

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017292.D
 Acq On : 23 Oct 2018 19:39
 Operator : MJ/SJ
 Sample : J5604-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:57:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	273289	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1093142	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	672473	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1585858	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1780716	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1583849	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1752603	108.47	ng	0.00
7) Phenol-d6	6.85	99	2161233	98.21	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1580315	84.55	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1231033	135.36	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3828019	75.74	ng	-0.02
79) Terphenyl-d14	19.69	244	6611234	83.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	223946	27.142	ng	# 87
3) Pyridine	3.65	79	561617	29.582	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	310025	40.678	ng	# 74
6) Aniline	7.00	93	680909	24.737	ng	98
8) 2-Chlorophenol	7.23	128	872296	46.664	ng	98
9) Benzaldehyde	6.82	77	424105	30.225	ng	96
10) Phenol	6.88	94	922109	38.933	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	800753	42.412	ng	100
12) 1,3-Dichlorobenzene	7.55	146	905213	41.541	ng	97
13) 1,4-Dichlorobenzene	7.69	146	919581	41.305	ng	98
14) 1,2-Dichlorobenzene	8.00	146	885802	41.295	ng	98
15) Benzyl Alcohol	7.90	79	779644	48.468	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1063693	40.326	ng	99
17) 2-Methylphenol	8.11	107	717673	47.209	ng	98
18) Hexachloroethane	8.72	117	329184	43.205	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	661342	45.640	ng	98
20) 3+4-Methylphenols	8.43	107	983636	47.308	ng	99
22) Acetophenone	8.48	105	1582245	57.101	ng	# 99
24) Nitrobenzene	8.86	77	951622	48.133	ng	96
25) Isophorone	9.38	82	1825001	59.131	ng	99
26) 2-Nitrophenol	9.56	139	489093	52.281	ng	98
27) 2,4-Dimethylphenol	9.63	122	851784	62.414	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	1118624	51.494	ng	100
29) 2,4-Dichlorophenol	10.09	162	870499	54.937	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	870251	45.782	ng	99
31) Naphthalene	10.49	128	2677394	49.979	ng	99
32) Benzoic acid	9.79	122	623465	61.227	ng	89
33) 4-Chloroaniline	10.60	127	261683	11.310	ng	98
34) Hexachlorobutadiene	10.76	225	524786	43.572	ng	99
35) Caprolactam	11.41	113	211241	36.580	ng	# 86
36) 4-Chloro-3-methylphenol	11.73	107	982251	54.994	ng	98
37) 2-Methylnaphthalene	12.10	142	2062672	56.267	ng	99
38) 1-Methylnaphthalene	12.32	142	1957725	54.870	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1043151	44.048	ng	99

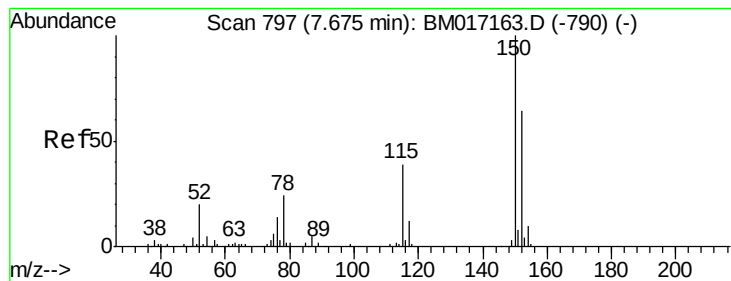
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1164160	101.684	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	747766	54.393	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	813402	55.176	ng	99
46) 1,1'-Biphenyl	13.13	154	2636736	43.571	ng	100
47) 2-Chloronaphthalene	13.17	162	2055633	46.174	ng	100
48) 2-Nitroaniline	13.39	65	668732	52.556	ng	96
49) Acenaphthylene	14.02	152	3435832	53.243	ng	99
50) Dimethylphthalate	13.77	163	2752624	53.056	ng	100
51) 2,6-Dinitrotoluene	13.89	165	615956	53.942	ng	95
52) Acenaphthene	14.37	154	1994787	49.233	ng	98
53) 3-Nitroaniline	14.22	138	324273	26.220	ng	95
54) 2,4-Dinitrophenol	14.43	184	684785	99.938	ng	97
55) Dibenzofuran	14.70	168	3228970	47.923	ng	99
56) 4-Nitrophenol	14.55	139	1392207	120.951	ng	99
57) 2,4-Dinitrotoluene	14.68	165	883009	57.534	ng	# 99
58) Fluorene	15.36	166	2641695	52.969	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	782099	58.201	ng	99
60) Diethylphthalate	15.15	149	2892558	56.219	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1343769	47.263	ng	99
62) 4-Nitroaniline	15.39	138	678121	49.021	ng	99
63) Azobenzene	15.65	77	2548228	50.954	ng	100
65) 4,6-Dinitro-2-methylphenol	15.45	198	511679	49.918	ng	99
66) n-Nitrosodiphenylamine	15.57	169	2427905	50.603	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	886224	50.895	ng	98
68) Hexachlorobenzene	16.36	284	965206	47.719	ng	99
69) Atrazine	16.53	200	928337	54.060	ng	98
70) Pentachlorophenol	16.70	266	1243793	89.766	ng	99
71) Phenanthrene	17.10	178	4389047	51.297	ng	100
72) Anthracene	17.19	178	4482301	55.133	ng	99
73) Carbazole	17.46	167	4157613	50.063	ng	100
74) Di-n-butylphthalate	18.03	149	5079366	57.989	ng	99
75) Fluoranthene	19.12	202	5272960	54.767	ng	98
77) Benzidine	19.32	184	1220996	27.041	ng	98
78) Pyrene	19.48	202	5365613	53.912	ng	100
80) Butylbenzylphthalate	20.39	149	2454267	62.292	ng	94
81) Benzo(a)anthracene	21.23	228	5400318	53.891	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1211215	32.431	ng	99
83) Chrysene	21.29	228	5035044	50.764	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3569234	60.093	ng	99
85) Di-n-octyl phthalate	22.04	149	6005081	59.644	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	4646799	41.886	ng	99
88) Benzo(b)fluoranthene	22.80	252	4990103	57.626	ng	99
89) Benzo(k)fluoranthene	22.84	252	4728142	54.414	ng	99
90) Benzo(a)pyrene	23.36	252	4509759	54.850	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	3946975	48.346	ng	99
92) Benzo(g,h,i)perylene	26.35	276	3866289	47.782	ng	99

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

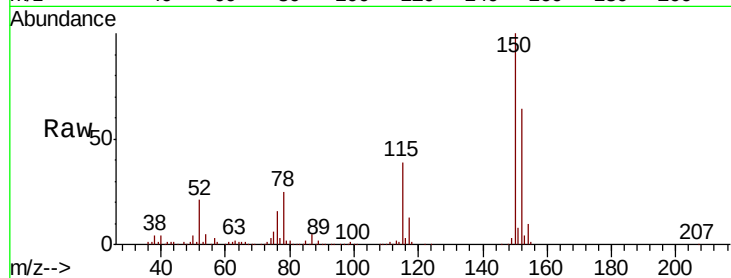


#1

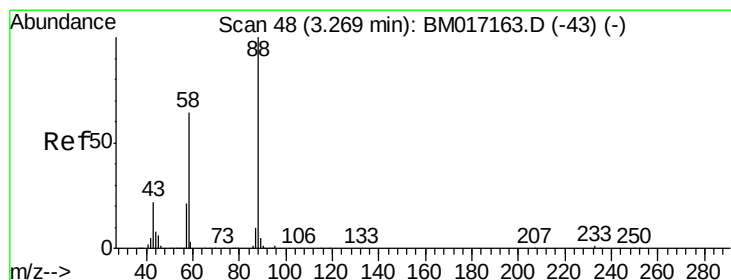
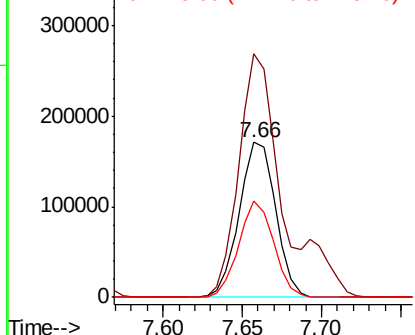
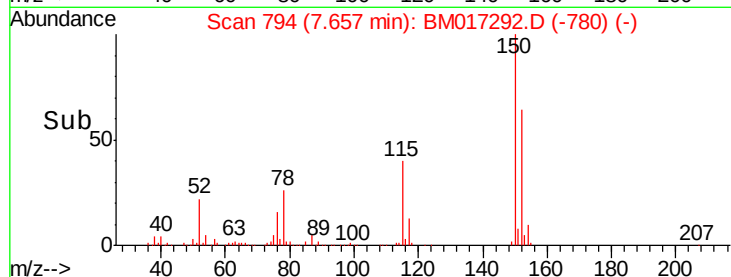
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.3	186.5
115	62.0	48.1	72.1



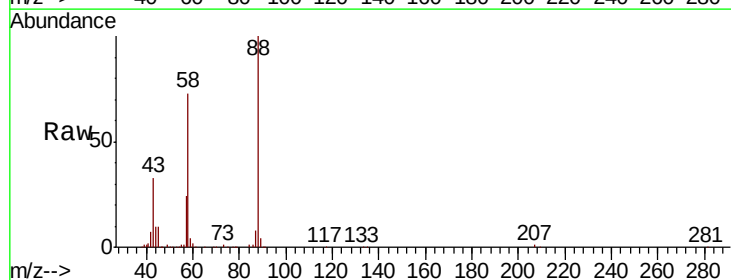
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



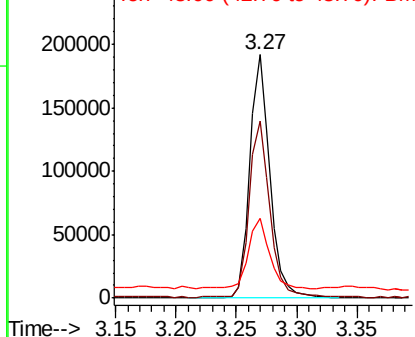
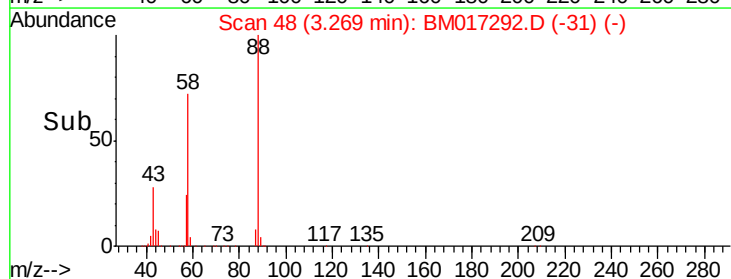
#2

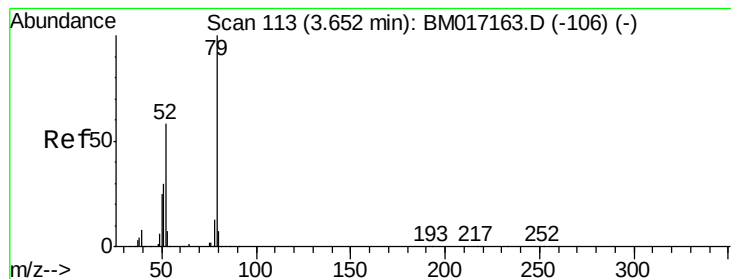
1,4-Dioxane
Concen: 27.142 ng
RT: 3.27 min Scan# 48
Delta R.T. 0.00 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	50.2	75.4
43	30.1	19.3	28.9



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

Pvridine

Concen: 29.582 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

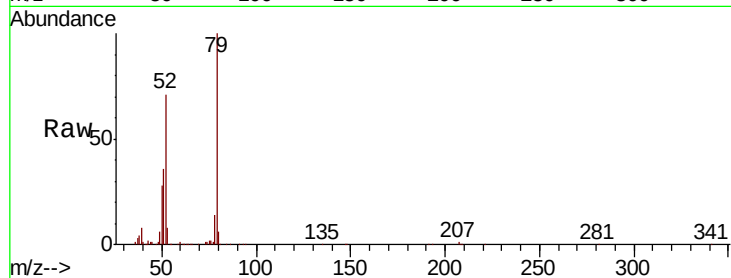
Tot Ion: 79 Resp: 561617

Ion Ratio Lower Upper

79 100

52 70.8 46.5 69.7#

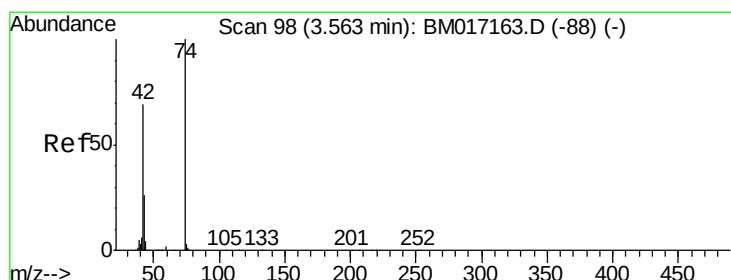
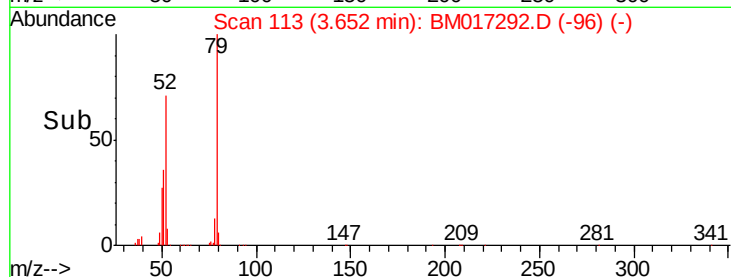
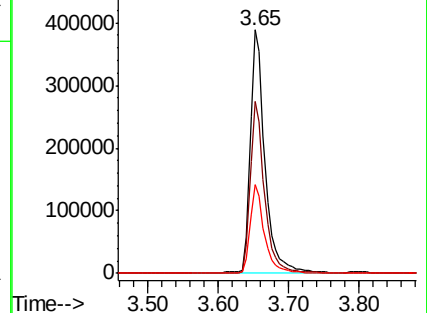
51 36.3 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 40.678 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

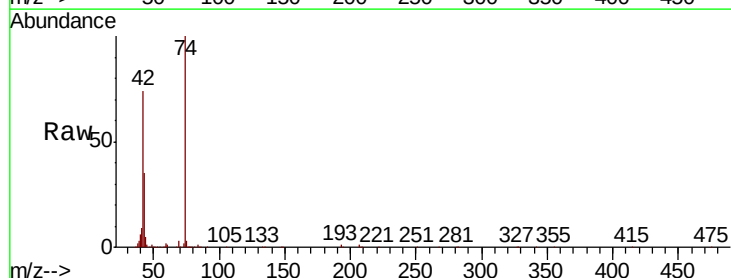
Tgt Ion: 42 Resp: 310025

Ion Ratio Lower Upper

42 100

74 134.9 114.4 171.6

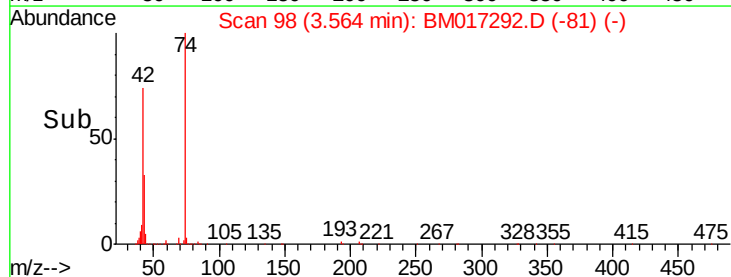
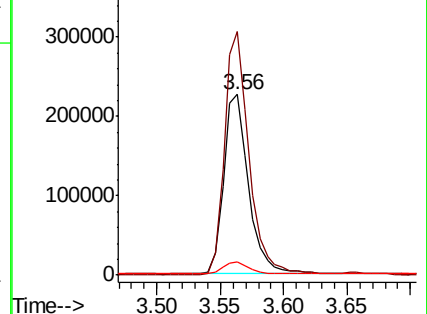
44 7.1 48.6 73.0#

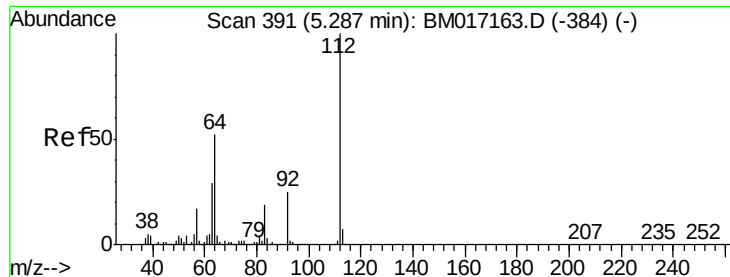


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 108.465 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

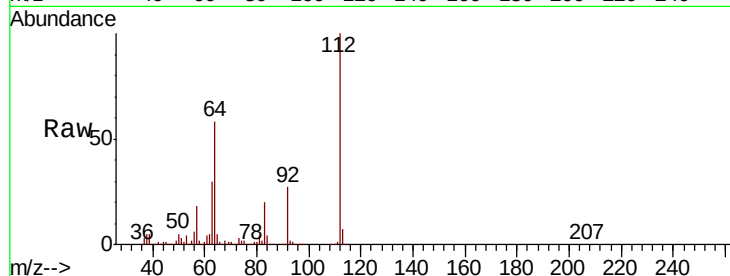
Tot Ion:112 Resp: 1752603

Ion Ratio Lower Upper

112 100

64 57.6 41.7 62.5

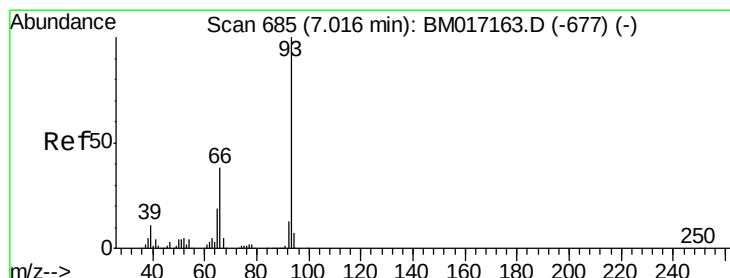
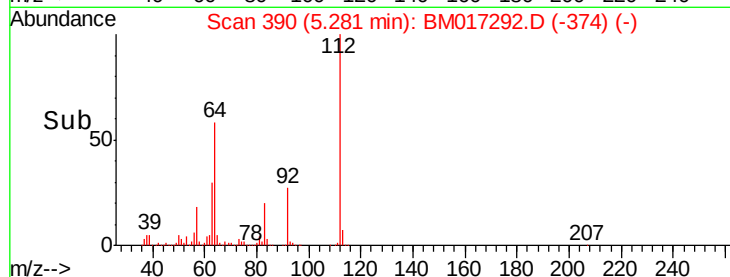
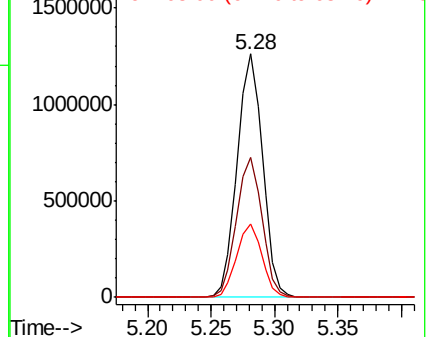
63 29.9 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 24.737 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

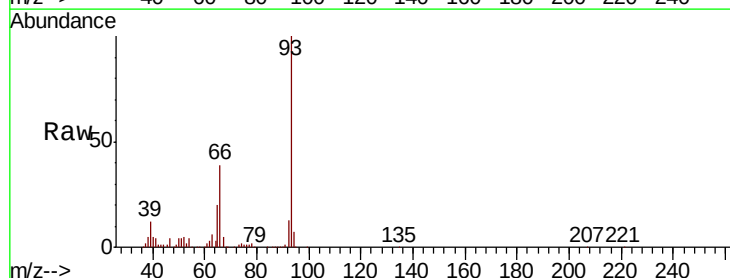
Tgt Ion: 93 Resp: 680909

Ion Ratio Lower Upper

93 100

66 39.5 30.4 45.6

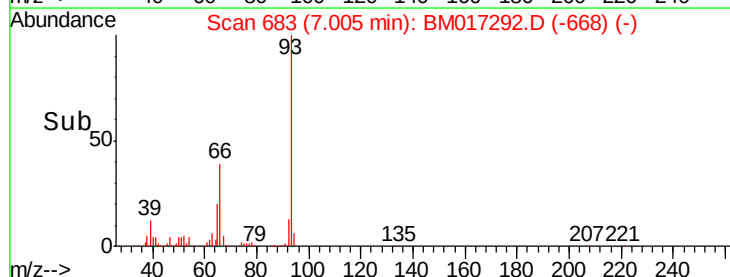
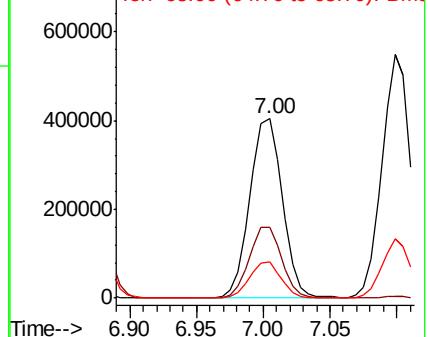
65 20.2 15.3 22.9

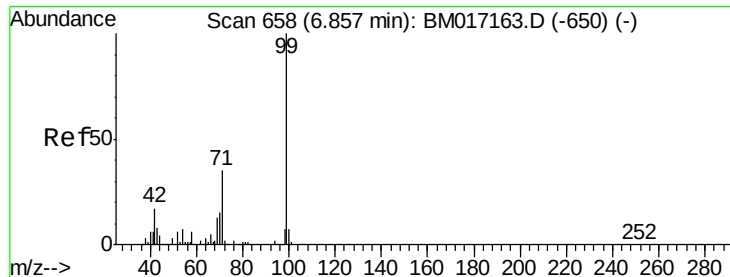


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 98.209 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

