

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120518\
 Data File : BM017917.D
 Acq On : 04 Dec 2018 23:59
 Operator : JU/SJ
 Sample : J5761-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MSD

Quant Time: Dec 05 01:23:41 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	257598	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	990533	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	475778	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	903146	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	868190	20.00	ng	-0.01
87) Perylene-d12	23.39	264	944748	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1640976	107.51	ng	-0.02
7) Phenol-d6	6.79	99	2191752	102.81	ng	-0.02
23) Nitrobenzene-d5	8.74	82	1289046	67.18	ng	-0.04
42) 2,4,6-Tribromophenol	15.74	330	665630	97.37	ng	-0.02
45) 2-Fluorobiphenyl	12.85	172	2676524	72.98	ng	-0.03
79) Terphenyl-d14	19.64	244	2816870	73.53	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	139015	21.868	ng	# 85
3) Pyridine	3.59	79	435920	23.378	ng	# 83
4) n-Nitrosodimethylamine	3.51	42	198404	24.154	ng	# 76
6) Aniline	6.93	93	280492	10.610	ng	95
8) 2-Chlorophenol	7.16	128	623273	34.120	ng	90
9) Benzaldehyde	6.75	77	324589	20.901	ng	94
10) Phenol	6.81	94	889847	39.768	ng	95
11) bis(2-Chloroethyl)ether	7.03	93	559718	31.687	ng	94
12) 1,3-Dichlorobenzene	7.47	146	654597	31.940	ng	96
13) 1,4-Dichlorobenzene	7.62	146	673769	32.074	ng	97
14) 1,2-Dichlorobenzene	7.93	146	649371	31.880	ng	99
15) Benzyl Alcohol	7.83	79	514388	30.299	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.12	45	620916	23.087	ng	88
17) 2-Methylphenol	8.03	107	510877	33.892	ng	96
18) Hexachloroethane	8.63	117	176836	23.884	ng	100
19) n-Nitroso-di-n-propylamine	8.39	70	437642	28.591	ng	90
20) 3+4-Methylphenols	8.36	107	677955	32.371	ng	97
22) Acetophenone	8.41	105	902329	36.499	ng	# 93
24) Nitrobenzene	8.78	77	642854	33.023	ng	96
25) Isophorone	9.30	82	1146340	38.682	ng	98
26) 2-Nitrophenol	9.48	139	274704	30.636	ng	95
27) 2,4-Dimethylphenol	9.55	122	553616	42.840	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	724810	36.112	ng	98
29) 2,4-Dichlorophenol	10.02	162	548152	36.540	ng	96
30) 1,2,4-Trichlorobenzene	10.22	180	587450	33.670	ng	95
31) Naphthalene	10.40	128	1860878	38.210	ng	99
32) Benzoic acid	9.69	122	111082	9.489	ng	96
33) 4-Chloroaniline	10.53	127	315197	14.778	ng	97
34) Hexachlorobutadiene	10.67	225	359413	33.182	ng	98
35) Caprolactam	11.35	113	165204	29.904	ng	# 77
36) 4-Chloro-3-methylphenol	11.67	107	567074	32.741	ng	99
37) 2-Methylnaphthalene	12.03	142	1327395	38.564	ng	96
38) 1-Methylnaphthalene	12.25	142	1223573	36.254	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	615084	36.662	ng	99

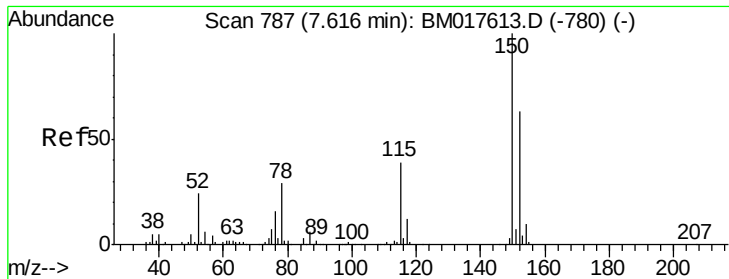
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120518\
 Data File : BM017917.D
 Acq On : 04 Dec 2018 23:59
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	20606	2.377	ng	97
43) 2,4,6-Trichlorophenol	12.66	196	415426	39.532	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	421680	38.003	ng	98
46) 1,1'-Biphenyl	13.06	154	1524603	35.700	ng	99
47) 2-Chloronaphthalene	13.10	162	1144830	36.116	ng	98
48) 2-Nitroaniline	13.32	65	356943	36.412	ng	90
49) Acenaphthylene	13.95	152	1826086	38.343	ng	100
50) Dimethylphthalate	13.70	163	1749538	45.228	ng	99
51) 2,6-Dinitrotoluene	13.83	165	271991	31.577	ng	94
52) Acenaphthene	14.30	154	1082614	37.040	ng	97
53) 3-Nitroaniline	14.16	138	299073	31.891	ng	96
54) 2,4-Dinitrophenol	14.39	184	11153	9.055	ng	87
55) Dibenzofuran	14.64	168	1695503	35.497	ng	98
56) 4-Nitrophenol	14.49	139	460949	59.809	ng	93
57) 2,4-Dinitrotoluene	14.63	165	346463	29.839	ng	97
58) Fluorene	15.29	166	1389747	38.006	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	353947	34.681	ng	99
60) Diethylphthalate	15.08	149	1347898	32.250	ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	646899	31.138	ng	98
62) 4-Nitroaniline	15.33	138	313926	35.519	ng	92
63) Azobenzene	15.59	77	1171741	30.327	ng	93
65) 4,6-Dinitro-2-methylphenol	15.40	198	15230	2.434	ng	# 72
66) n-Nitrosodiphenylamine	15.51	169	1124177	38.715	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	389301	36.447	ng	97
68) Hexachlorobenzene	16.30	284	413404	34.332	ng	94
69) Atrazine	16.47	200	382564	35.821	ng	95
70) Pentachlorophenol	16.65	266	479649	56.850	ng	97
71) Phenanthrene	17.04	178	2629255	53.651	ng	99
72) Anthracene	17.13	178	2094200	43.915	ng	99
73) Carbazole	17.40	167	1692171	35.116	ng	100
74) Di-n-butylphthalate	17.97	149	2054516	38.300	ng	99
75) Fluoranthene	19.06	202	2884722	52.024	ng	99
77) Benzidine	19.27	184	1125577	39.813	ng	100
78) Pyrene	19.43	202	2773967	51.784	ng	100
80) Butylbenzylphthalate	20.34	149	862399	39.637	ng	99
81) Benzo(a)anthracene	21.19	228	2281849	45.621	ng	100
82) 3,3'-Dichlorobenzidine	21.13	252	432567	22.408	ng	99
83) Chrysene	21.24	228	2087146	42.963	ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1239760	38.545	ng	98
85) Di-n-octyl phthalate	21.99	149	2148398	41.714	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.58	276	2428453	62.555	ng	99
88) Benzo(b)fluoranthene	22.74	252	2432723	43.970	ng	98
89) Benzo(k)fluoranthene	22.78	252	1977901	35.369	ng	99
90) Benzo(a)pyrene	23.30	252	2223747	44.081	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	1936555	45.661	ng	99
92) Benzo(g,h,i)perylene	26.24	276	2064194	51.757	ng	99

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

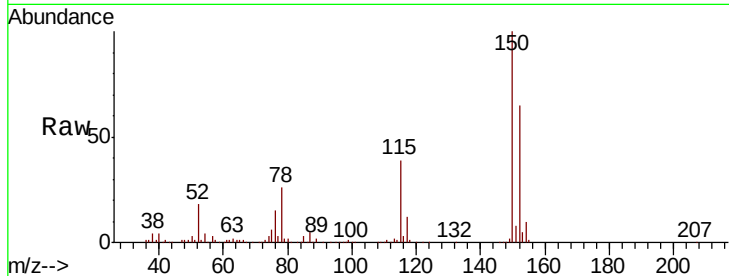


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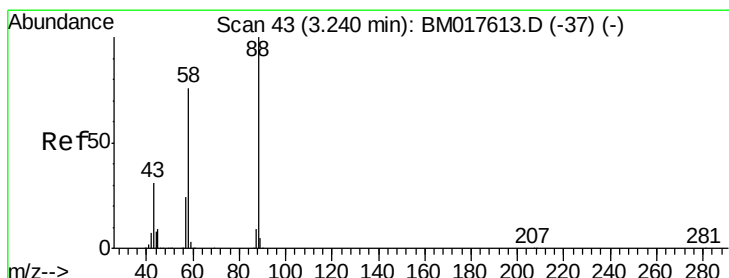
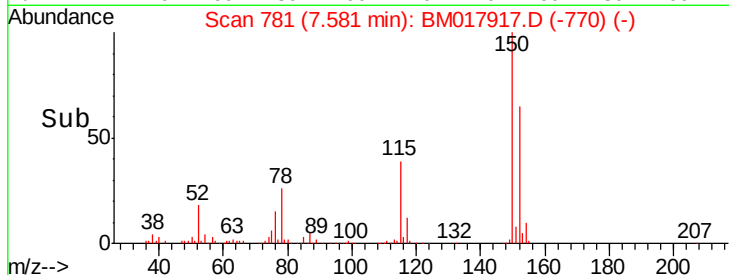
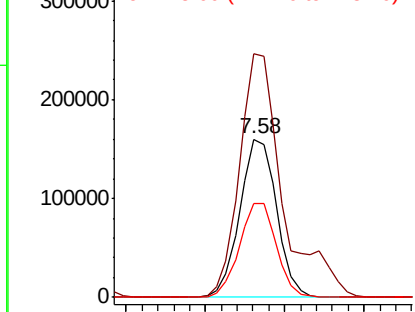
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

Tgt Ion:152 Resp: 257598
Ion Ratio Lower Upper
152 100
150 154.2 126.4 189.6
115 59.7 49.4 74.0



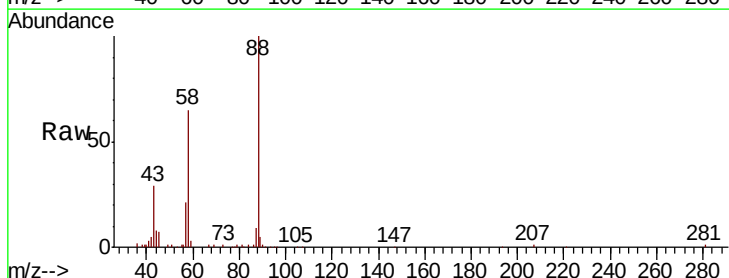
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



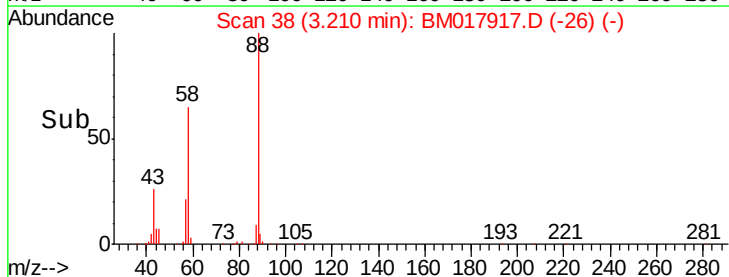
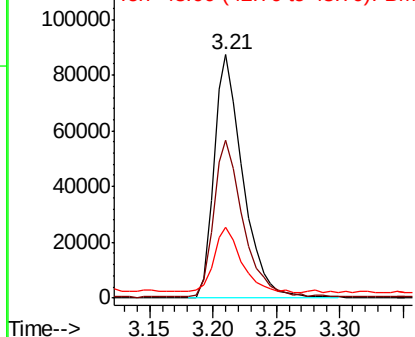
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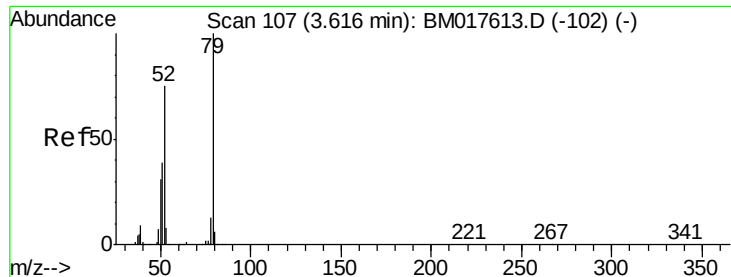
1,4-Dioxane
Concen: 21.868 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion: 88 Resp: 139015
Ion Ratio Lower Upper
88 100
58 64.6 62.0 93.0
43 25.6 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

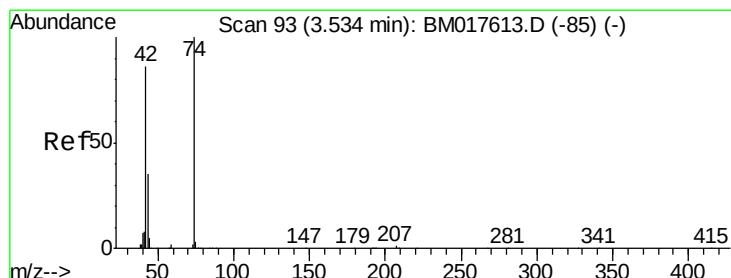
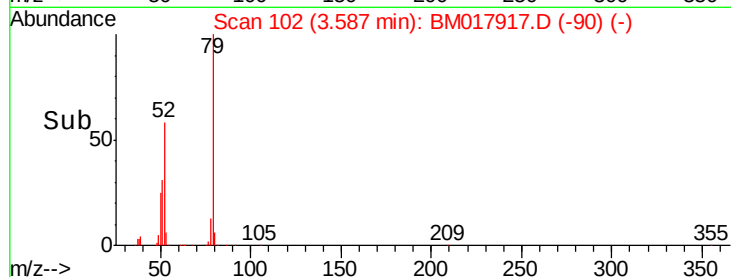
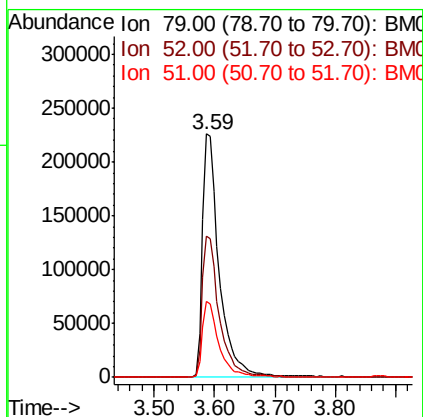
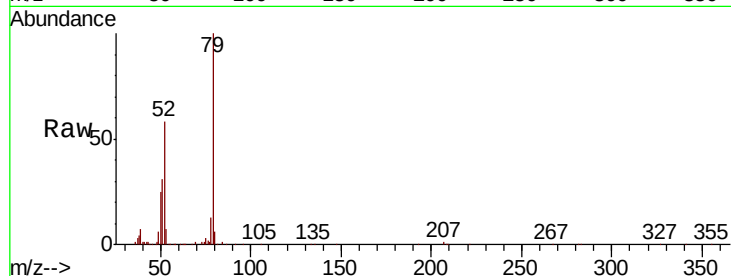




#3
 Pyridine
 Concen: 23.378 ng
 RT: 3.59 min Scan# 102
 Delta R.T. -0.03 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

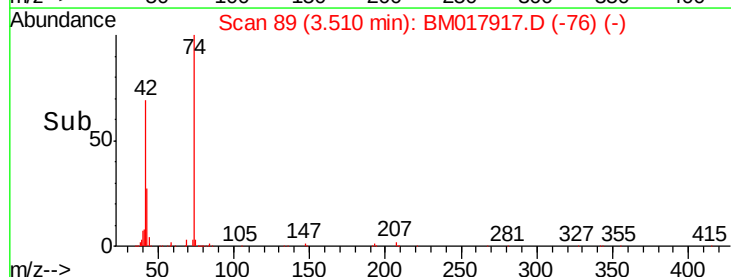
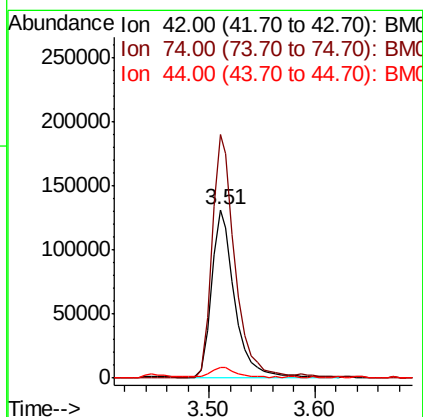
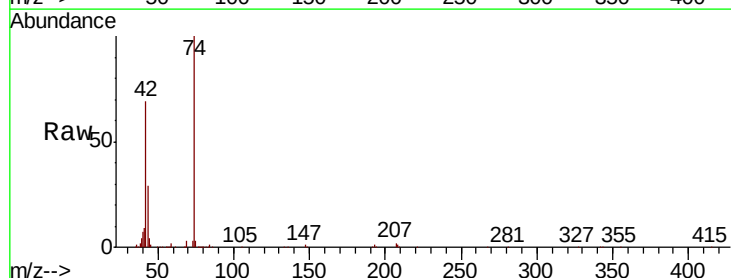
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MSD

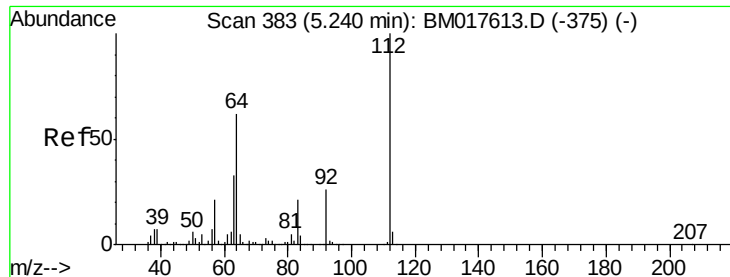
Tgt Ion: 79 Resp: 435920
 Ion Ratio Lower Upper
 79 100
 52 58.0 60.1 90.1#
 51 31.4 31.1 46.7



#4
 n-Nitrosodimethylamine
 Concen: 24.154 ng
 RT: 3.51 min Scan# 89
 Delta R.T. -0.02 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

Tgt Ion: 42 Resp: 198404
 Ion Ratio Lower Upper
 42 100
 74 144.4 93.1 139.7#
 44 6.2 5.0 7.6





#5

2-Fluorophenol

Concen: 107.508 ng

RT: 5.22 min Scan# 379

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

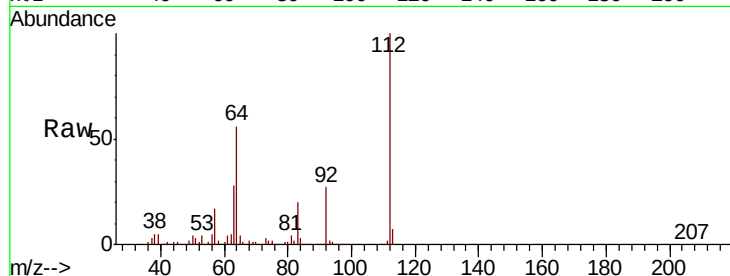
Tgt Ion:112 Resp: 1640976

Ion Ratio Lower Upper

112 100

64 56.3 49.3 73.9

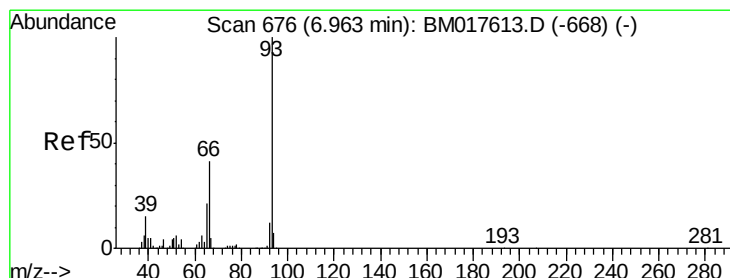
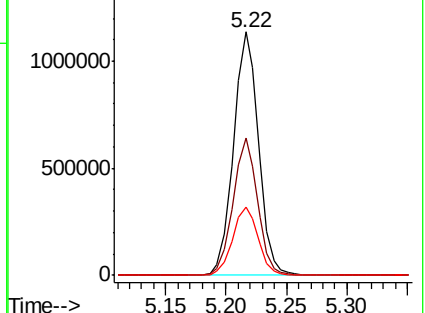
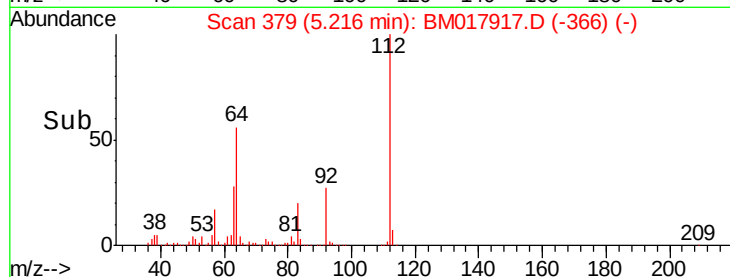
63 28.0 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 10.610 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.03 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

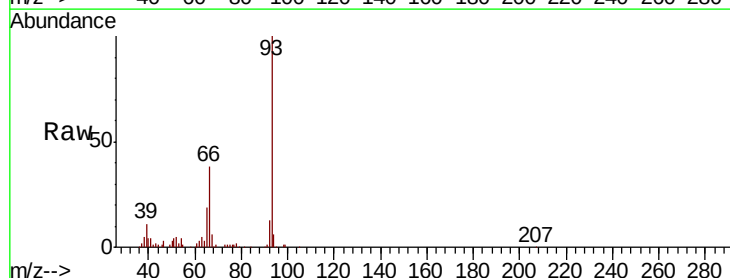
Tgt Ion: 93 Resp: 280492

Ion Ratio Lower Upper

93 100

66 37.7 32.8 49.2

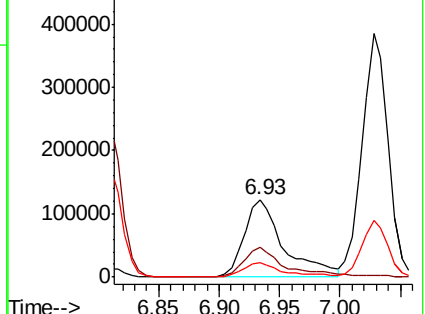
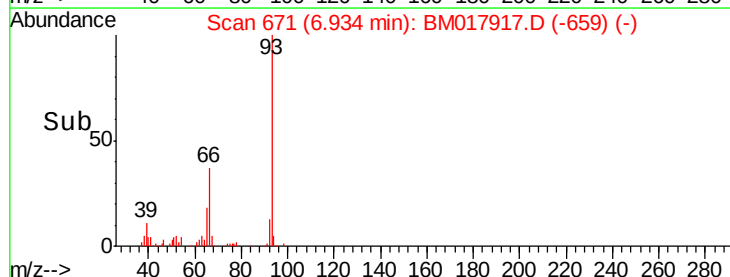
65 18.8 16.6 25.0

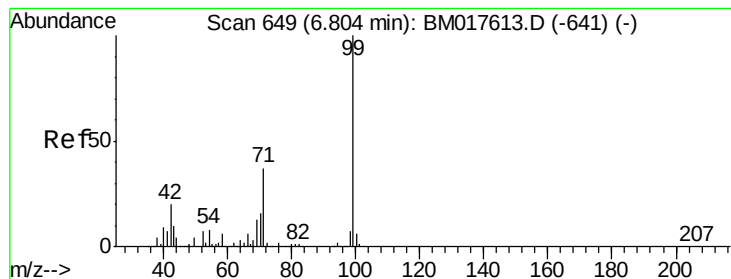


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 102.812 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

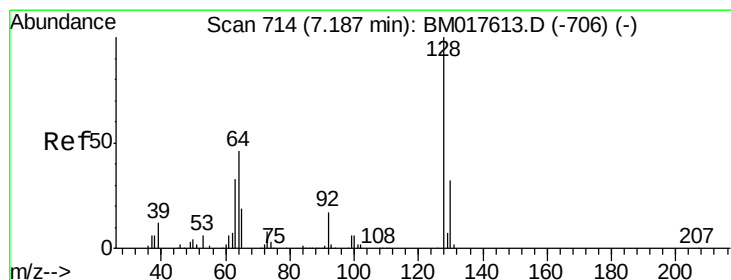
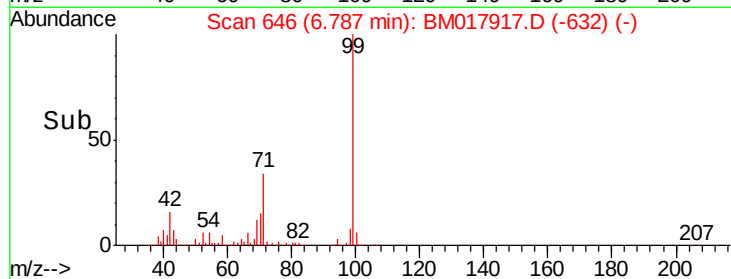
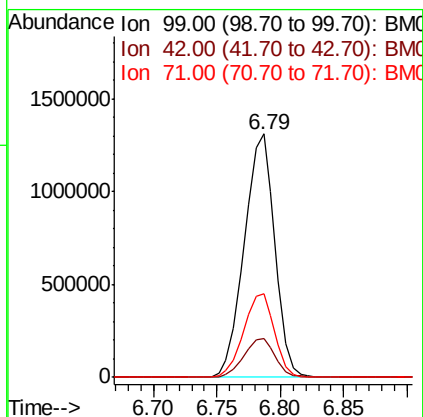
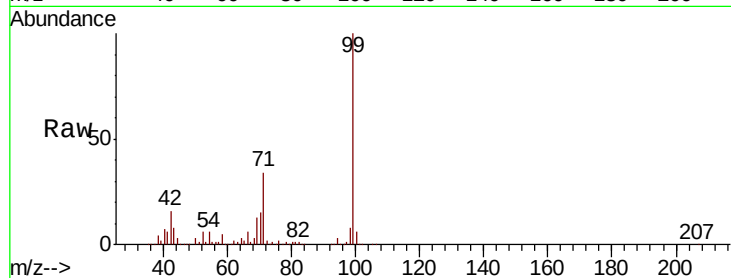
BNA_M

ClientSampleId :

AU-06-112918MSD

Tgt Ion: 99 Resp: 2191752

Ion	Ratio	Lower	Upper
99	100		
42	15.8	16.3	24.5#
71	34.5	29.8	44.8



#8

2-Chlorophenol

Concen: 34.120 ng

RT: 7.16 min Scan# 709

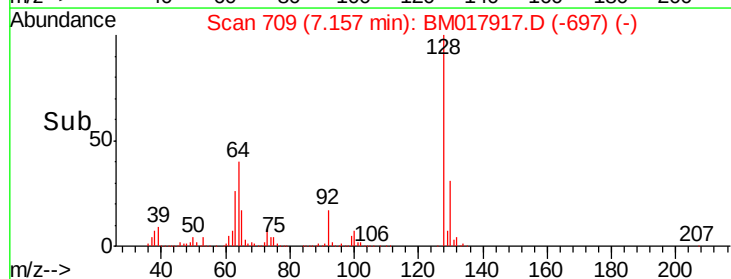
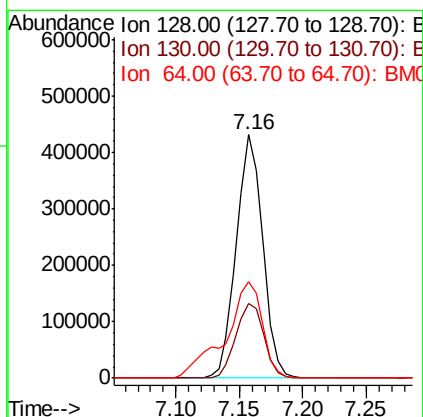
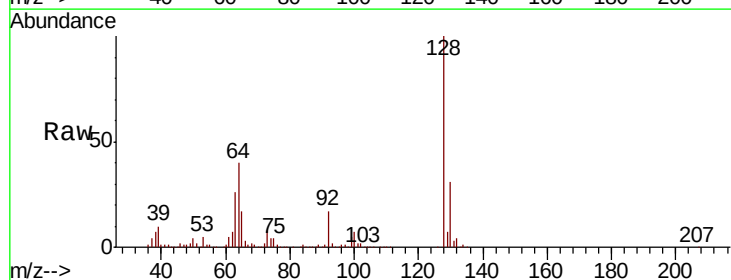
Delta R.T. -0.03 min

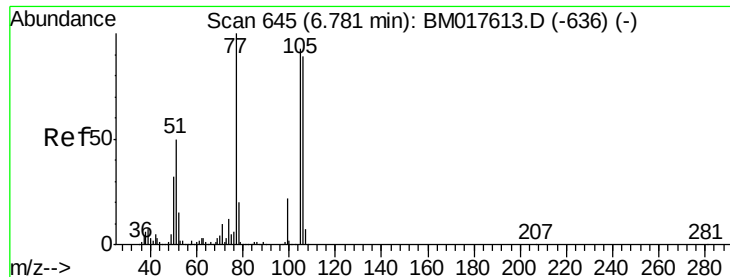
Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Tgt Ion: 128 Resp: 623273

Ion	Ratio	Lower	Upper
128	100		
130	30.9	12.4	52.4
64	39.7	30.0	70.0





#9

Benzaldehyde

Concen: 20.901 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.04 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

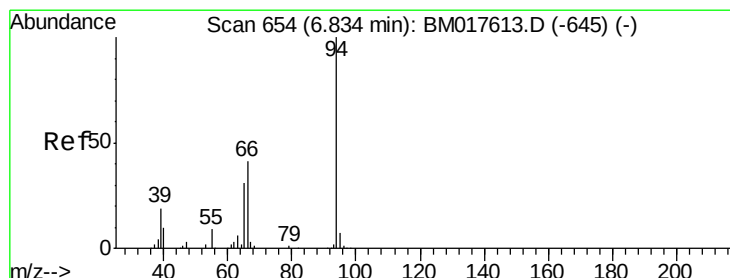
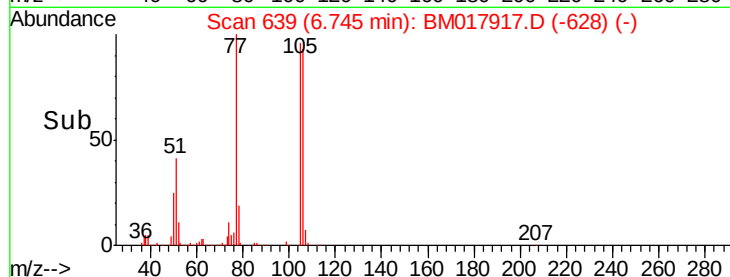
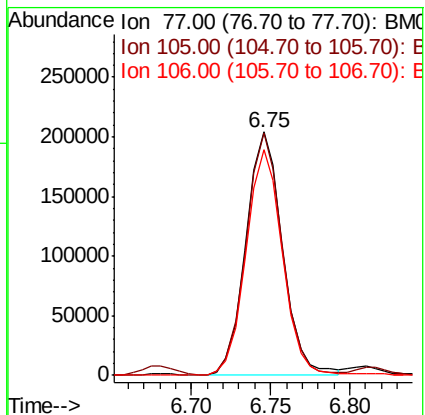
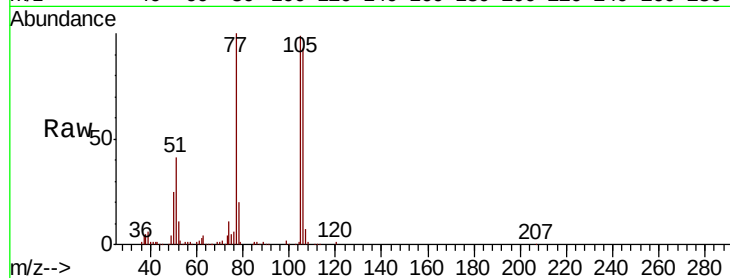
Tgt Ion: 77 Resp: 324589