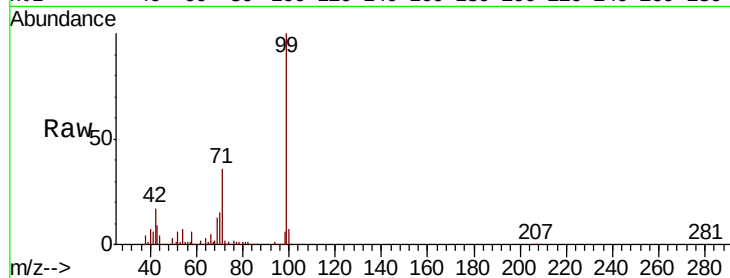
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2161233

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.3	19.9
71	35.8	28.0	42.0

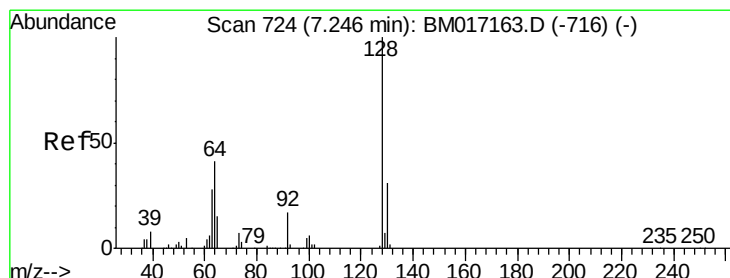
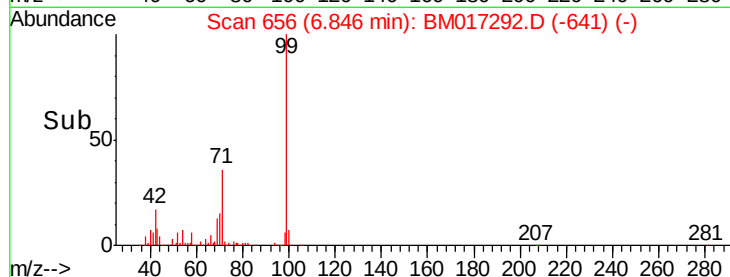
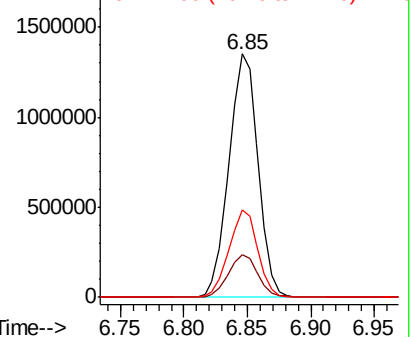


Abundance

Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 46.664 ng

RT: 7.23 min Scan# 722

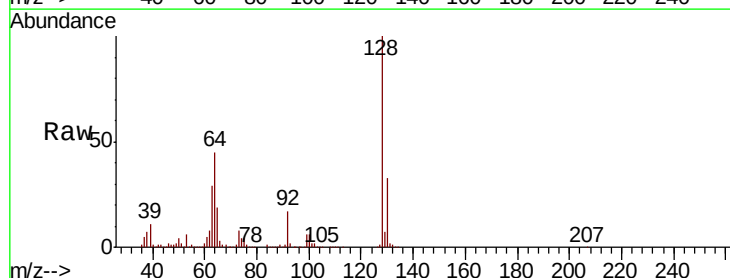
Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion: 128 Resp: 872296

Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.0	51.0
64	44.9	24.1	64.1

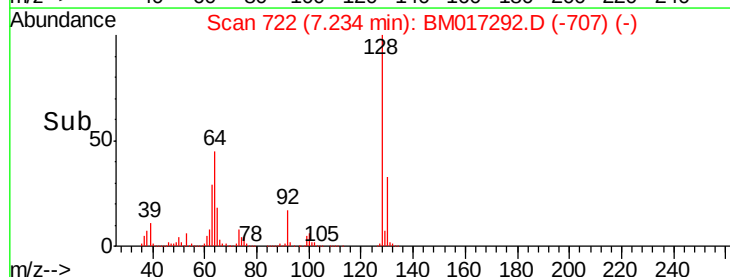
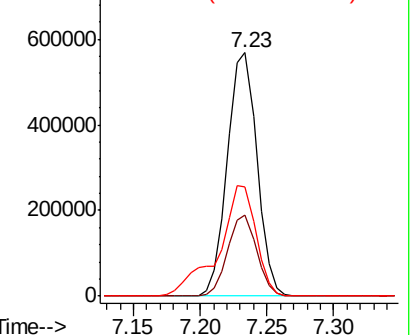


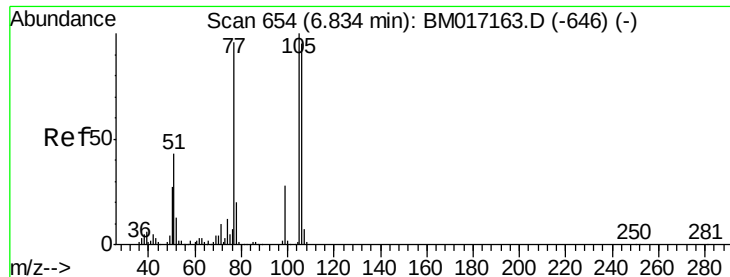
Abundance

Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 30.225 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

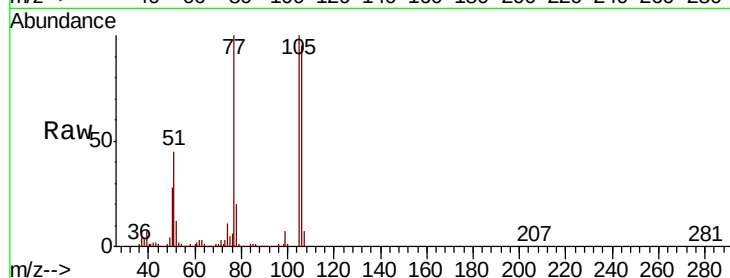
Tot Ion: 77 Resp: 424105

Ion Ratio Lower Upper

77 100

105 99.8 83.9 123.9

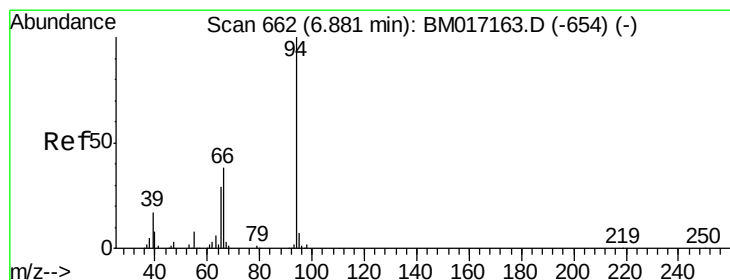
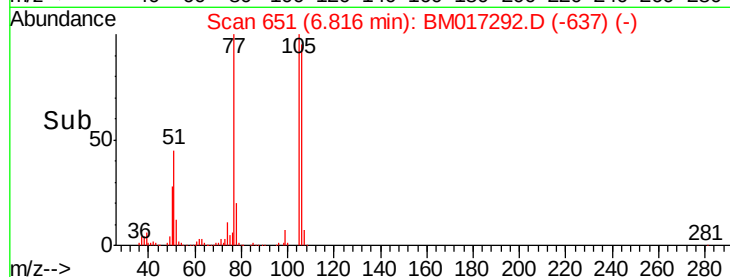
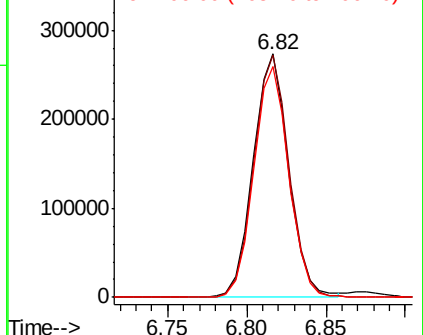
106 94.7 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-646) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-646) (-)

Ion 106.00 (105.70 to 106.70): BM017163.D (-646) (-)



#10

Phenol

Concen: 38.933 ng

RT: 6.88 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

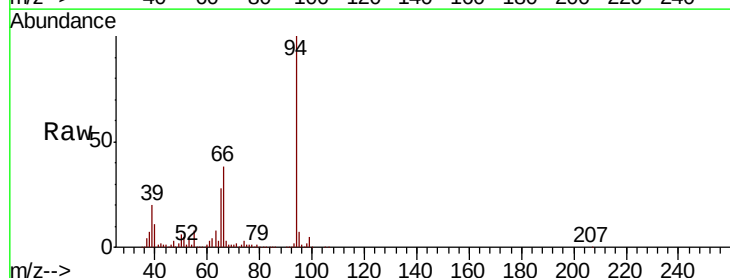
Tgt Ion: 94 Resp: 922109

Ion Ratio Lower Upper

94 100

65 28.4 9.4 49.4

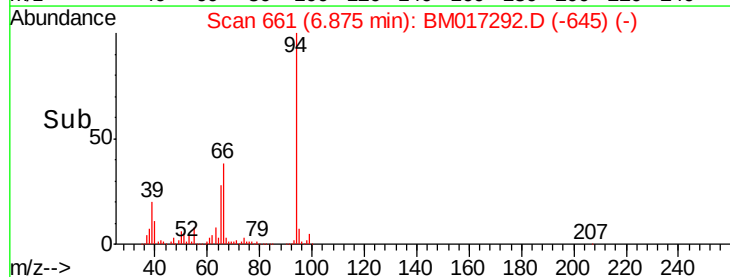
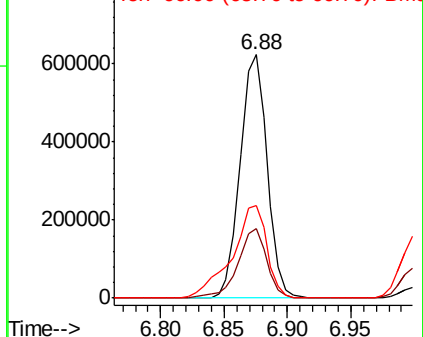
66 38.2 19.0 59.0

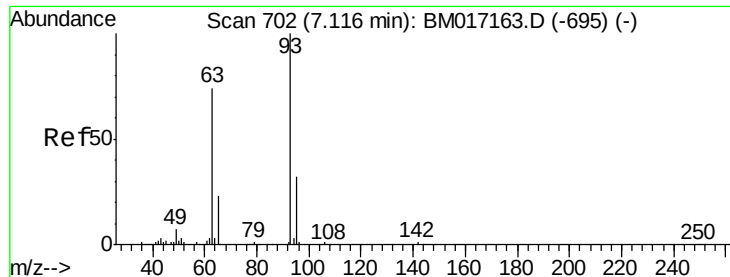


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)

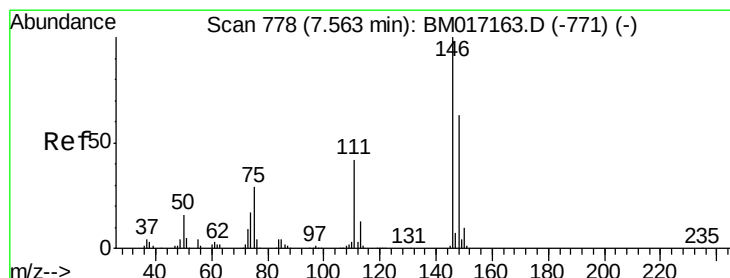
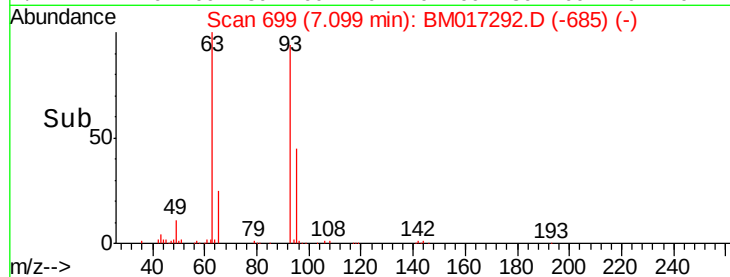
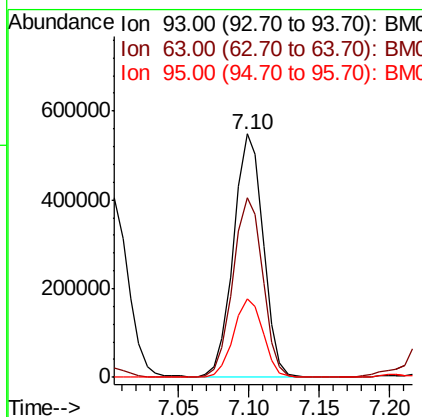
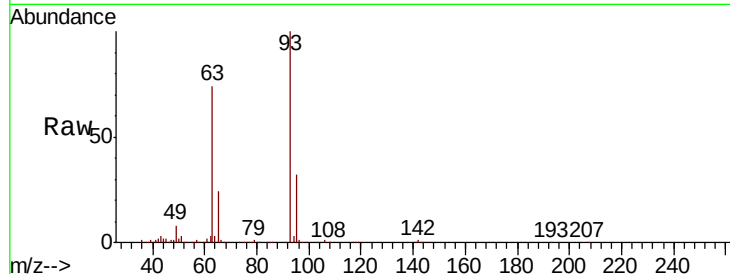




#11
bis(2-Chloroethyl)ether
Concen: 42.412 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

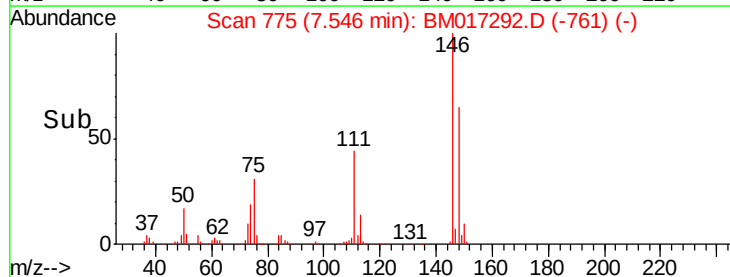
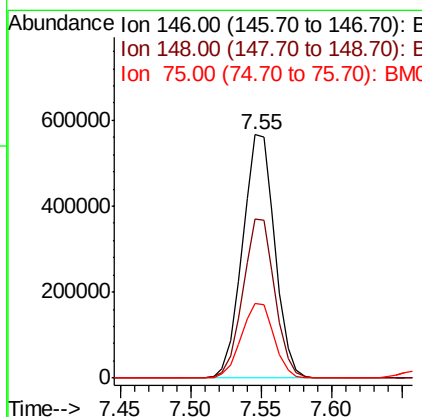
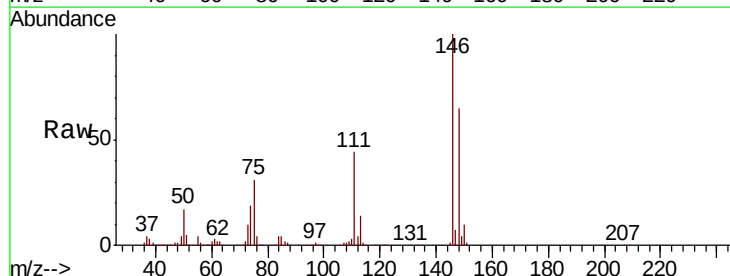
Instrument :
BNA_M
ClientSampleId :

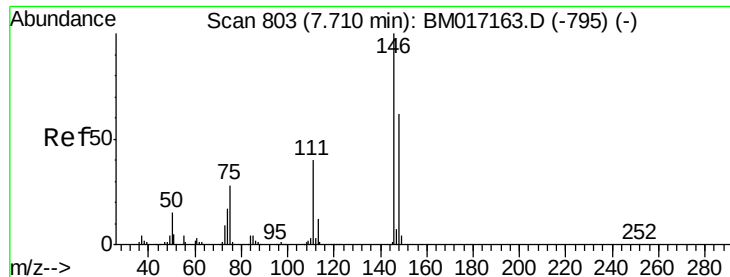
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.0	94.0
95	32.3	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 41.541 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.2	75.4
75	30.8	23.3	34.9

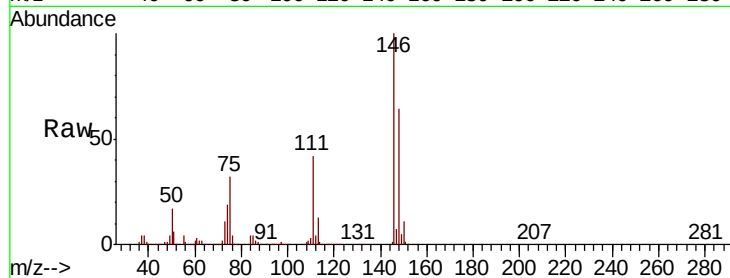




#13
 1,4-Dichlorobenzene
 Concen: 41.305 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.8	74.6
111	41.7	32.1	48.1

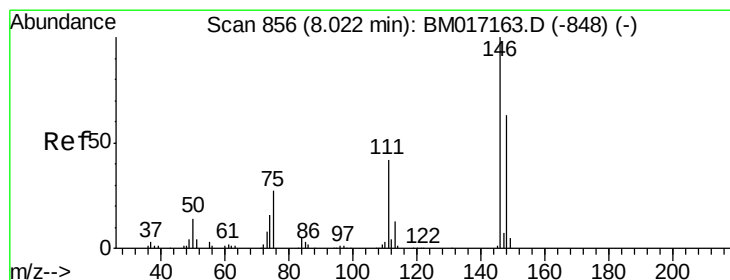
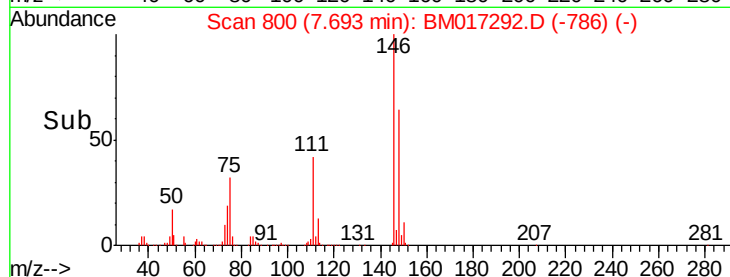
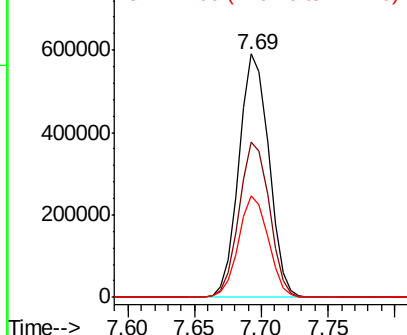


Abundance

Ion 146.00 (145.70 to 146.70): E

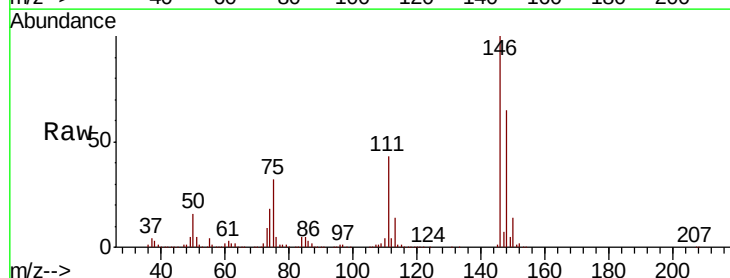
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.295 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	43.4	33.8	50.6

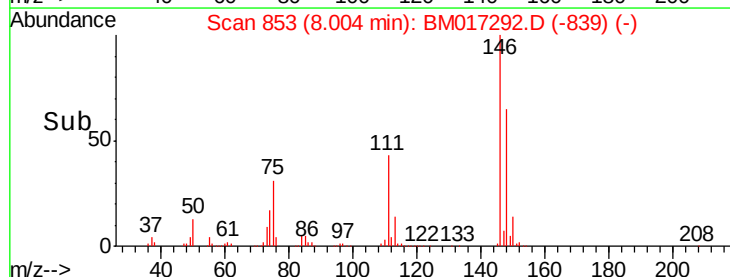
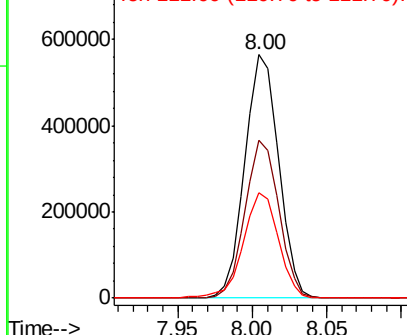


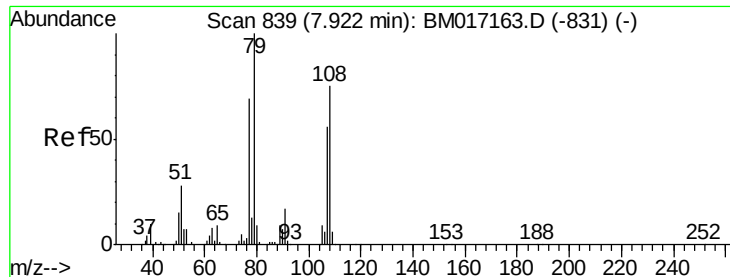
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.468 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