Ion Ratio Lower Upper

77 100

105 99.4 72.7 112.7

106 92.9 68.9 108.9



#10

Phenol

Concen: 39.768 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

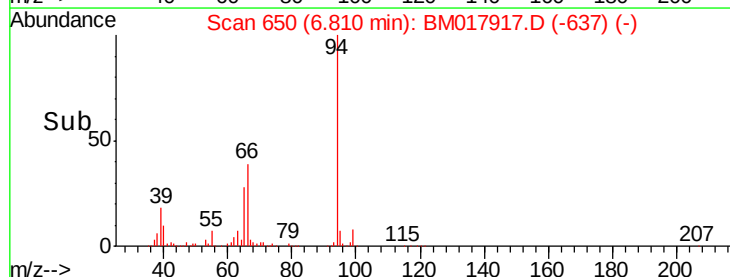
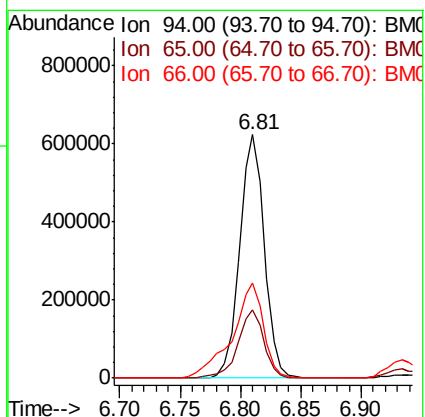
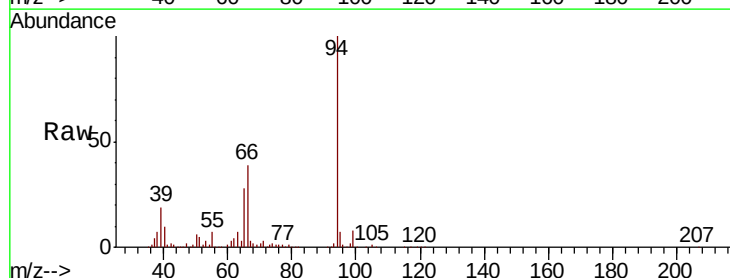
Tgt Ion: 94 Resp: 889847

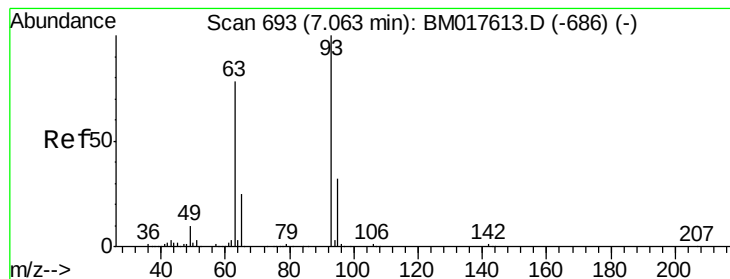
Ion Ratio Lower Upper

94 100

65 27.8 11.4 51.4

66 39.1 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 31.687 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

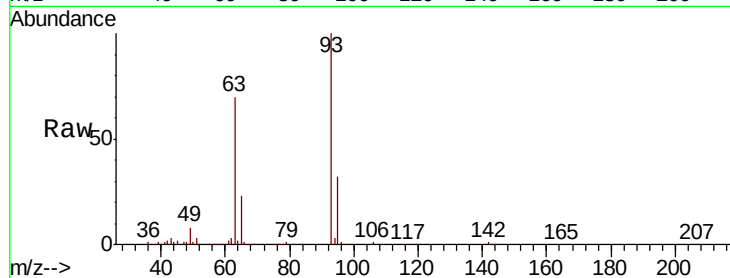
Tgt Ion: 93 Resp: 559718

Ion Ratio Lower Upper

93 100

63 70.3 57.9 97.9

95 32.3 12.3 52.3

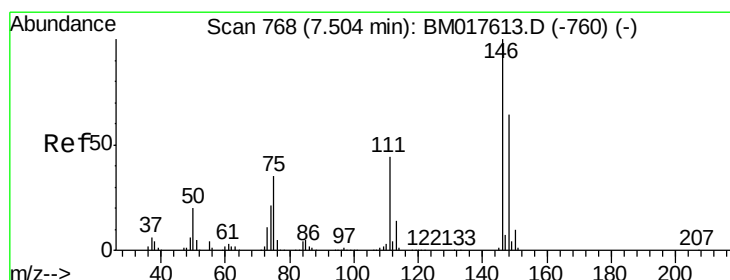
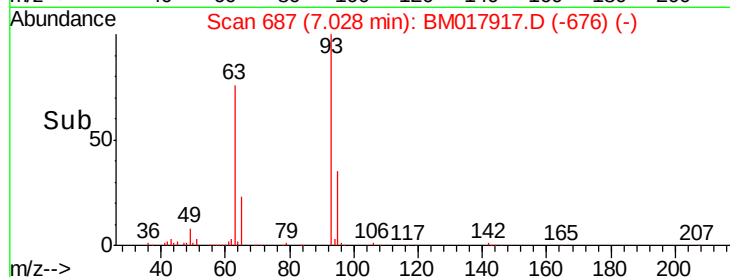
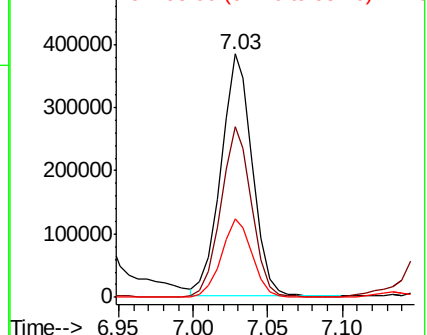


Abundance

Ion 93.00 (92.70 to 93.70): BM017613.D (-686) (-)

Ion 63.00 (62.70 to 63.70): BM017613.D (-686) (-)

Ion 95.00 (94.70 to 95.70): BM017613.D (-686) (-)



#12

1,3-Dichlorobenzene

Concen: 31.940 ng

RT: 7.47 min Scan# 763

Delta R.T. -0.03 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

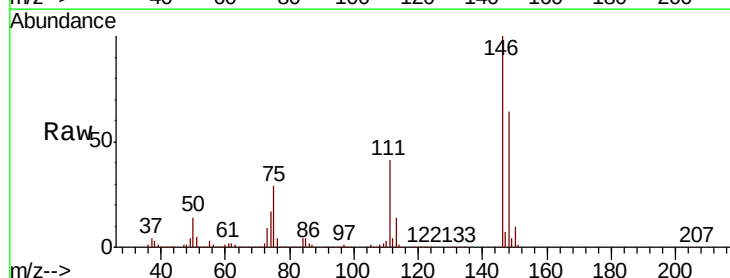
Tgt Ion: 146 Resp: 654597

Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

75 28.9 28.2 42.2

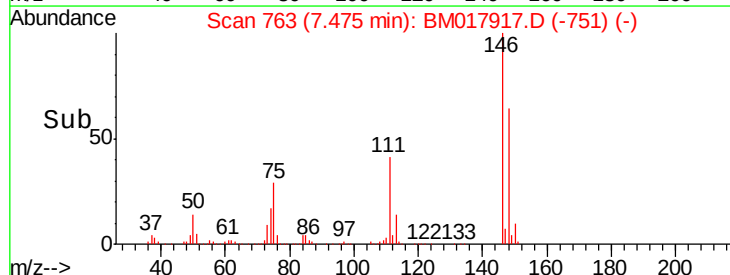
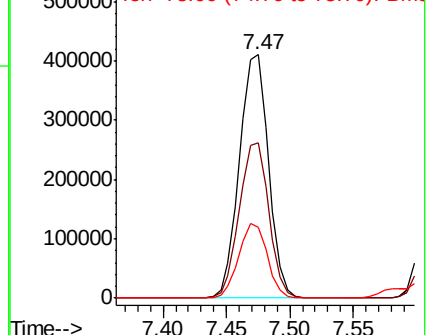


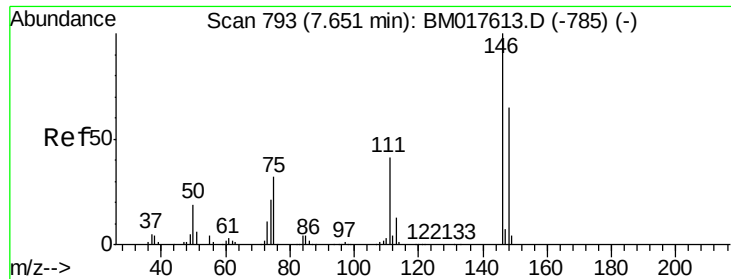
Abundance

Ion 146.00 (145.70 to 146.70): BM017613.D (-760) (-)

Ion 148.00 (147.70 to 148.70): BM017613.D (-760) (-)

Ion 75.00 (74.70 to 75.70): BM017613.D (-760) (-)

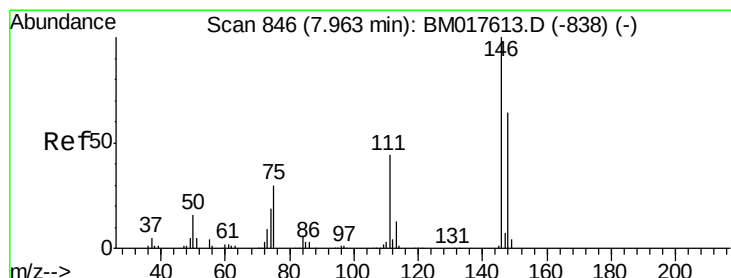
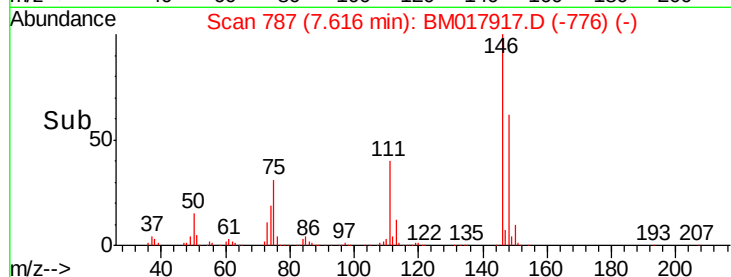
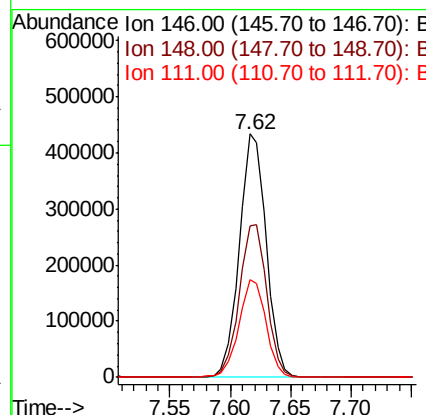
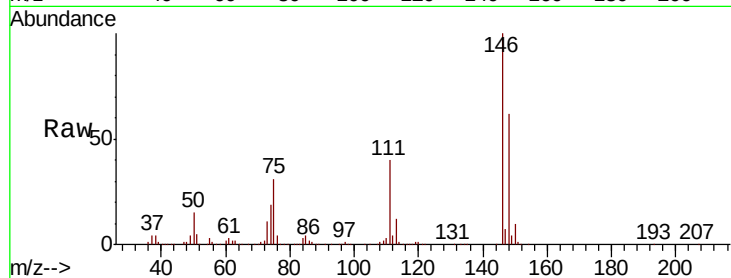




#13
 1,4-Dichlorobenzene
 Concen: 32.074 ng
 RT: 7.62 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

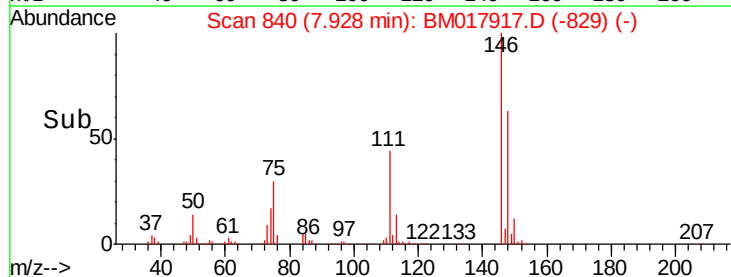
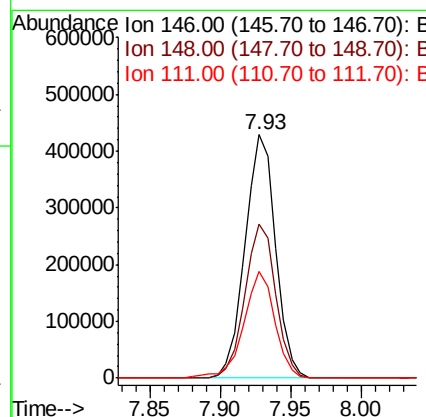
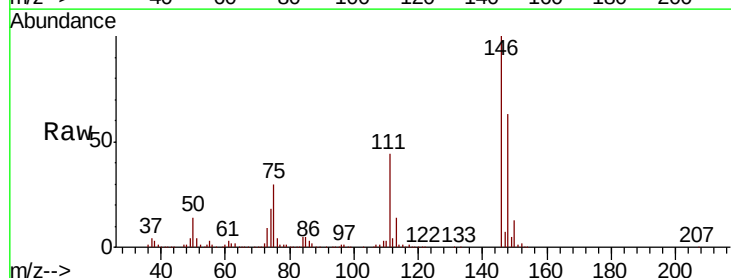
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MSD

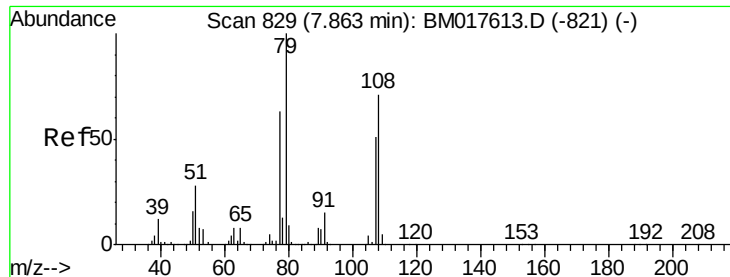
Tgt Ion:146 Resp: 673769
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.0 78.0
 111 40.0 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 31.880 ng
 RT: 7.93 min Scan# 840
 Delta R.T. -0.04 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

Tgt Ion:146 Resp: 649371
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.6 77.4
 111 44.0 35.8 53.8





#15

Benzyl Alcohol

Concen: 30.299 ng

RT: 7.83 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

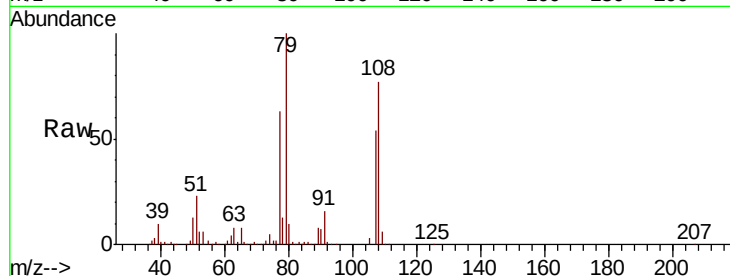
Tgt Ion: 79 Resp: 514388

Ion Ratio Lower Upper

79 100

108 76.6 57.1 85.7

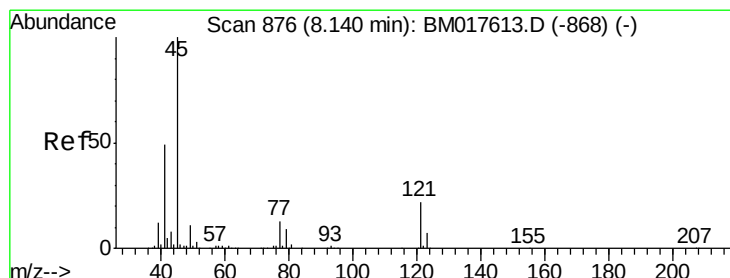
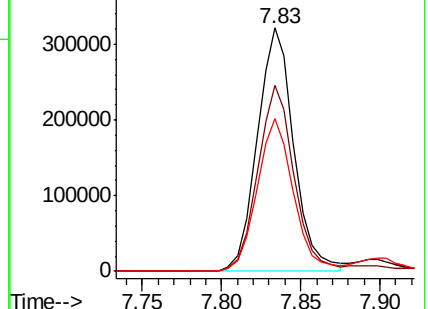
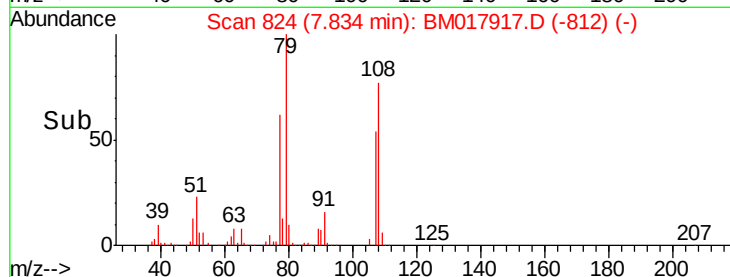
77 62.5 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BM017917.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM017917.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM017917.D (-812) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.087 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

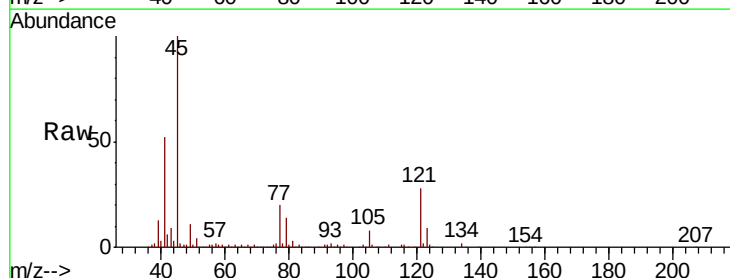
Tgt Ion: 45 Resp: 620916

Ion Ratio Lower Upper

45 100

77 19.7 0.0 34.2

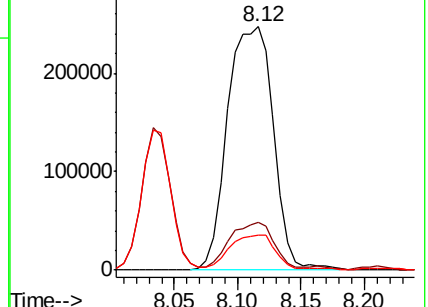
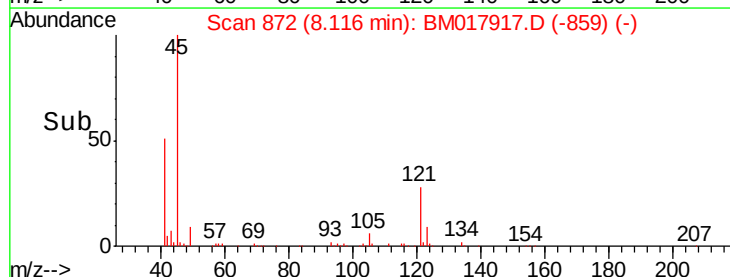
79 14.1 0.0 30.5

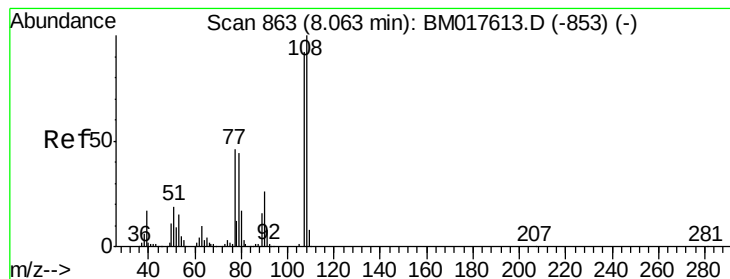


Abundance Ion 45.00 (44.70 to 45.70): BM017917.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM017917.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM017917.D (-859) (-)





#17

2-Methylphenol

Concen: 33.892 ng

RT: 8.03 min Scan# 858

Delta R.T. -0.03 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

Tgt Ion:107 Resp: 510877

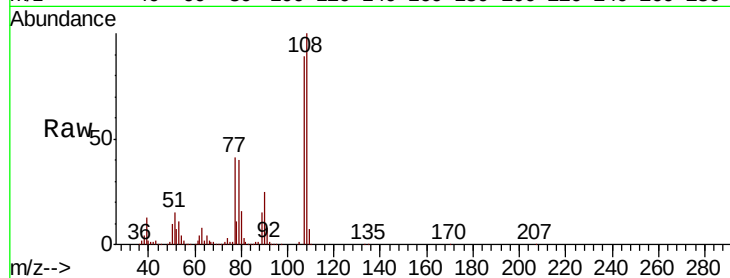
Ion Ratio Lower Upper

107 100

108 111.7 86.7 130.1

77 45.5 39.8 59.6

79 44.7 38.4 57.6

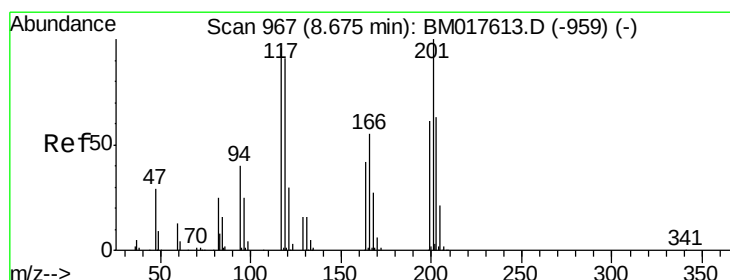
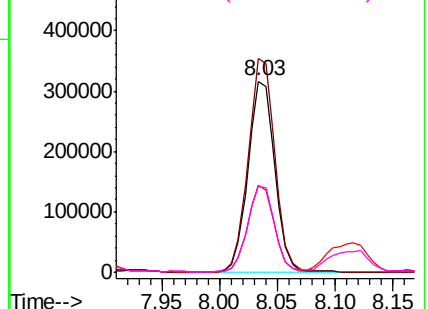
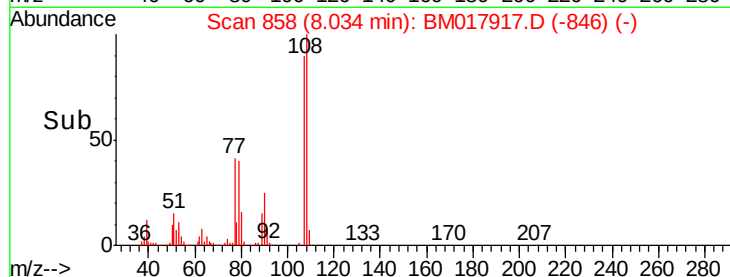


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 23.884 ng

RT: 8.63 min Scan# 960

Delta R.T. -0.04 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

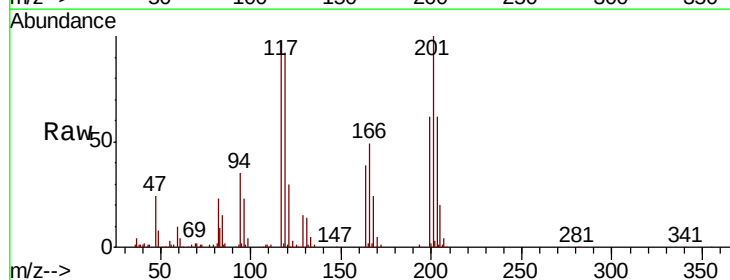
Tgt Ion:117 Resp: 176836

Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.8

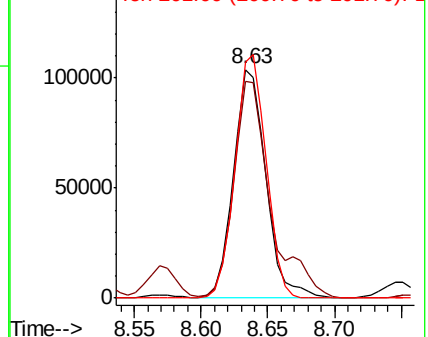
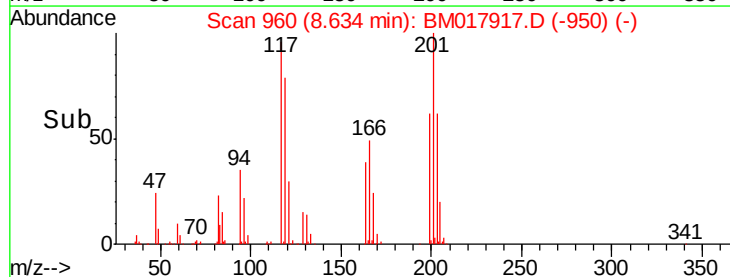
201 103.4 83.0 124.4

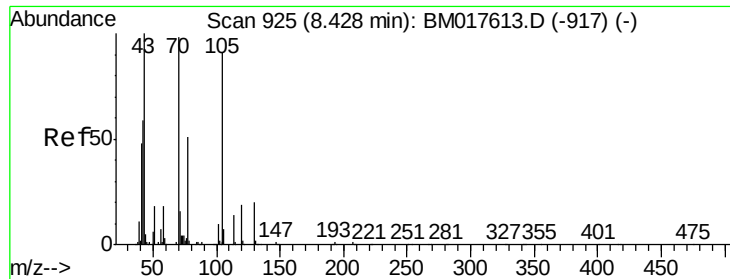


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

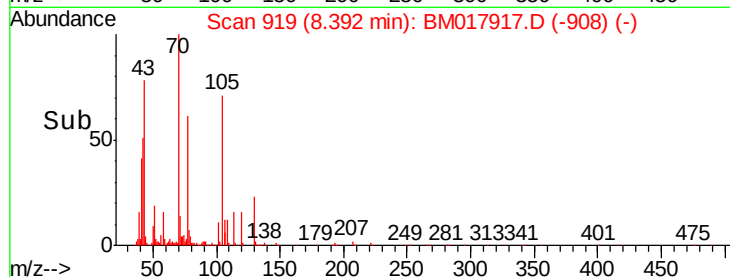
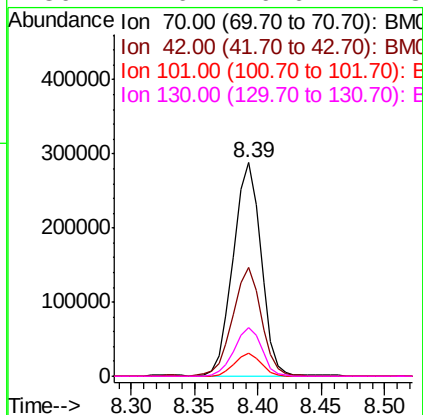
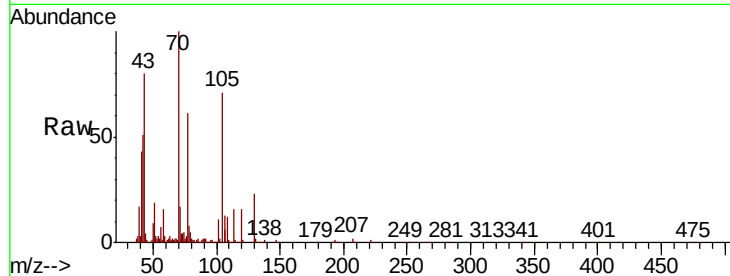




#19
n-Nitroso-di-n-propylamine
Concen: 28.591 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.04 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

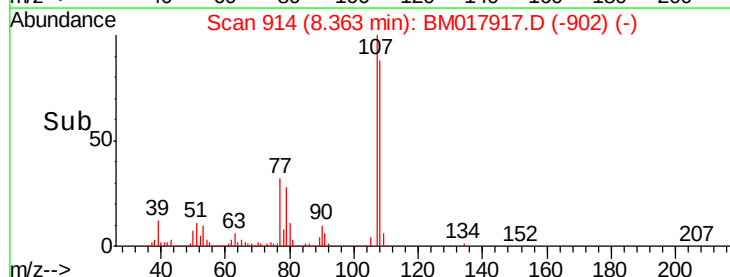
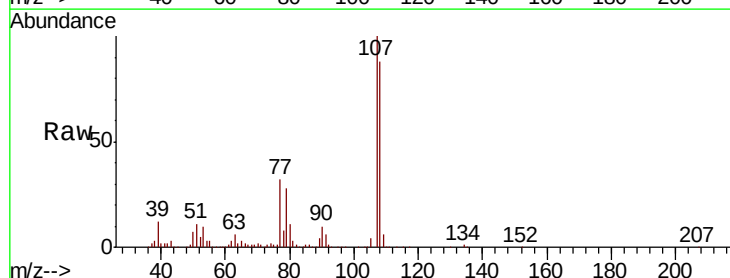
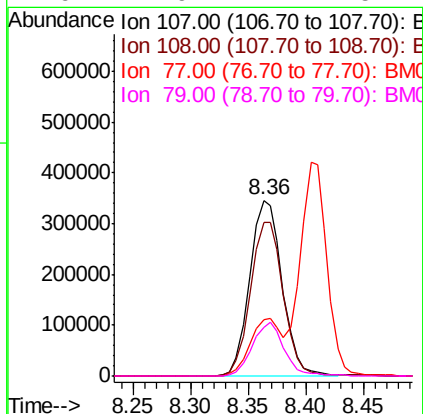
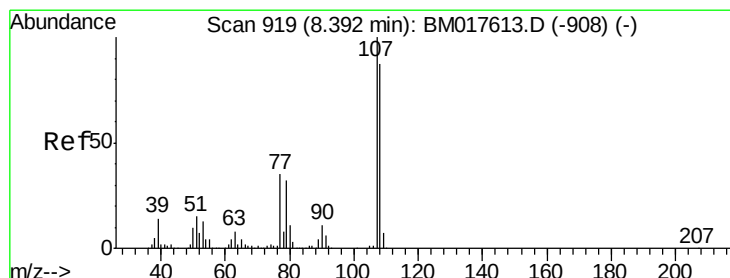
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

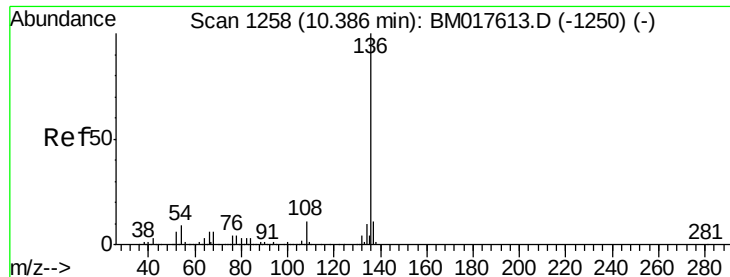
Tgt Ion:	70	Resp:	437642
Ion	Ratio	Lower	Upper
70	100		
42	50.9	48.6	73.0
101	10.5	7.9	11.9
130	22.6	16.6	24.8



#20
3+4-Methylphenols
Concen: 32.371 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.03 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:	107	Resp:	677955
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.0	107.0
77	32.1	15.6	55.6
79	27.9	11.7	51.7