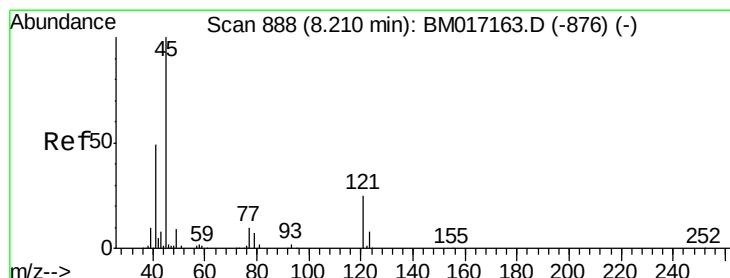
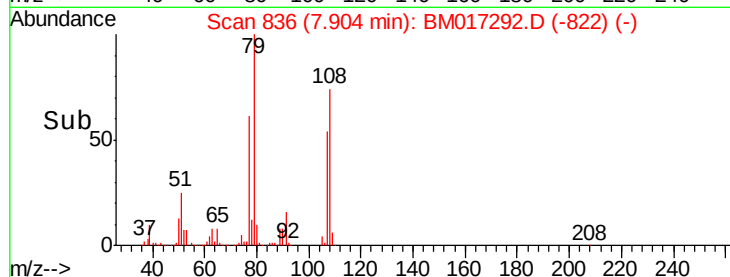
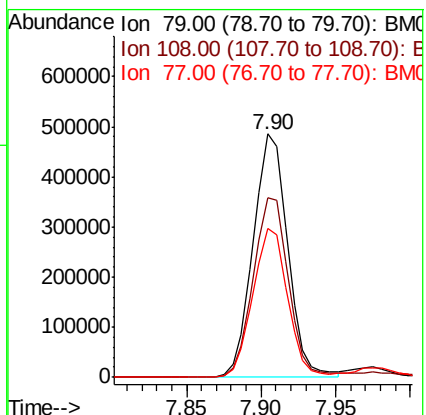
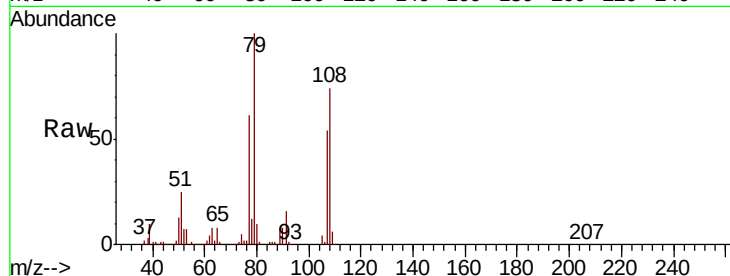
Tot Ion: 79 Resp: 779644

Ion Ratio Lower Upper

79 100

108 73.7 60.3 90.5

77 61.4 54.8 82.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.326 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

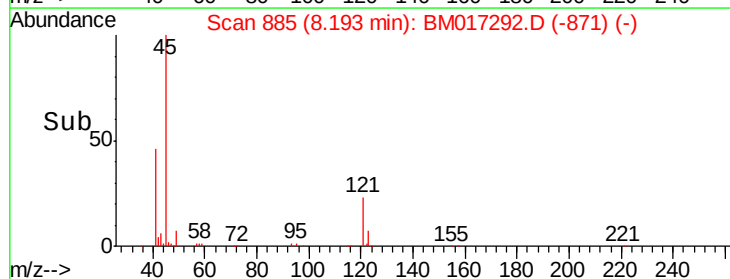
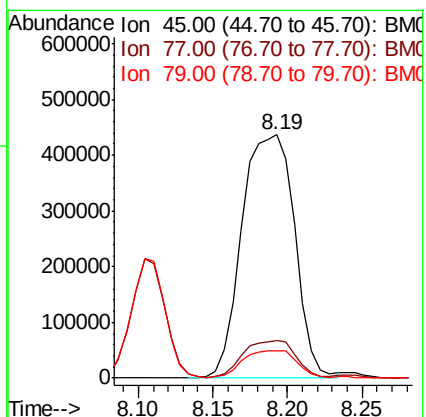
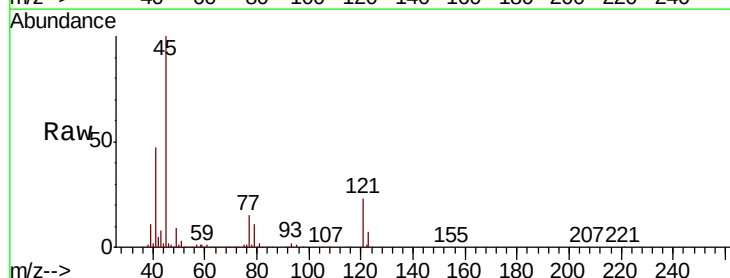
Tgt Ion: 45 Resp: 1063693

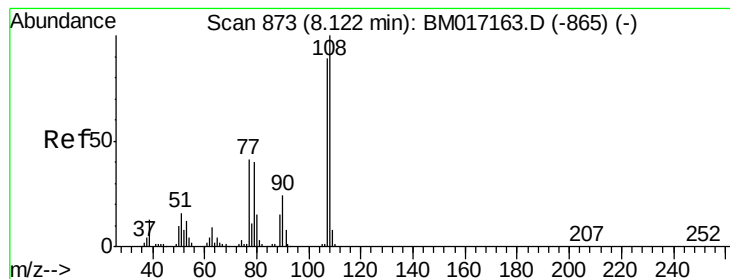
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.5

79 11.4 0.0 32.1

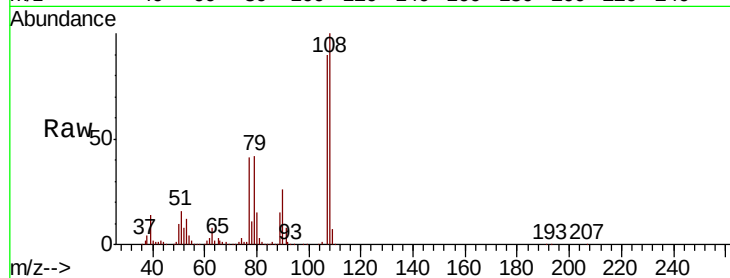




#17
2-Methylphenol
Concen: 47.209 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.3	135.5
77	45.7	37.0	55.4
79	46.7	35.8	53.6



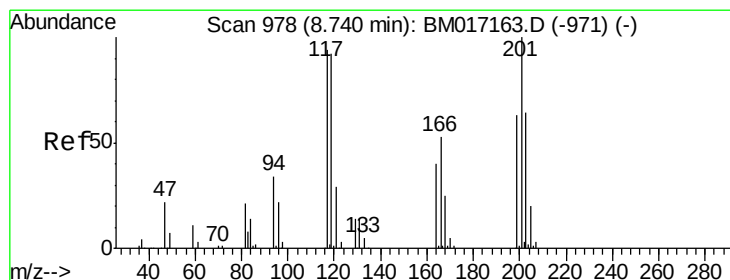
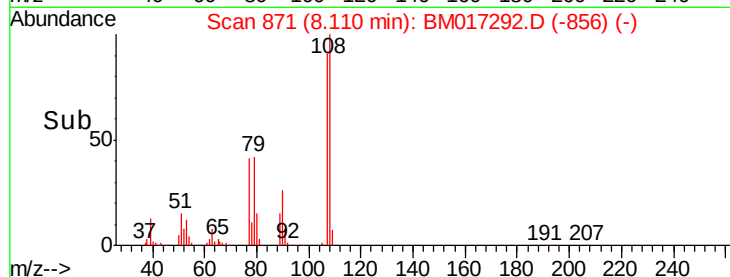
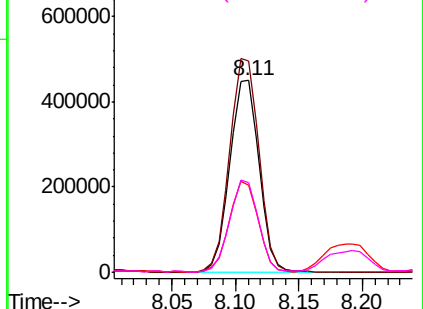
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

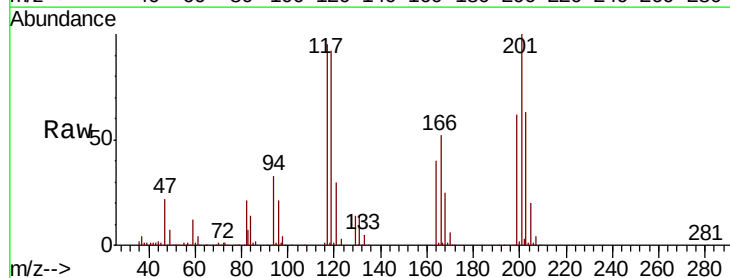
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 43.205 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.2
201	104.9	85.3	127.9

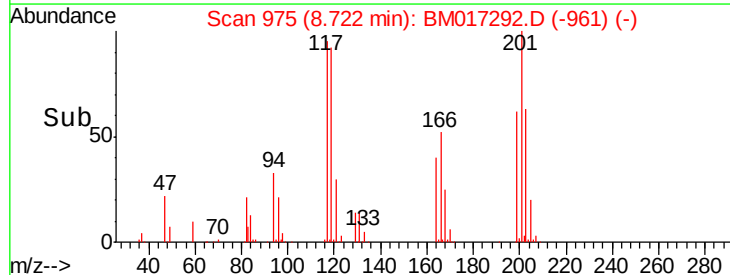
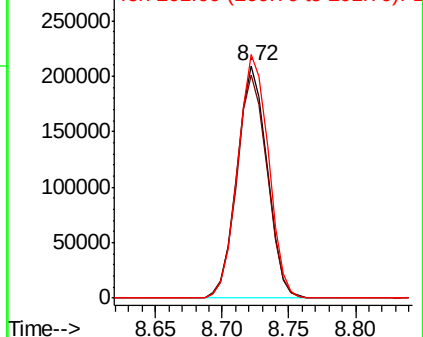


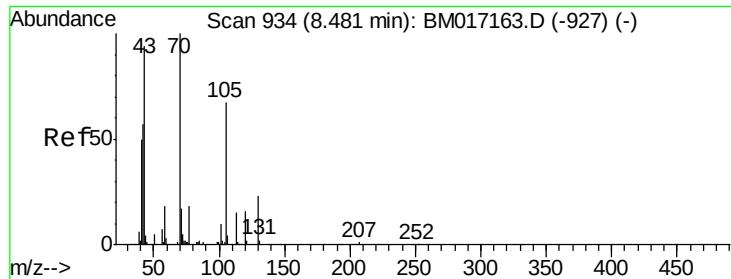
Abundance

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

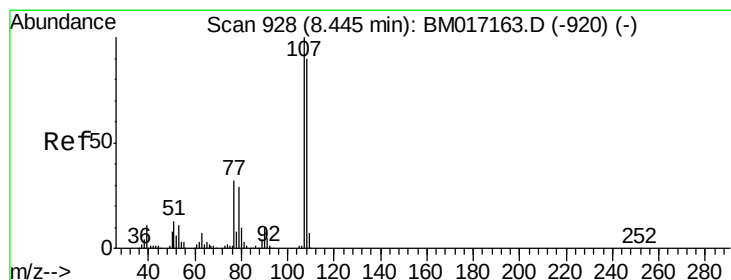
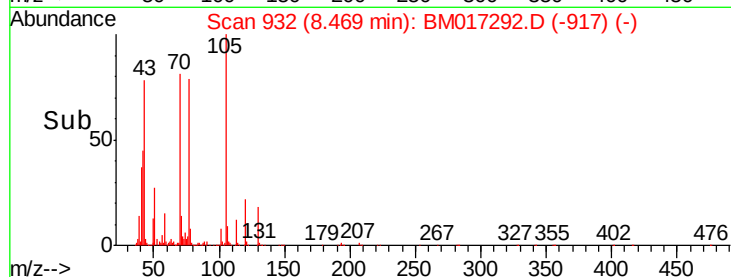
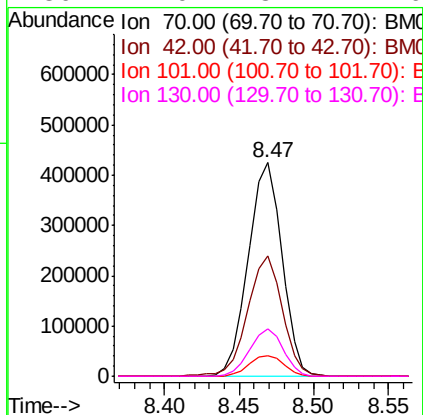
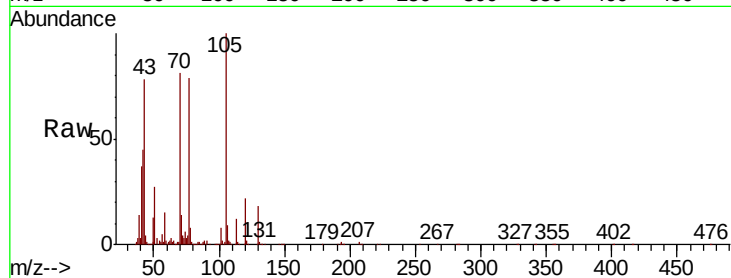




#19
n-Nitroso-di-n-propylamine
Concen: 45.640 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

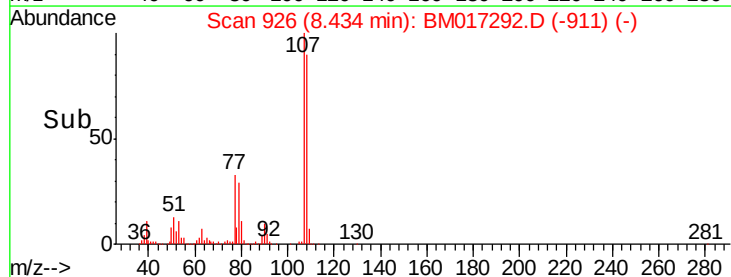
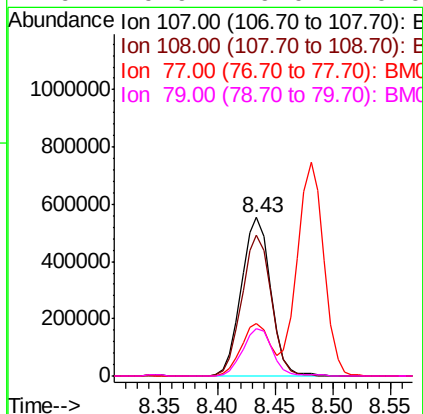
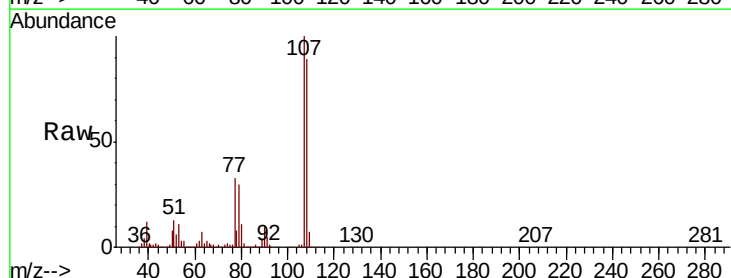
Instrument :
BNA_M
ClientSampleId :

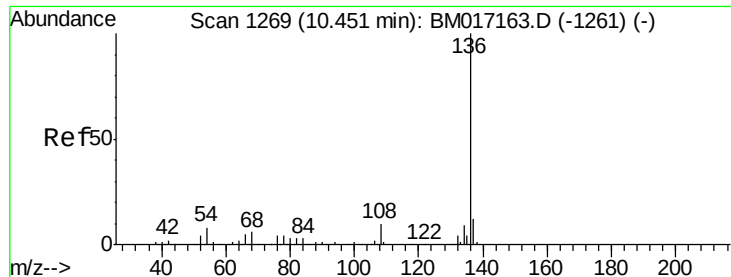
Tot Ion:	70	Resp:	661342
Ion	Ratio	Lower	Upper
70	100		
42	56.1	46.1	69.1
101	9.8	8.2	12.4
130	22.0	18.4	27.6



#20
3+4-Methylphenols
Concen: 47.308 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:	107	Resp:	983636
Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.9	109.9
77	33.4	12.2	52.2
79	29.9	9.0	49.0

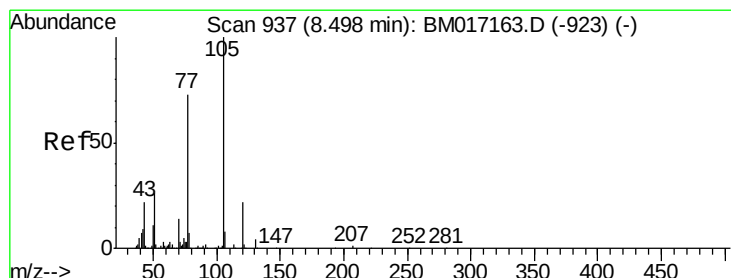
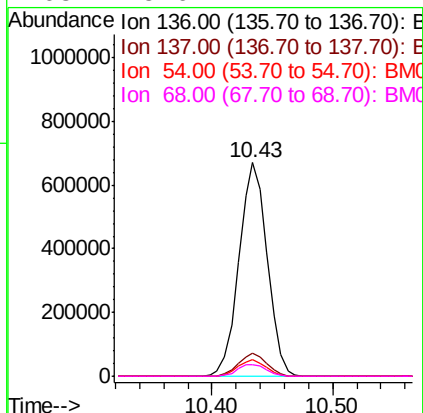
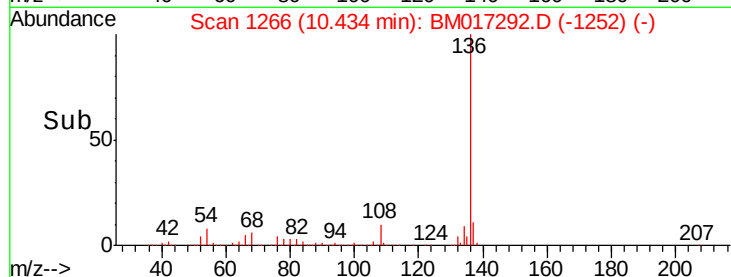
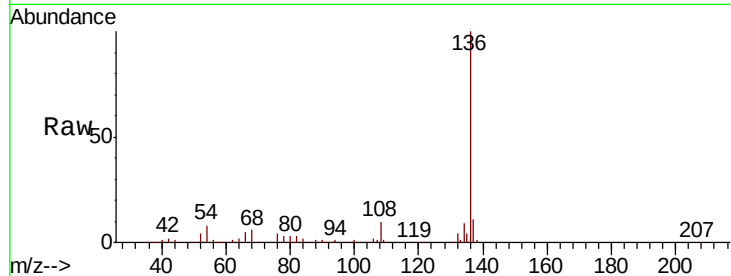




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

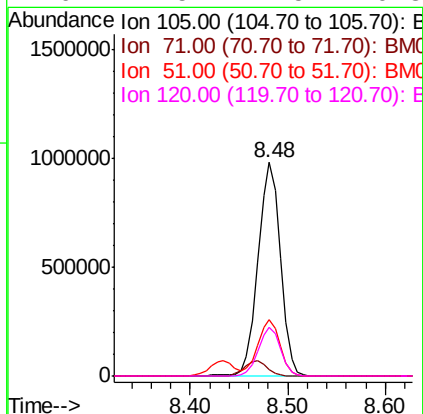
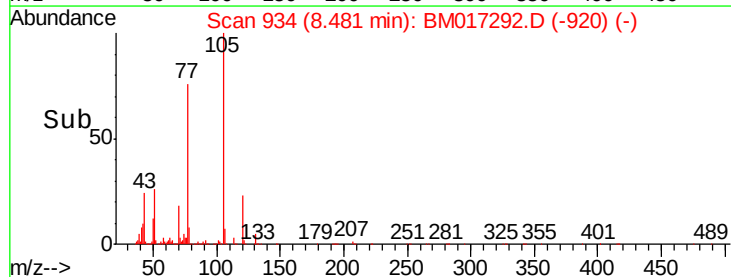
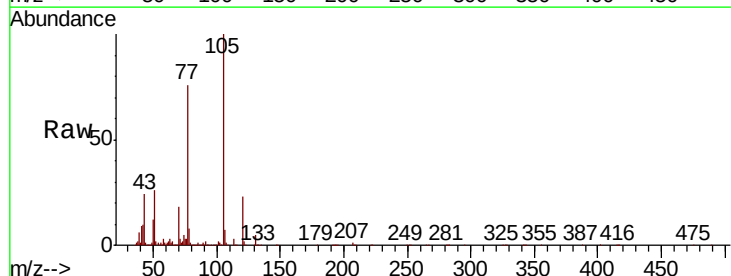
Instrument :
BNA_M
ClientSampled :

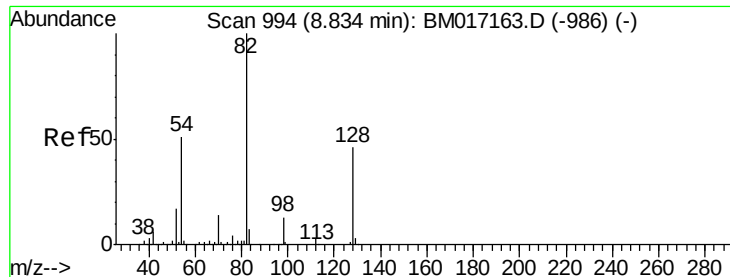
Tot Ion:136	Resp: 1093142
Ion Ratio	Lower Upper
136 100	
137 11.0	9.2 13.8
54 7.7	6.7 10.1
68 5.6	4.7 7.1



#22
Acetophenone
Concen: 57.101 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt	Ion:105	Resp:	1582245
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.0	3.0#
51	26.3	20.6	31.0
120	22.5	17.5	26.3

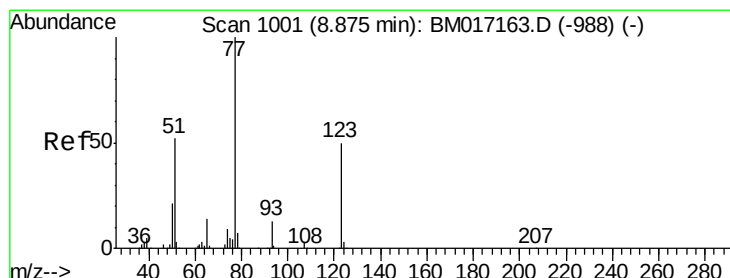
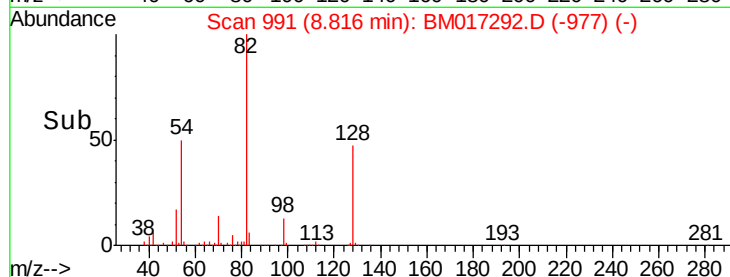
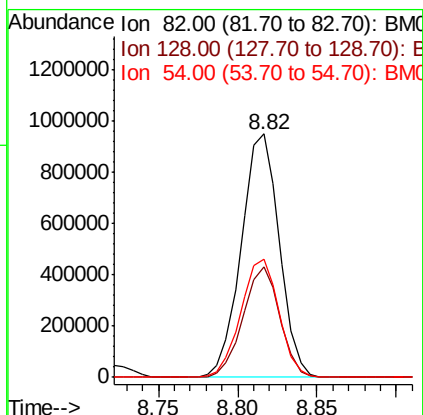
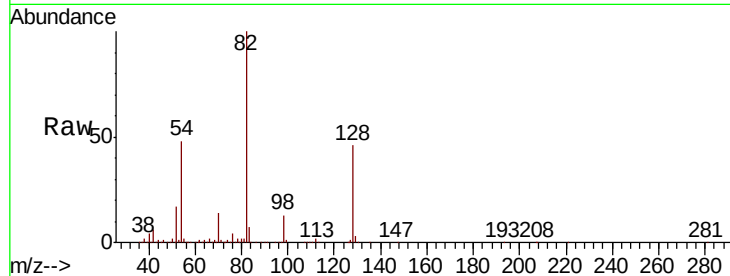




#23
Nitrobenzene-d5
Concen: 84.551 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

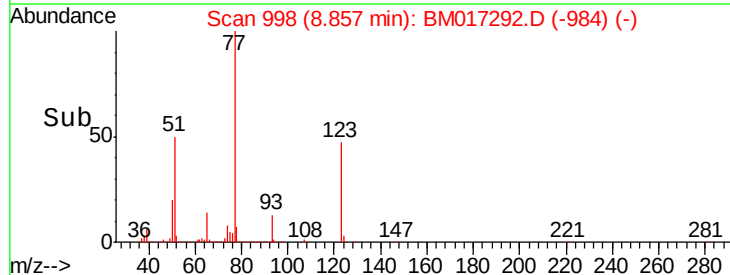
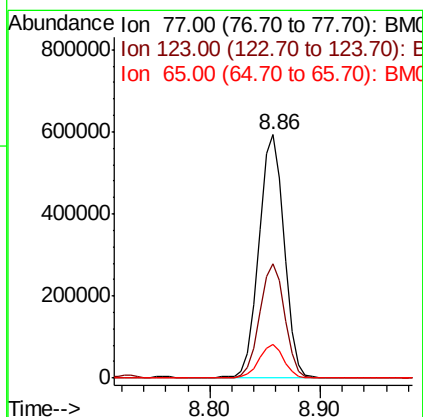
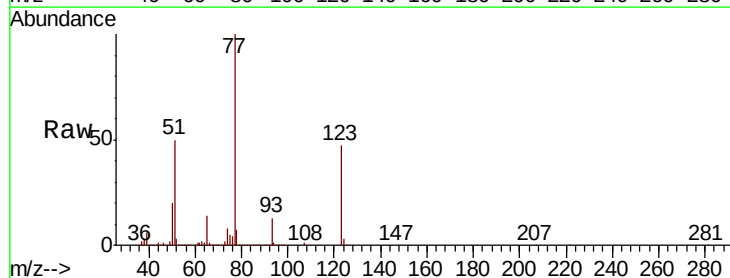
Instrument :
BNA_M
ClientSampleId :

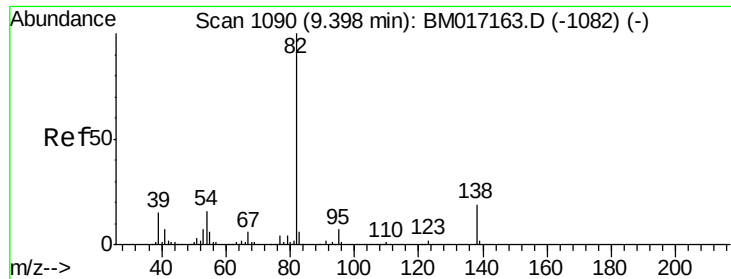
Tot Ion: 82 Resp: 1580315
Ion Ratio Lower Upper
82 100
128 45.6 37.0 55.6
54 48.4 40.7 61.1



#24
Nitrobenzene
Concen: 48.133 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion: 77 Resp: 951622
Ion Ratio Lower Upper
77 100
123 47.0 40.2 60.4
65 13.7 11.4 17.0

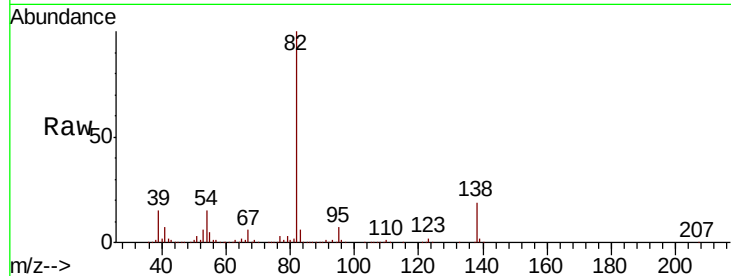




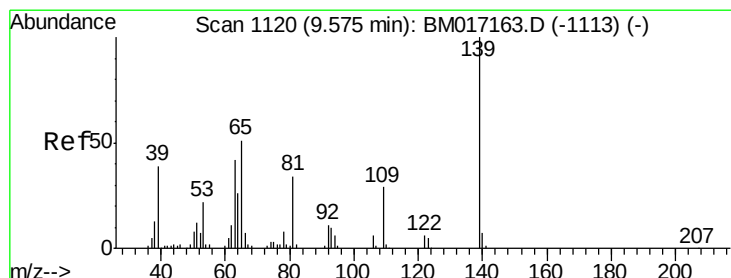
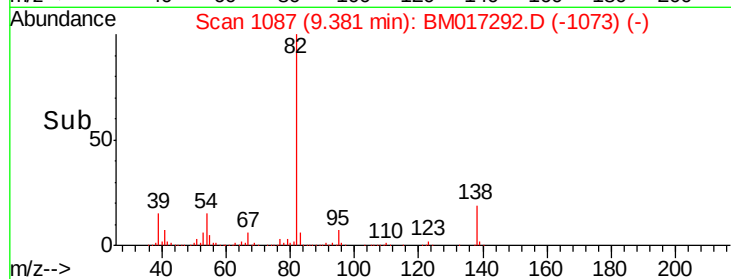
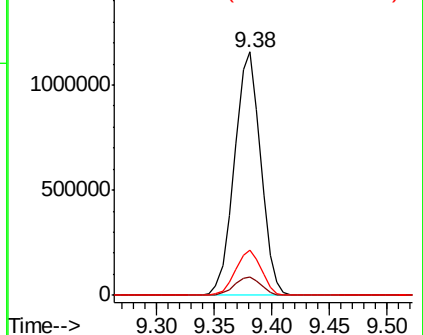
#25
Isophorone
Concen: 59.131 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1825001
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.5 15.4 23.2

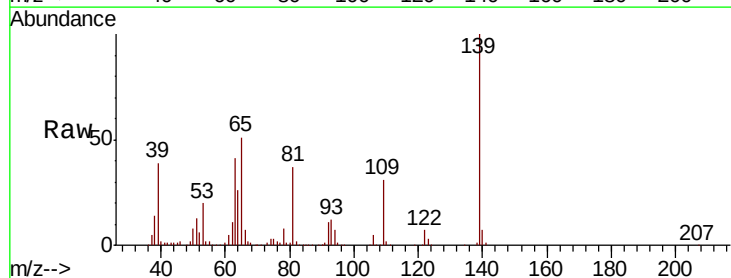


Abundance Ion 82.00 (81.70 to 82.70): BM017292.D (-1082) (-)
Ion 95.00 (94.70 to 95.70): BM017292.D (-1082) (-)
Ion 138.00 (137.70 to 138.70): BM017292.D (-1082) (-)

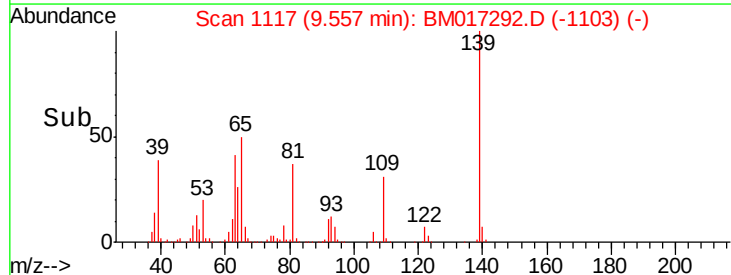
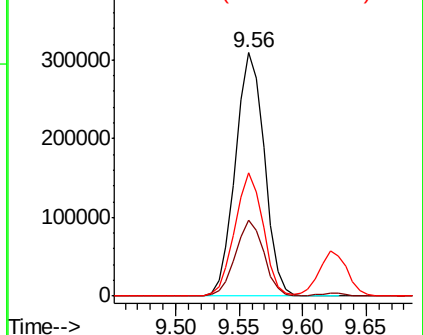


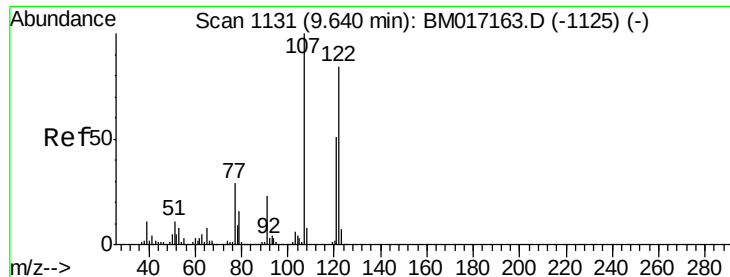
#26
2-Nitrophenol
Concen: 52.281 ng
RT: 9.56 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion: 139 Resp: 489093
Ion Ratio Lower Upper
139 100
109 31.4 23.2 34.8
65 50.6 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): BM017292.D (-1113) (-)
Ion 109.00 (108.70 to 109.70): BM017292.D (-1113) (-)
Ion 65.00 (64.70 to 65.70): BM017292.D (-1113) (-)

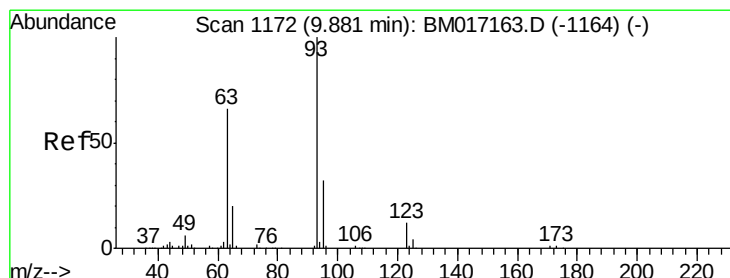
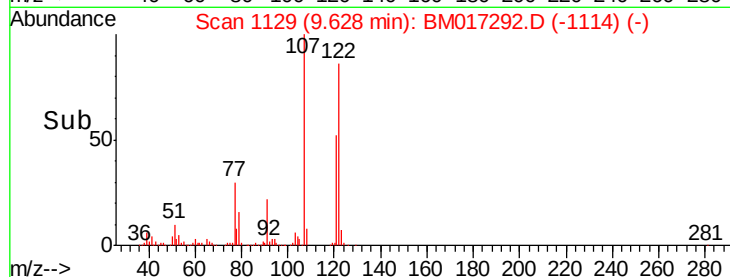
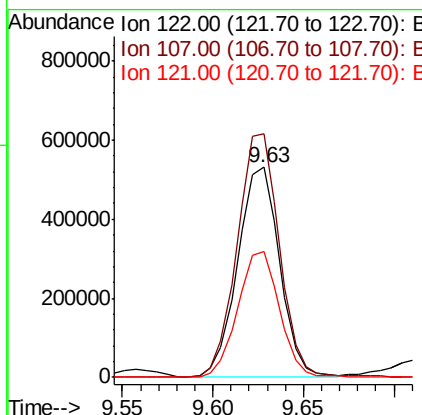
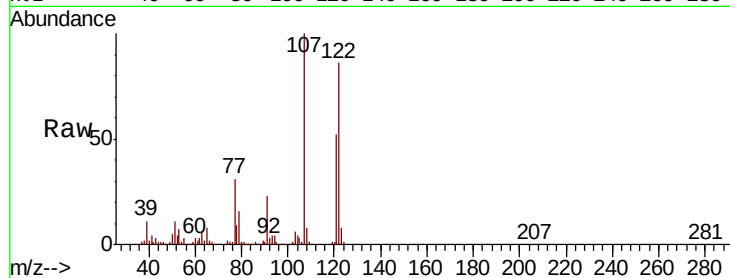




#27
2,4-Dimethylphenol
Concen: 62.414 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

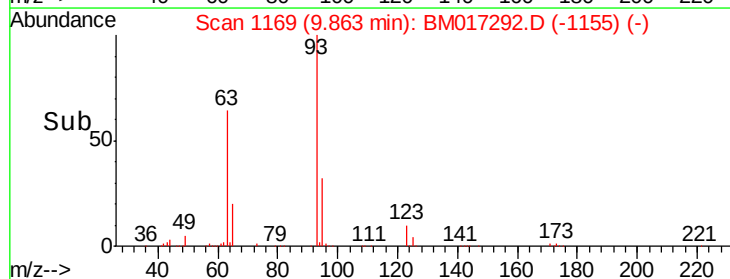
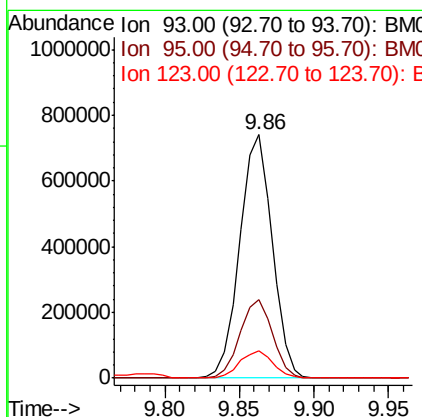
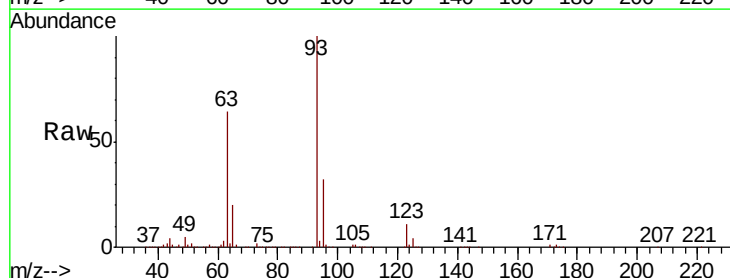
Instrument :
BNA_M
ClientSampleId :

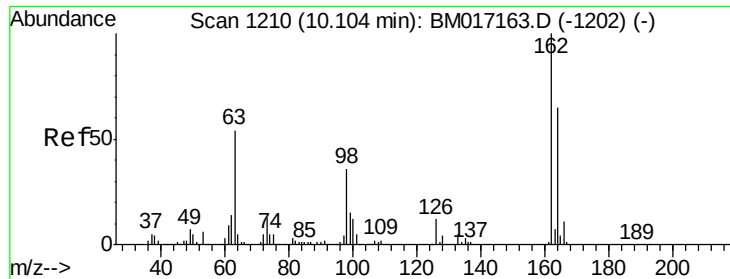
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	95.0	142.6
121	60.1	48.2	72.4



#28
bis(2-Chloroethoxy)methane
Concen: 51.494 ng
RT: 9.86 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	11.4	9.4	14.0

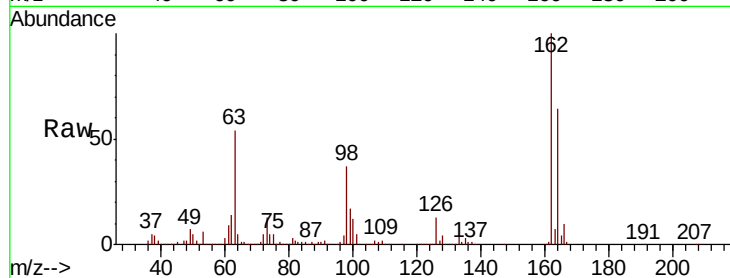




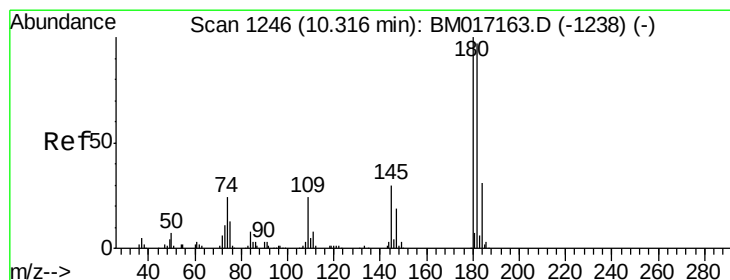
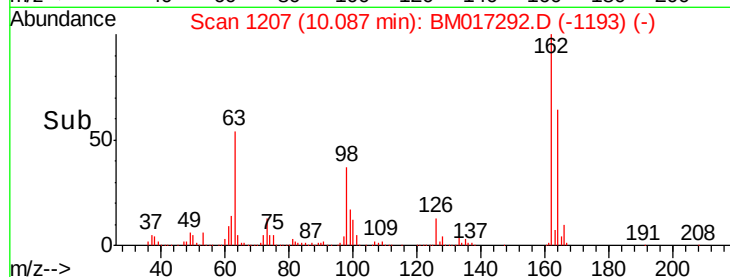
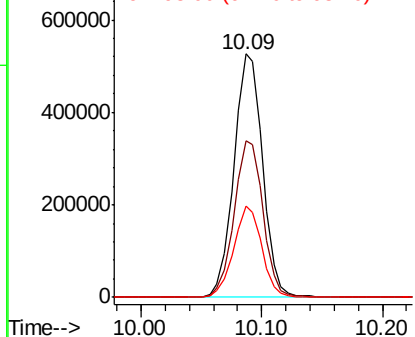
#29
2,4-Dichlorophenol
Concen: 54.937 ng
RT: 10.09 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.9	84.9
98	37.2	15.8	55.8

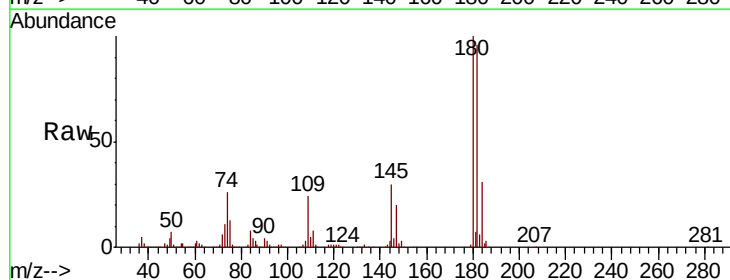


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

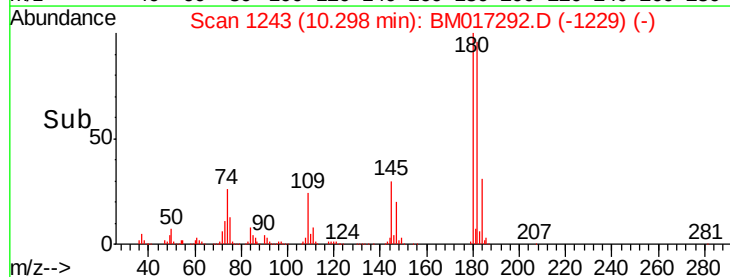
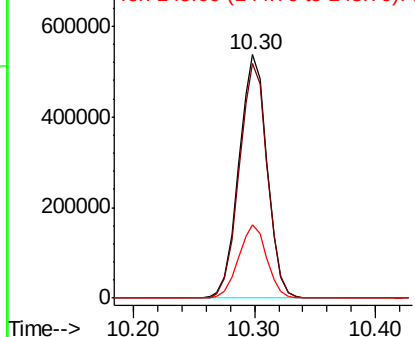


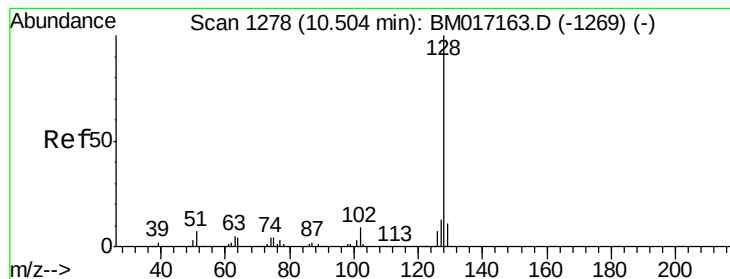
#30
1,2,4-Trichlorobenzene
Concen: 45.782 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.5	116.3
145	30.0	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.979 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

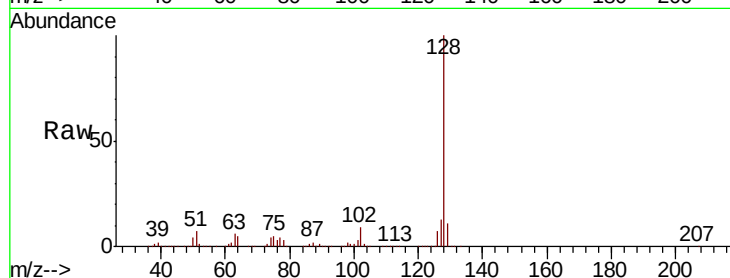
Instrument :

BNA_M

ClientSampled :