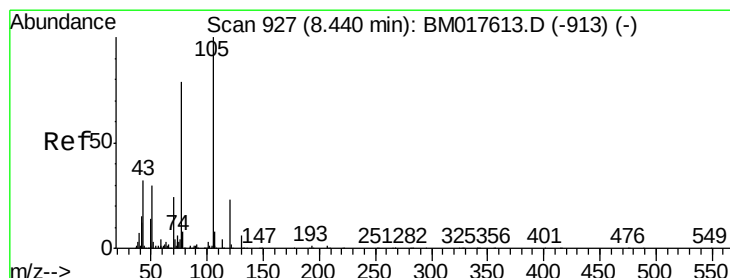
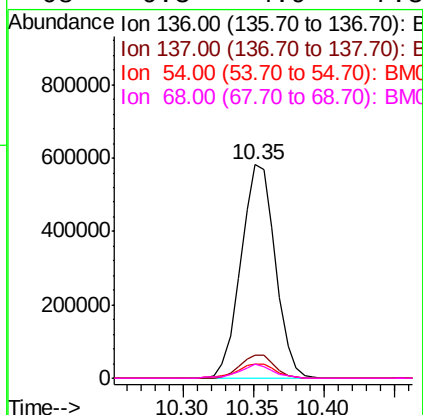
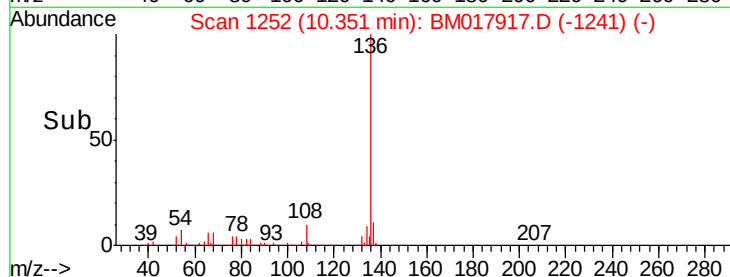
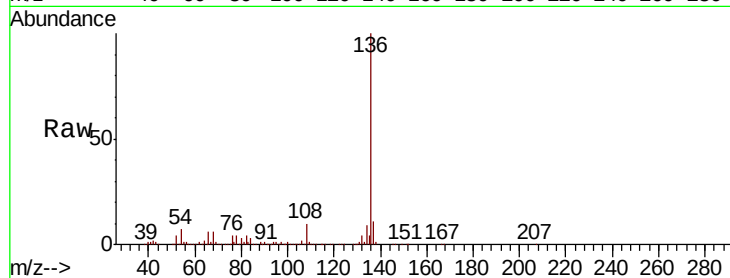




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

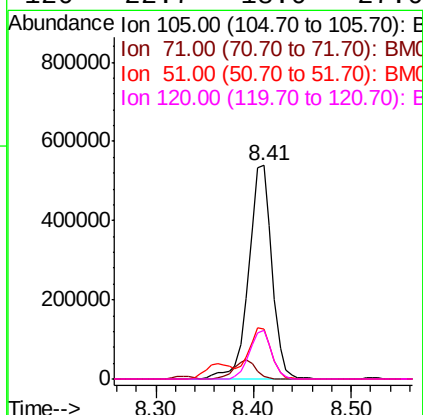
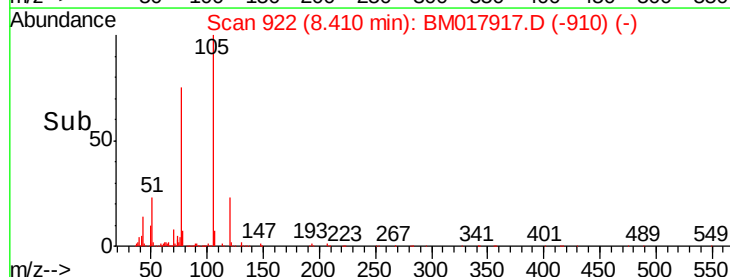
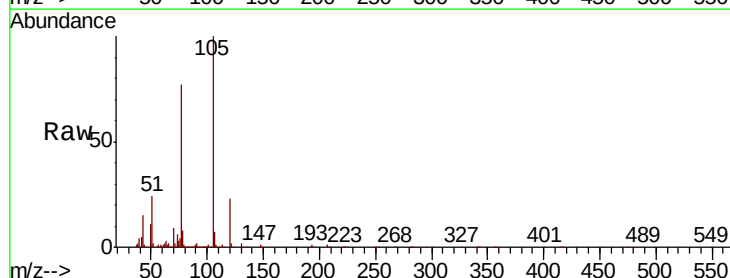
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

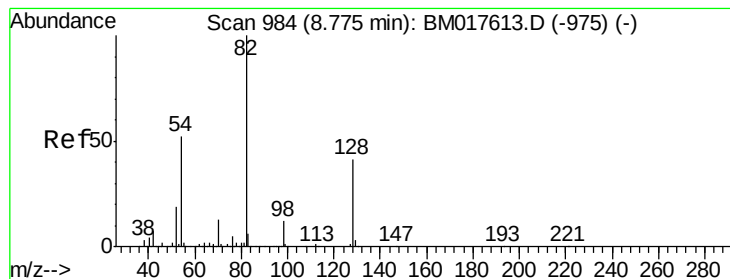
Tgt Ion:	136	Resp:	990533
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.8	7.0	10.6#
68	6.3	4.9	7.3



#22
Acetophenone
Concen: 36.499 ng
RT: 8.41 min Scan# 922
Delta R.T. -0.03 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:	105	Resp:	902329
Ion	Ratio	Lower	Upper
105	100		
71	1.5	3.1	4.7#
51	23.6	23.8	35.8#
120	22.7	18.0	27.0





#23

Nitrobenzene-d5

Concen: 67.183 ng

RT: 8.74 min Scan# 978

Delta R.T. -0.04 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

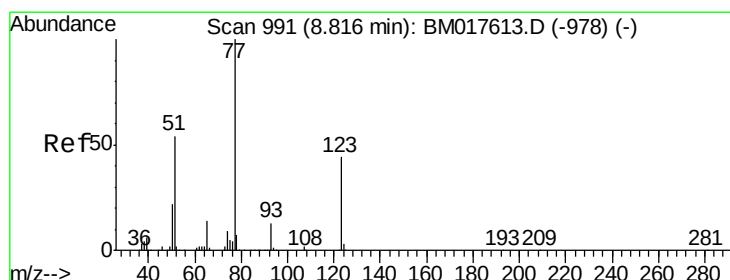
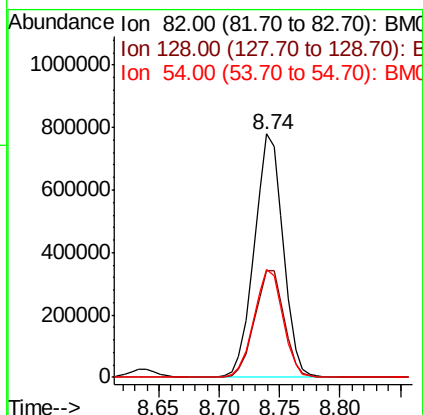
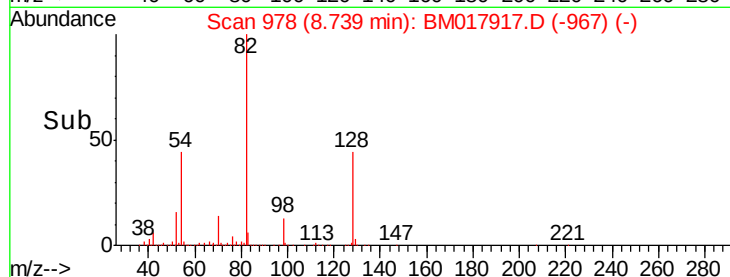
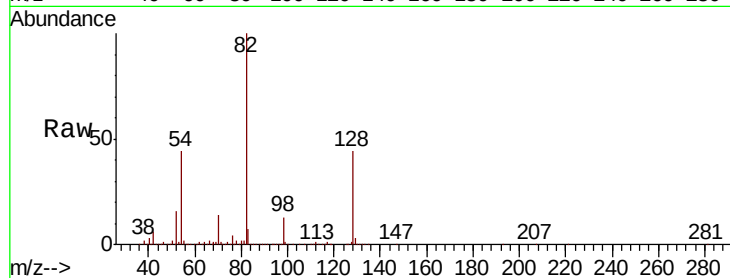
Tgt Ion: 82 Resp: 1289046

Ion Ratio Lower Upper

82 100

128 44.0 33.0 49.4

54 44.4 41.4 62.2



#24

Nitrobenzene

Concen: 33.023 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.04 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

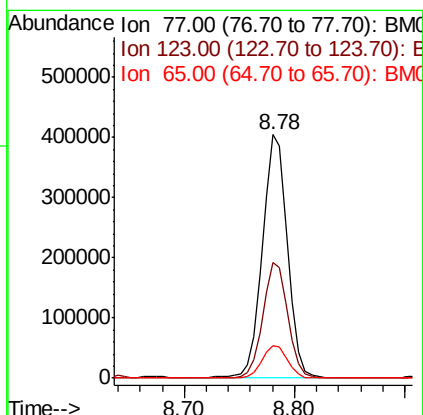
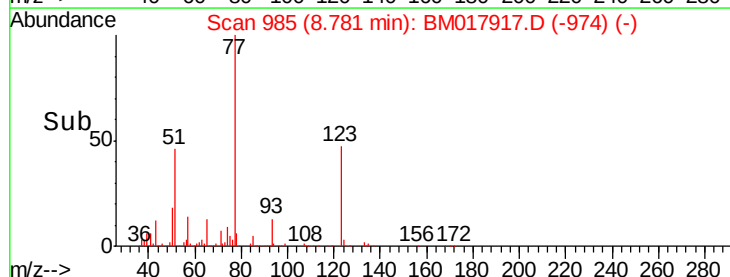
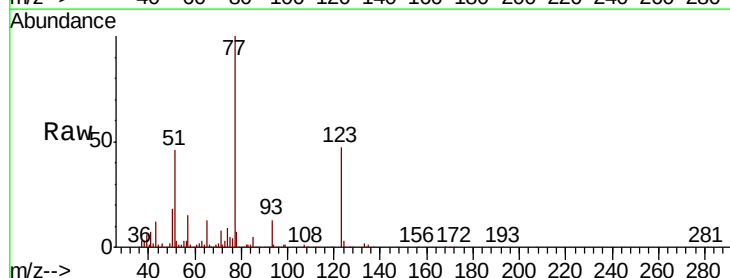
Tgt Ion: 77 Resp: 642854

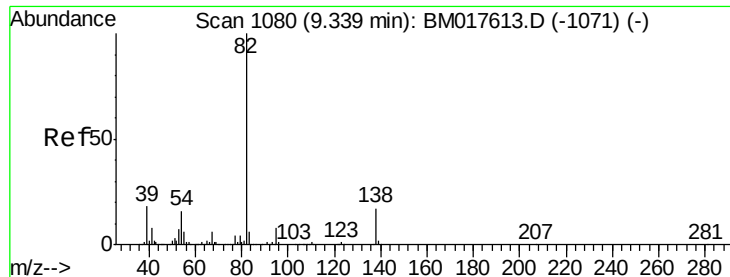
Ion Ratio Lower Upper

77 100

123 47.4 35.1 52.7

65 13.2 11.0 16.6

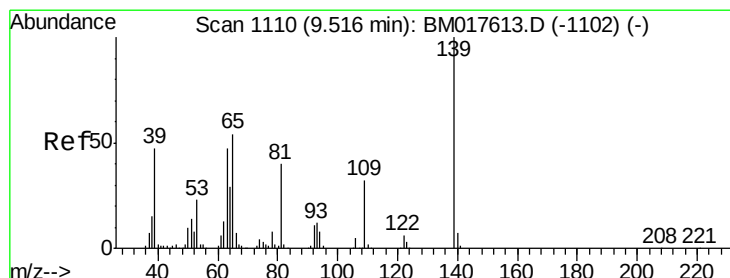
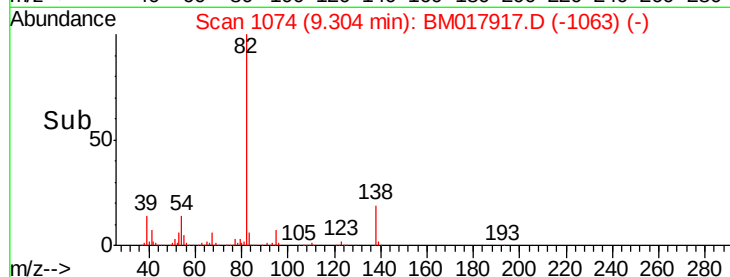
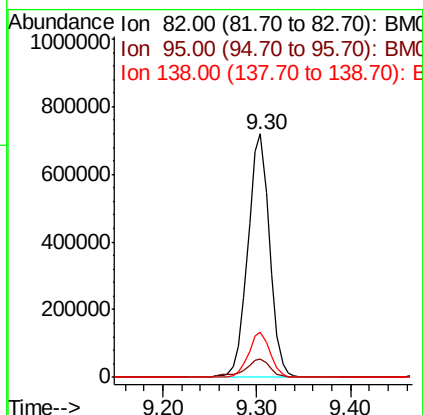
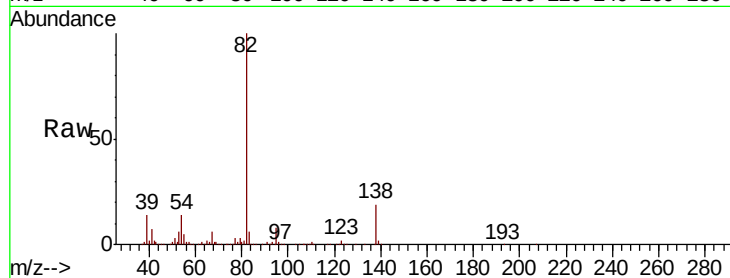




#25
Isophorone
Concen: 38.682 ng
RT: 9.30 min Scan# 1074
Delta R.T. -0.04 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

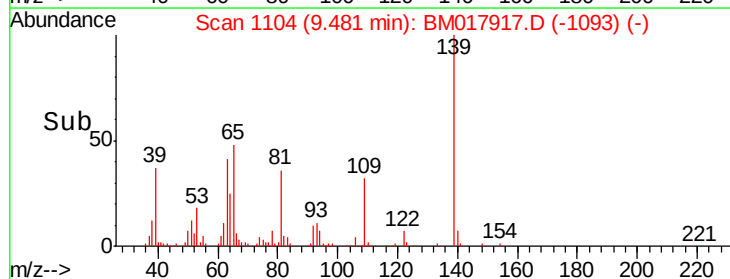
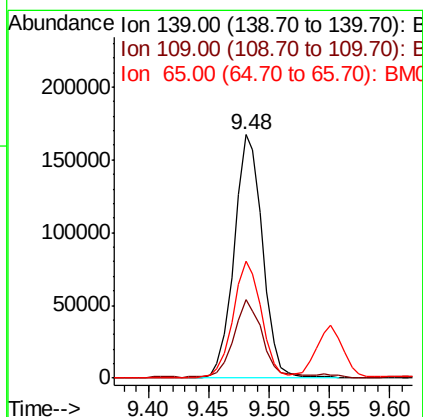
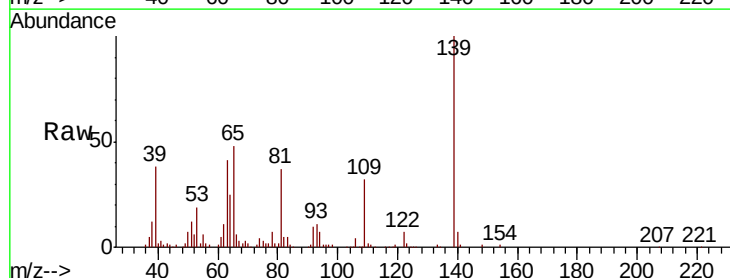
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

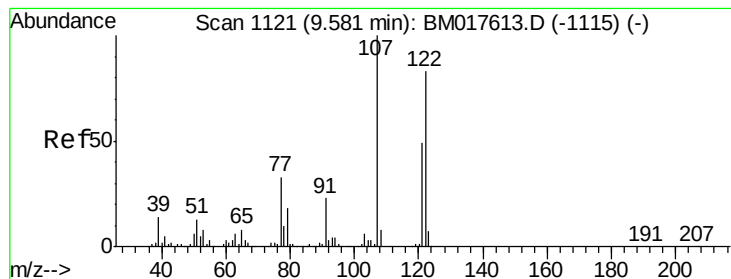
Tgt Ion: 82 Resp: 1146340
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 18.6 13.9 20.9



#26
2-Nitrophenol
Concen: 30.636 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion: 139 Resp: 274704
Ion Ratio Lower Upper
139 100
109 32.2 25.9 38.9
65 48.1 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 42.840 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

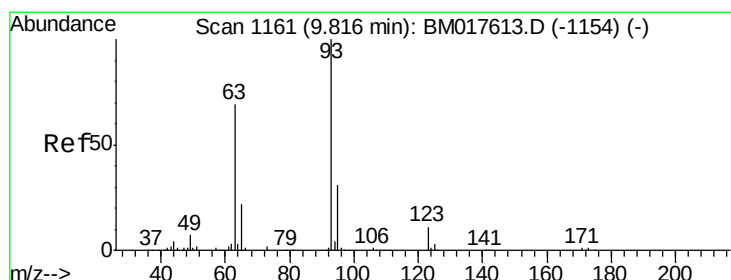
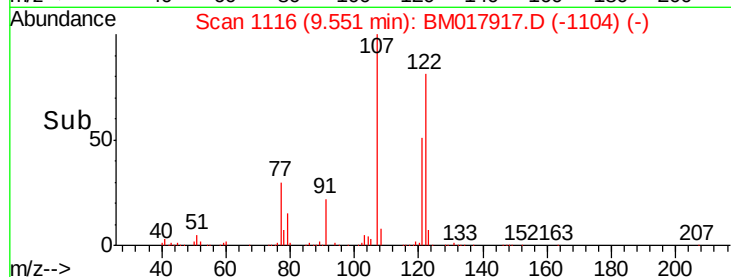
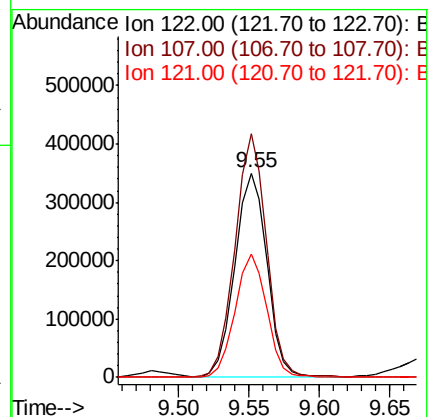
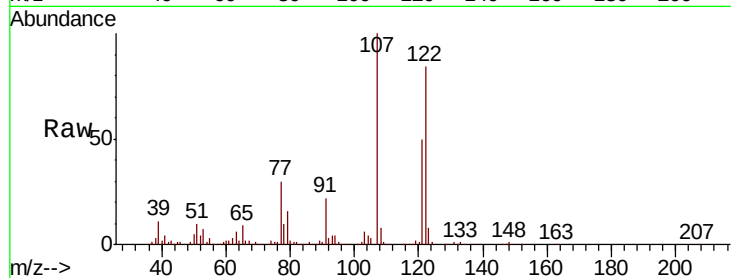
Tgt Ion: 122 Resp: 553616

Ion Ratio Lower Upper

122 100

107 119.0 95.8 143.8

121 60.0 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 36.112 ng

RT: 9.78 min Scan# 1155

Delta R.T. -0.04 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

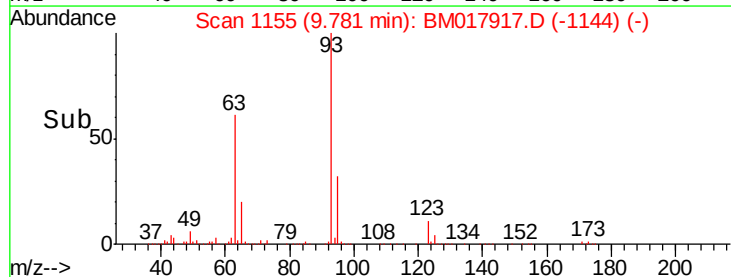
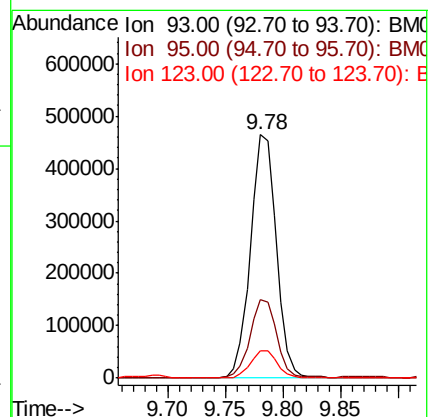
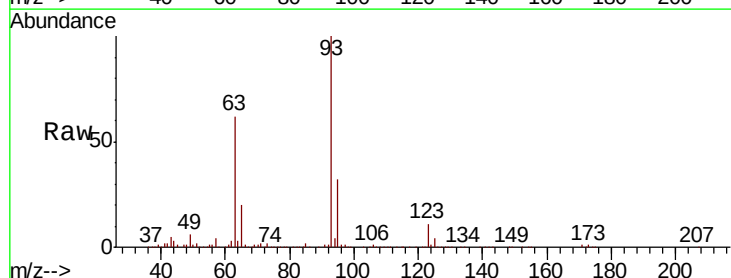
Tgt Ion: 93 Resp: 724810

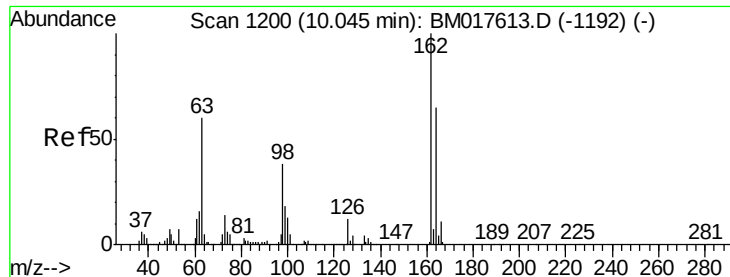
Ion Ratio Lower Upper

93 100

95 32.2 24.9 37.3

123 11.3 8.7 13.1

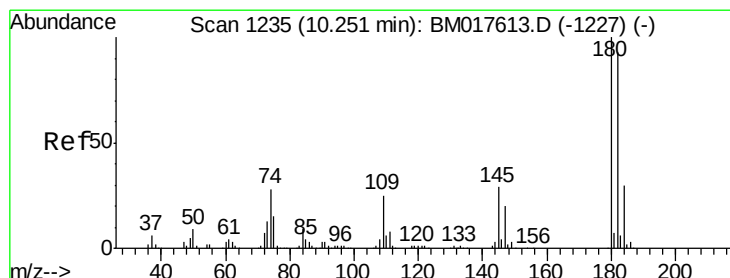
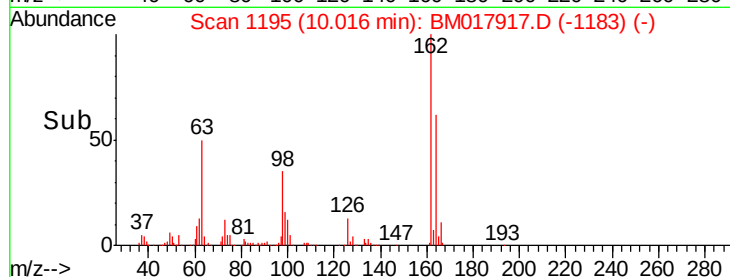
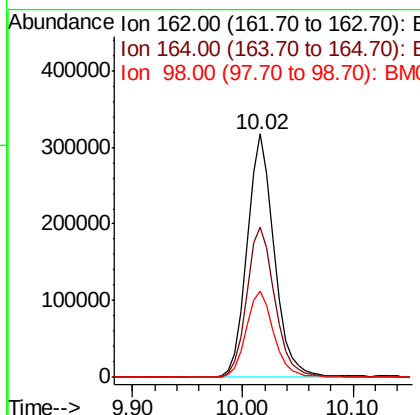
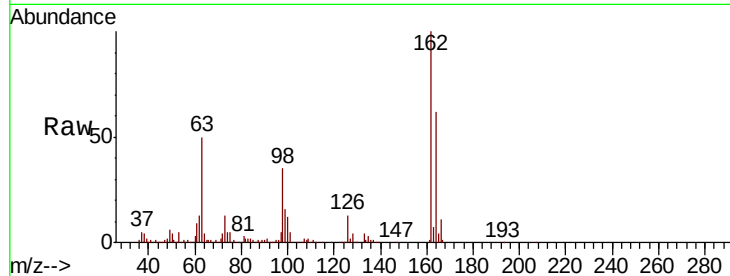




#29
 2,4-Dichlorophenol
 Concen: 36.540 ng
 RT: 10.02 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

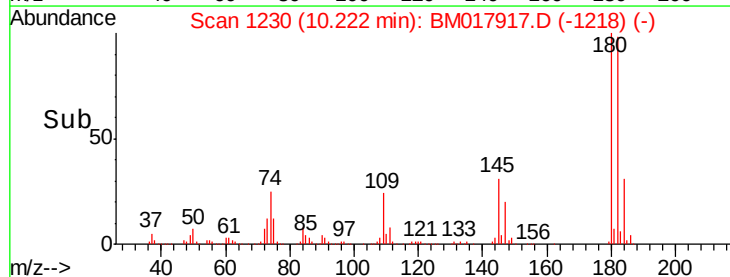
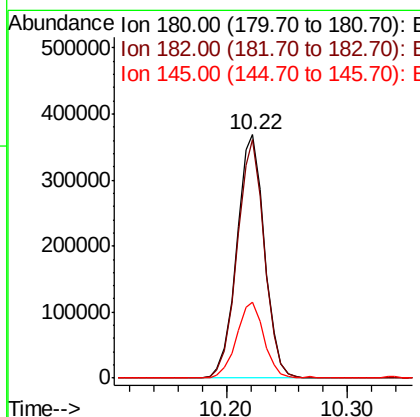
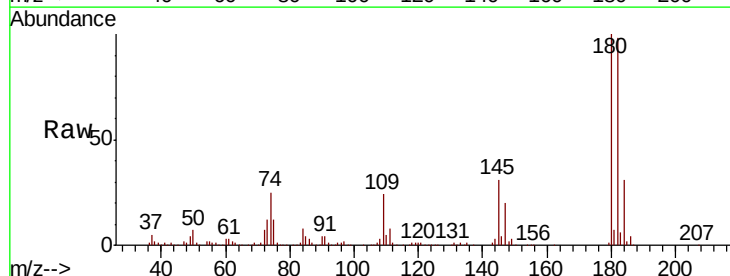
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MSD

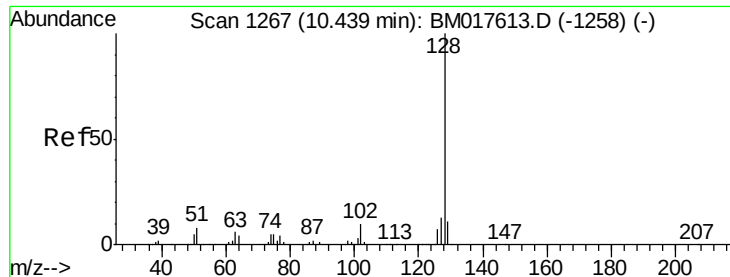
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.9	45.0	85.0
98	35.3	17.5	57.5



#30
 1,2,4-Trichlorobenzene
 Concen: 33.670 ng
 RT: 10.22 min Scan# 1230
 Delta R.T. -0.03 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	74.4	111.6
145	31.3	23.5	35.3

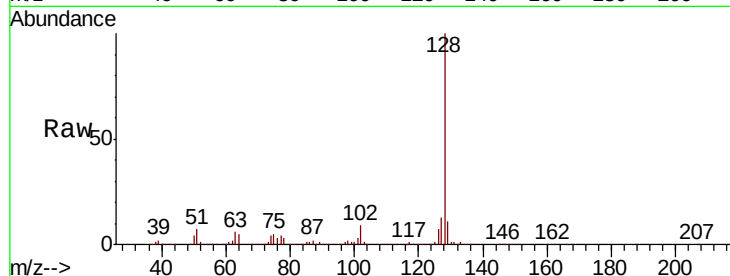




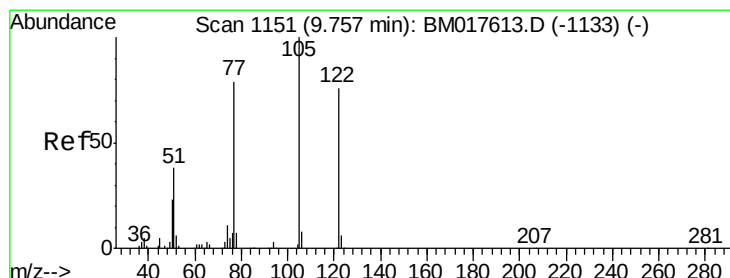
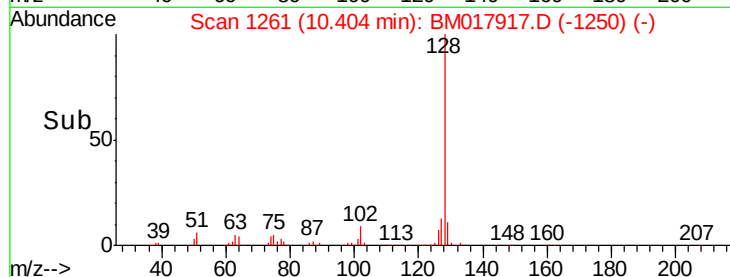
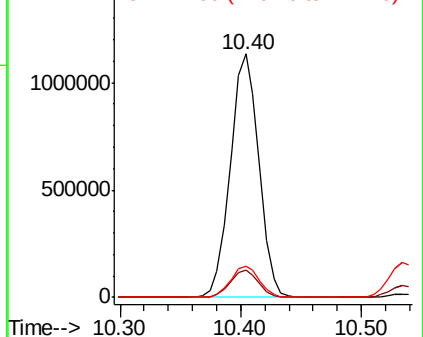
#31
Naphthalene
Concen: 38.210 ng
RT: 10.40 min Scan# 1261
Delta R.T. -0.04 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

Tgt Ion:128 Resp: 1860878
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.0 10.3 15.5

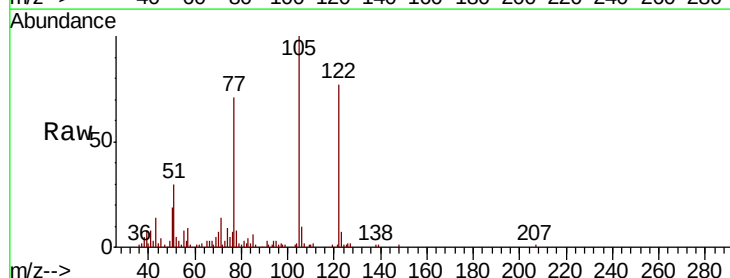


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

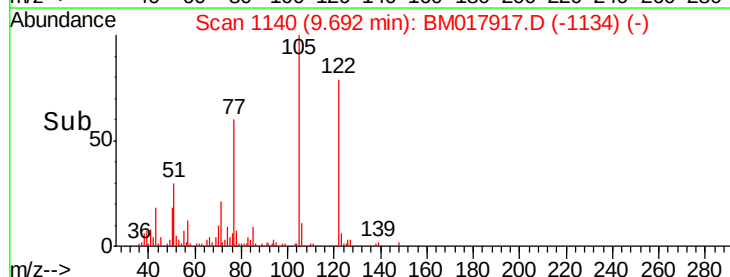
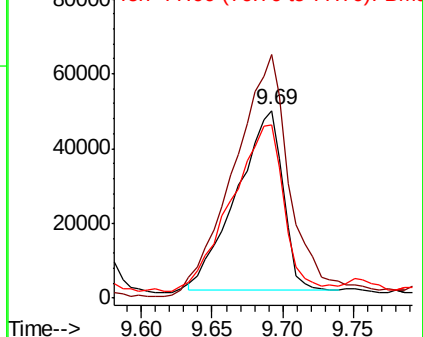


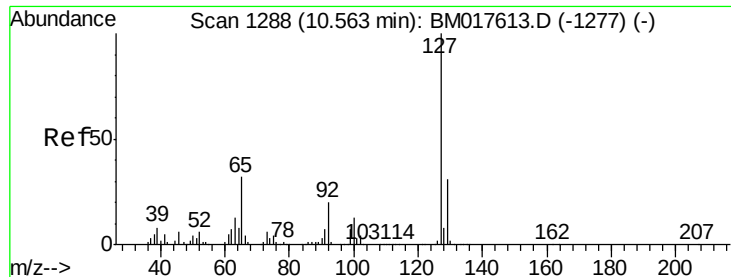
#32
Benzoic acid
Concen: 9.489 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.06 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:122 Resp: 111082
Ion Ratio Lower Upper
122 100
105 129.6 109.1 149.1
77 92.4 82.1 122.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

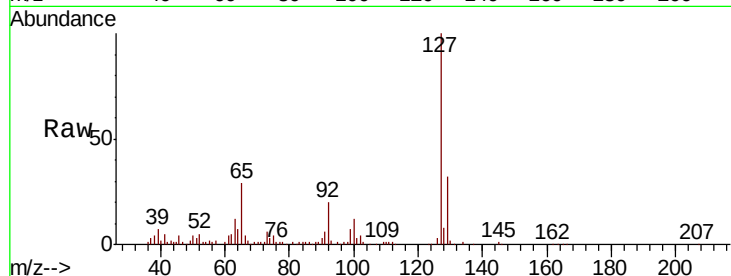




#33
4-Chloroaniline
Concen: 14.778 ng
RT: 10.53 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

Tgt Ion:	127	Resp:	315197
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.0	37.4
65	28.9	25.8	38.8
92	19.5	15.8	23.6



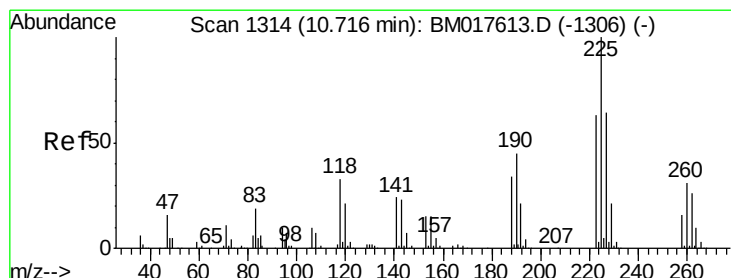
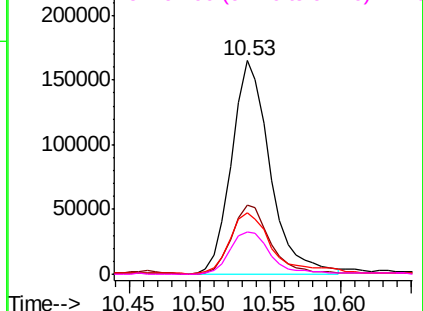
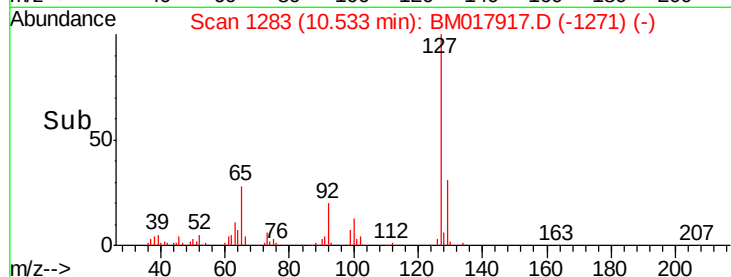
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

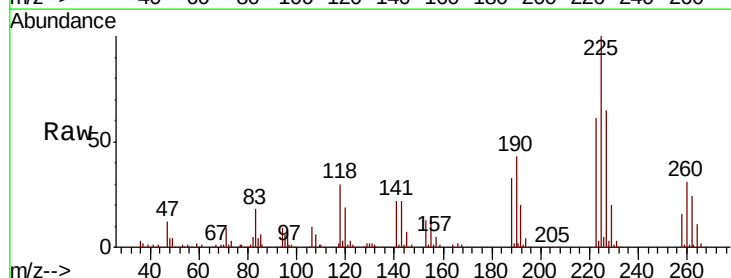
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 33.182 ng
RT: 10.67 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:	225	Resp:	359413
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.7	76.1
227	64.8	51.0	76.4

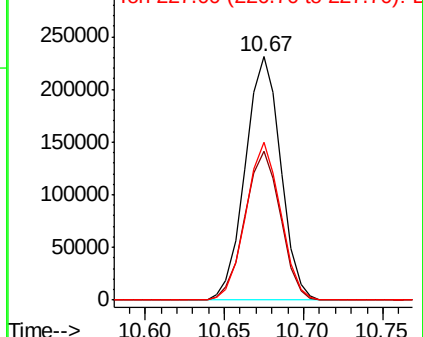
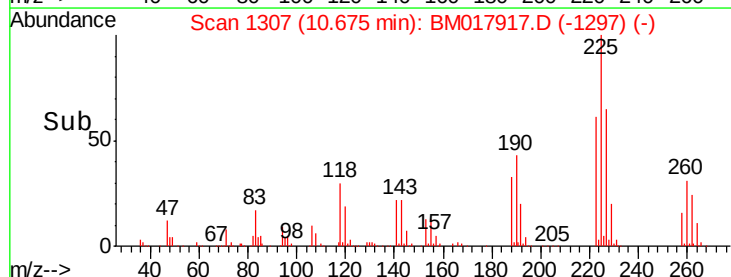


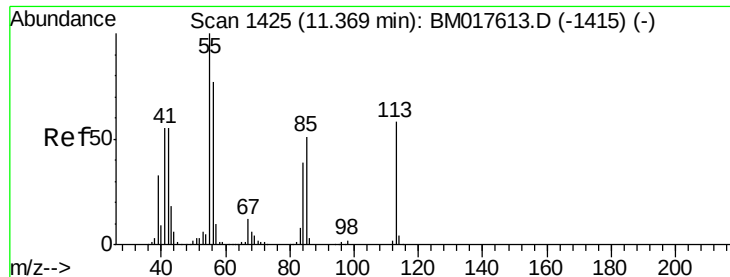
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.904 ng

RT: 11.35 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

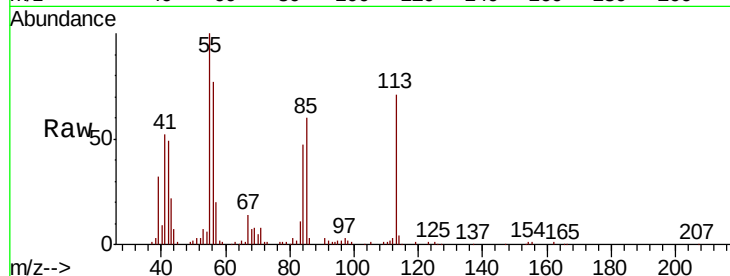
Tgt Ion:113 Resp: 165204

Ion Ratio Lower Upper

113 100

55 140.0 153.1 193.1#

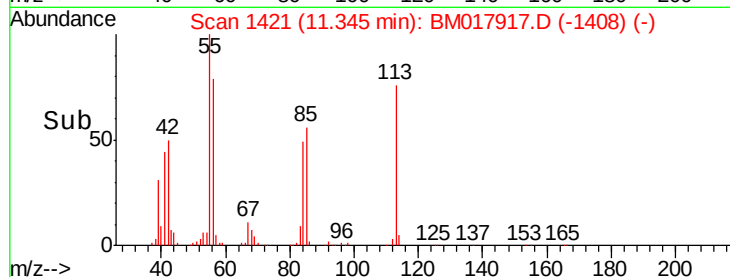
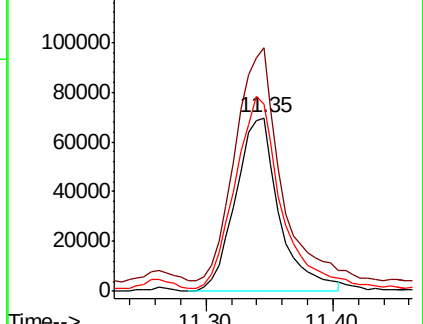
56 107.7 112.7 152.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 32.741 ng

RT: 11.67 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

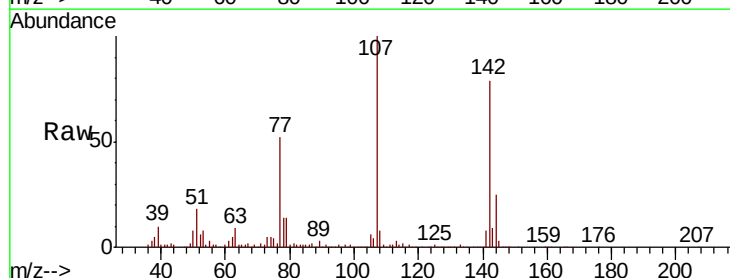
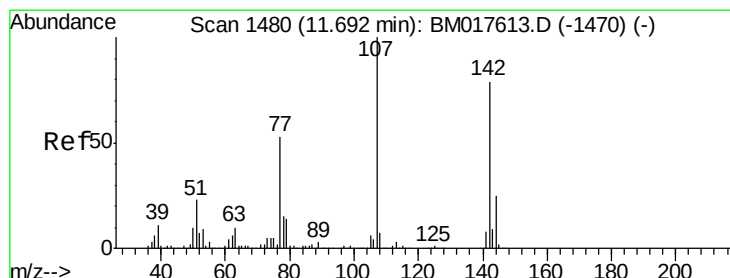
Tgt Ion:107 Resp: 567074

Ion Ratio Lower Upper

107 100

144 25.1 19.9 29.9

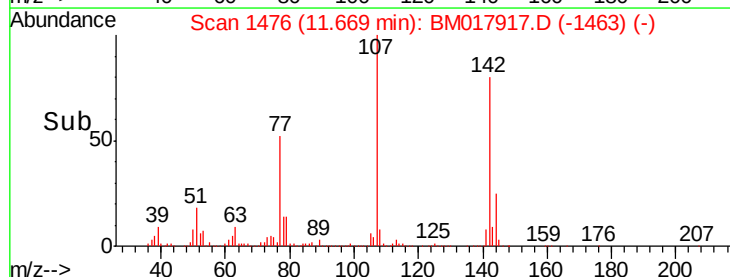
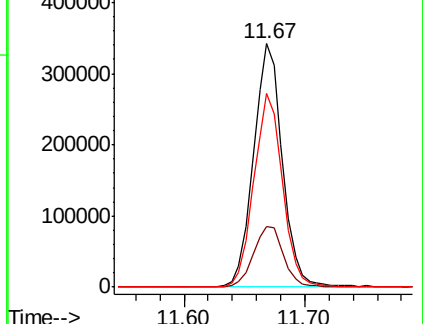
142 79.5 63.0 94.4

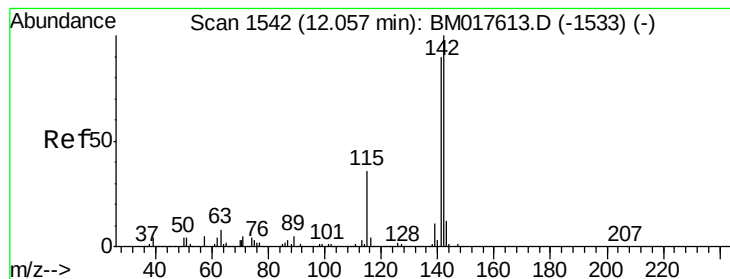


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.564 ng

RT: 12.03 min Scan# 1537

Delta R.T. -0.03 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

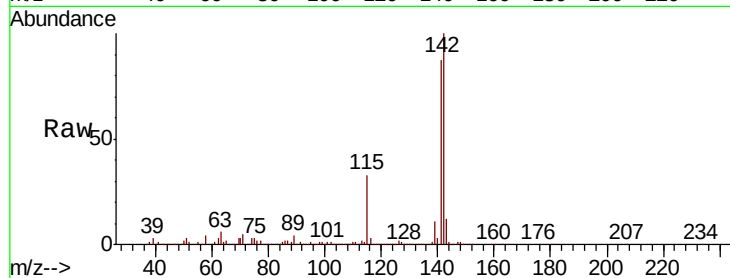
Tgt Ion:142 Resp: 1327395

Ion Ratio Lower Upper

142 100

141 86.9 72.2 108.4

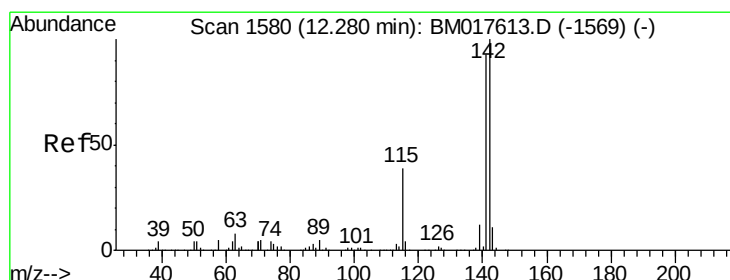
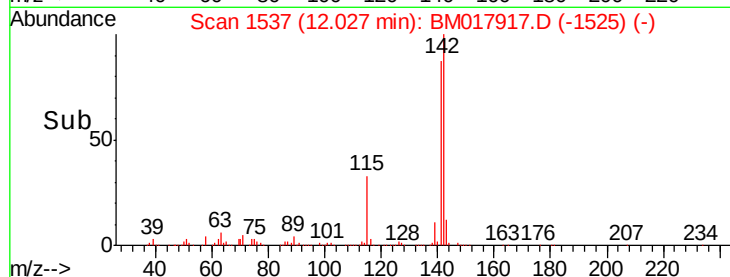
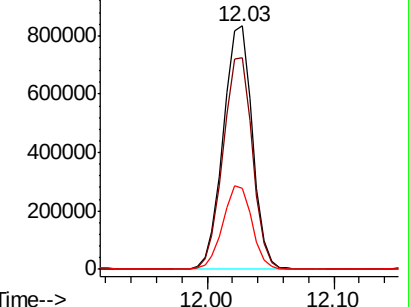
115 33.5 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.254 ng

RT: 12.25 min Scan# 1574

Delta R.T. -0.04 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

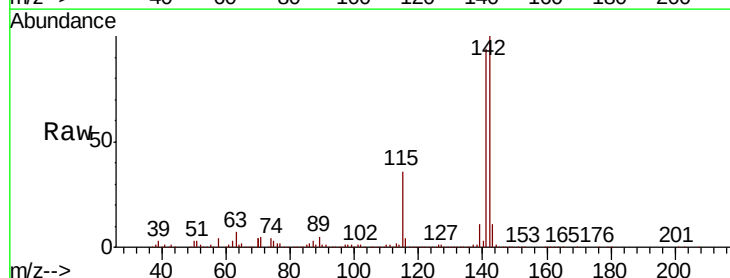
Tgt Ion:142 Resp: 1223573

Ion Ratio Lower Upper

142 100

141 93.9 74.2 111.4

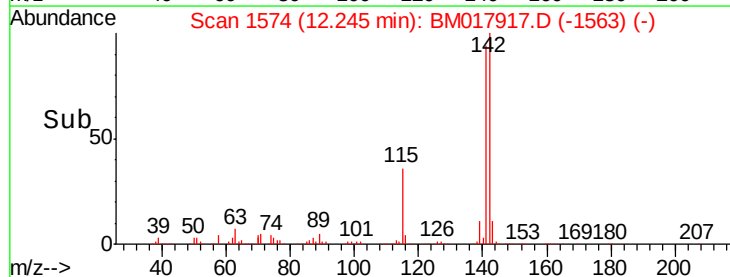
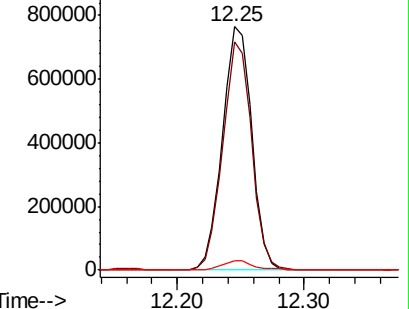
116 3.9 3.1 4.7

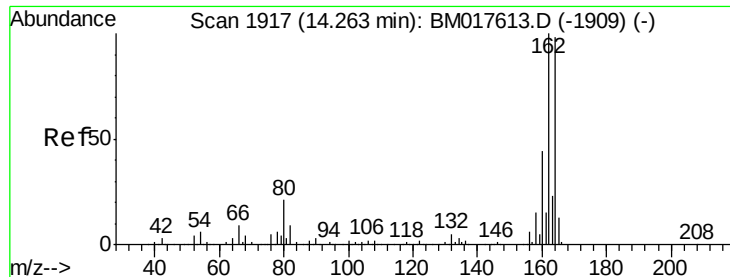


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

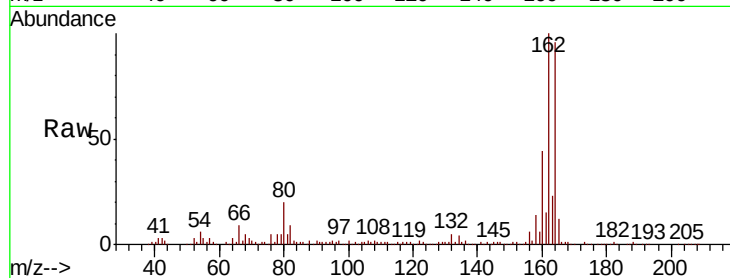
Tgt Ion:164 Resp: 475778

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

160 45.4 35.6 53.4

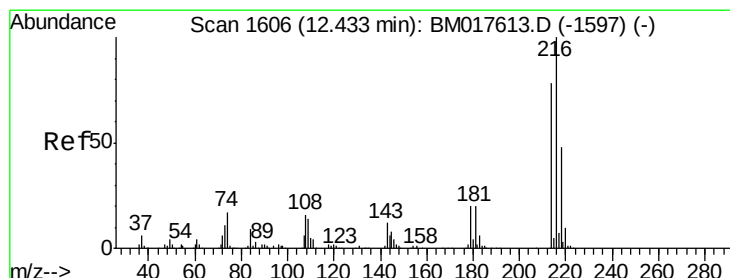
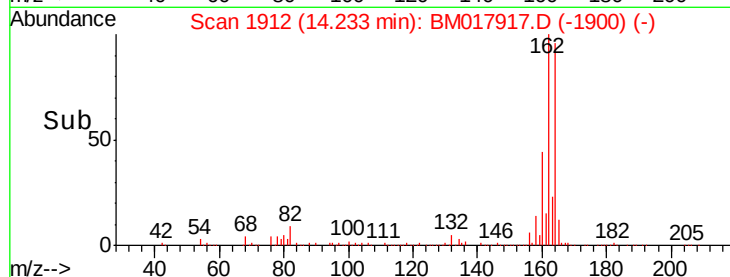
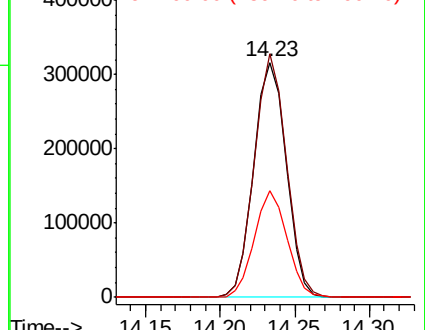


Abundance

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: 36.662 ng

RT: 12.40 min Scan# 1601

Delta R.T. -0.03 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Tgt Ion:216 Resp: 615084

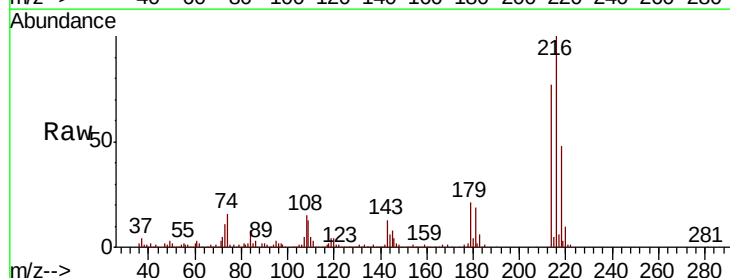
Ion Ratio Lower Upper

216 100

214 78.1 62.5 93.7

179 21.3 16.8 25.2

108 16.6 14.6 22.0



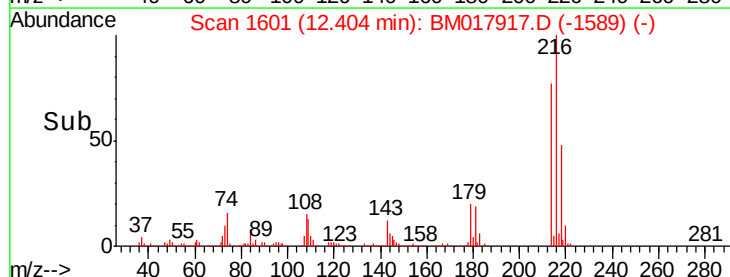
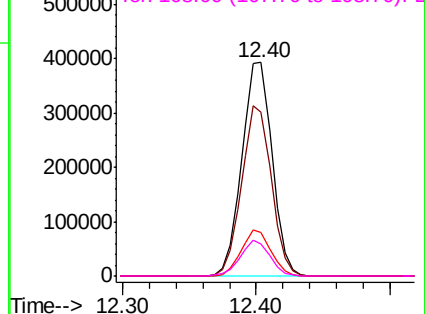
Abundance

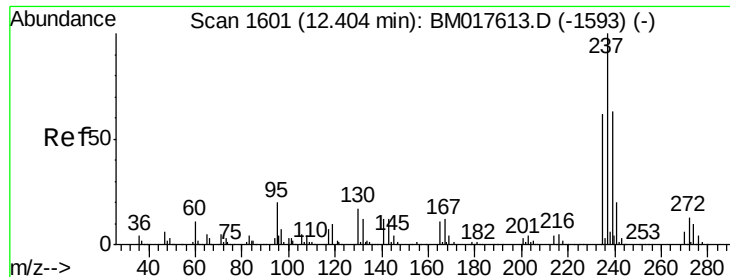
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 2.377 ng

RT: 12.36 min Scan# 1594

Delta R.T. -0.04 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

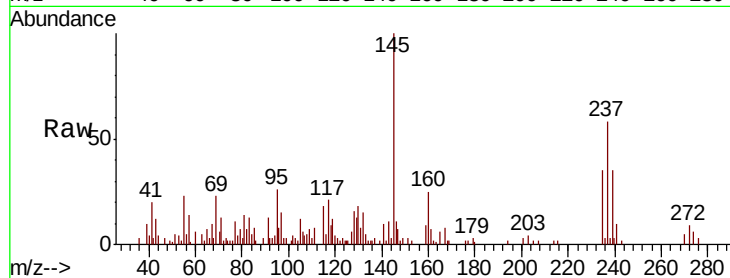
Tgt Ion: 237 Resp: 20606

Ion Ratio Lower Upper

237 100

235 60.6 42.2 82.2

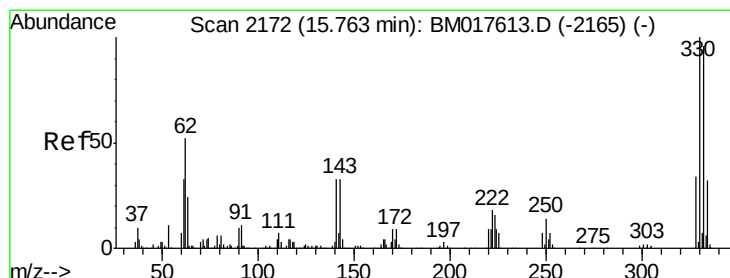
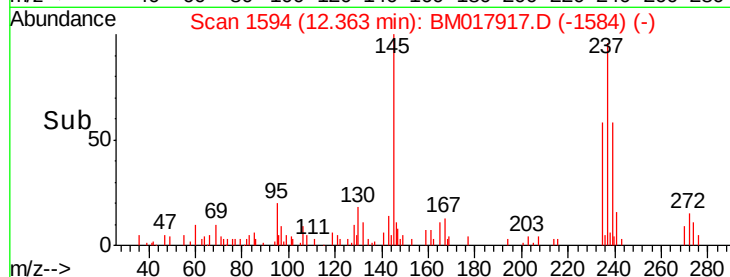
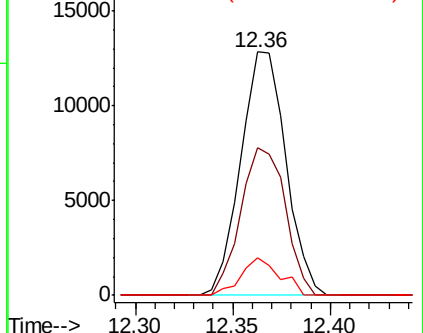
272 15.3 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 97.368 ng

RT: 15.74 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

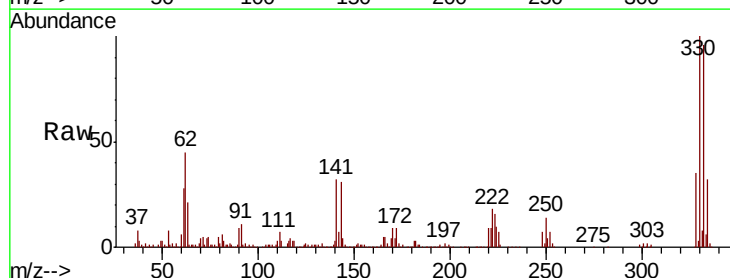
Tgt Ion: 330 Resp: 665630

Ion Ratio Lower Upper

330 100

332 96.3 77.9 116.9

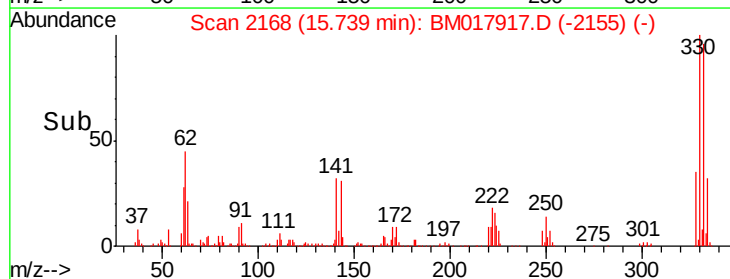
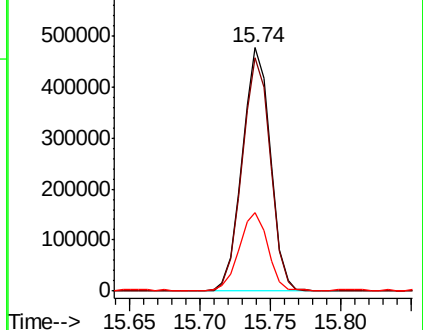
141 32.1 27.5 41.3

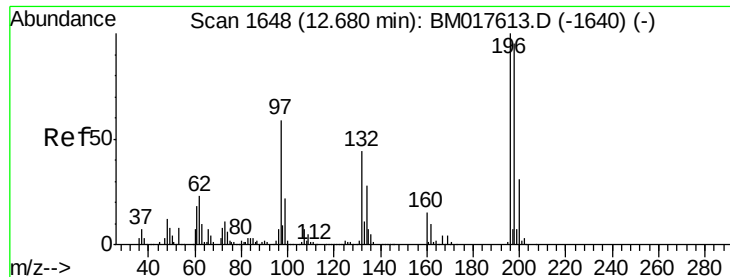


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

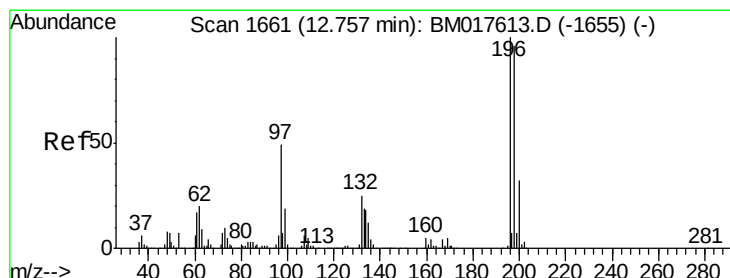
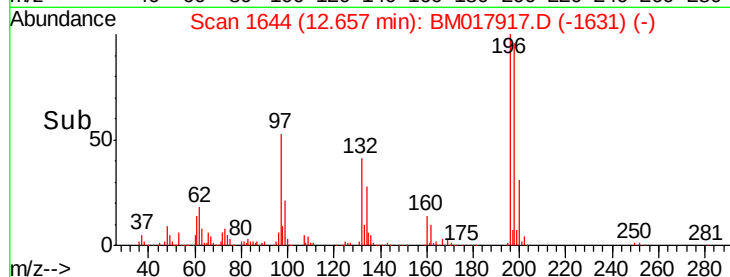
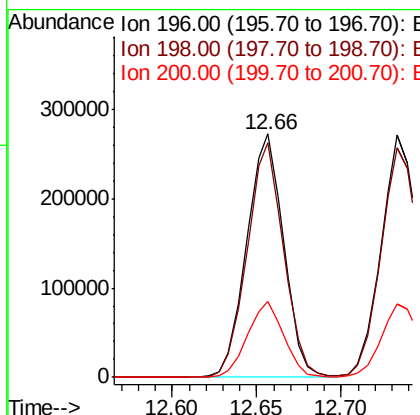
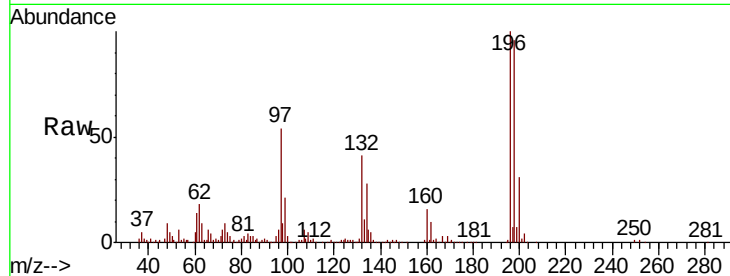




#43
 2,4,6-Trichlorophenol
 Concen: 39.532 ng
 RT: 12.66 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

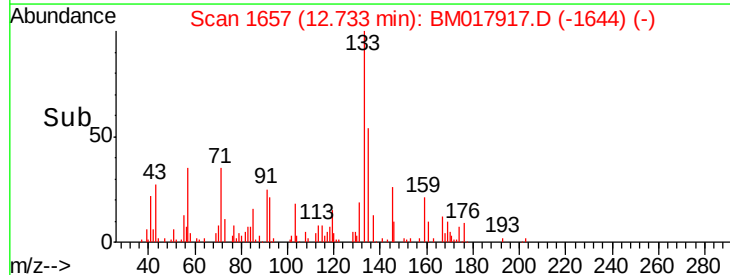
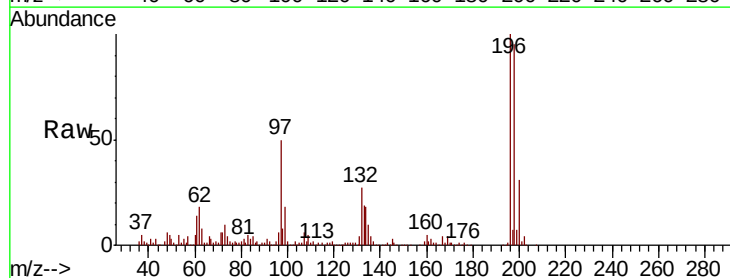
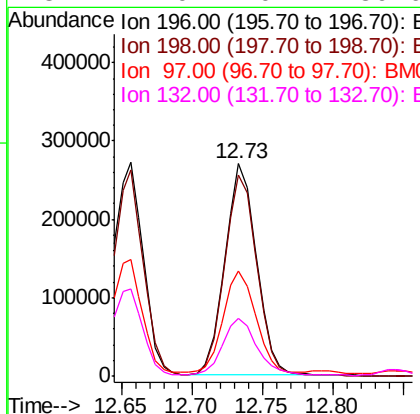
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MSD

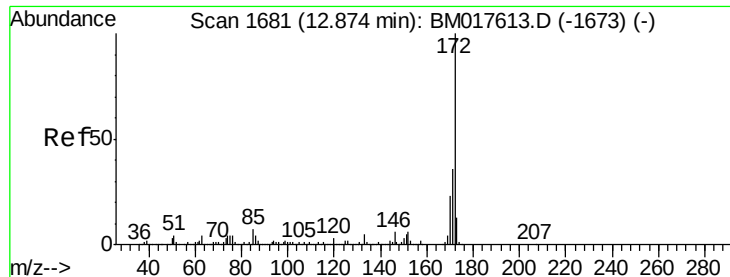
Tgt Ion:196 Resp: 415426
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.6 113.4
 200 31.1 24.8 37.2