Tot Ion:128 Resp: 2677394

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.2	10.3	15.5

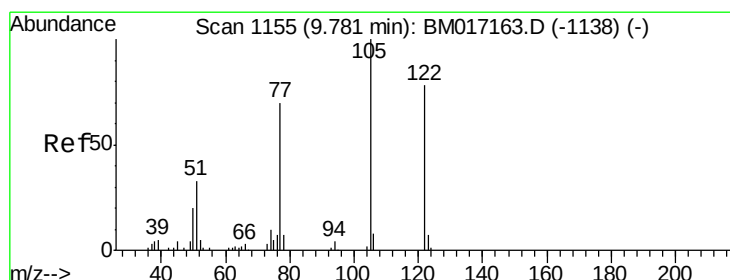
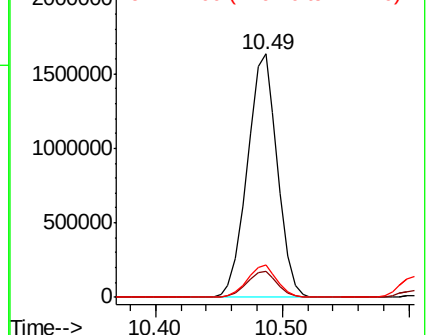
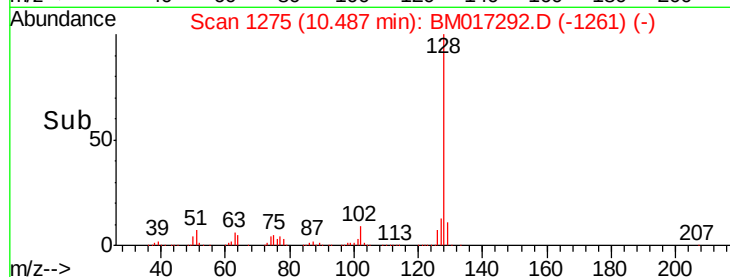


Abundance

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: 61.227 ng

RT: 9.79 min Scan# 1156

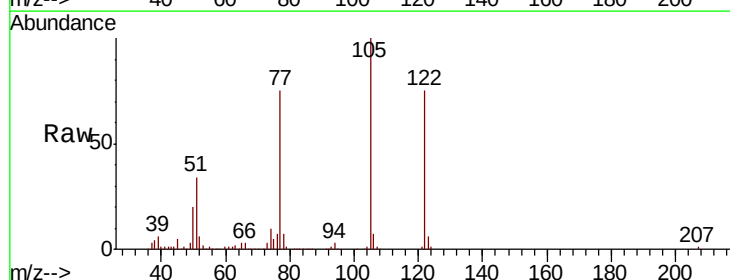
Delta R.T. 0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:122 Resp: 623465

Ion	Ratio	Lower	Upper
122	100		
105	132.7	102.0	142.0
77	98.9	67.7	107.7

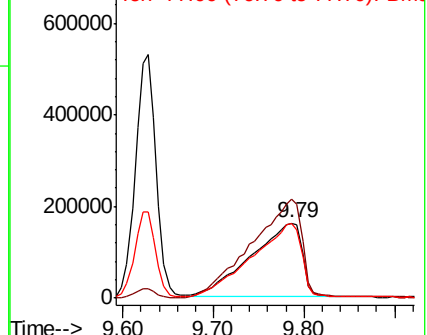
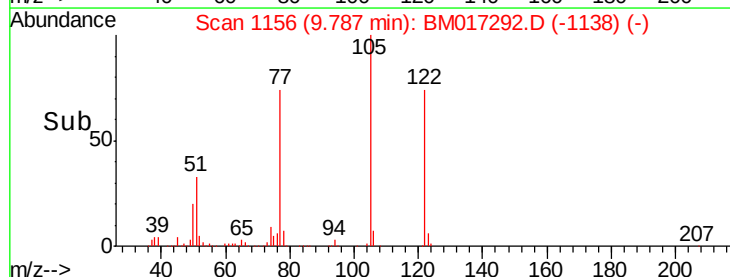


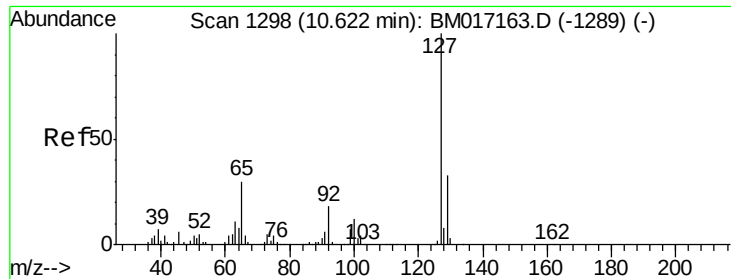
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

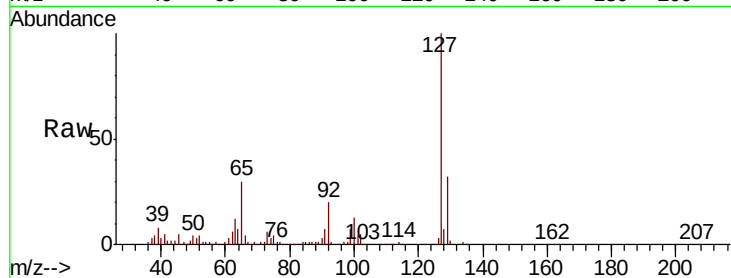




#33
4-Chloroaniline
Concen: 11.310 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	261683
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.4
65	29.6	23.7	35.5
92	19.6	14.3	21.5



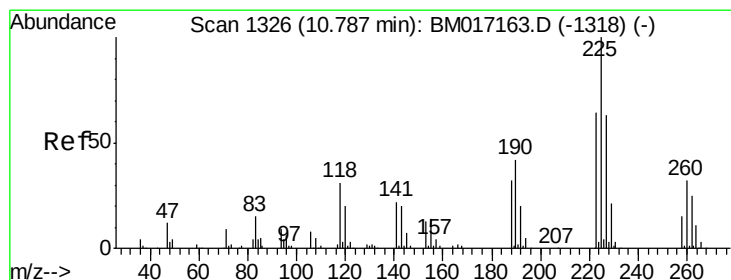
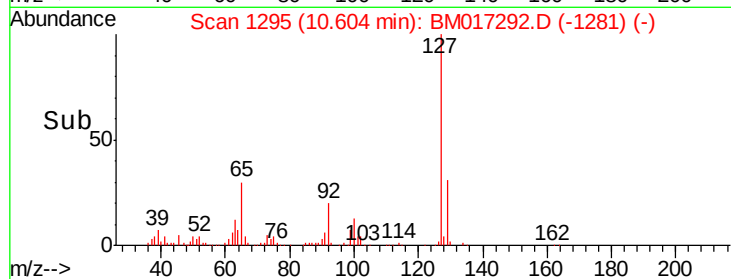
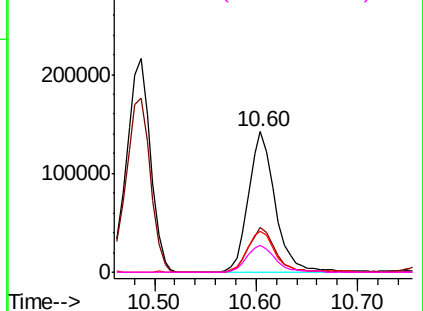
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

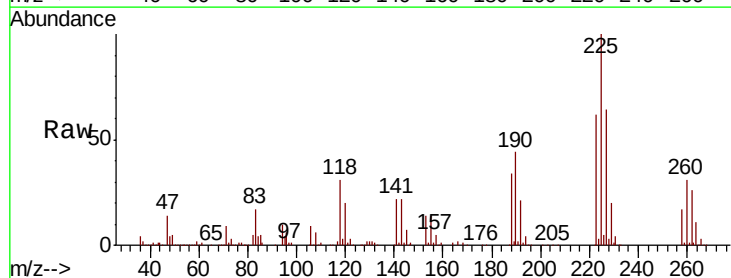
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 43.572 ng
RT: 10.76 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:	225	Resp:	524786
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.6	50.8	76.2

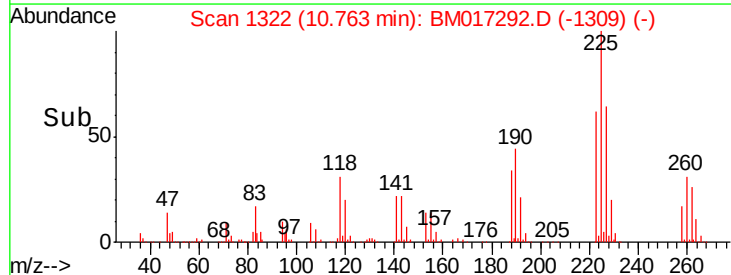
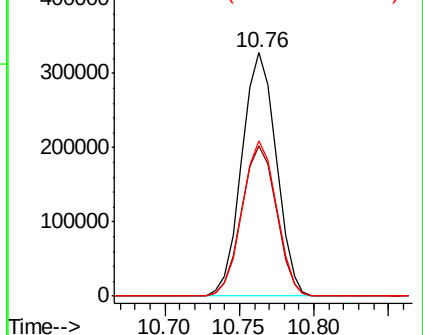


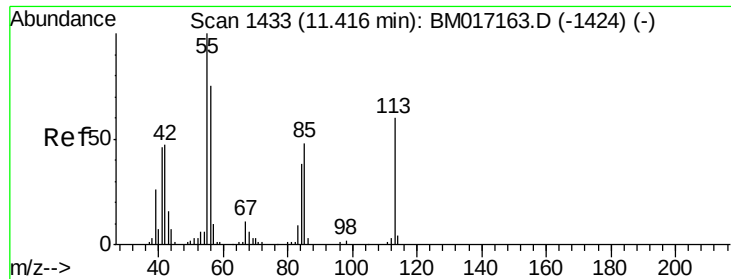
Abundance

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: 36.580 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampled :

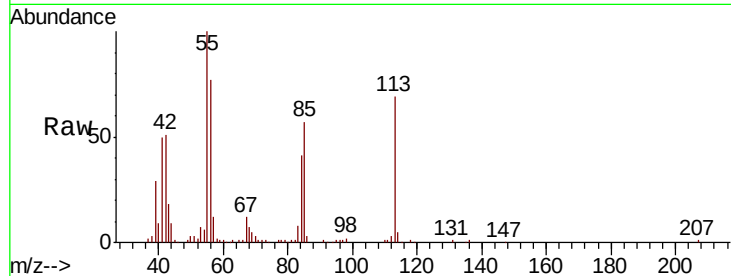
Tot Ion:113 Resp: 211241

Ion Ratio Lower Upper

113 100

55 145.3 147.0 187.0#

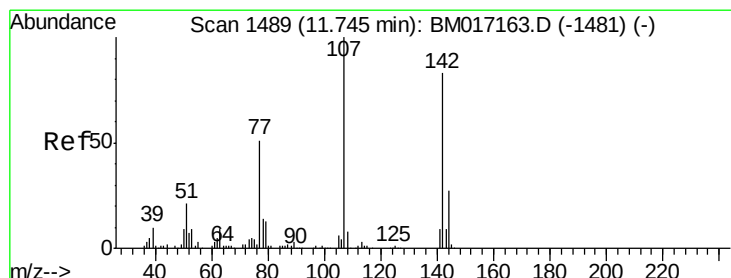
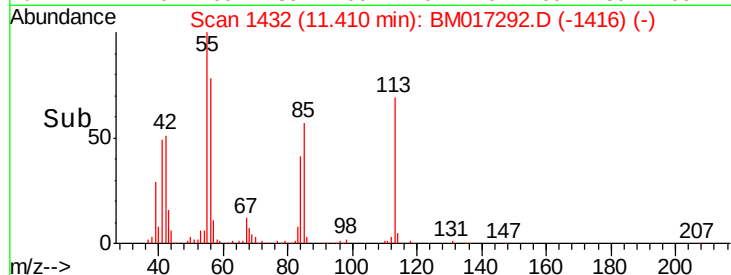
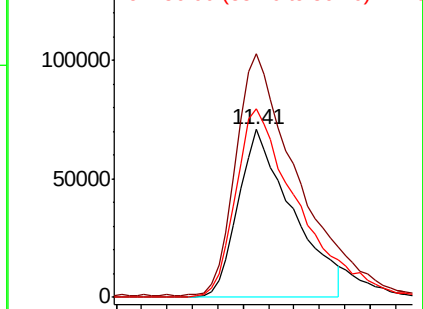
56 112.5 104.5 144.5



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: 54.994 ng

RT: 11.73 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

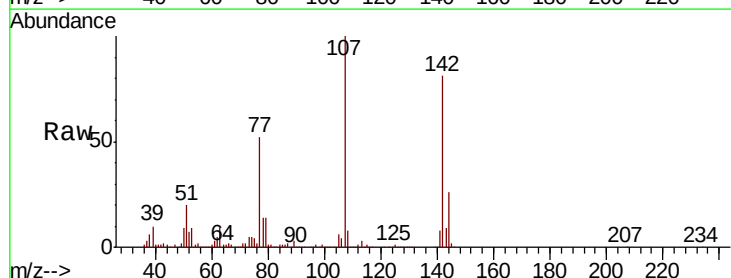
Tgt Ion:107 Resp: 982251

Ion Ratio Lower Upper

107 100

144 25.8 21.6 32.4

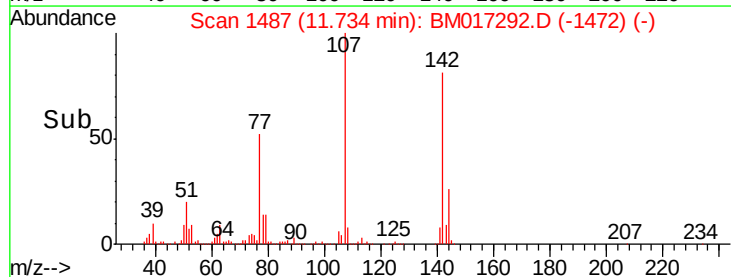
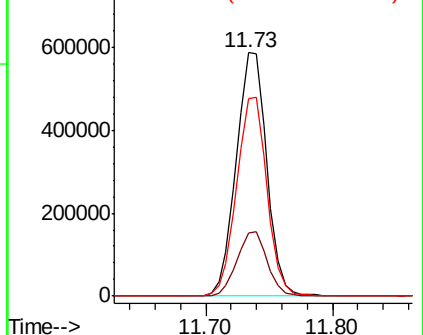
142 81.0 66.0 99.0

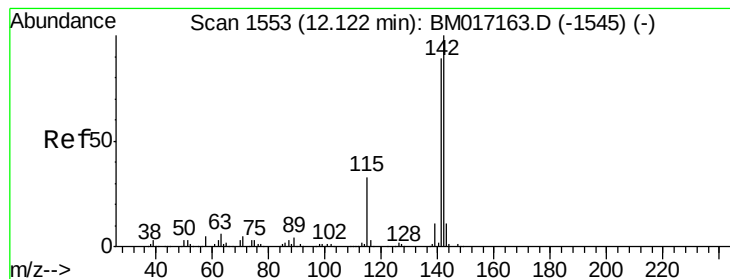


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 56.267 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

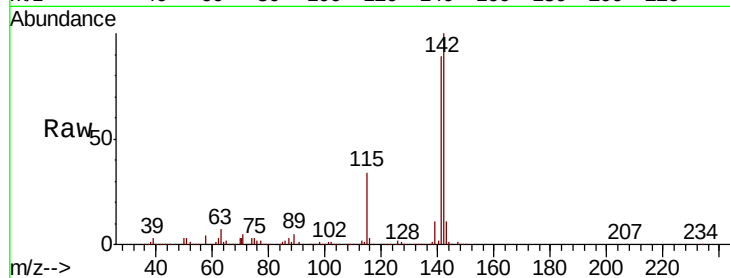
Tot Ion:142 Resp: 2062672

Ion Ratio Lower Upper

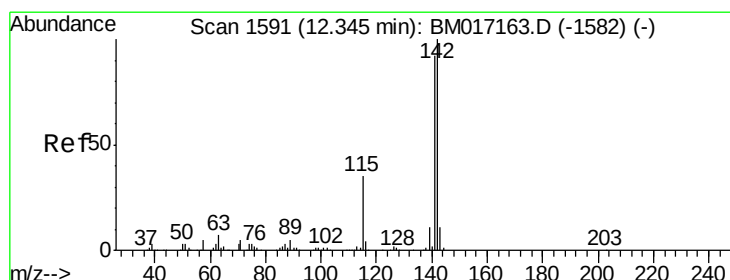
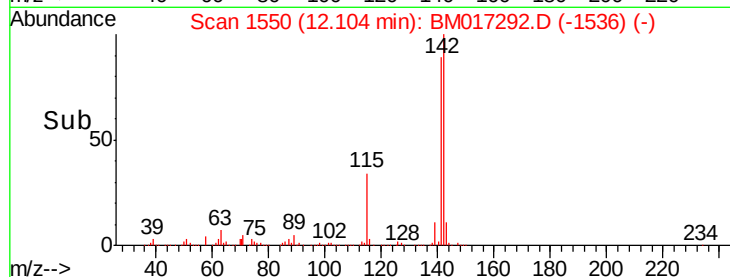
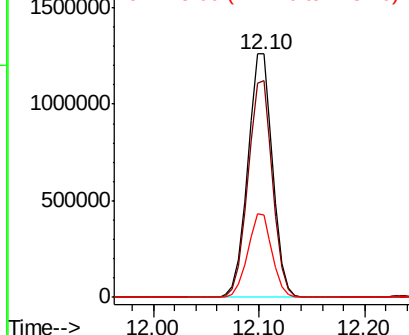
142 100

141 89.0 70.9 106.3

115 33.9 26.4 39.6



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: 54.870 ng

RT: 12.32 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

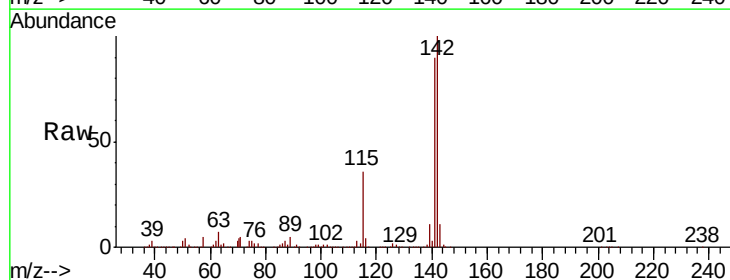
Tgt Ion:142 Resp: 1957725

Ion Ratio Lower Upper

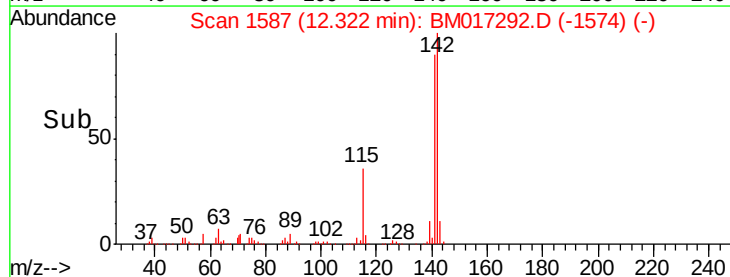
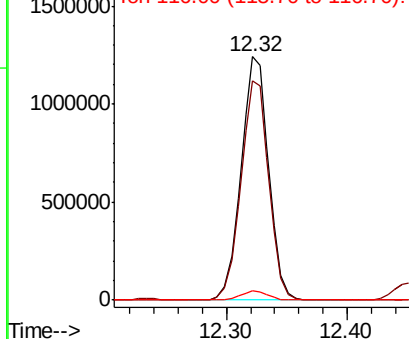
142 100

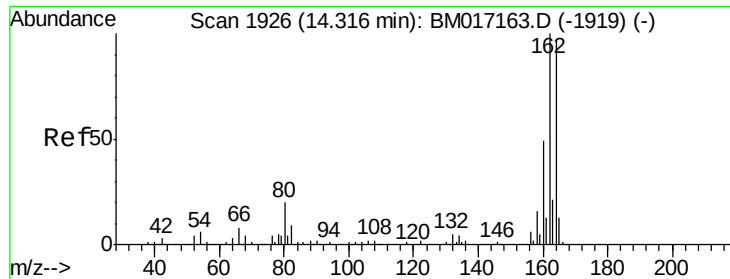
141 90.1 73.8 110.6

116 3.8 2.9 4.3



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: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

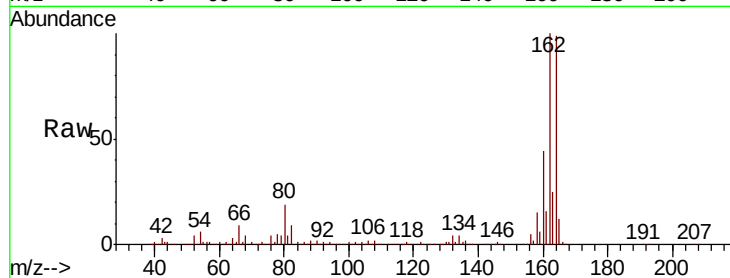
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 672473

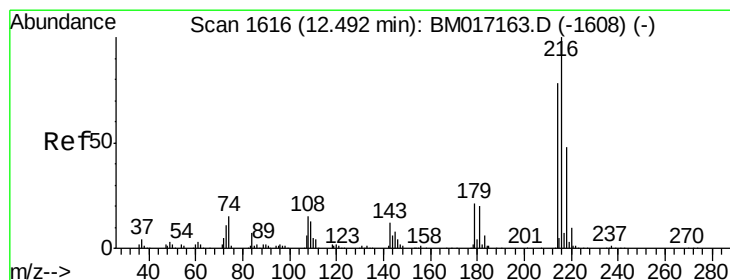
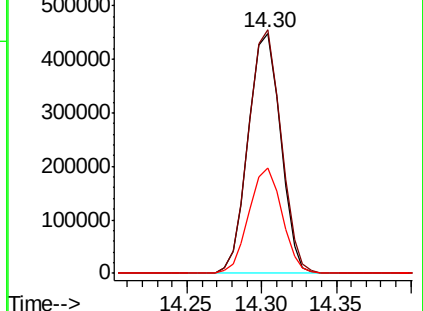
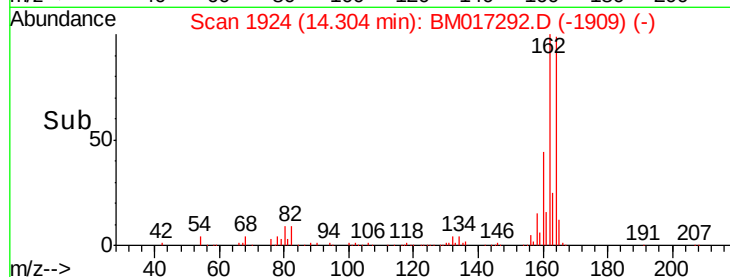
Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.1	123.1
160	44.2	40.2	60.2



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: 44.048 ng

RT: 12.47 min Scan# 1613

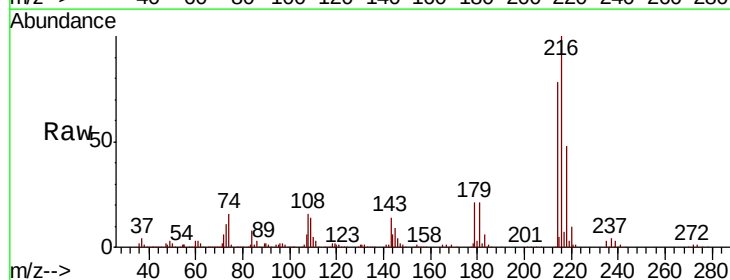
Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:216 Resp: 1043151

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	93.8
179	21.0	16.6	24.8
108	19.0	13.5	20.3

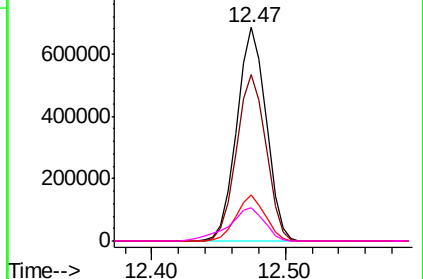
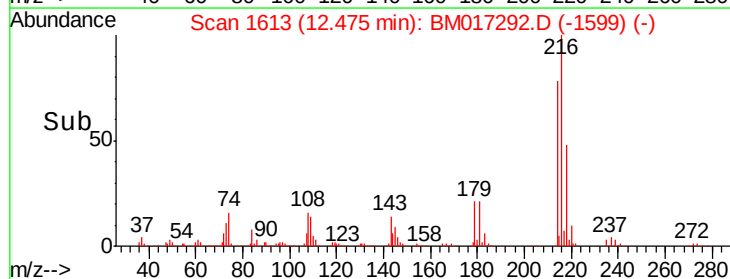


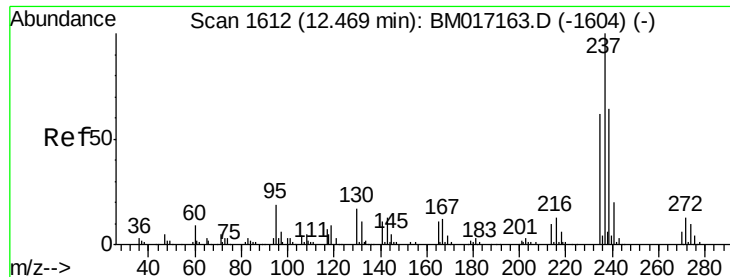
Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.684 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampled :

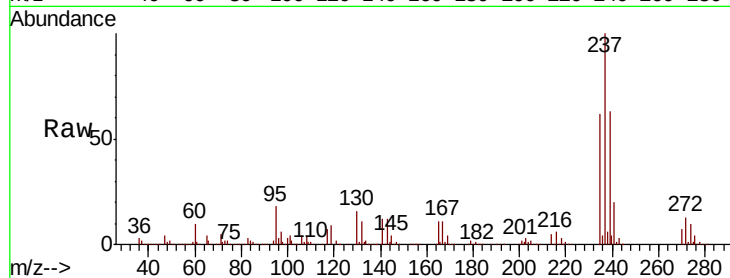
Tot Ion:237 Resp: 1164160

Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.4	82.4
272	12.9	0.0	33.0

237 100

235 62.2 42.4 82.4

272 12.9 0.0 33.0

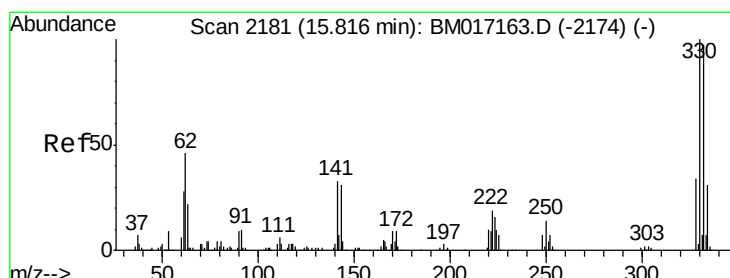
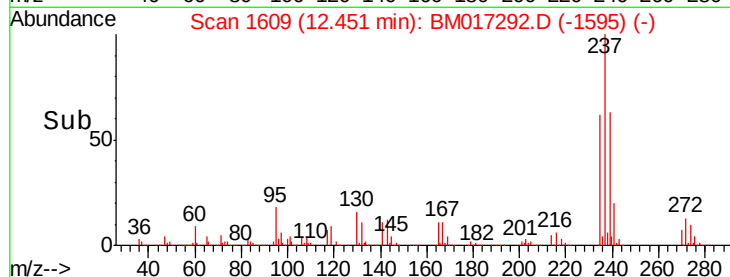
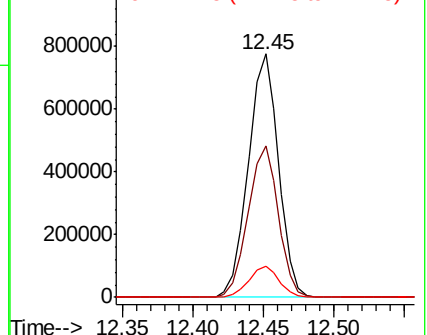


Abundance

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: 135.364 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

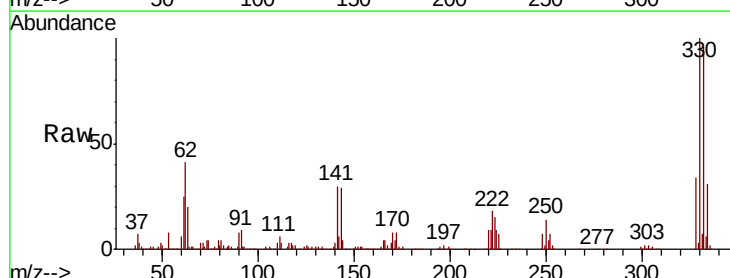
Tgt Ion:330 Resp: 1231033

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	32.6	27.4	41.0

330 100

332 96.5 77.3 115.9

141 32.6 27.4 41.0

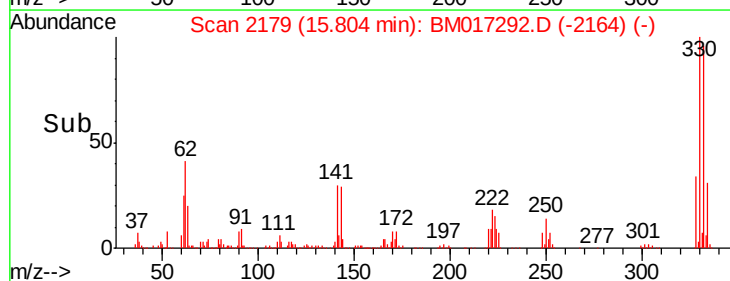
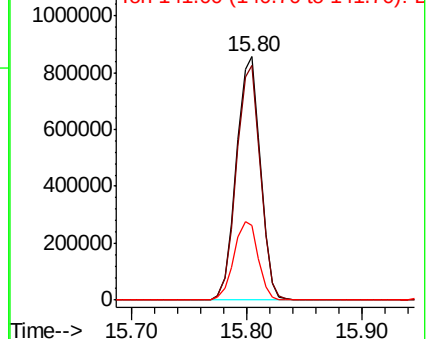


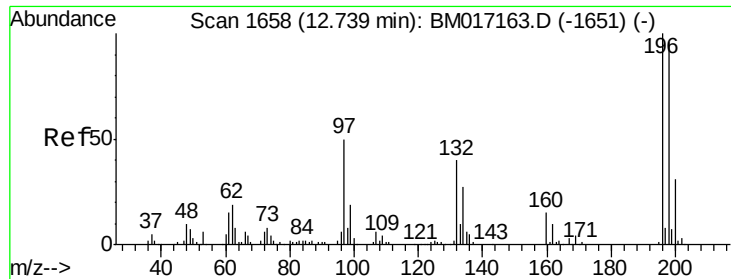
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

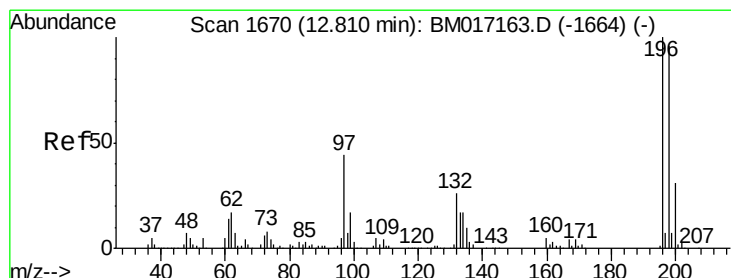
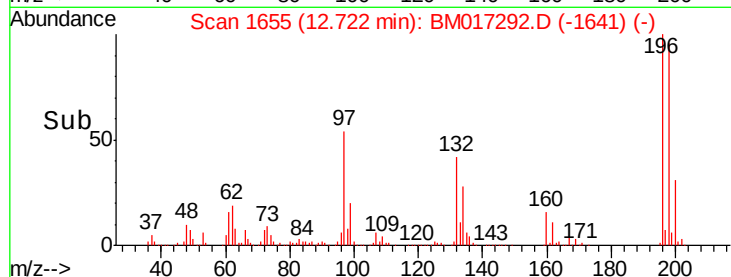
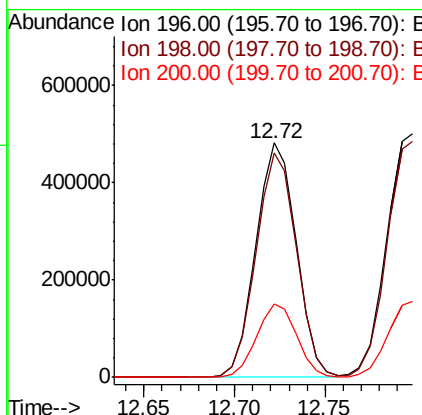
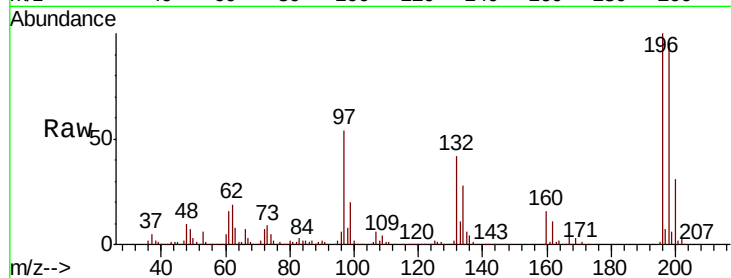




#43
 2,4,6-Trichlorophenol
 Concen: 54.393 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

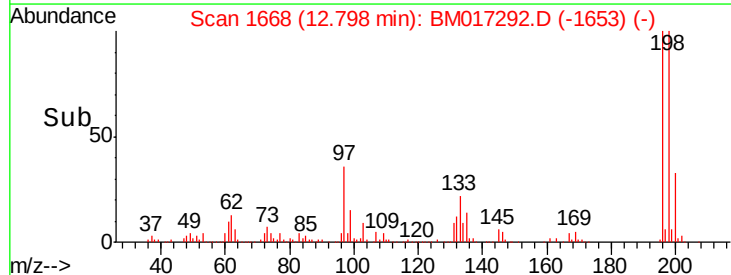
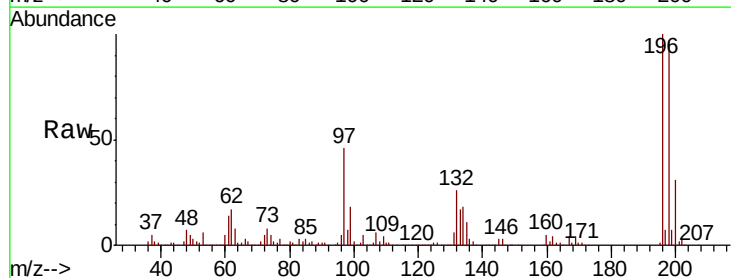
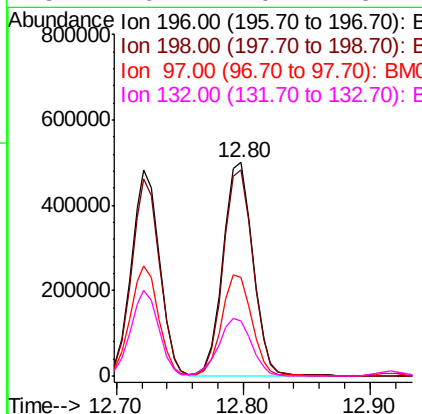
Instrument :
 BNA_M
 ClientSampleId :

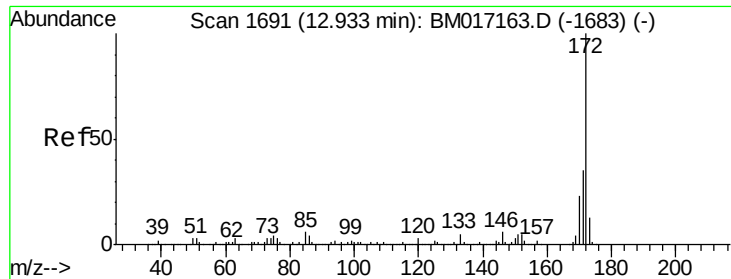
Tot Ion:196 Resp: 747766
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.1 115.7
 200 31.2 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 55.176 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion:196 Resp: 813402
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.6 115.0
 97 46.3 35.5 53.3
 132 26.1 20.7 31.1



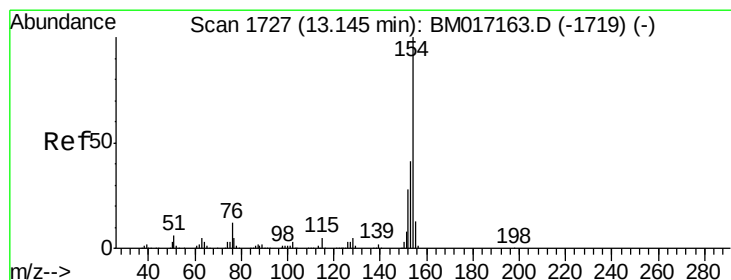
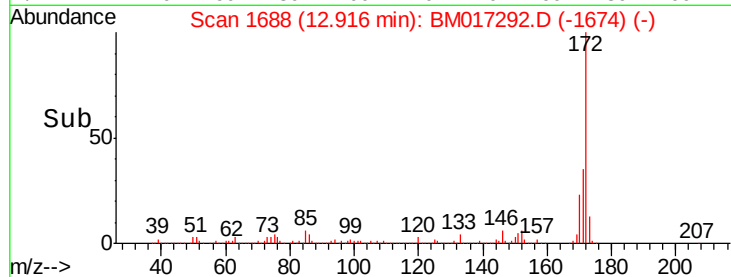
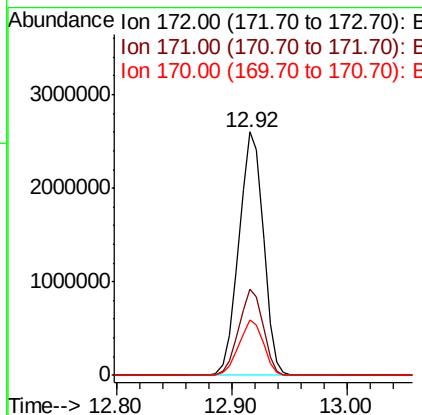
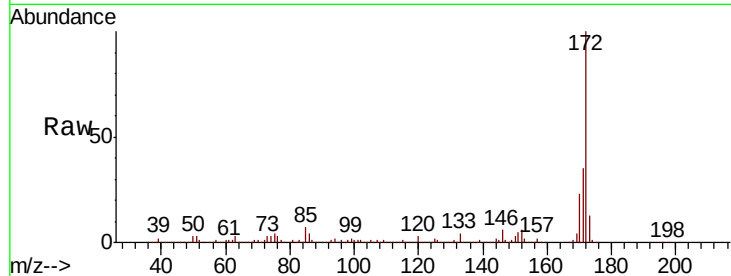


#45
 2-Fluorobiphenyl
 Concen: 75.740 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3828019

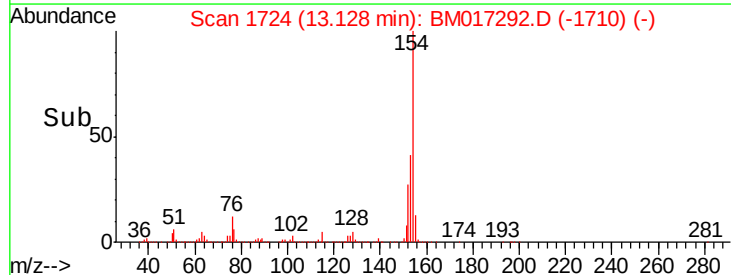
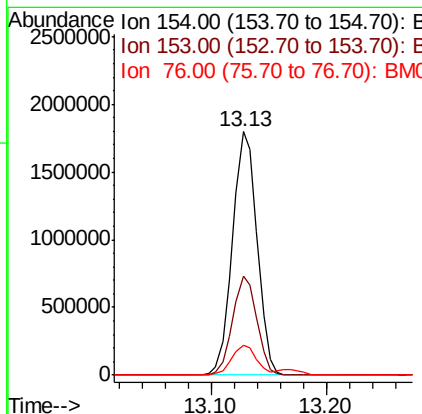
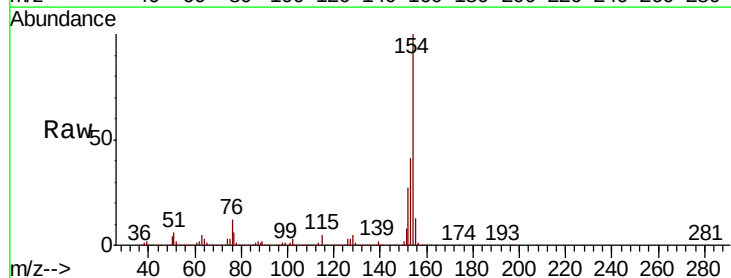
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.9	18.3	27.5

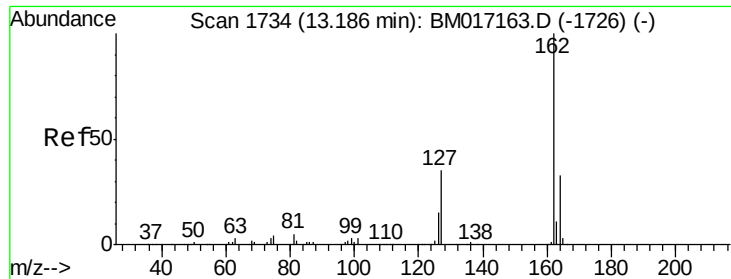


#46
 1,1'-Biphenyl
 Concen: 43.571 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion:154 Resp: 2636736

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	12.4	0.0	31.8

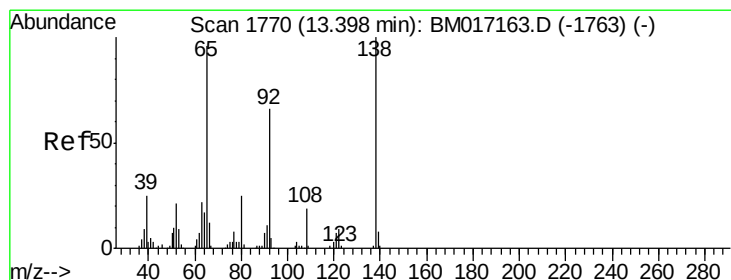
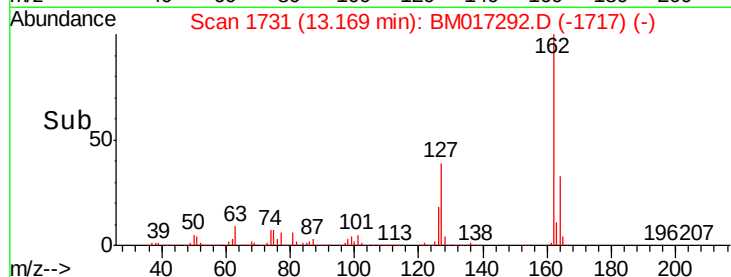
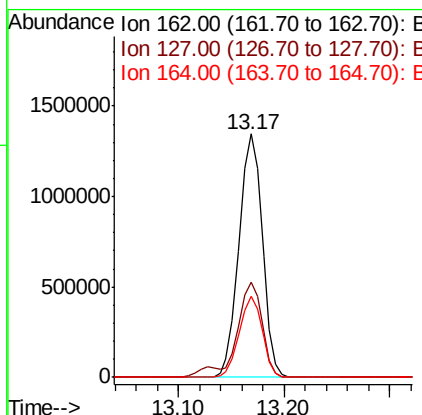
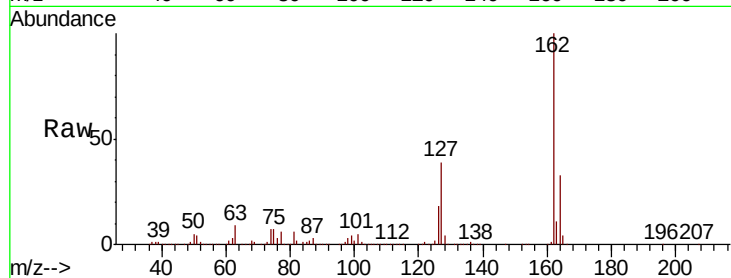