#44
 2,4,5-Trichlorophenol
 Concen: 38.003 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

Tgt Ion:196 Resp: 421680
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.8 115.2
 97 49.7 39.0 58.6
 132 27.0 20.4 30.6

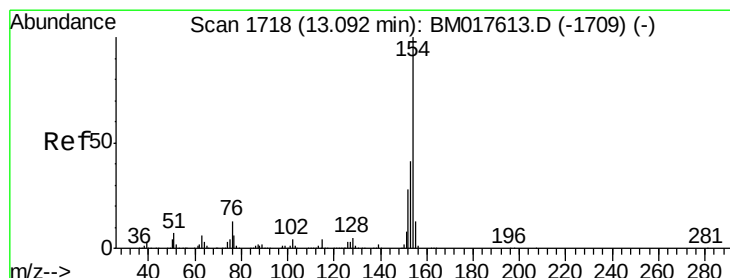
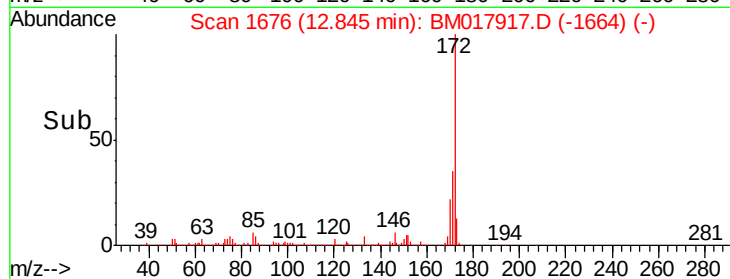
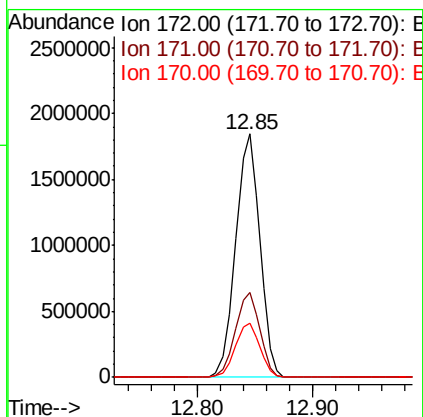
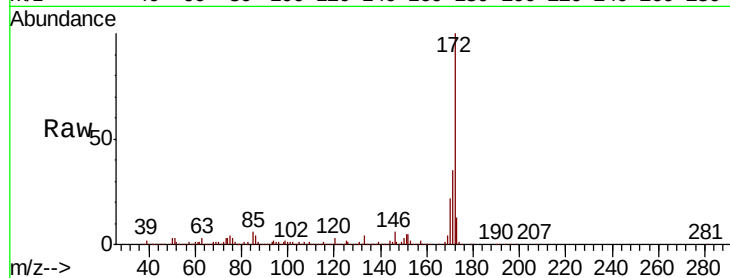




#45
 2-Fluorobiphenyl
 Concen: 72.982 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.03 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

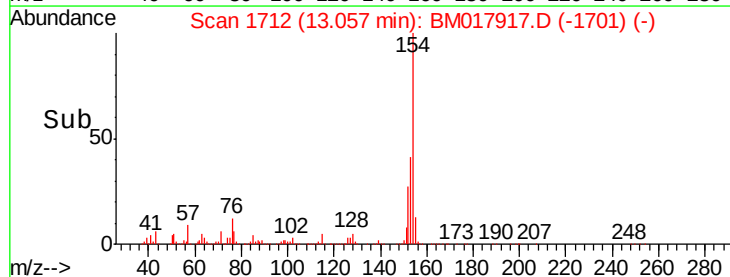
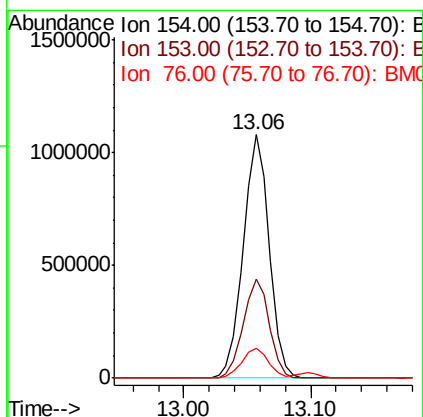
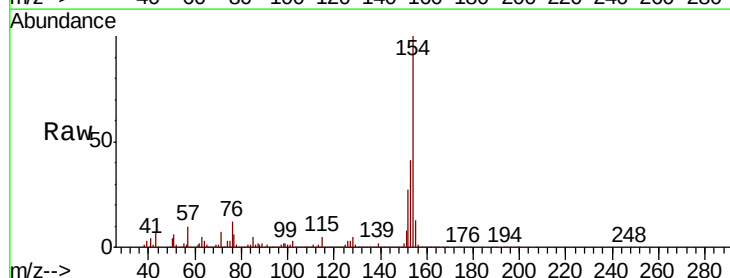
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MSD

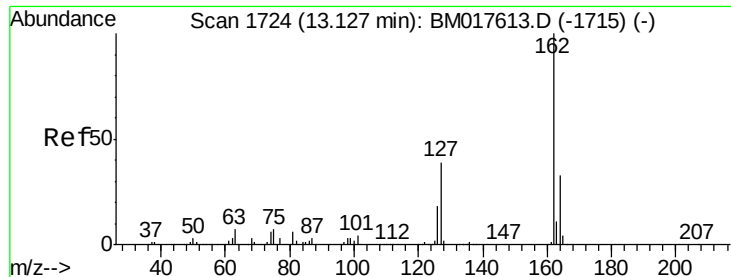
Tgt Ion:172 Resp: 2676524
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.7 43.1
 170 22.3 18.3 27.5



#46
 1,1'-Biphenyl
 Concen: 35.700 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

Tgt Ion:154 Resp: 1524603
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.8 60.8
 76 12.2 0.0 32.8

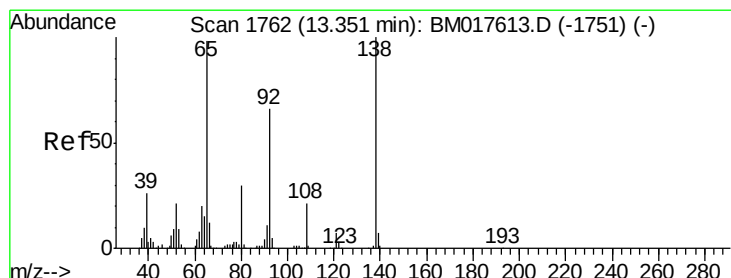
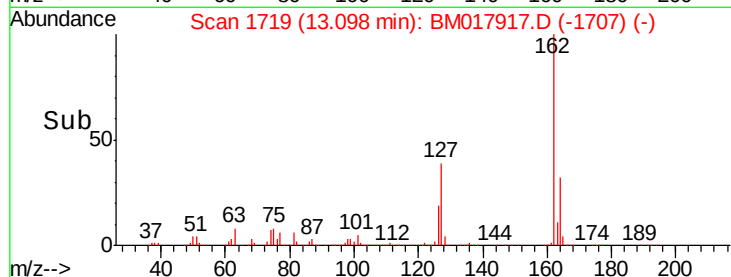
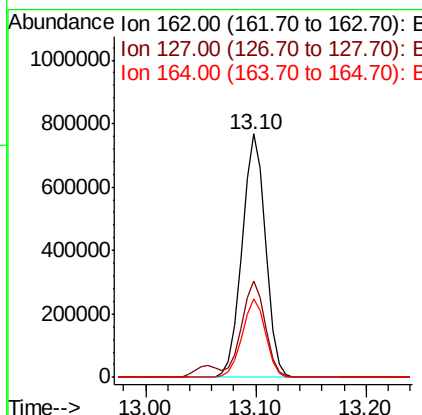
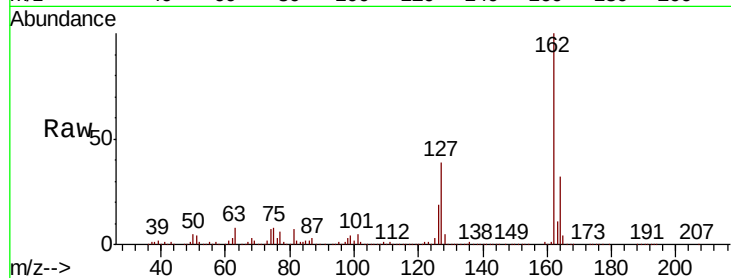




#47
 2-Chloronaphthalene
 Concen: 36.116 ng
 RT: 13.10 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

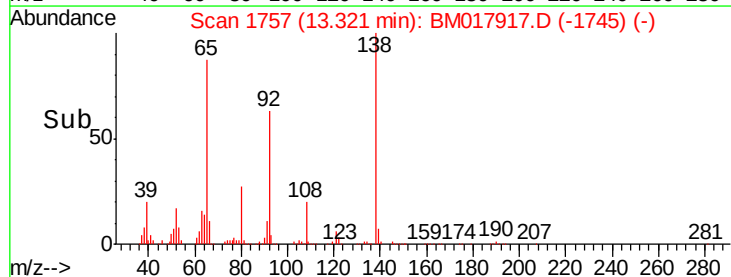
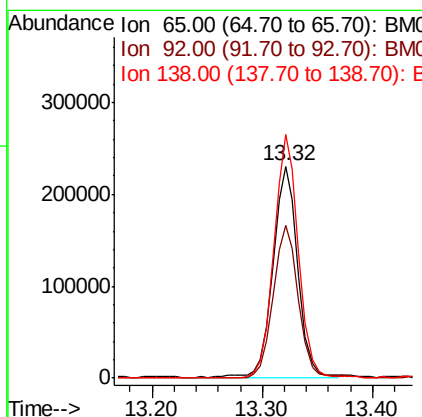
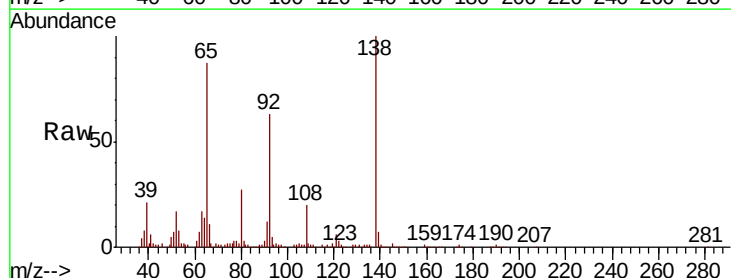
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MSD

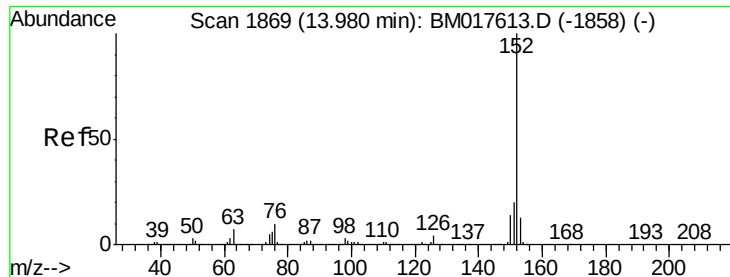
Tgt Ion: 162 Resp: 1144830
 Ion Ratio Lower Upper
 162 100
 127 39.3 32.6 48.8
 164 32.3 26.5 39.7



#48
 2-Nitroaniline
 Concen: 36.412 ng
 RT: 13.32 min Scan# 1757
 Delta R.T. -0.03 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

Tgt Ion: 65 Resp: 356943
 Ion Ratio Lower Upper
 65 100
 92 71.9 53.7 80.5
 138 114.9 81.5 122.3





#49

Acenaphthylene

Concen: 38.343 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.03 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

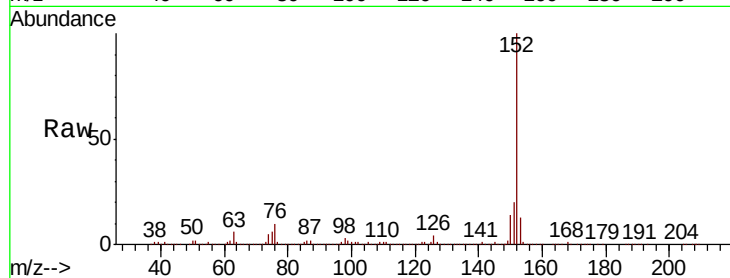
Tgt Ion:152 Resp: 1826086

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

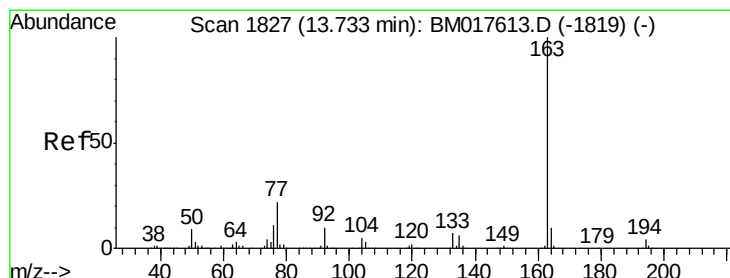
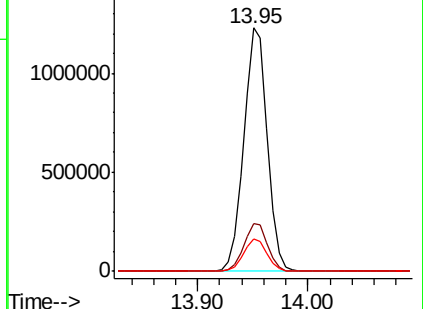
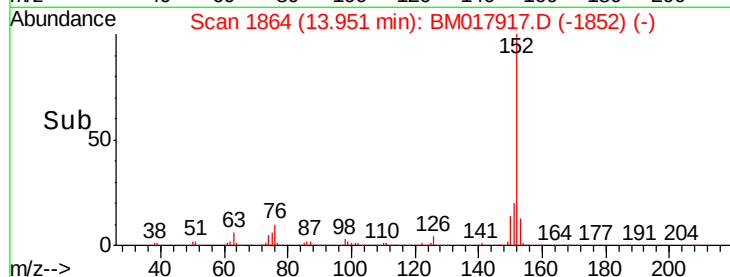
153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.228 ng

RT: 13.70 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

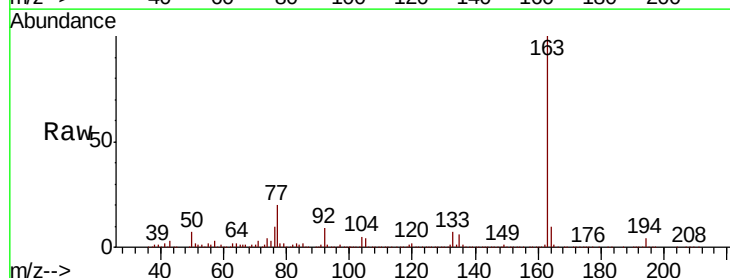
Tgt Ion:163 Resp: 1749538

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

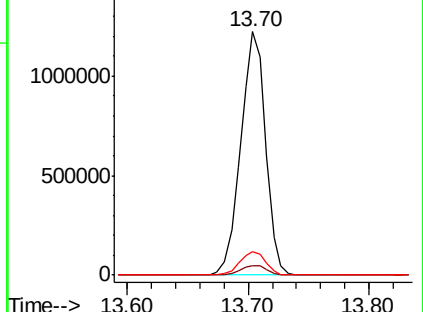
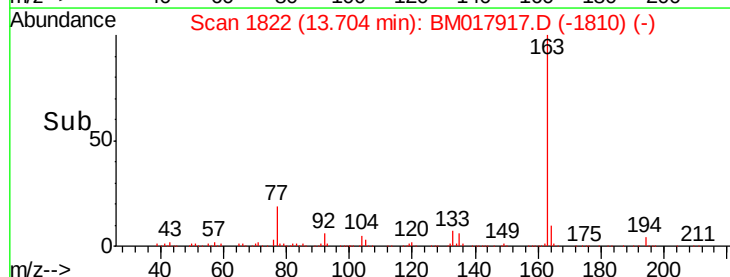
164 9.9 8.2 12.4

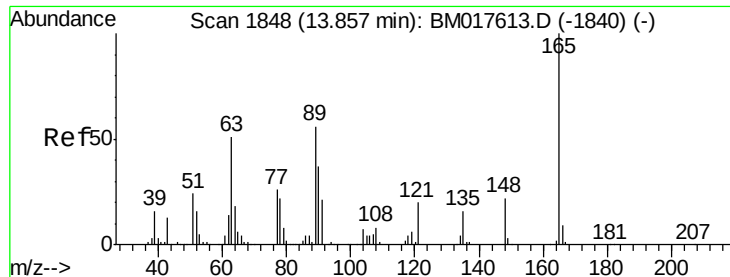


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

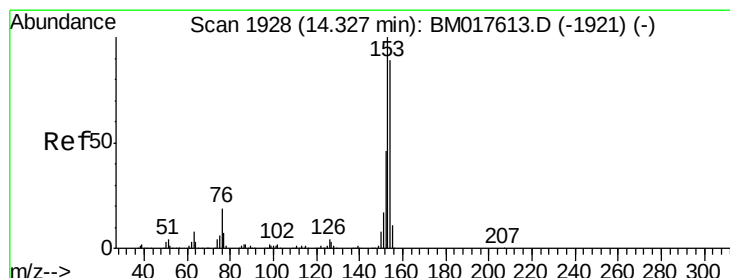
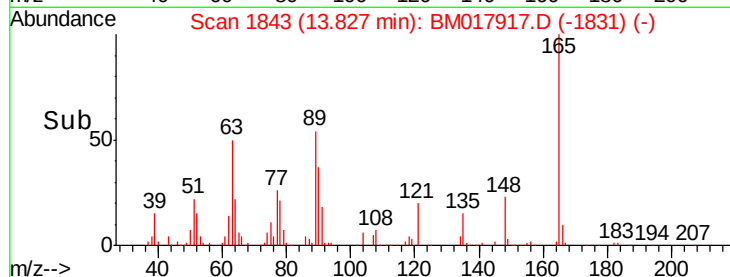
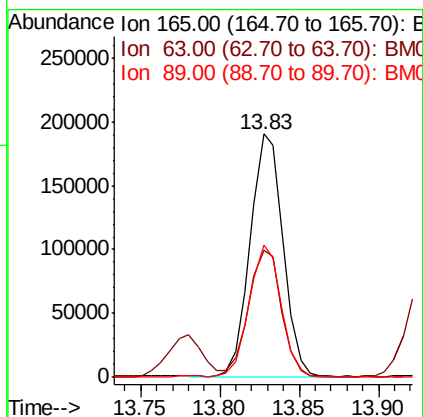
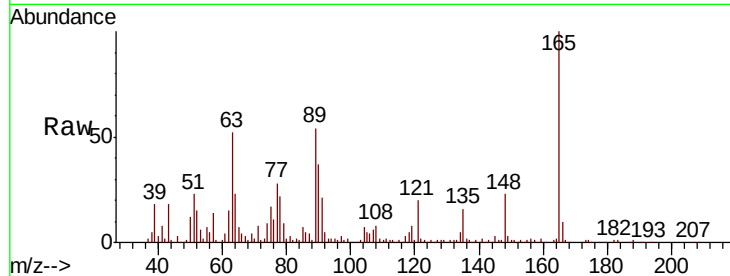




#51
 2,6-Dinitrotoluene
 Concen: 31.577 ng
 RT: 13.83 min Scan# 1843
 Delta R.T. -0.03 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

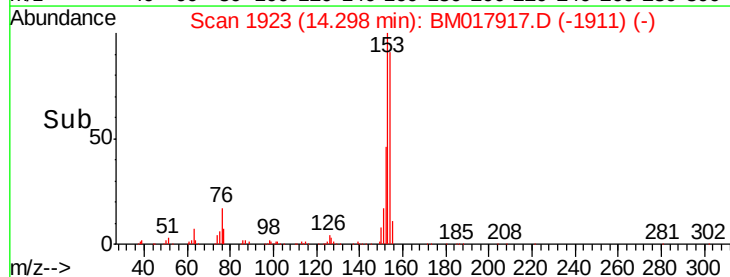
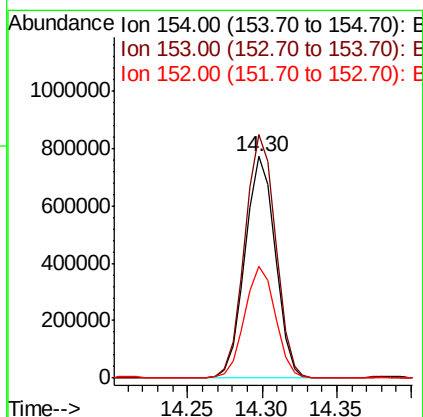
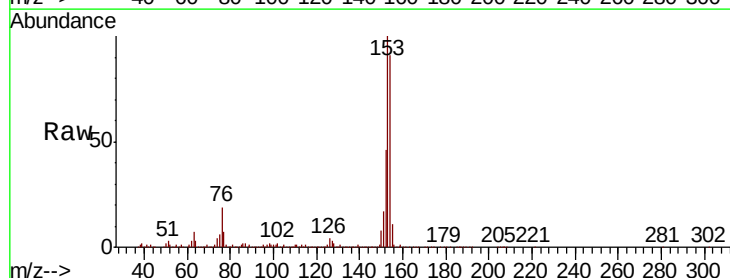
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MSD

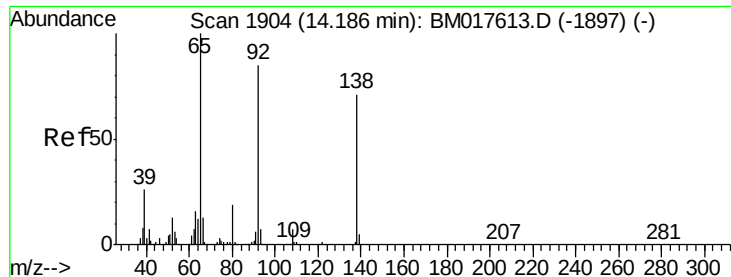
Tgt Ion:165 Resp: 271991
 Ion Ratio Lower Upper
 165 100
 63 52.1 47.3 70.9
 89 54.3 44.8 67.2



#52
 Acenaphthene
 Concen: 37.040 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

Tgt Ion:154 Resp: 1082614
 Ion Ratio Lower Upper
 154 100
 153 109.9 90.2 135.4
 152 50.2 41.6 62.4

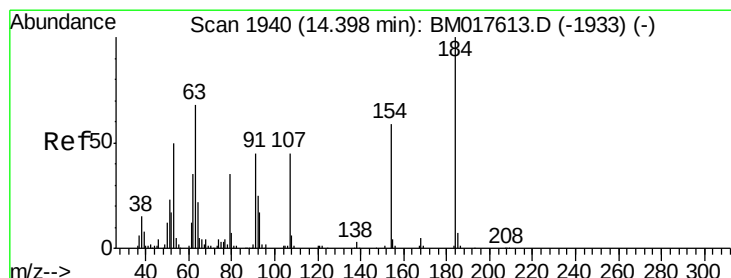
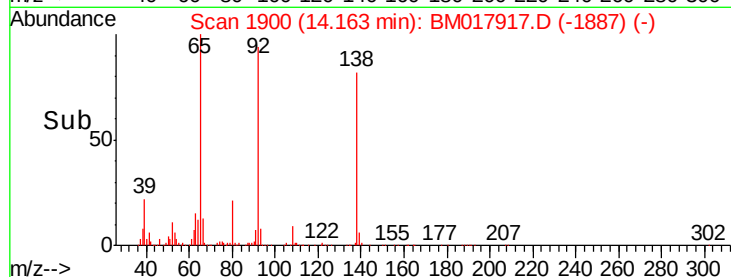
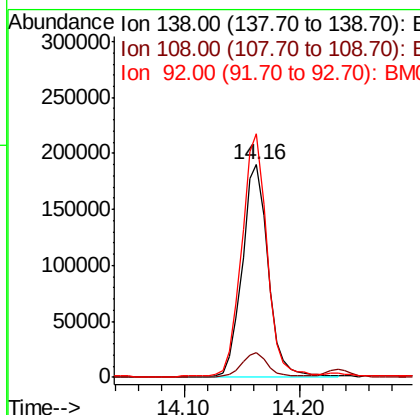
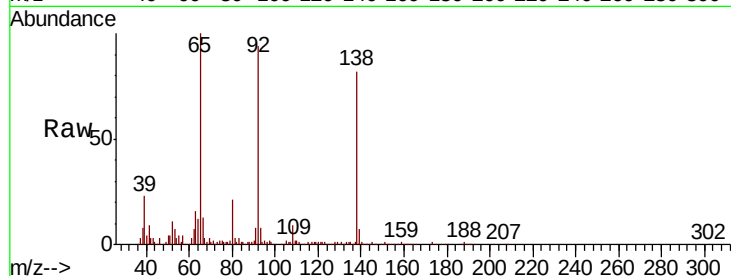




#53
3-Nitroaniline
Concen: 31.891 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

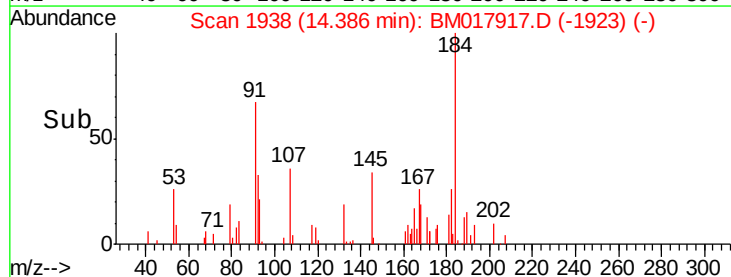
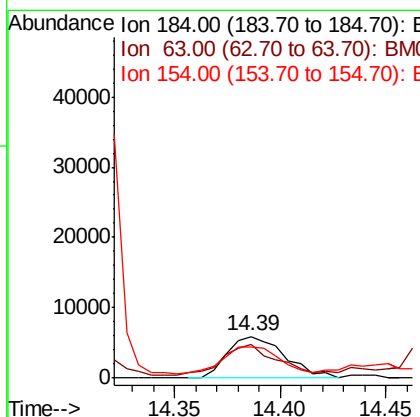
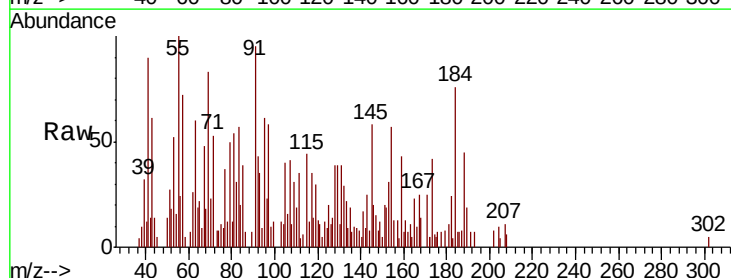
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

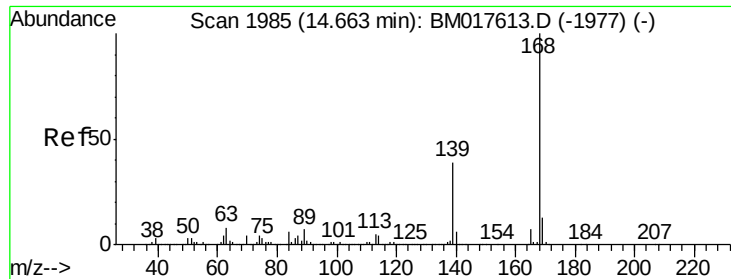
Tgt Ion:138 Resp: 299073
Ion Ratio Lower Upper
138 100
108 11.4 8.2 12.2
92 114.6 95.4 143.2



#54
2,4-Dinitrophenol
Concen: 9.055 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:184 Resp: 11153
Ion Ratio Lower Upper
184 100
63 79.1 55.1 82.7
154 75.1 51.3 76.9





#55

Dibenzofuran

Concen: 35.497 ng

RT: 14.64 min Scan# 1981

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

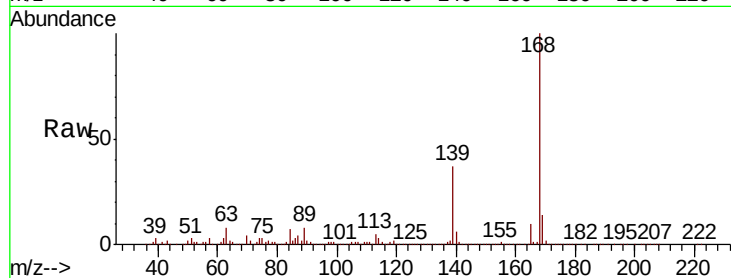
Tgt Ion:168 Resp: 1695503

Ion Ratio Lower Upper

168 100

139 36.9 31.0 46.6

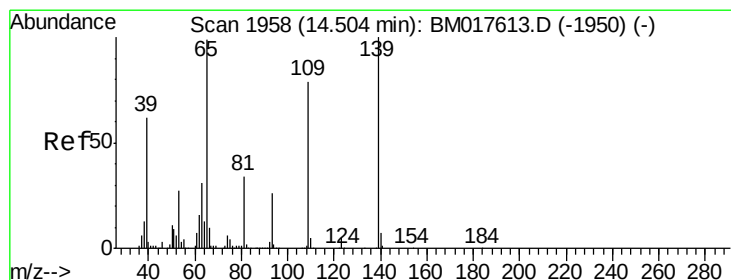
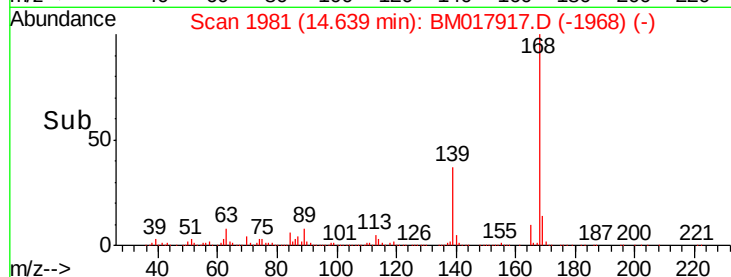
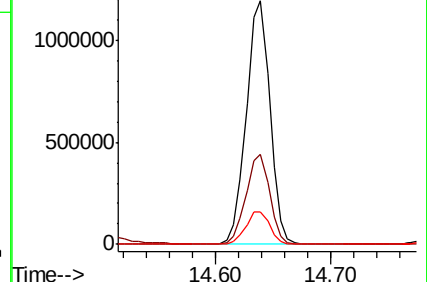
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 59.809 ng

RT: 14.49 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

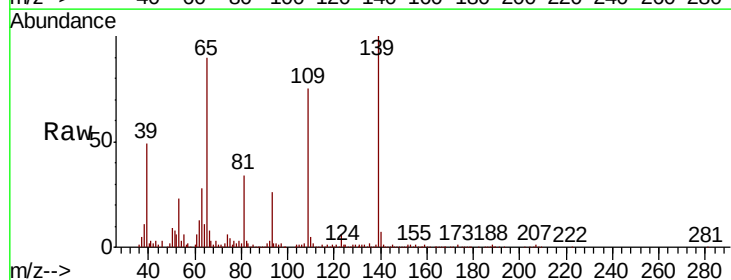
Tgt Ion:139 Resp: 460949

Ion Ratio Lower Upper

139 100

109 74.8 58.6 98.6

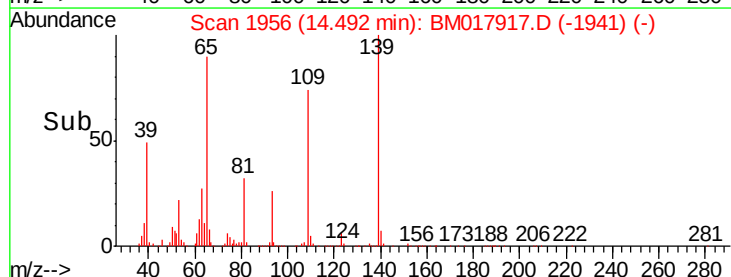
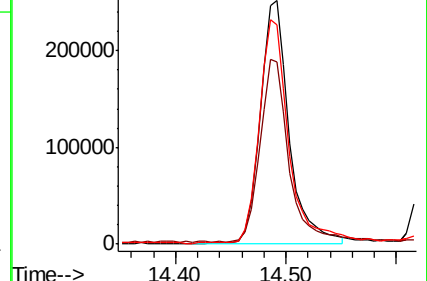
65 90.1 79.5 119.5