#47
2-Chloronaphthalene
Concen: 46.174 ng
RT: 13.17 min Scan# 1731
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

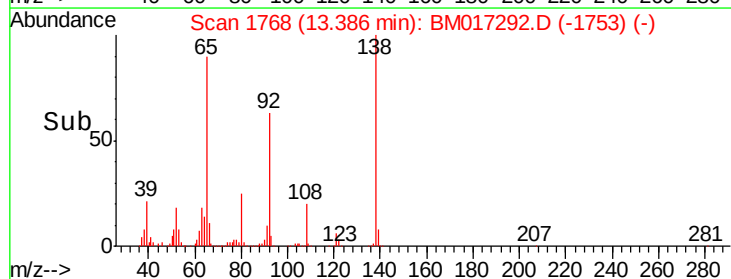
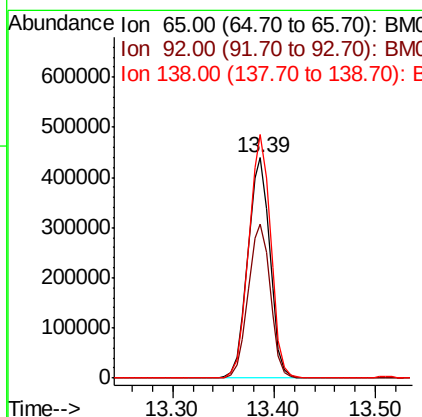
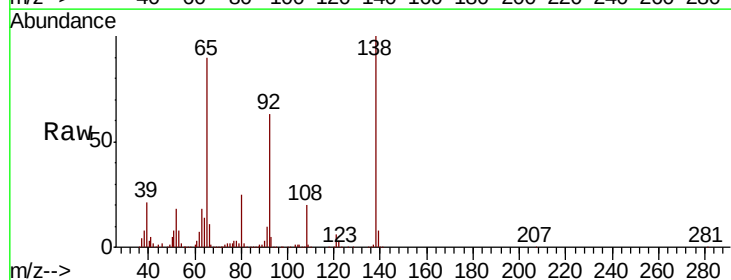
Instrument :
BNA_M
ClientSampleId :

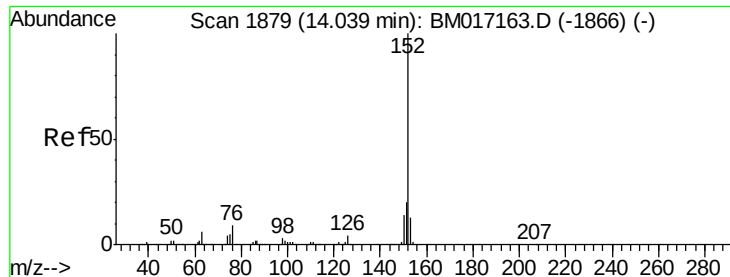
Tot Ion:162 Resp: 2055633
Ion Ratio Lower Upper
162 100
127 39.1 31.0 46.4
164 33.3 26.6 39.8



#48
2-Nitroaniline
Concen: 52.556 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion: 65 Resp: 668732
Ion Ratio Lower Upper
65 100
92 69.8 54.9 82.3
138 110.6 83.7 125.5





#49

Acenaphthylene

Concen: 53.243 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

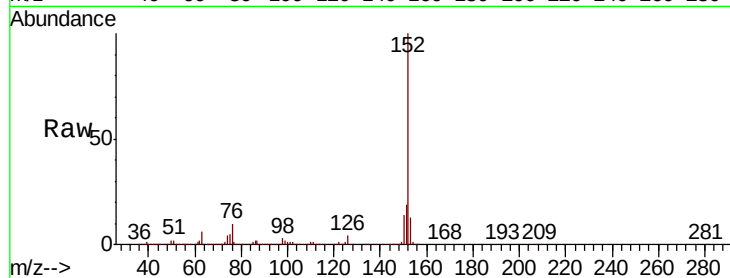
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 3435832

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	13.0	10.4	15.6

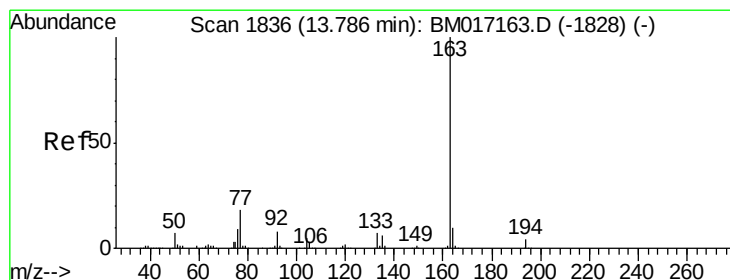
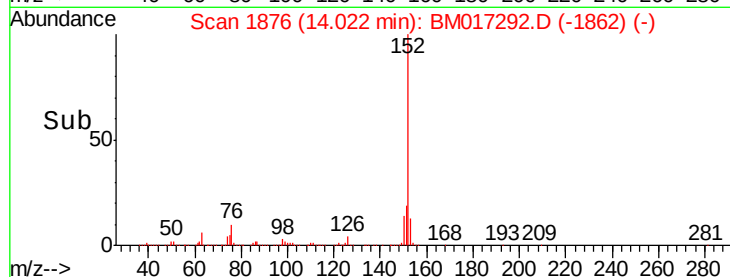
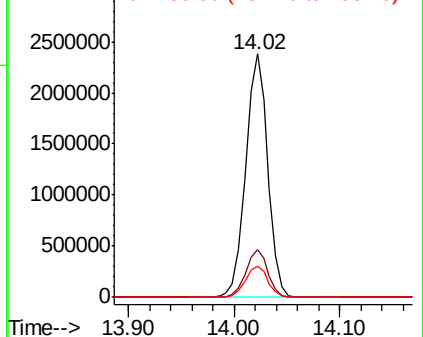


Abundance

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: 53.056 ng

RT: 13.77 min Scan# 1834

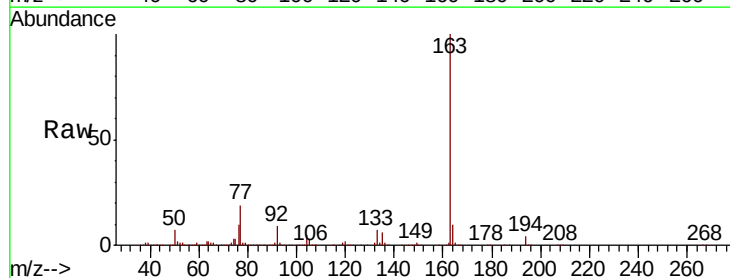
Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:163 Resp: 2752624

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	7.8	11.8

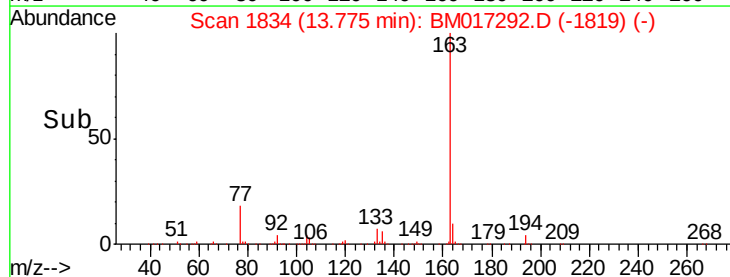
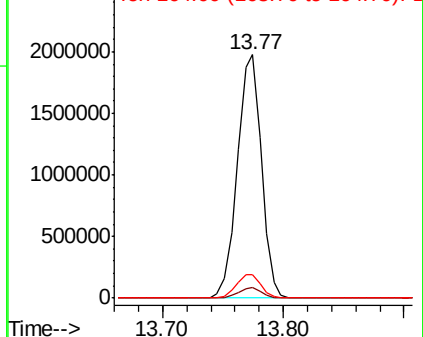


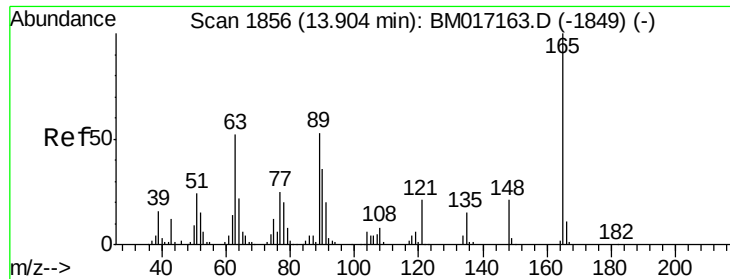
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

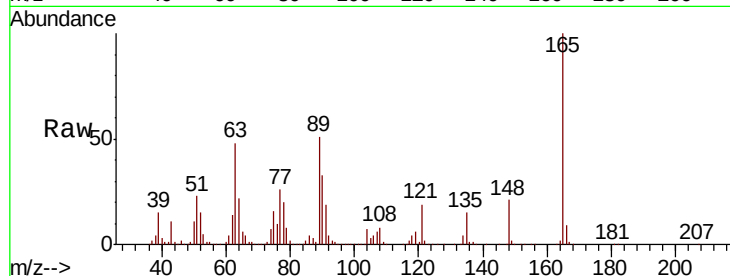




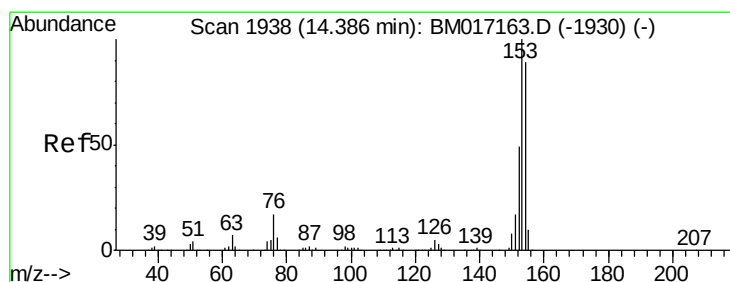
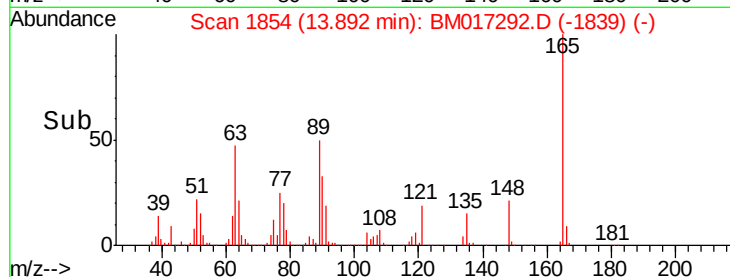
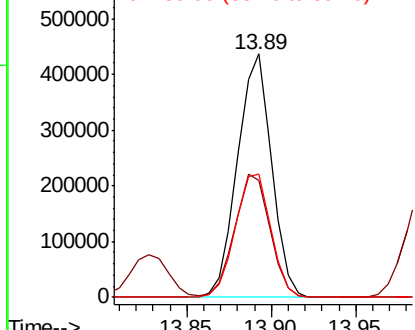
#51
2,6-Dinitrotoluene
Concen: 53.942 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.3	42.7	64.1
89	50.6	42.1	63.1

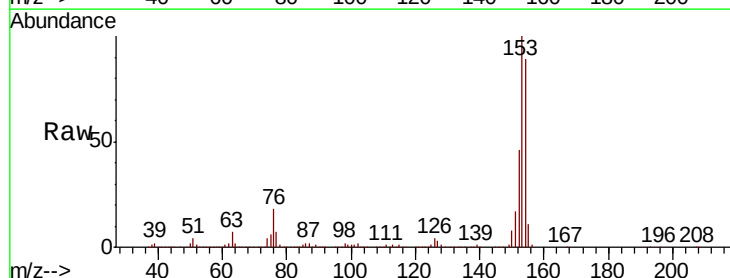


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

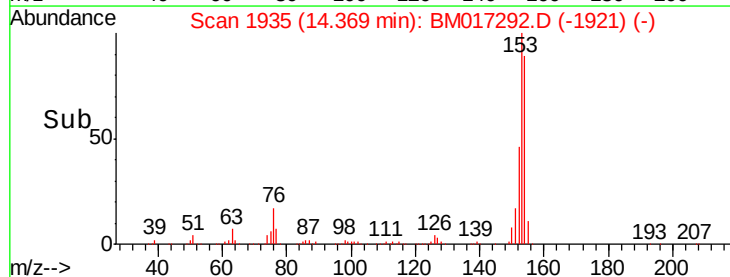
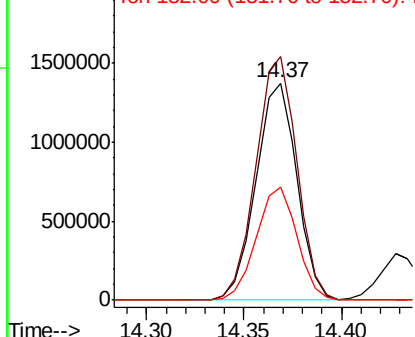


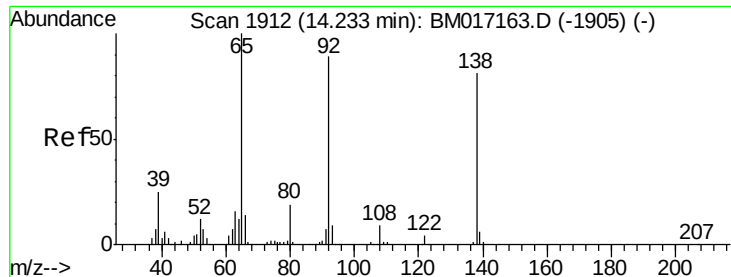
#52
Acenaphthene
Concen: 49.233 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.2	135.2
152	52.1	44.2	66.4



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

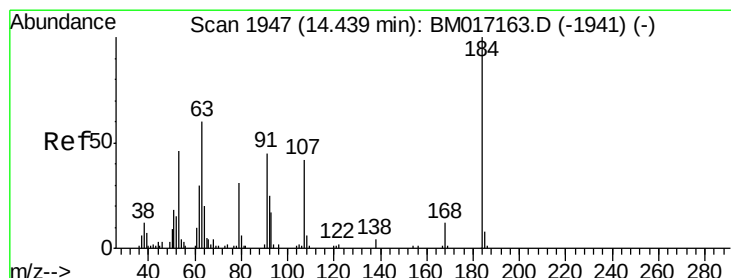
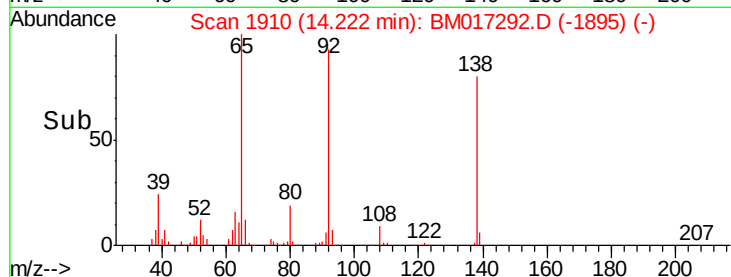
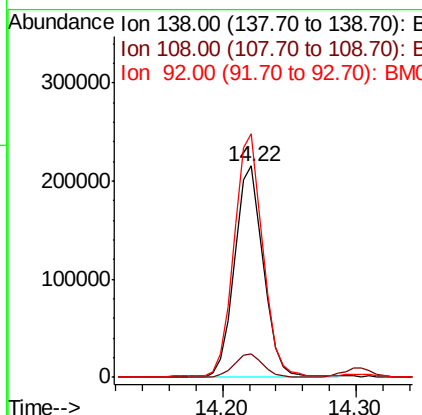
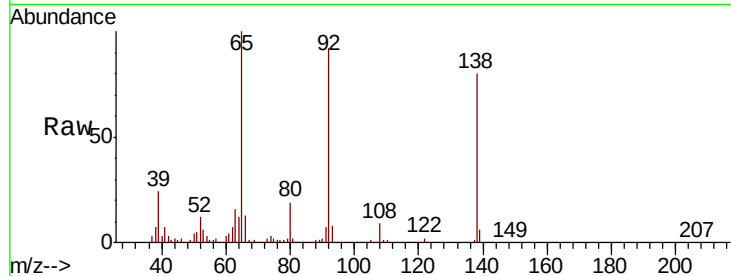




#53
3-Nitroaniline
Concen: 26.220 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

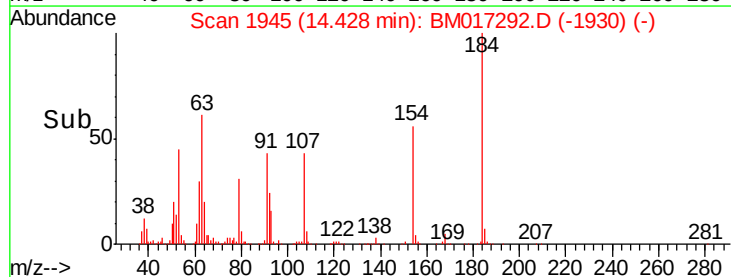
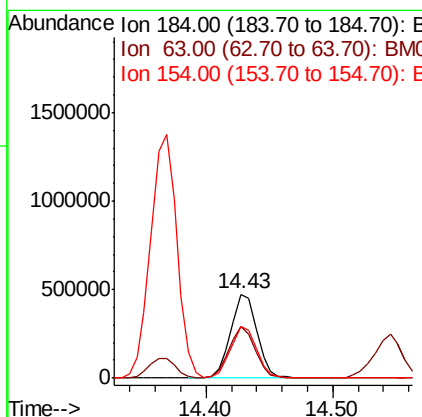
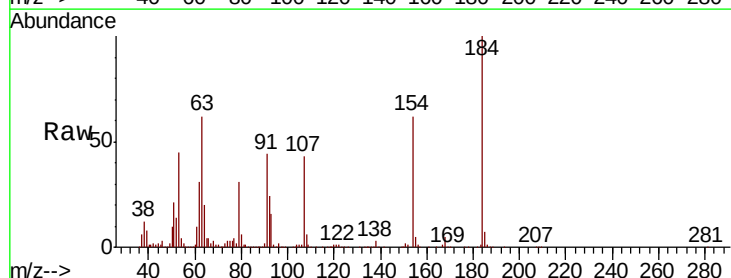
Instrument :
BNA_M
ClientSampleId :

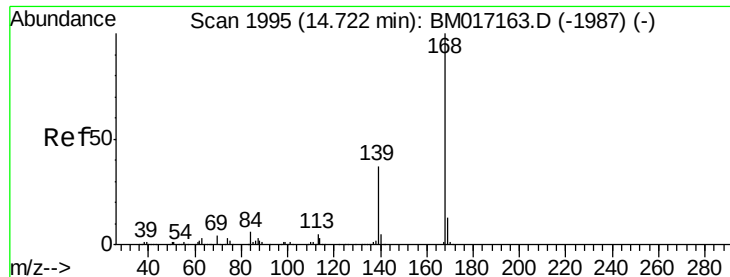
Tot Ion:138 Resp: 324273
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 115.1 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 99.938 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:184 Resp: 684785
Ion Ratio Lower Upper
184 100
63 62.0 51.2 76.8
154 61.8 47.8 71.8

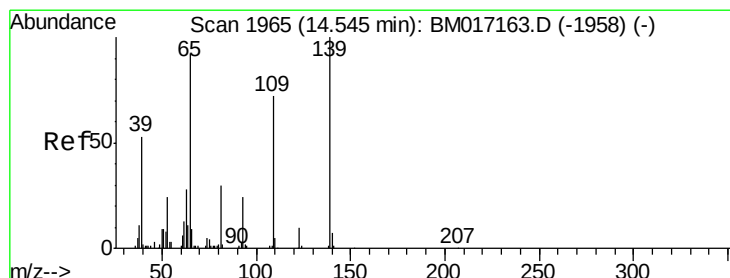
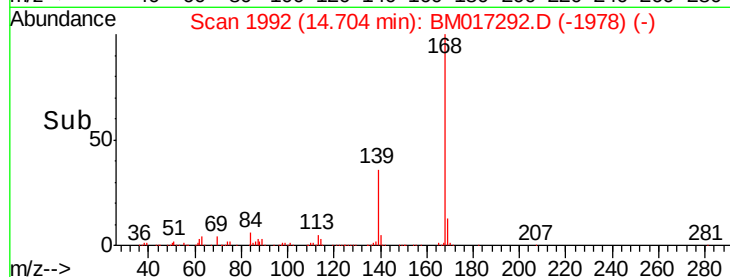
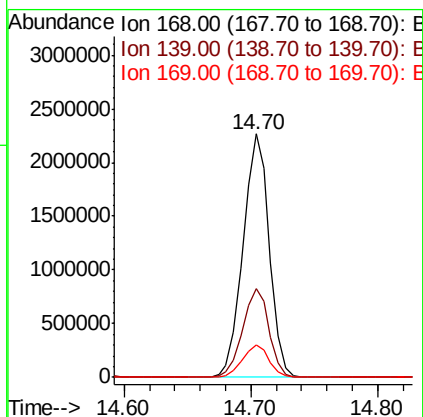
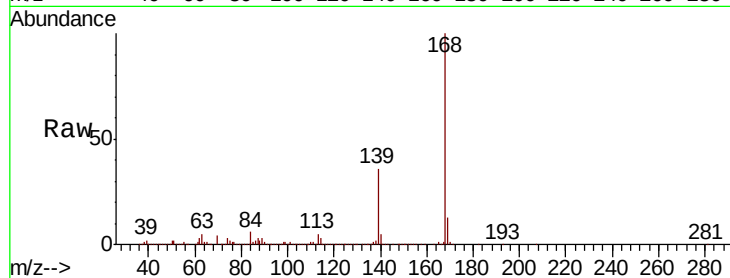