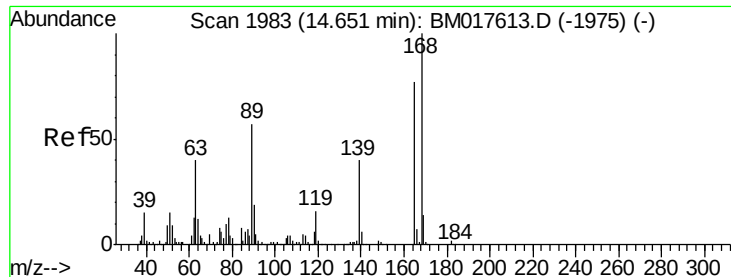


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

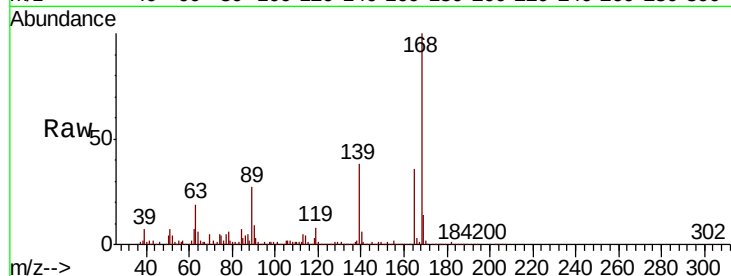




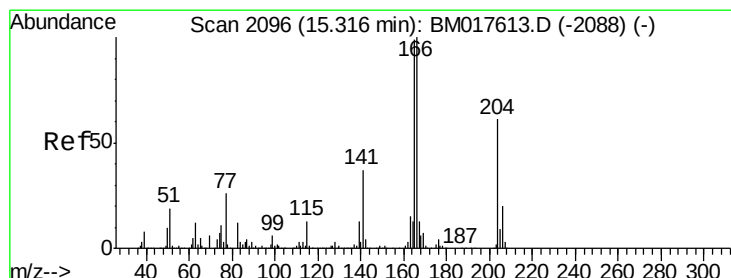
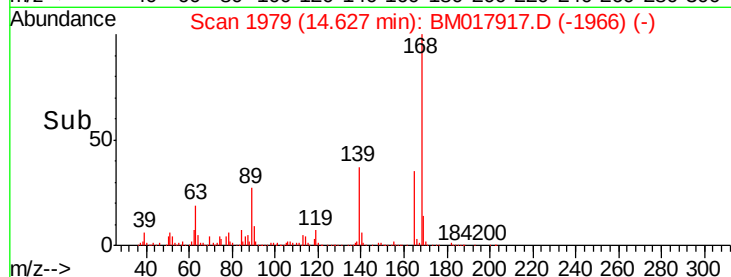
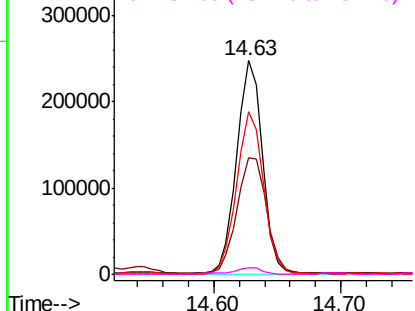
#57
2,4-Dinitrotoluene
Concen: 29.839 ng
RT: 14.63 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

Tgt Ion:165 Resp: 346463
Ion Ratio Lower Upper
165 100
63 54.5 41.8 62.8
89 76.2 59.5 89.3
182 3.1 2.3 3.5

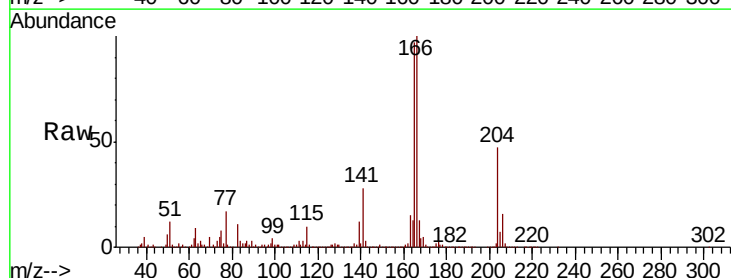


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

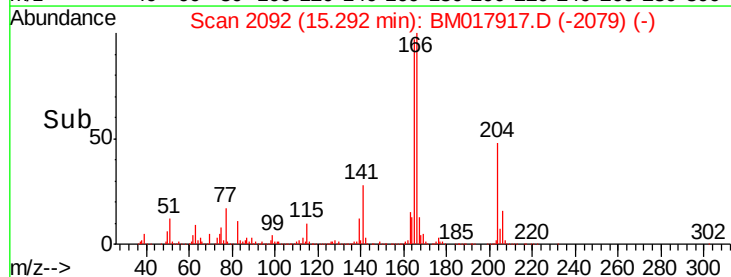
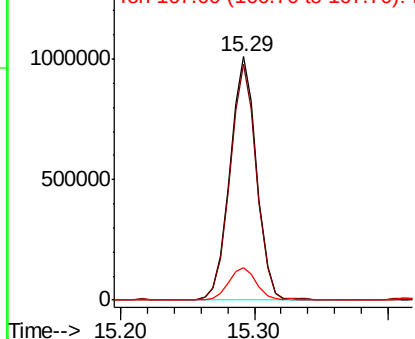


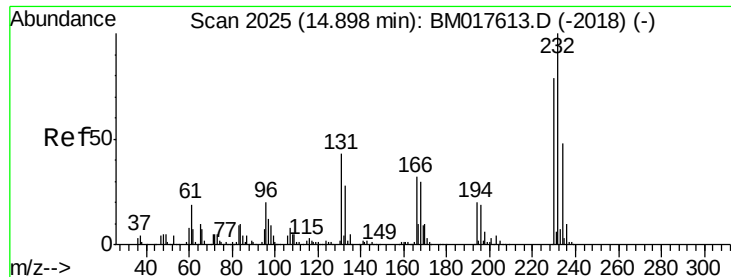
#58
Fluorene
Concen: 38.006 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:166 Resp: 1389747
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 13.3 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

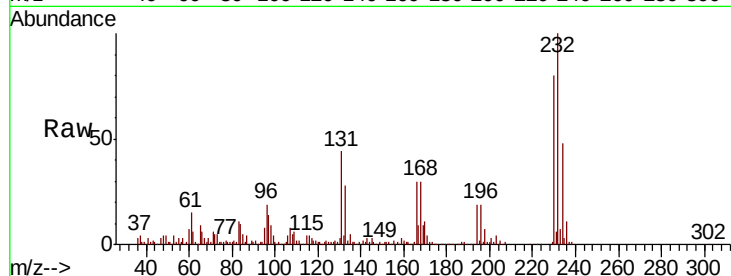




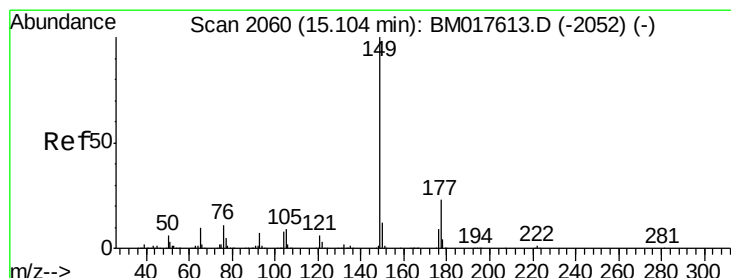
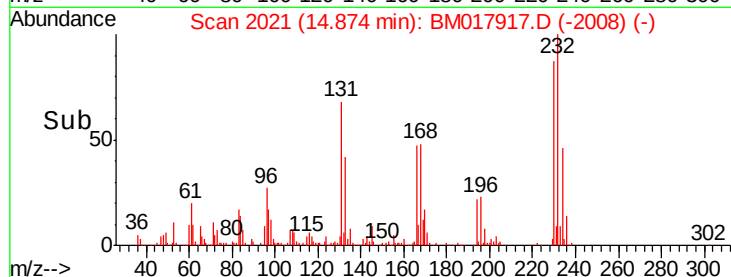
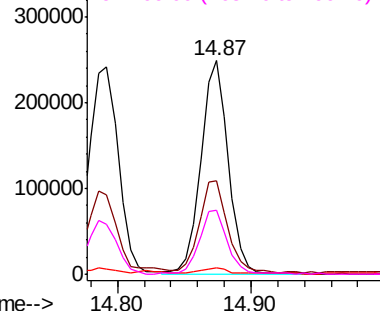
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.681 ng
 RT: 14.87 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MSD

Tgt Ion:	232	Resp:	353947
Ion	Ratio	Lower	Upper
232	100		
131	44.0	34.8	52.2
130	2.7	1.9	2.9
166	30.2	25.3	37.9

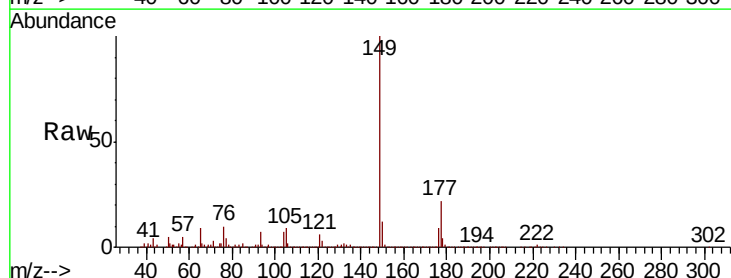


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

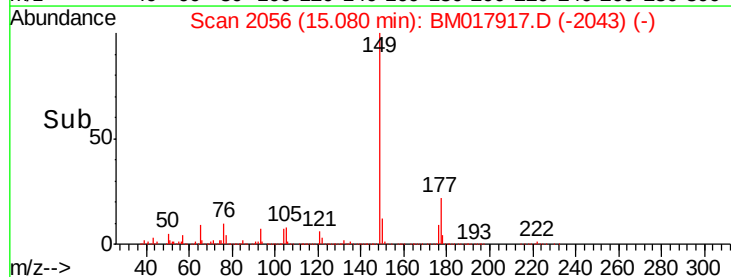
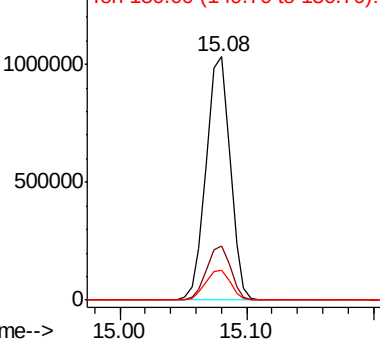


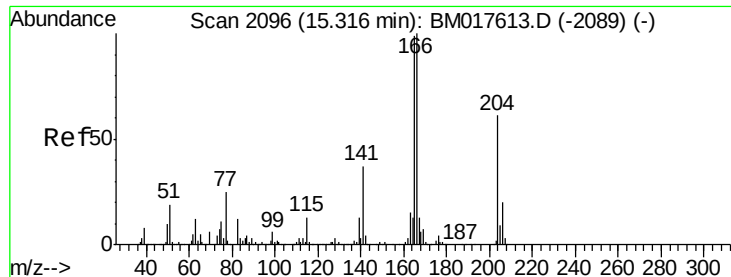
#60
 Diethylphthalate
 Concen: 32.250 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.02 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

Tgt Ion:	149	Resp:	1347898
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.1	27.1
150	12.1	9.9	14.9



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

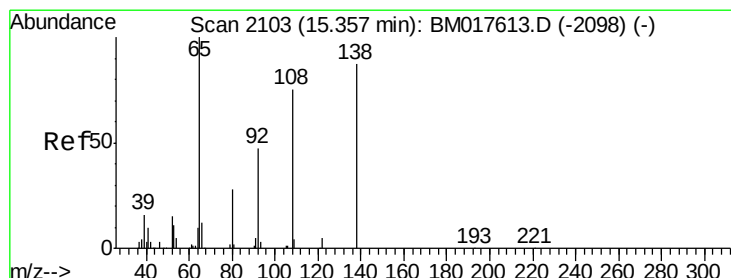
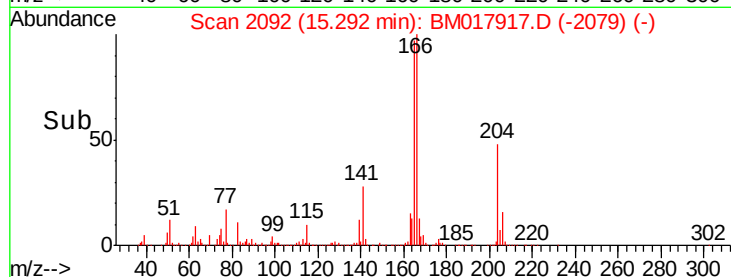
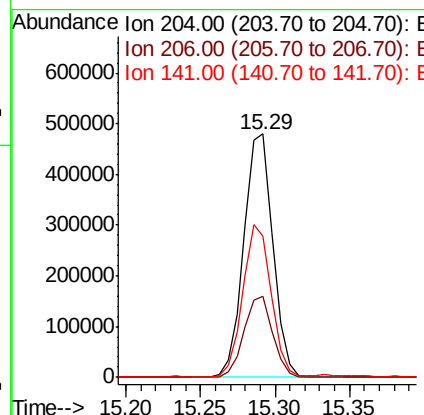
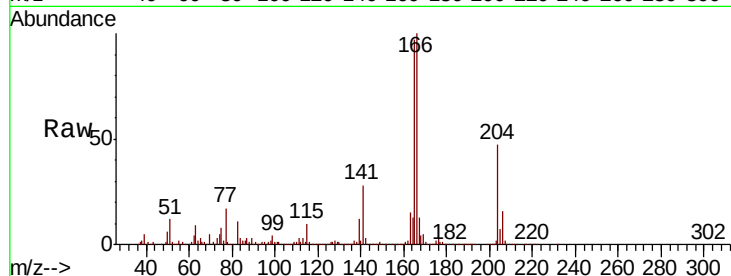




#61
4-Chlorophenyl-phenylether
Concen: 31.138 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

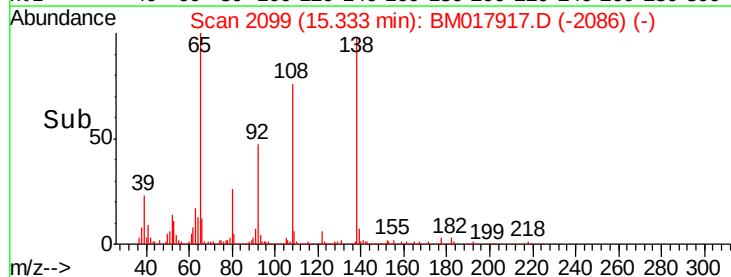
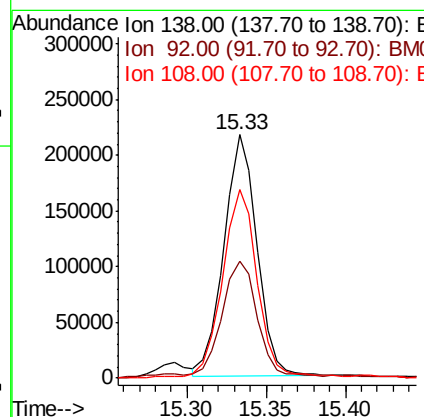
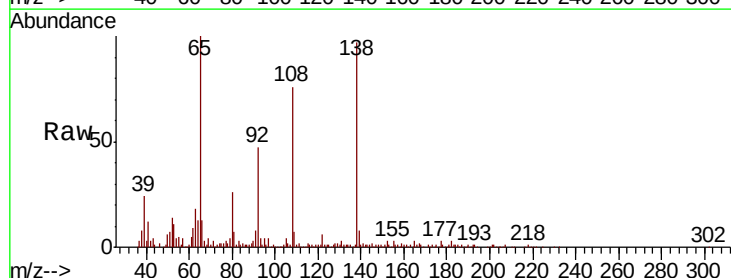
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

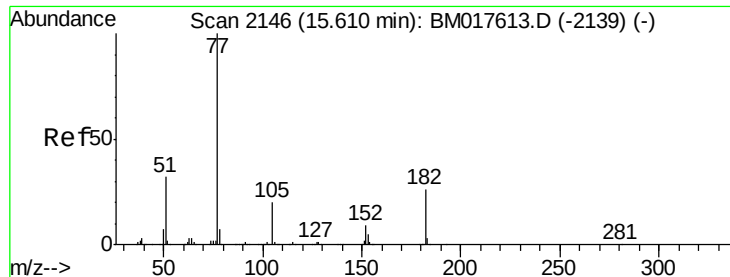
Tgt Ion:204 Resp: 646899
Ion Ratio Lower Upper
204 100
206 33.4 25.9 38.9
141 58.2 47.9 71.9



#62
4-Nitroaniline
Concen: 35.519 ng
RT: 15.33 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:138 Resp: 313926
Ion Ratio Lower Upper
138 100
92 48.0 33.4 73.4
108 77.5 64.3 104.3





#63

Azobenzene

Concen: 30.327 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

Tgt Ion: 77 Resp: 1171741

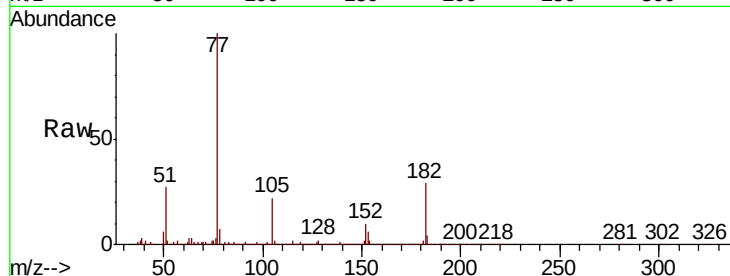
Ion Ratio Lower Upper

77 100

182 29.5 5.8 45.8

105 21.8 0.0 40.0

51 27.4 12.5 52.5

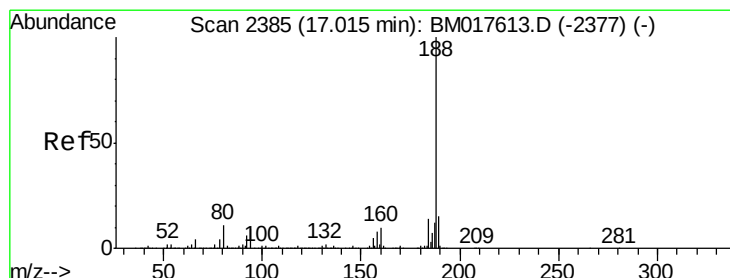
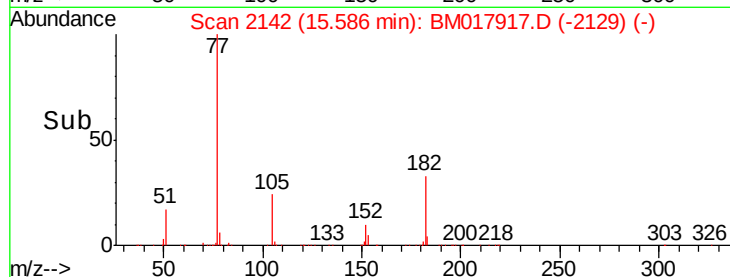
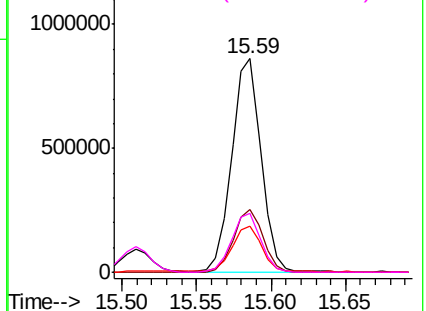


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

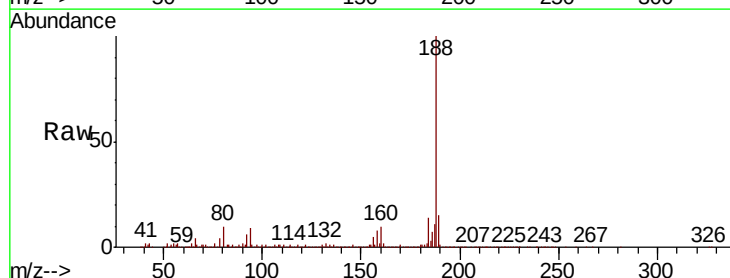
Tgt Ion: 188 Resp: 903146

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

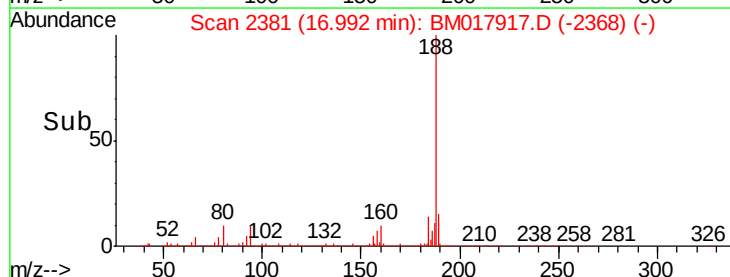
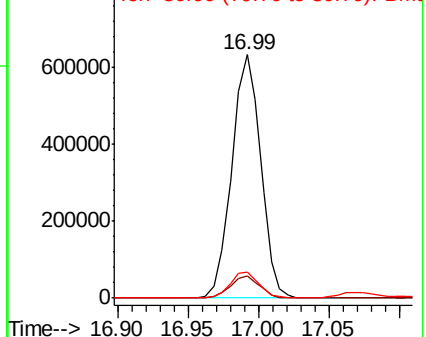
80 10.5 8.6 13.0

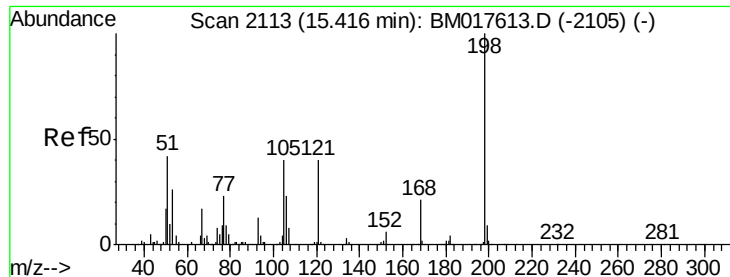


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

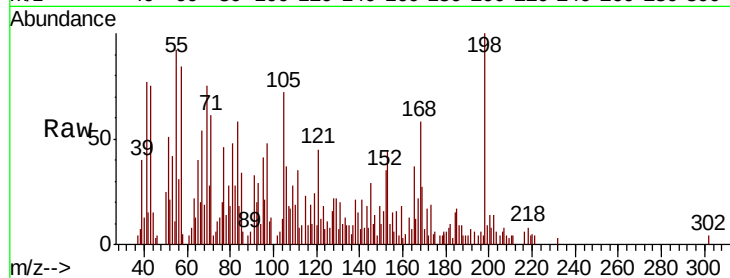




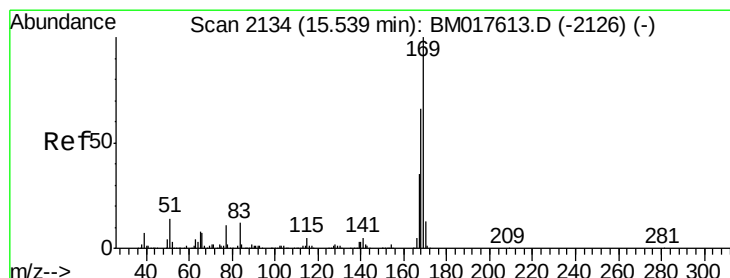
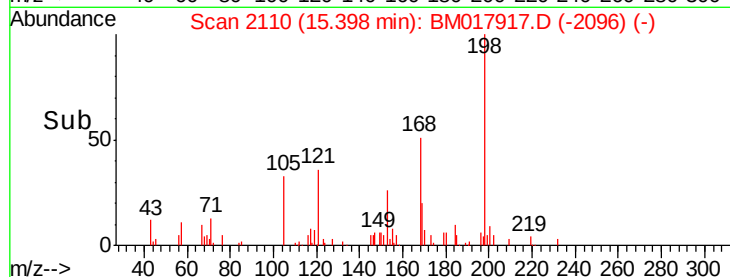
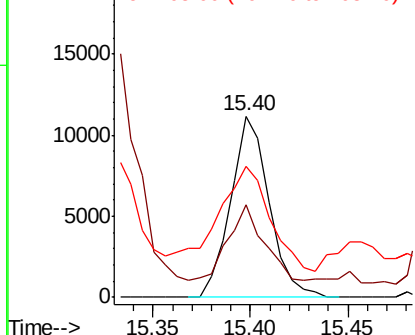
#65
4,6-Dinitro-2-methylphenol
Concen: 2.434 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

Tgt Ion:198 Resp: 15230
Ion Ratio Lower Upper
198 100
51 50.8 25.9 65.9
105 72.5 20.6 60.6#

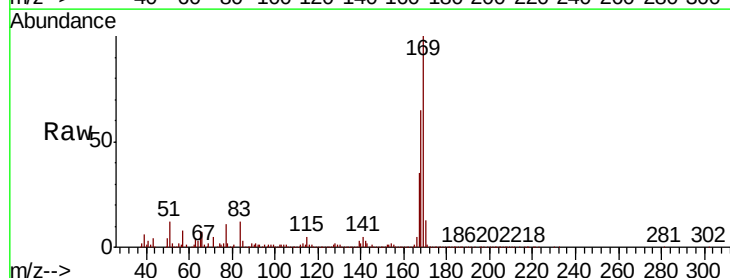


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

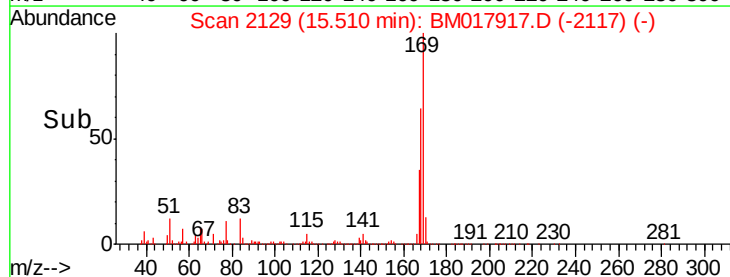
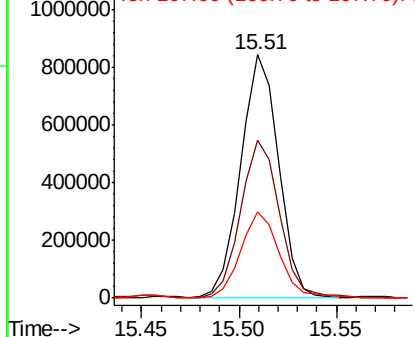


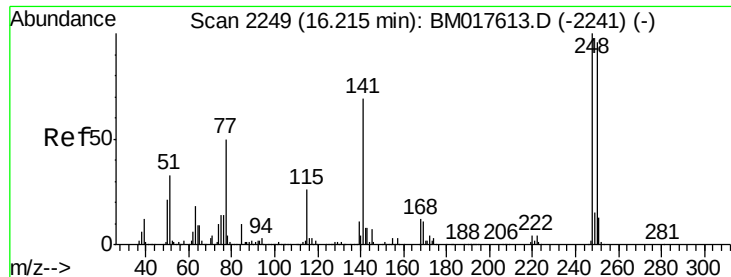
#66
n-Nitrosodiphenylamine
Concen: 38.715 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:169 Resp: 1124177
Ion Ratio Lower Upper
169 100
168 64.9 53.0 79.6
167 35.3 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

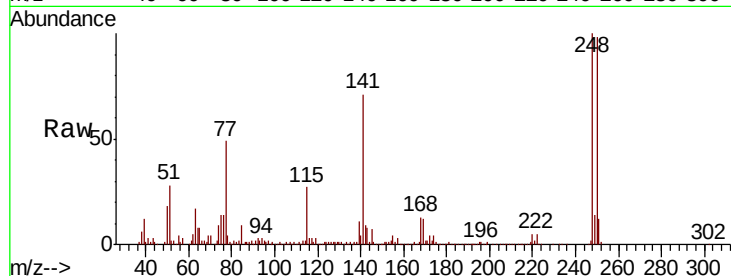




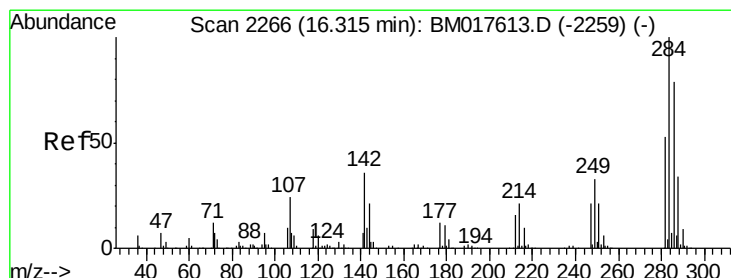
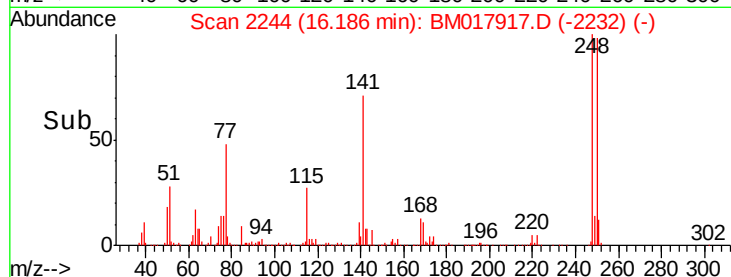
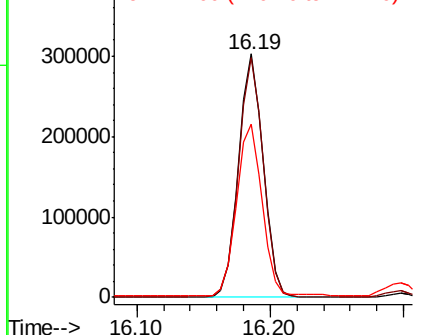
#67
4-Bromophenyl-phenylether
Concen: 36.447 ng
RT: 16.19 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

Tgt Ion:248 Resp: 389301
Ion Ratio Lower Upper
248 100
250 98.3 76.5 114.7
141 71.3 54.9 82.3

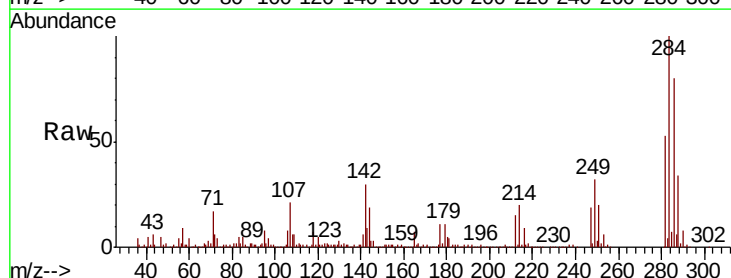


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

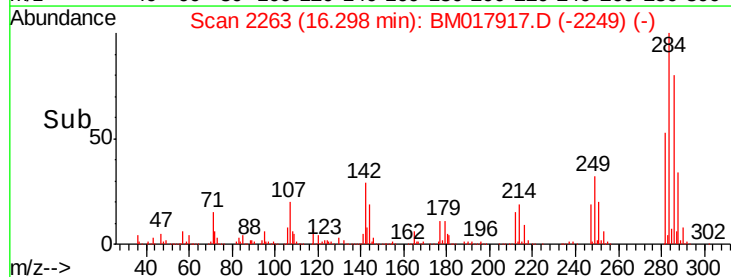
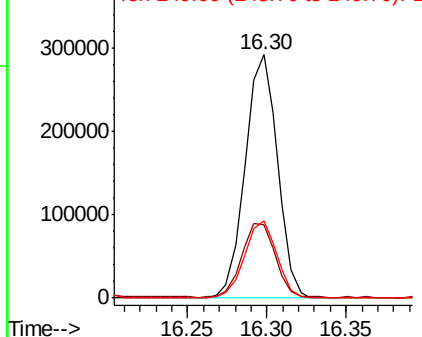


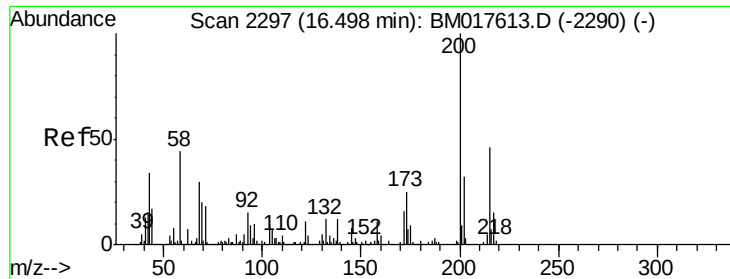
#68
Hexachlorobenzene
Concen: 34.332 ng
RT: 16.30 min Scan# 2263
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:284 Resp: 413404
Ion Ratio Lower Upper
284 100
142 29.9 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: 35.821 ng

RT: 16.47 min Scan# 2293

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

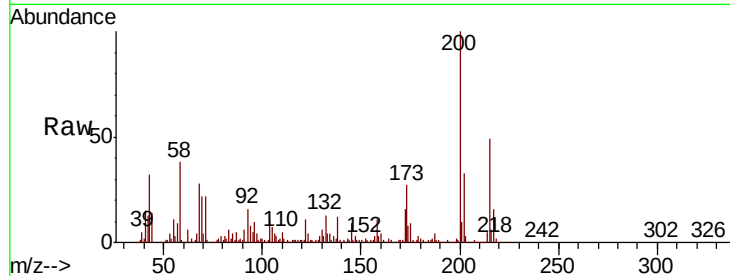
Tgt Ion:200 Resp: 382564

Ion Ratio Lower Upper

200 100

173 26.8 5.1 45.1

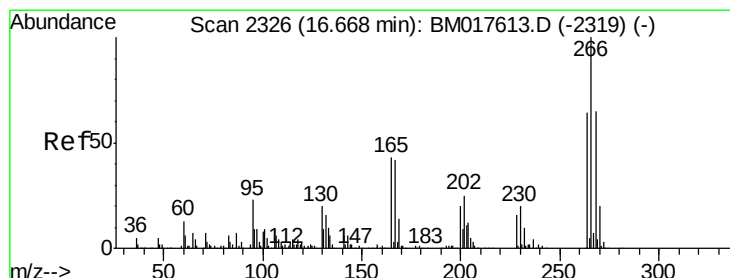
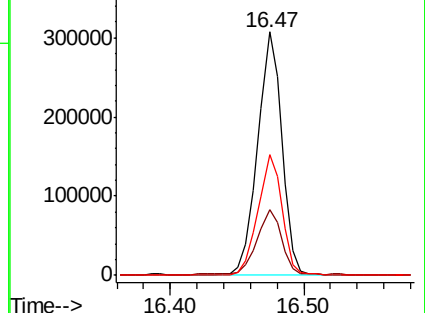
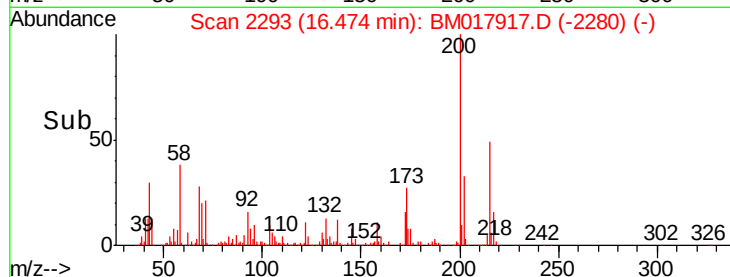
215 49.3 25.8 65.8



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: 56.850 ng

RT: 16.65 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

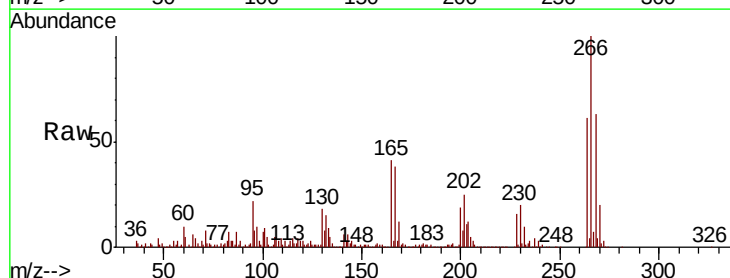
Tgt Ion:266 Resp: 479649

Ion Ratio Lower Upper

266 100

268 63.0 51.7 77.5

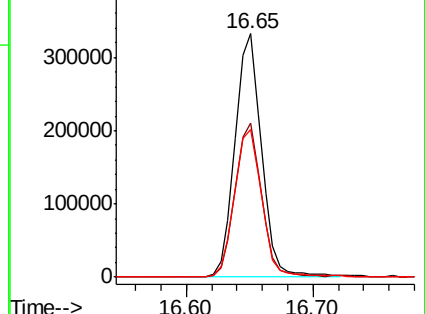
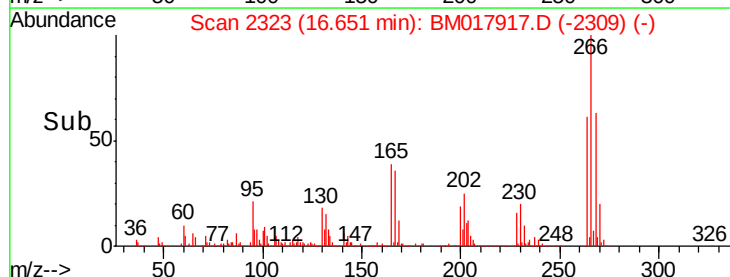
264 60.6 51.3 76.9

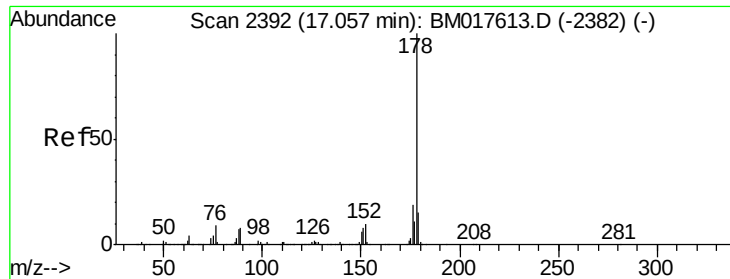


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

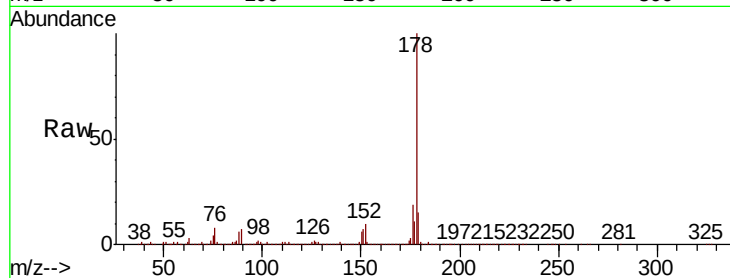




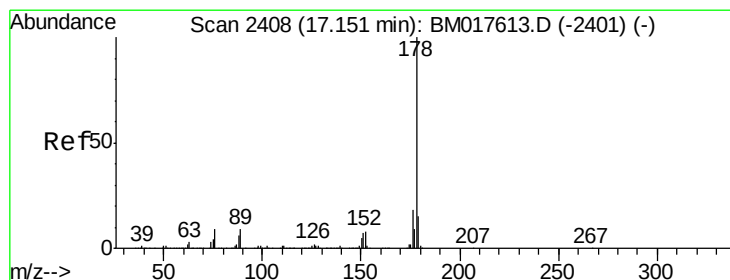
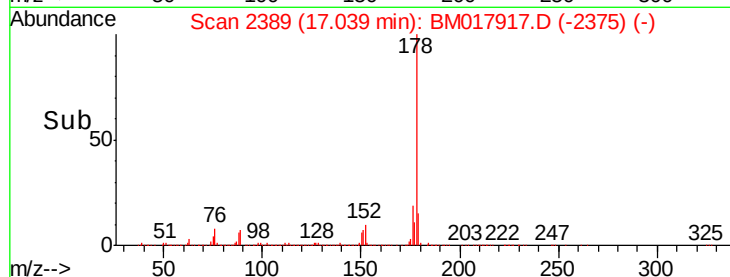
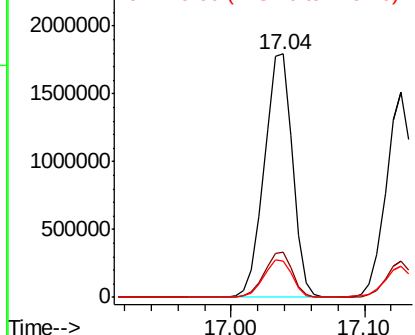
#71
Phenanthrene
Concen: 53.651 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

Tgt Ion:178 Resp: 2629255
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 14.9 12.4 18.6

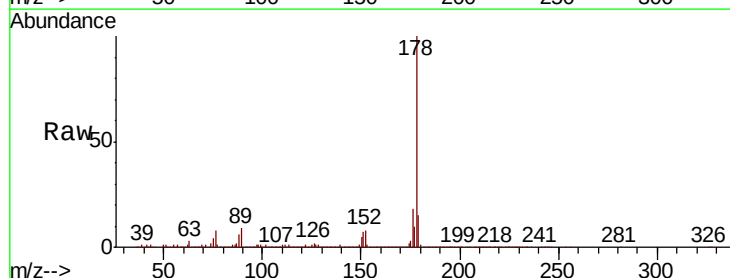


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

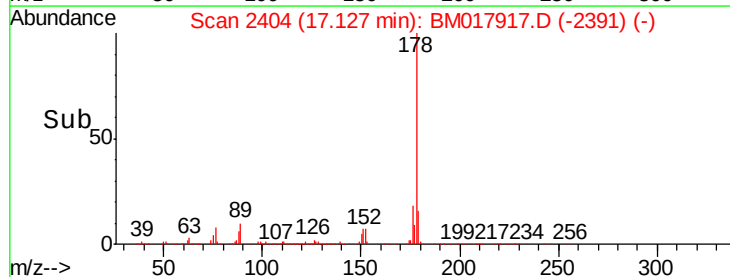
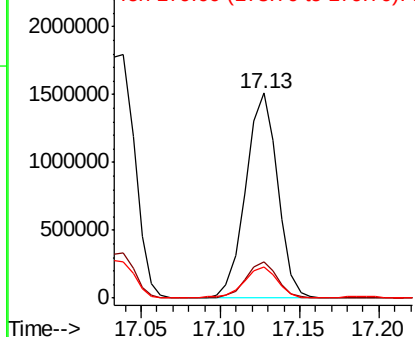


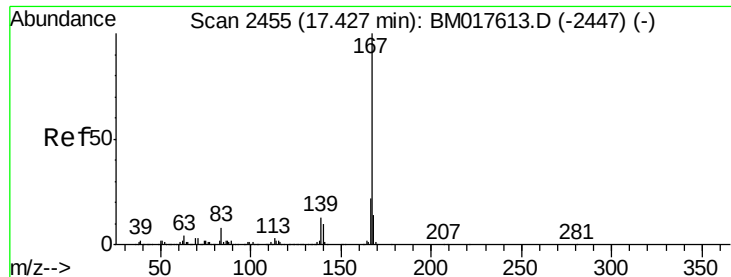
#72
Anthracene
Concen: 43.915 ng
RT: 17.13 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:178 Resp: 2094200
Ion Ratio Lower Upper
178 100
176 17.7 14.5 21.7
179 15.5 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

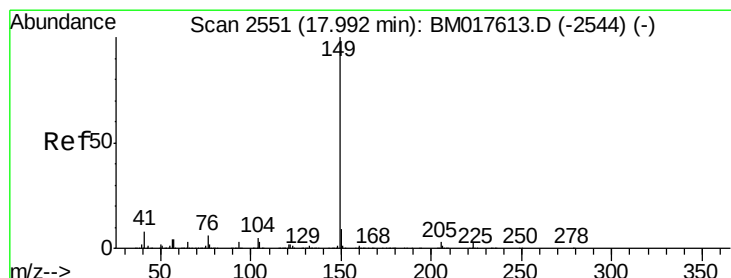
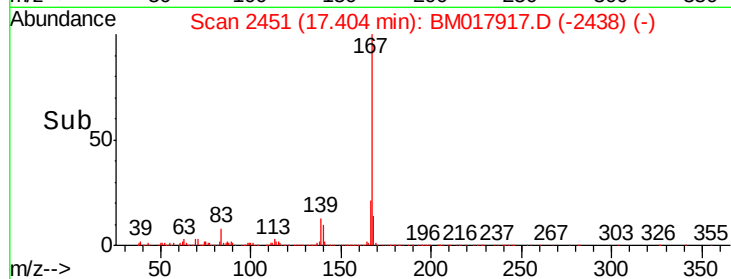
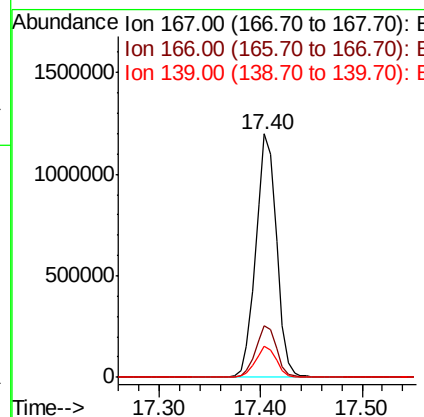
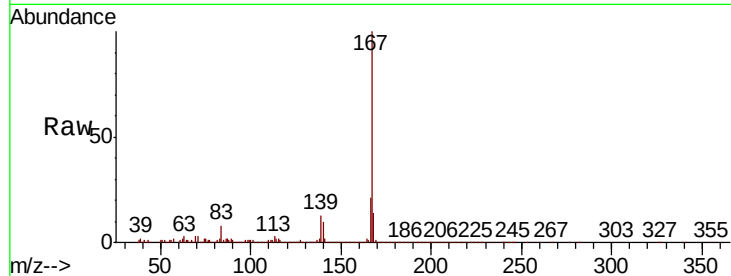




#73
 Carbazole
 Concen: 35.116 ng
 RT: 17.40 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

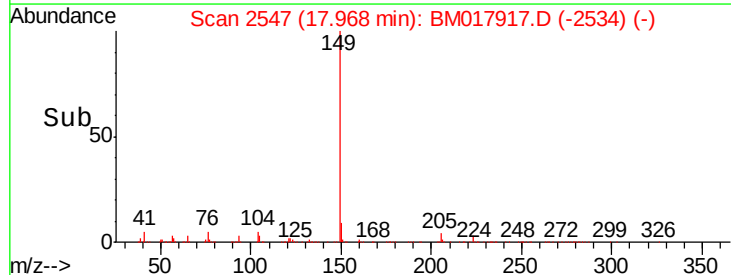
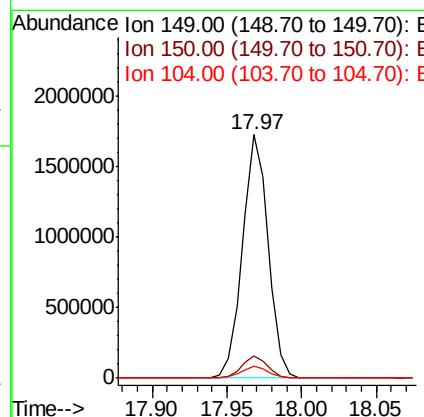
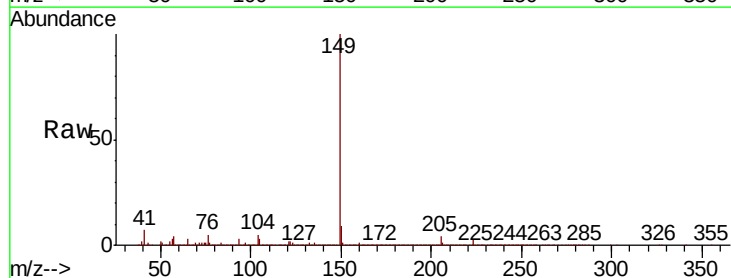
Instrument :
 BNA_M
 ClientSampleId :
 AU-06-112918MSD

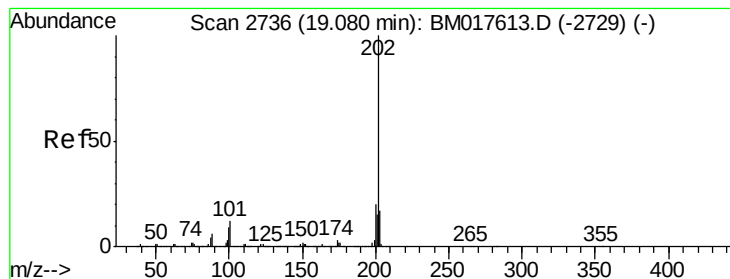
Tgt Ion:167 Resp: 1692171
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 38.300 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BM017917.D
 Acq: 04 Dec 2018 23:59

Tgt Ion:149 Resp: 2054516
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 52.024 ng

RT: 19.06 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

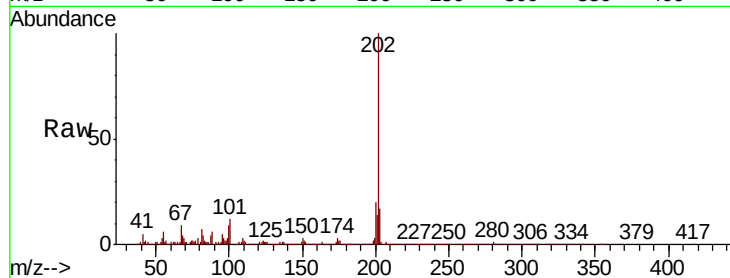
Tgt Ion:202 Resp: 2884722

Ion Ratio Lower Upper

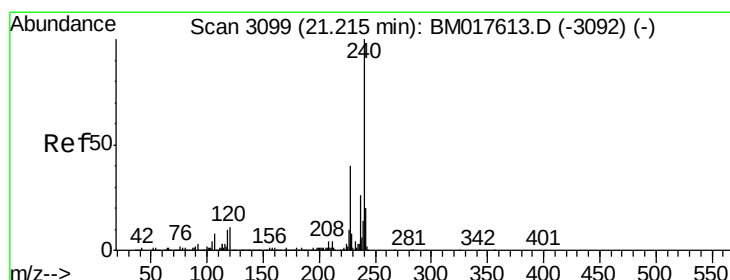
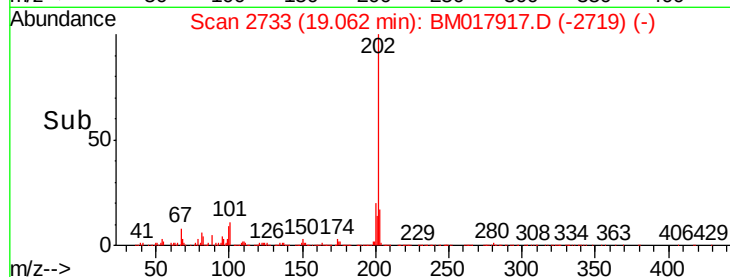
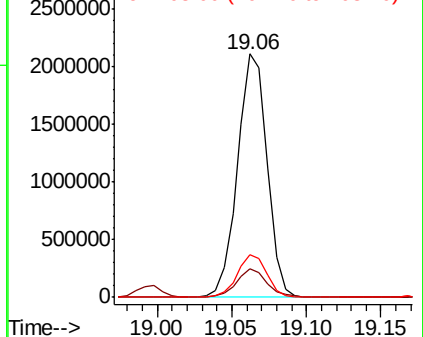
202 100

101 11.8 0.0 31.5

203 17.4 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# 3097

Delta R.T. -0.01 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

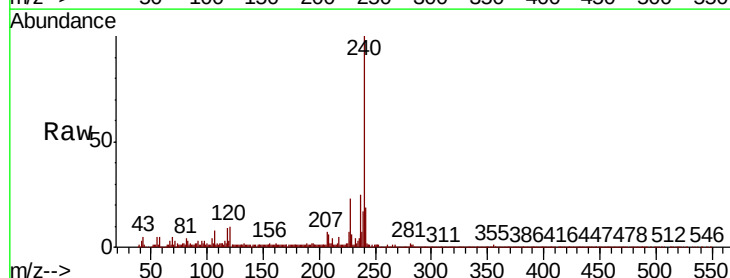
Tgt Ion:240 Resp: 868190

Ion Ratio Lower Upper

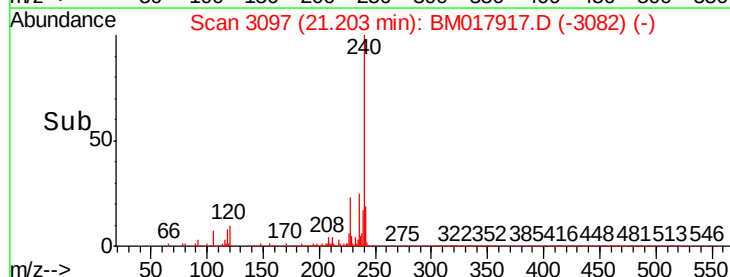
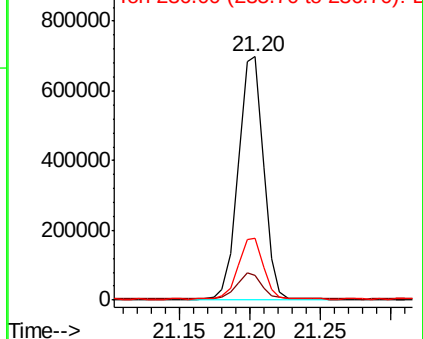
240 100

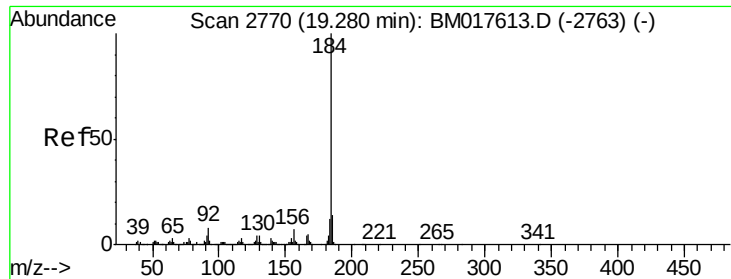
120 10.1 8.5 12.7

236 25.3 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: 39.813 ng

RT: 19.27 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

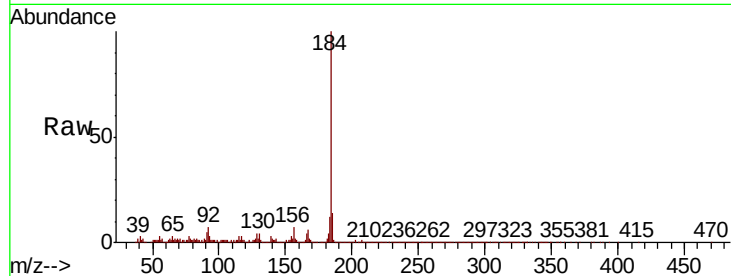
Tgt Ion:184 Resp: 1125577

Ion Ratio Lower Upper

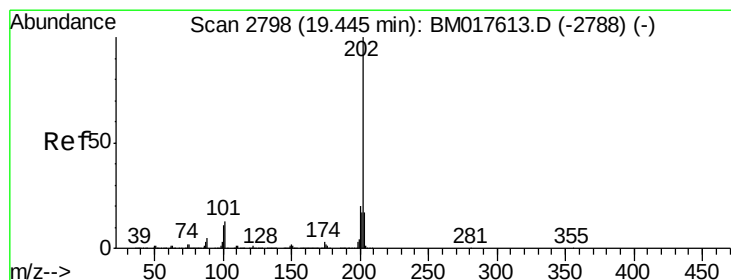
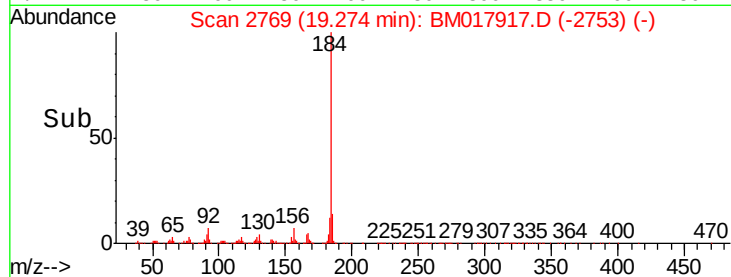
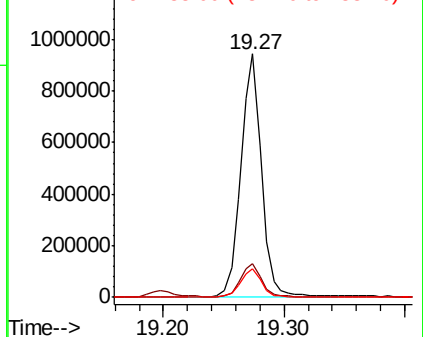
184 100

185 13.9 11.2 16.8

183 11.8 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: 51.784 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

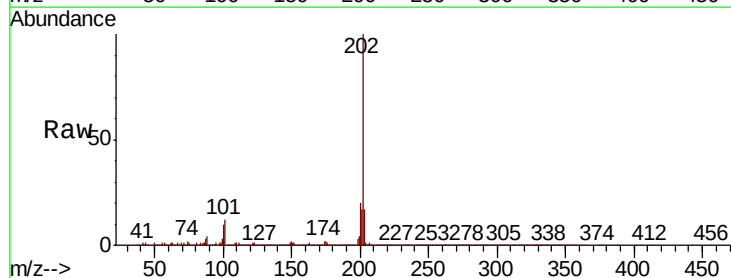
Tgt Ion:202 Resp: 2773967

Ion Ratio Lower Upper

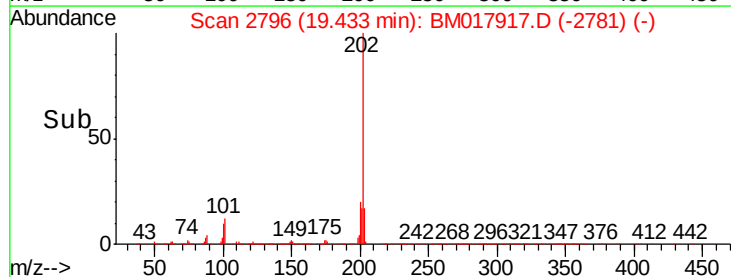
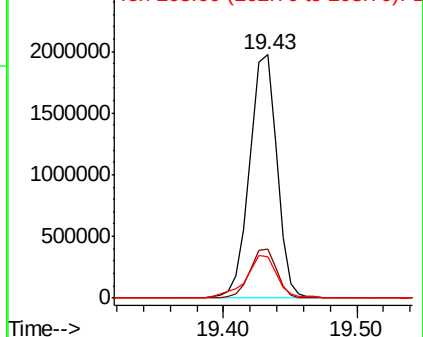
202 100

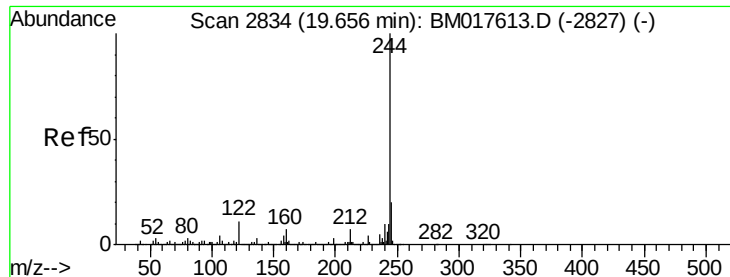
200 20.2 16.4 24.6

203 17.3 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: 73.535 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

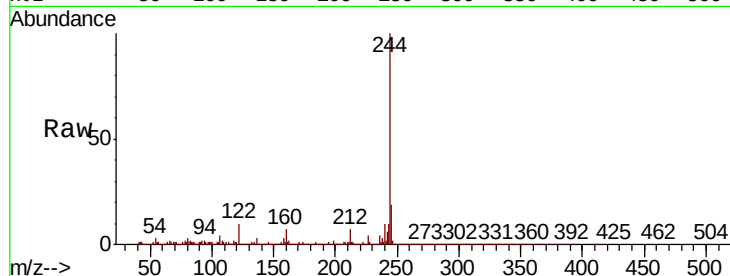
Tgt Ion:244 Resp: 2816870

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

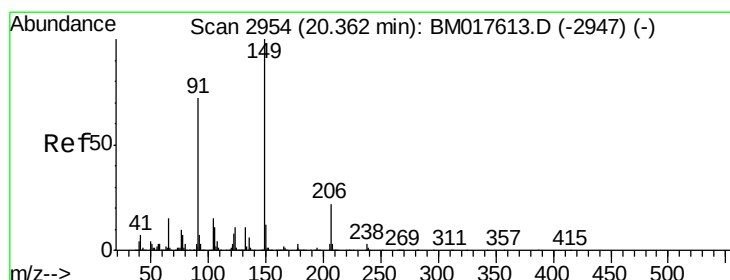
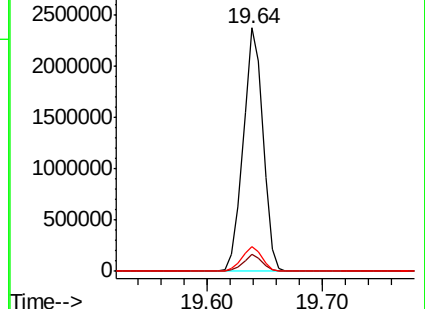
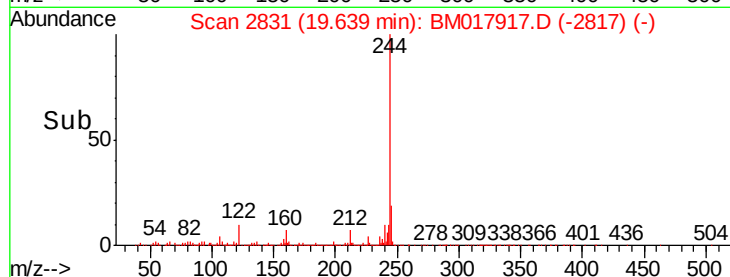
122 10.3 9.0 13.6



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: 39.637 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

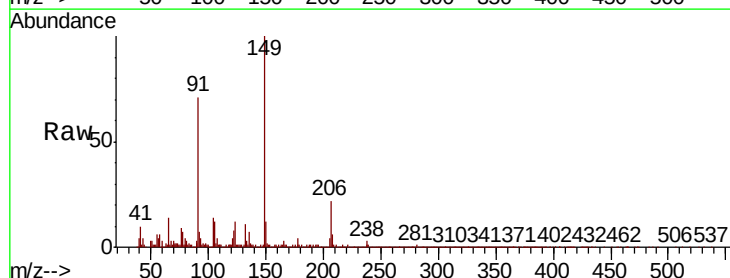
Tgt Ion:149 Resp: 862399

Ion Ratio Lower Upper

149 100

91 71.4 57.6 86.4

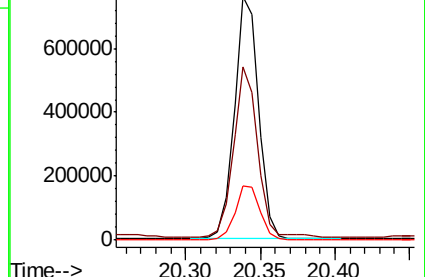
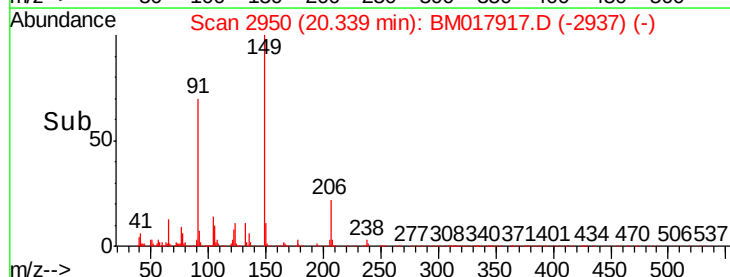
206 22.1 17.4 26.0

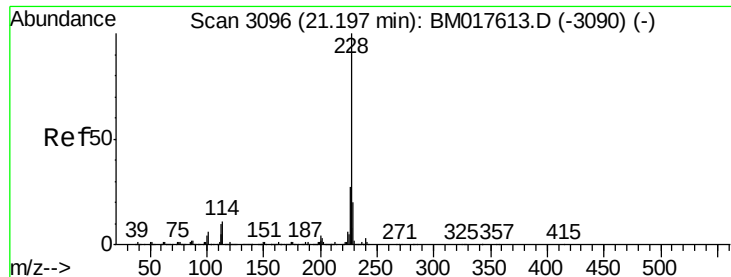


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.621 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

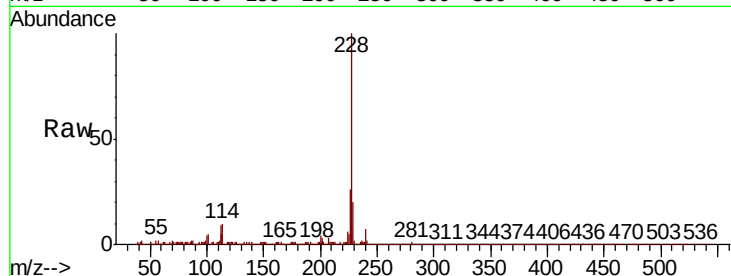
Tgt Ion:228 Resp: 2281849

Ion Ratio Lower Upper

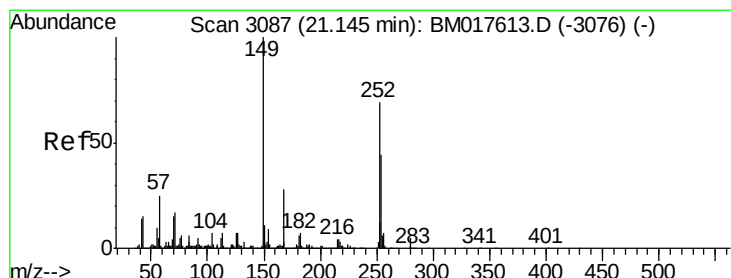
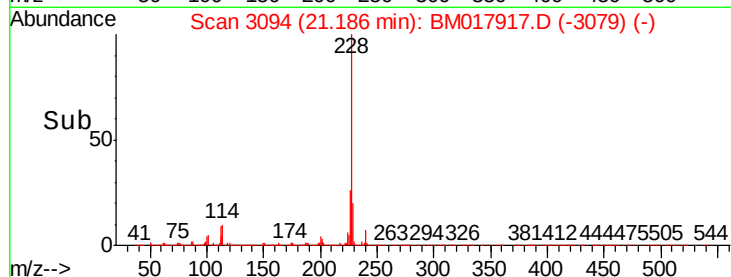
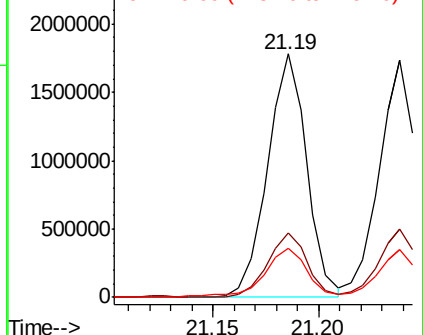
228 100

226 26.3 21.3 31.9

229 20.0 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: 22.408 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

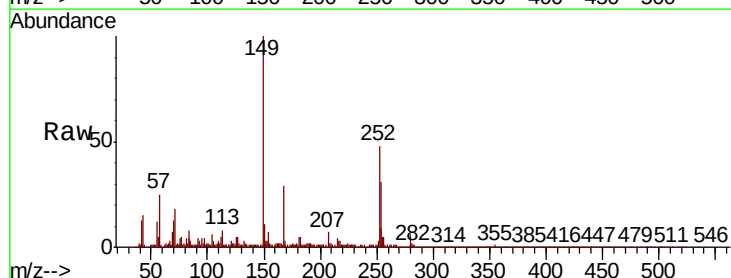
Tgt Ion:252 Resp: 432567

Ion Ratio Lower Upper

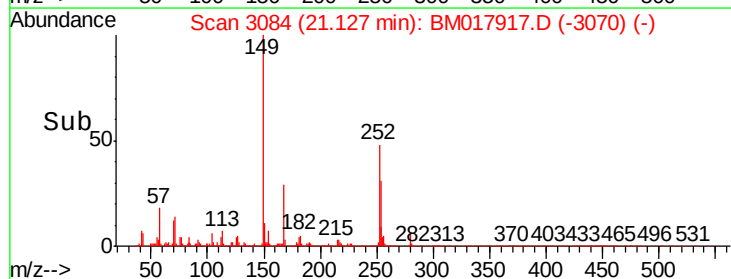
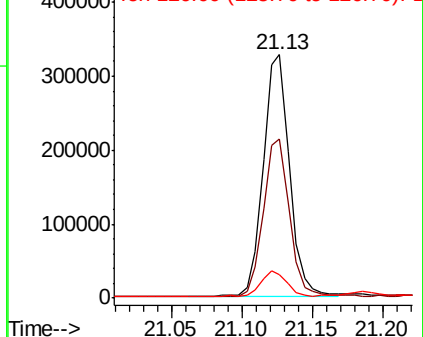
252 100

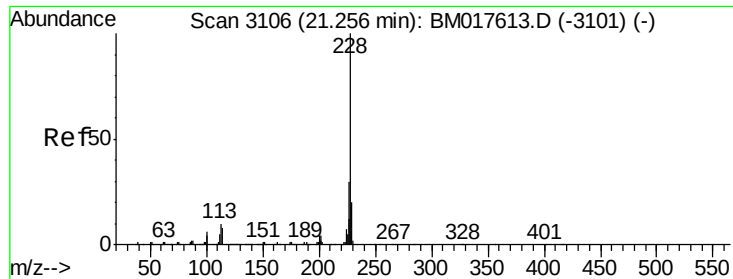
254 65.2 51.4 77.2

126 9.8 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: 42.963 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

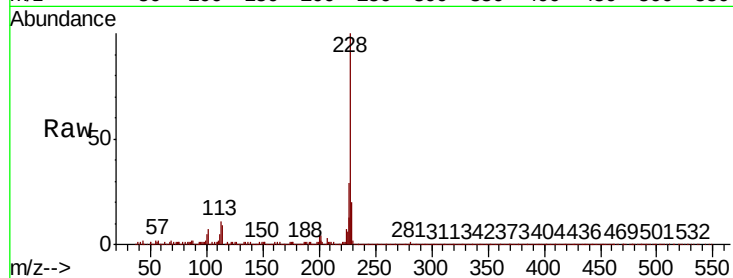
Tgt Ion:228 Resp: 2087146

Ion Ratio Lower Upper

228 100

226 29.0 23.6 35.4

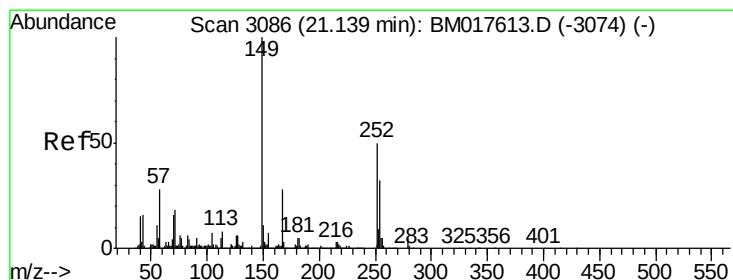
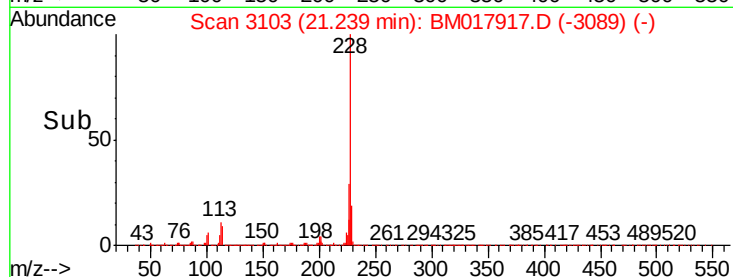
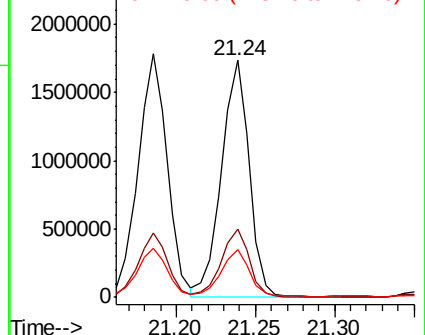
229 20.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.545 ng

RT: 21.12 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

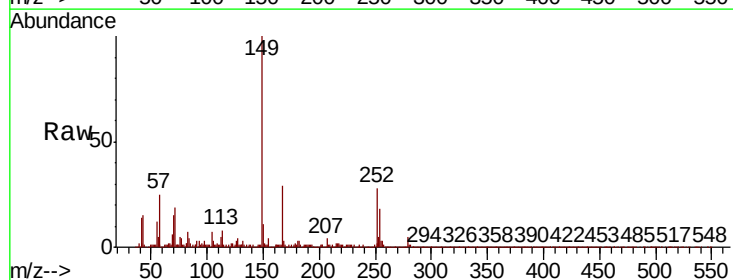
Tgt Ion:149 Resp: 1239760

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

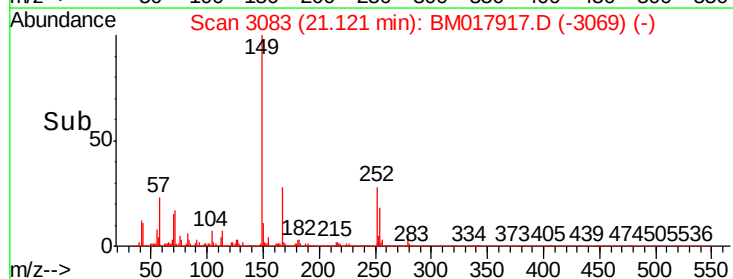
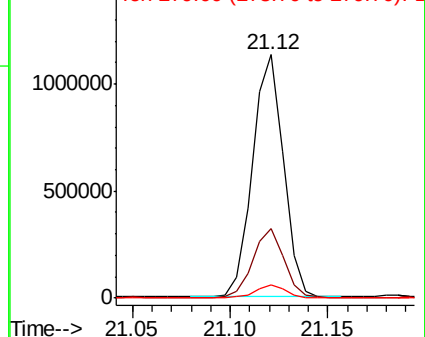
279 5.3 3.7 5.5

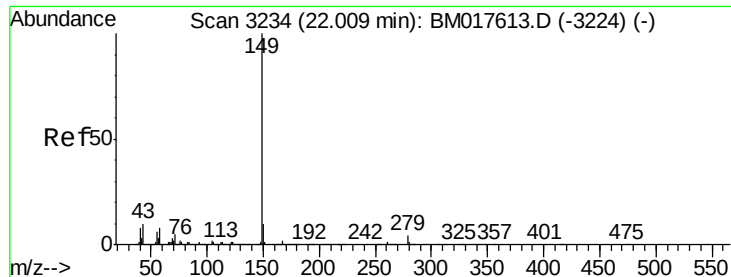


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.714 ng

RT: 21.99 min Scan# 3230

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

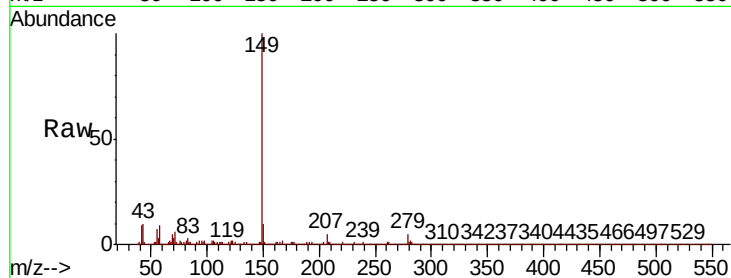
Tgt Ion:149 Resp: 2148398

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

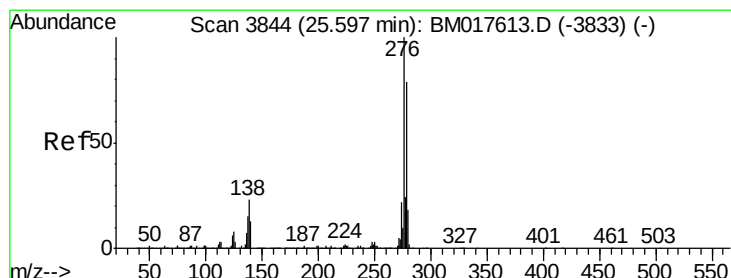
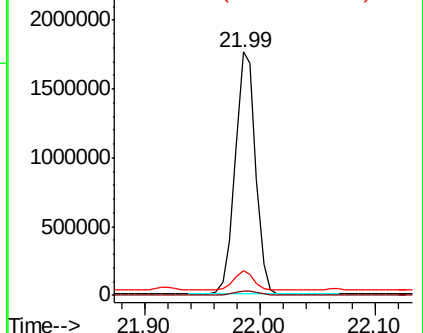
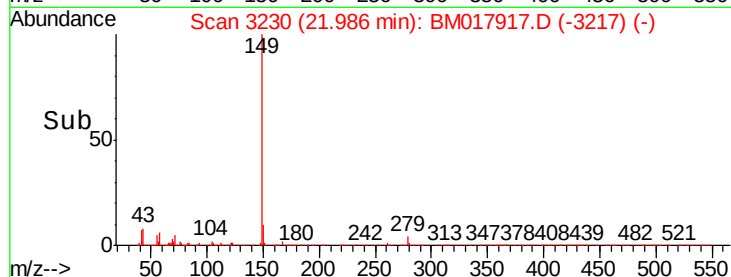
43 7.9 8.3 12.5#



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: 62.555 ng

RT: 25.58 min Scan# 3841

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

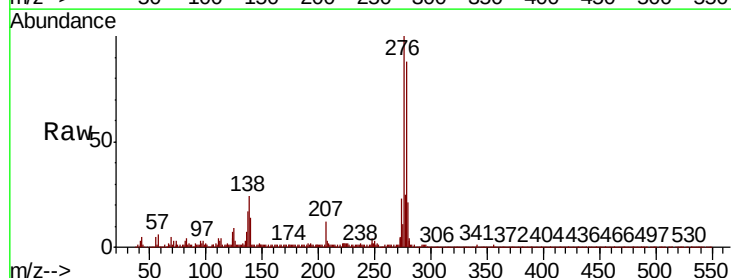
Tgt Ion:276 Resp: 2428453

Ion Ratio Lower Upper

276 100

138 23.4 19.1 28.7

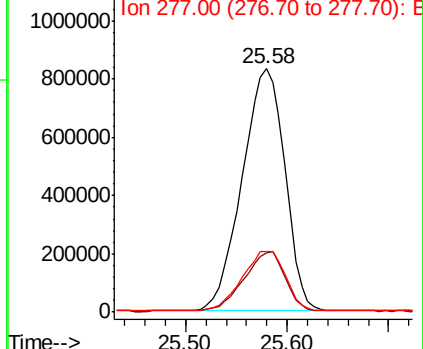
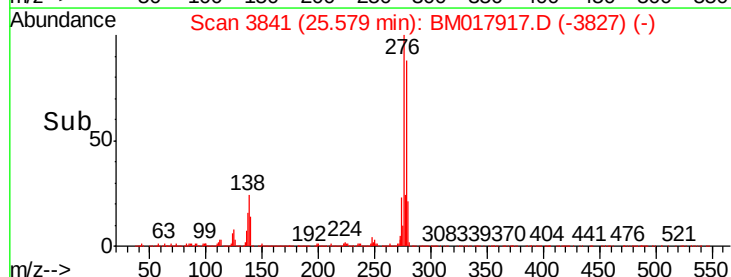
277 25.1 20.0 30.0

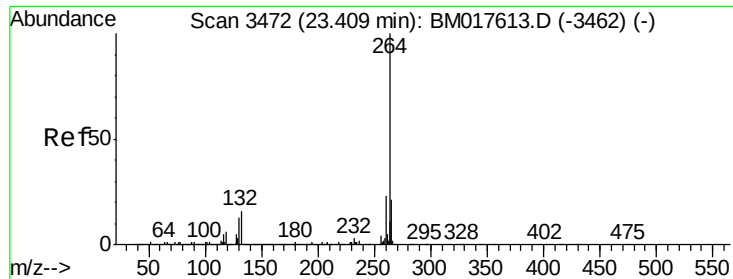


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

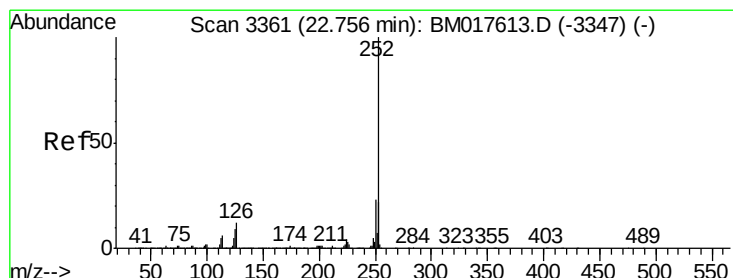
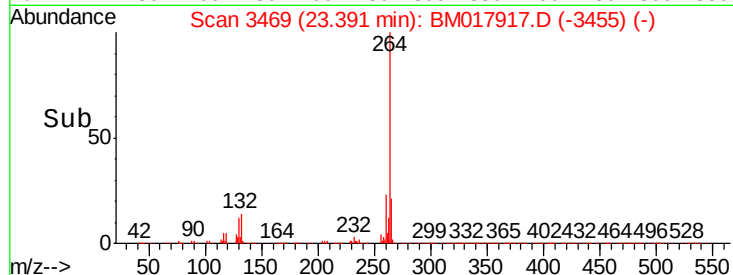
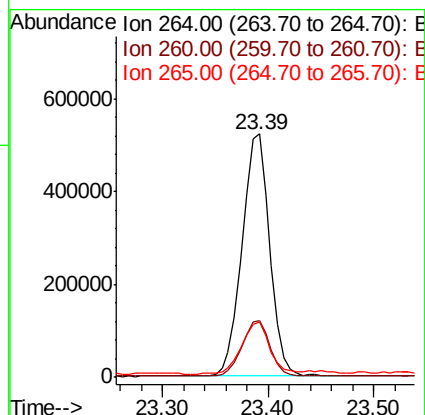
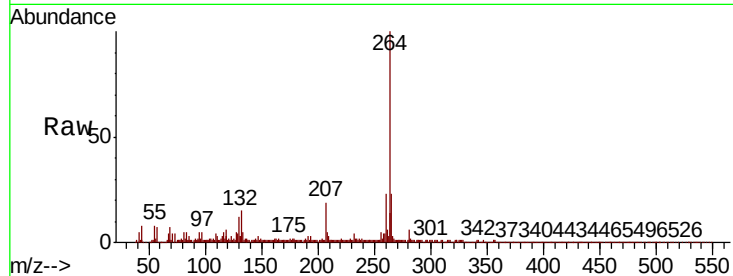




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3469
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

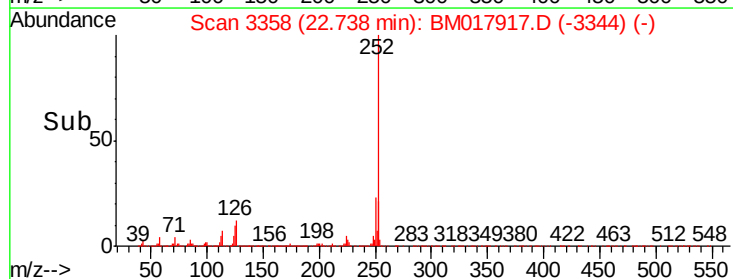
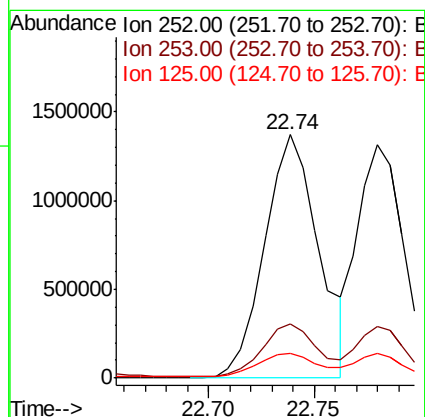
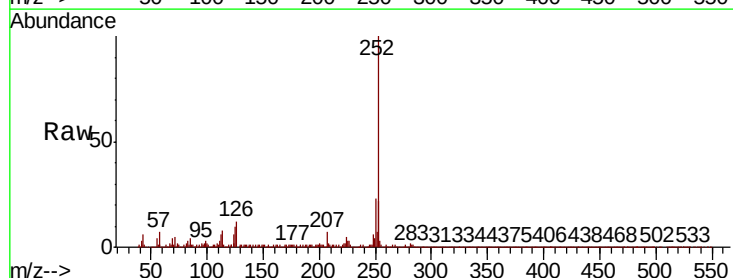
Instrument :
BNA_M
ClientSampleId :
AU-06-112918MSD

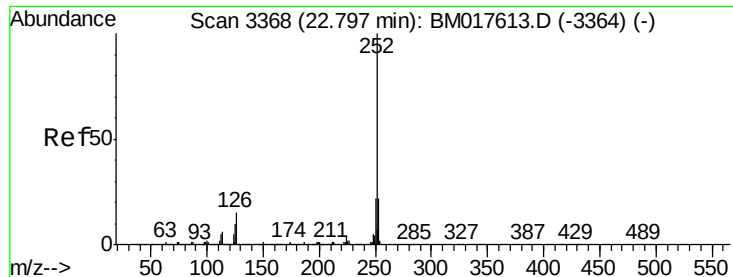
Tgt Ion:264 Resp: 944748
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.2
265 22.6 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 43.970 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.02 min
Lab File: BM017917.D
Acq: 04 Dec 2018 23:59

Tgt Ion:252 Resp: 2432723
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.3 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 35.369 ng

RT: 22.78 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

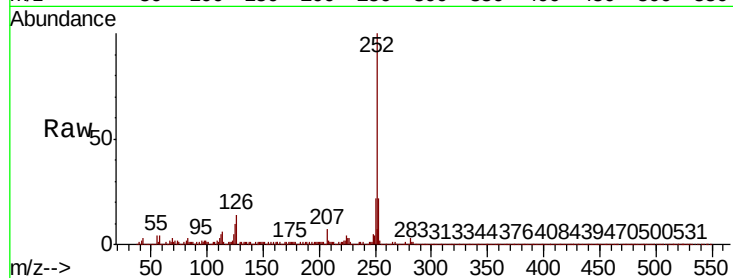
Tgt Ion:252 Resp: 1977901

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

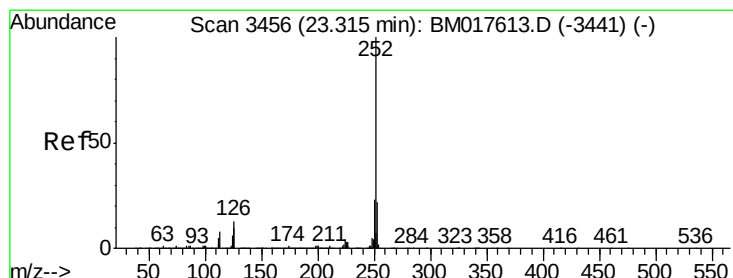
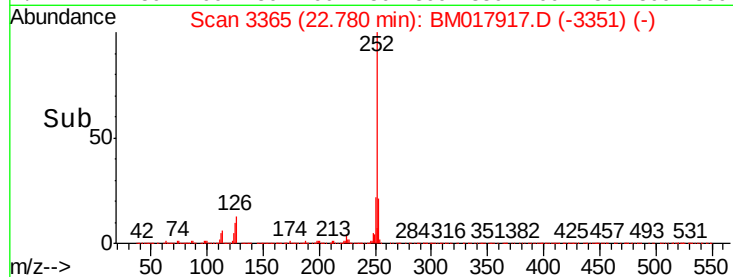
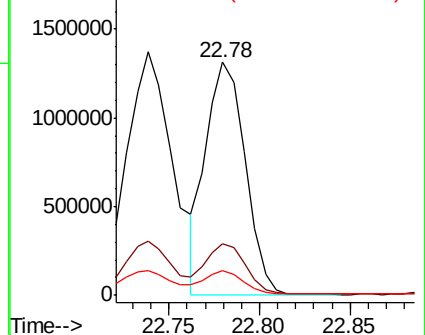
125 10.5 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.081 ng

RT: 23.30 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

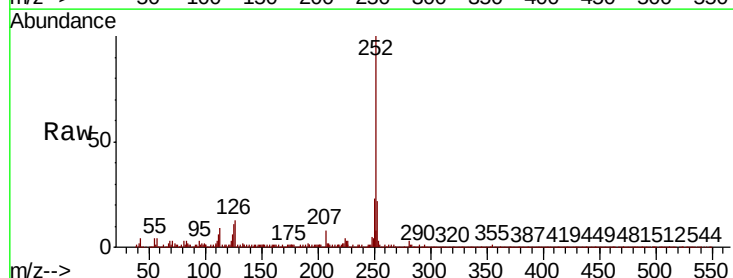
Tgt Ion:252 Resp: 2223747

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

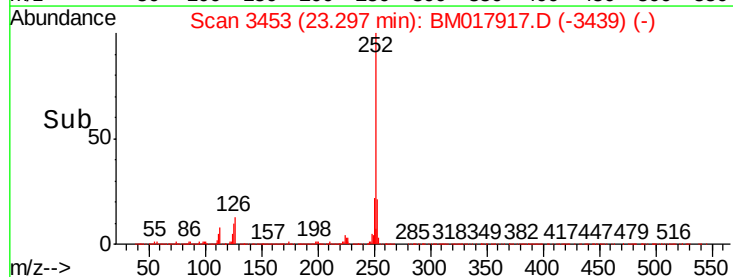
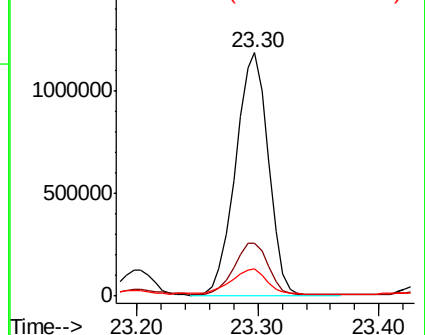
125 11.2 8.2 12.2

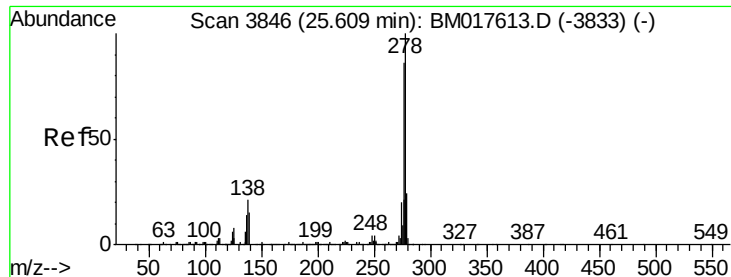


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.661 ng

RT: 25.59 min Scan# 3842

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

Instrument :

BNA_M

ClientSampleId :

AU-06-112918MSD

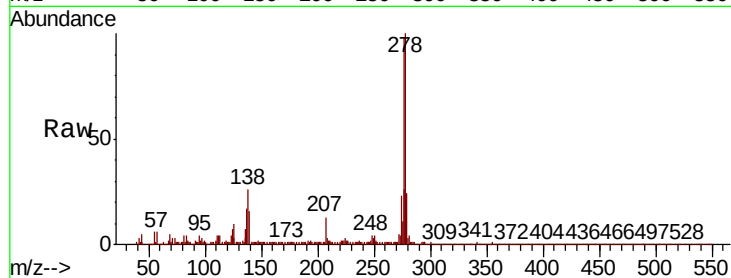
Tgt Ion:278 Resp: 1936555

Ion Ratio Lower Upper

278 100

139 15.6 11.8 17.6

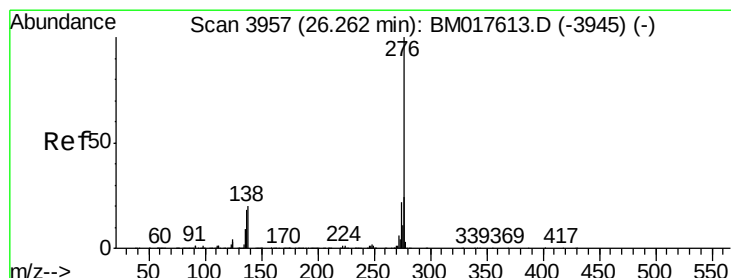
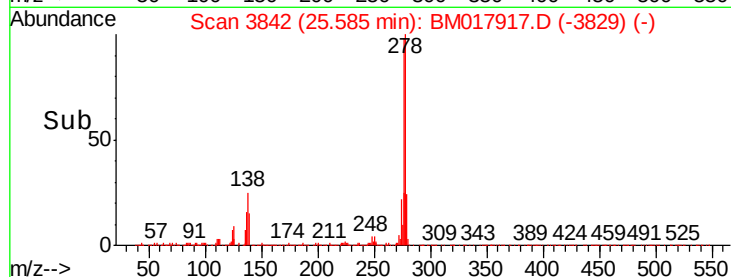
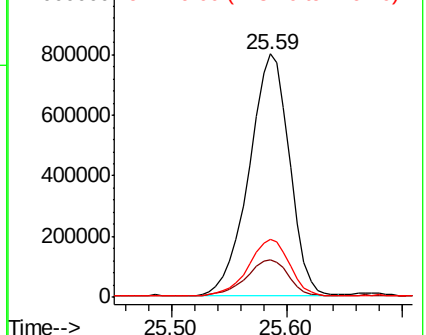
279 24.1 19.0 28.6



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: 51.757 ng

RT: 26.24 min Scan# 3954

Delta R.T. -0.02 min

Lab File: BM017917.D

Acq: 04 Dec 2018 23:59

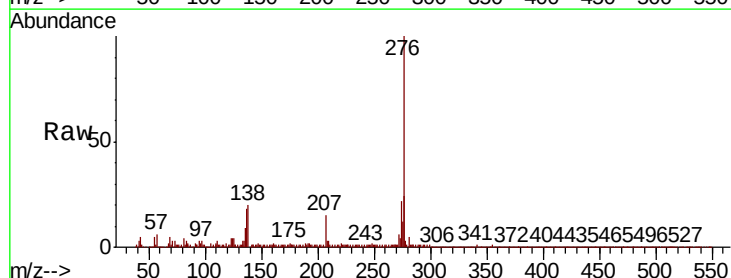
Tgt Ion:276 Resp: 2064194

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 20.3 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