#55
Dibenzenofuran
Concen: 47.923 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

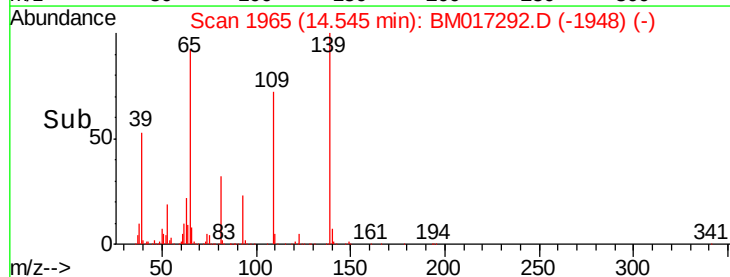
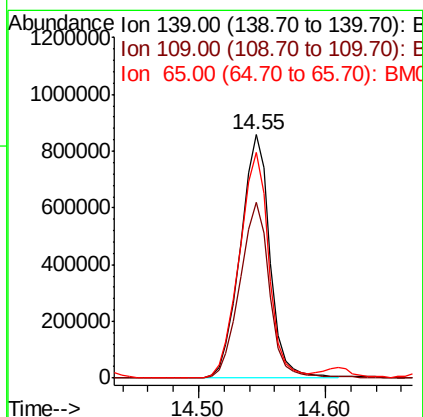
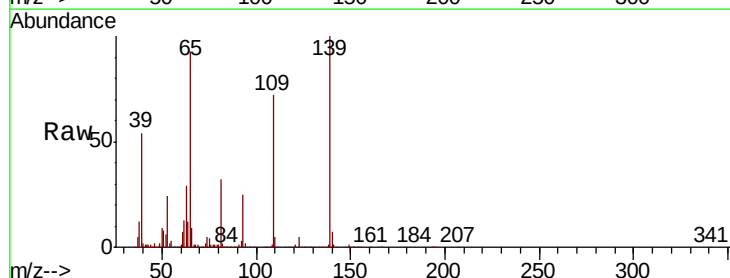
Instrument :
BNA_M
ClientSampleId :

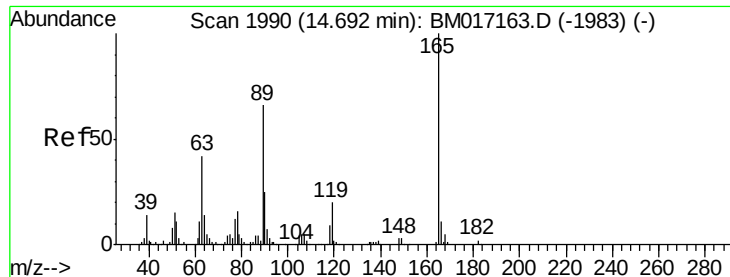
Tot Ion:168 Resp: 3228970
Ion Ratio Lower Upper
168 100
139 36.2 29.3 43.9
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 120.951 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:139 Resp: 1392207
Ion Ratio Lower Upper
139 100
109 72.4 51.8 91.8
65 92.7 72.1 112.1

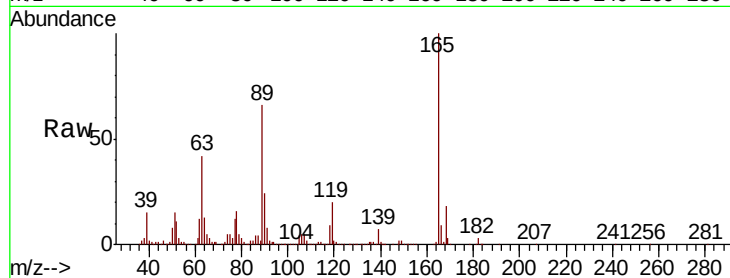




#57
 2,4-Dinitrotoluene
 Concen: 57.534 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	33.8	50.8
89	66.0	53.1	79.7
182	3.1	2.0	3.0#



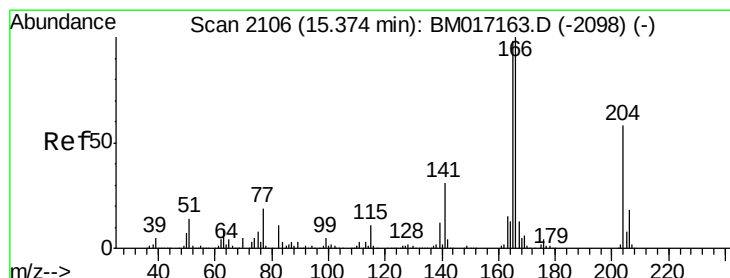
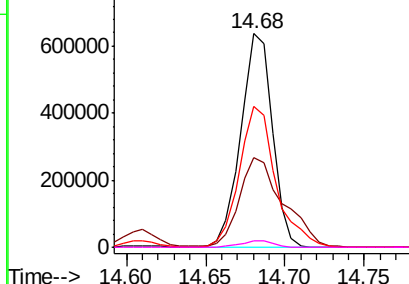
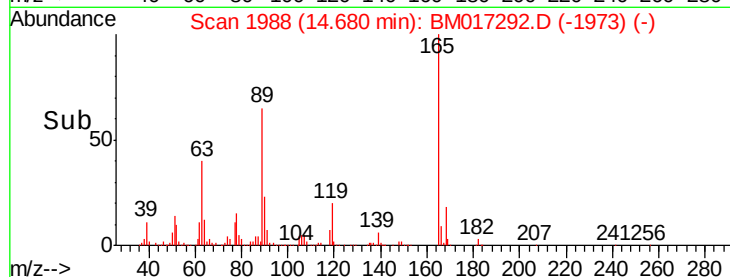
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

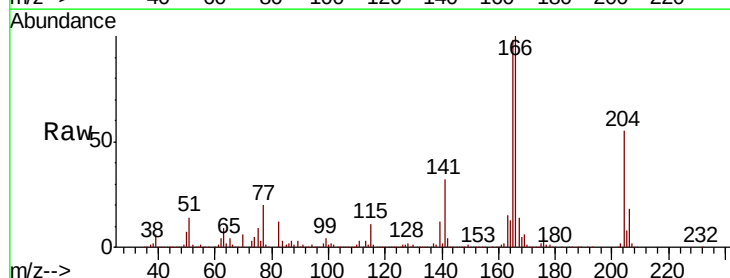
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 52.969 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	13.6	10.6	16.0

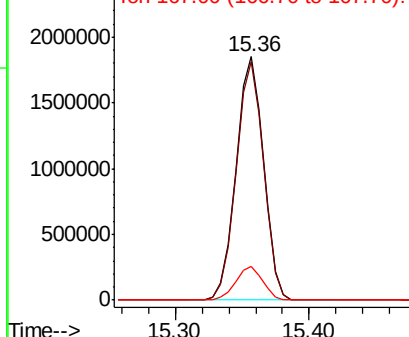
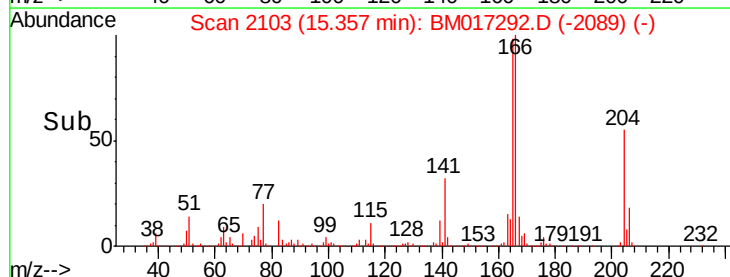


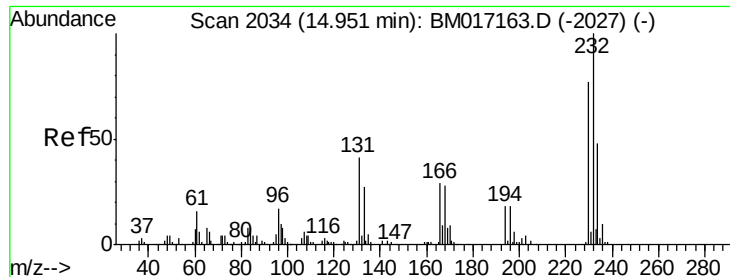
Abundance

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

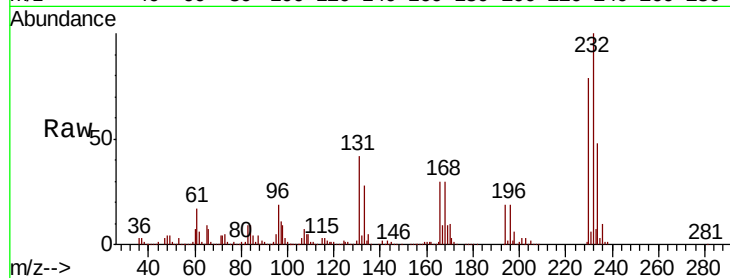




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.201 ng
RT: 14.93 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.1	49.7
130	2.2	1.7	2.5
166	30.2	24.4	36.6



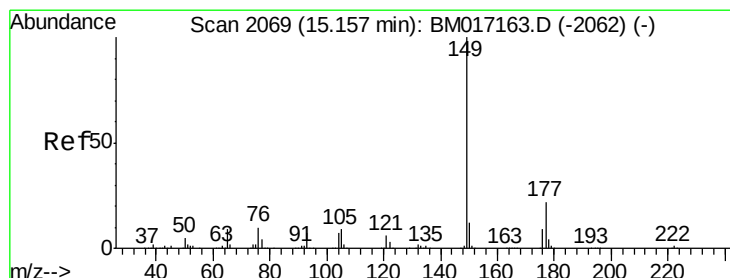
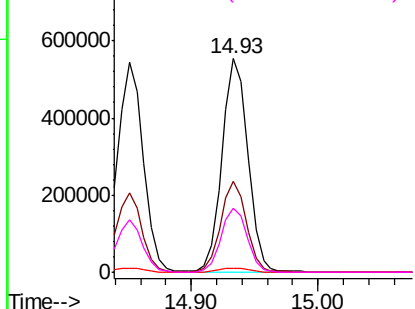
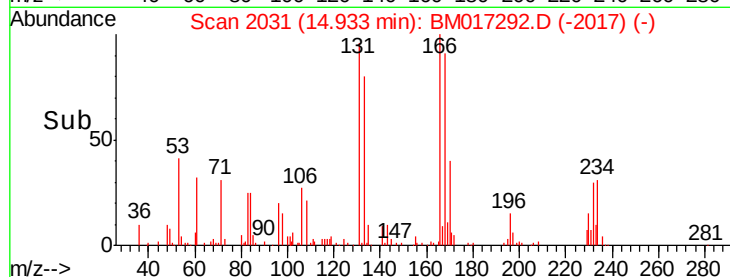
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

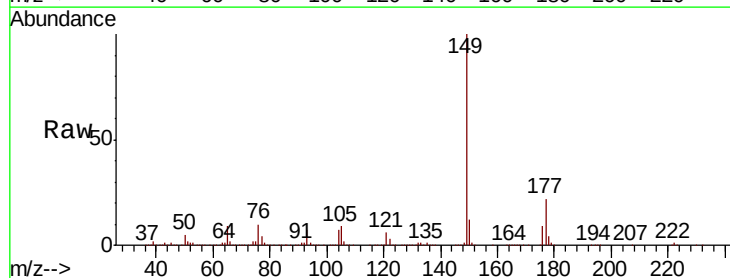
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 56.219 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.5	10.0	15.0

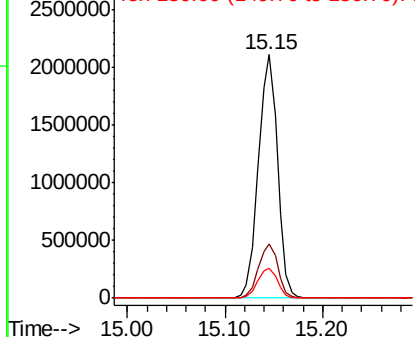
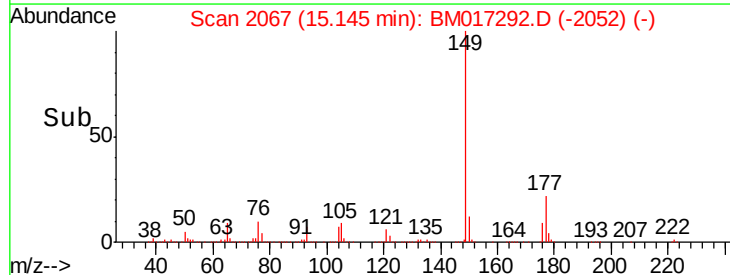


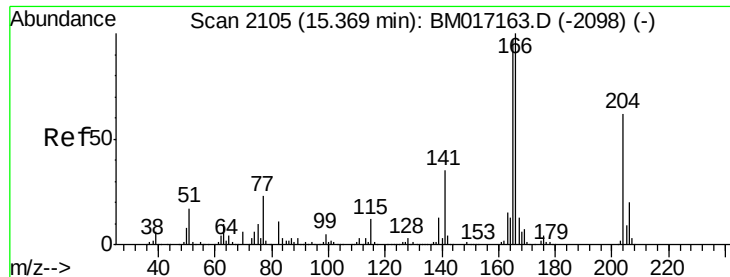
Abundance

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

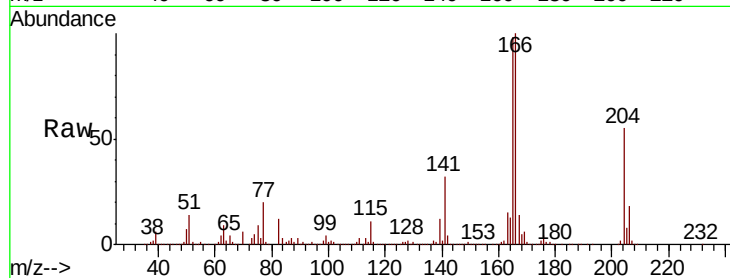




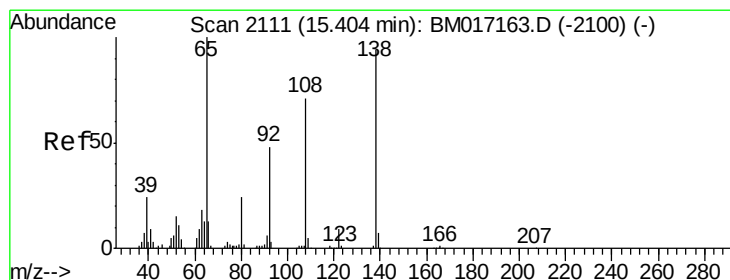
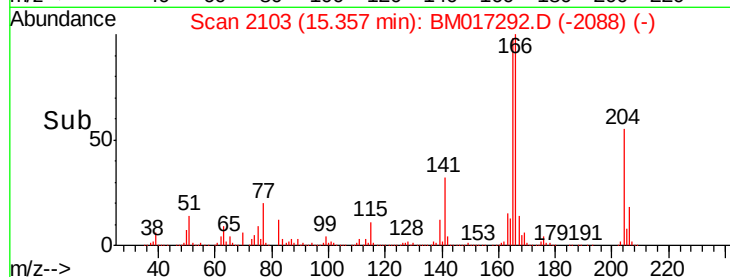
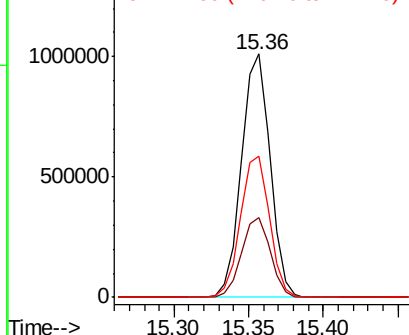
#61
4-Chlorophenyl-phenylether
Concen: 47.263 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1343769
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 57.9 45.4 68.2

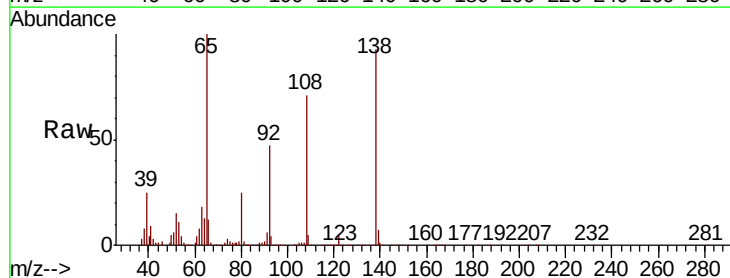


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

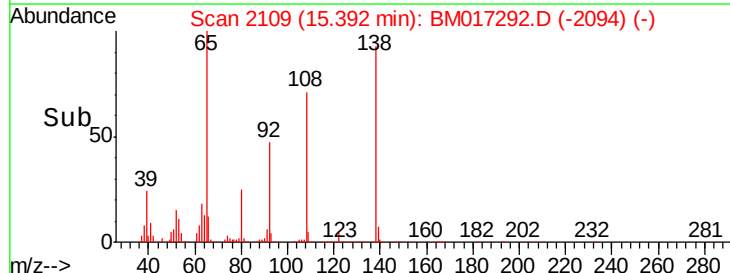
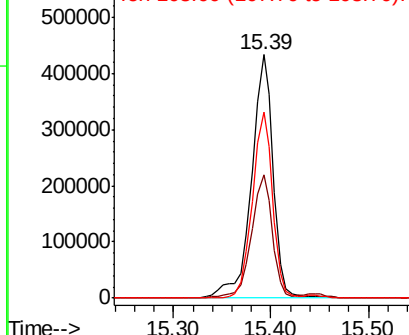


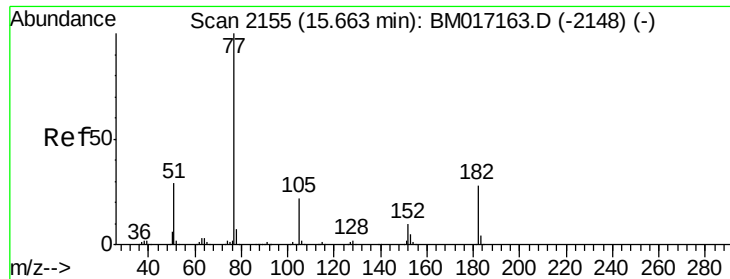
#62
4-Nitroaniline
Concen: 49.021 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:138 Resp: 678121
Ion Ratio Lower Upper
138 100
92 50.6 31.2 71.2
108 76.6 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 50.954 ng

RT: 15.65 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2548228

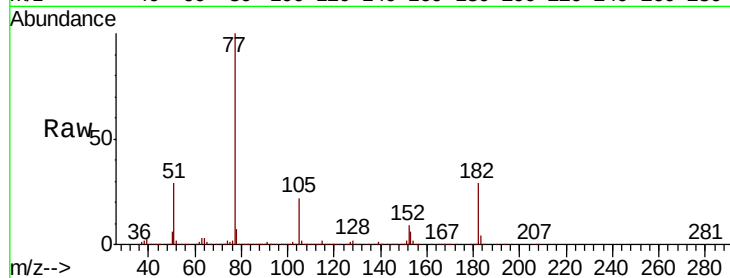
Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.3	48.3
105	21.7	1.5	41.5
51	28.9	8.8	48.8

77 100

182 28.8 8.3 48.3

105 21.7 1.5 41.5

51 28.9 8.8 48.8



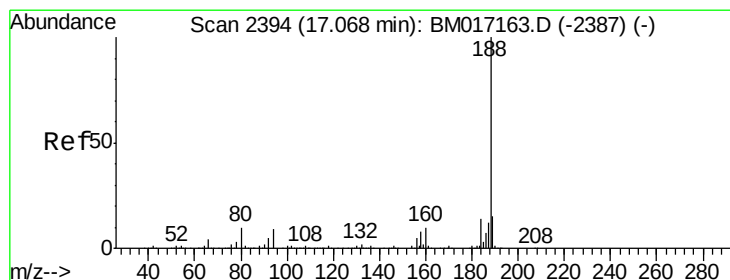
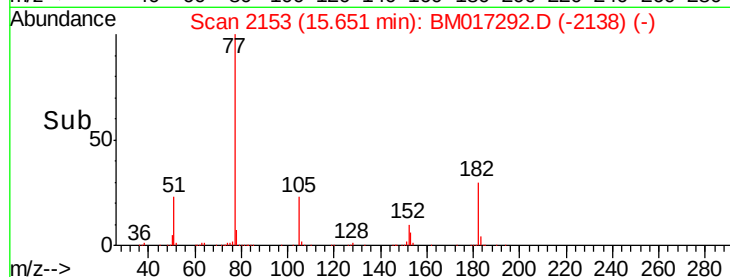
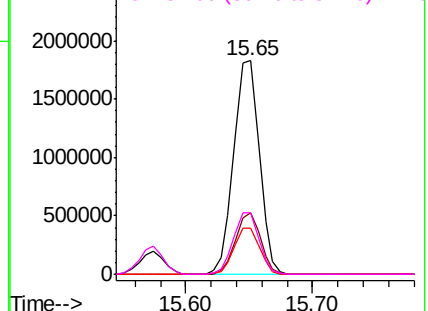
Abundance

Ion 77.00 (76.70 to 77.70): BM017292.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017292.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM017292.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017292.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

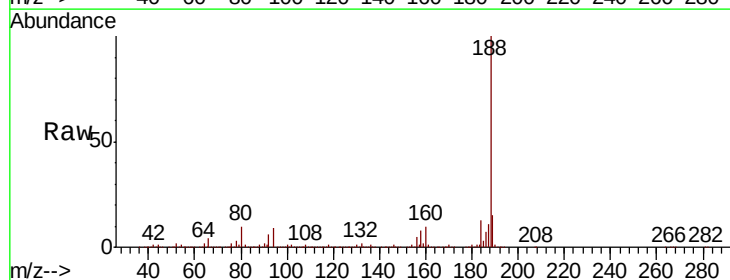
Tgt Ion: 188 Resp: 1585858

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.0	7.7	11.5

188 100

94 9.0 7.0 10.4

80 10.0 7.7 11.5

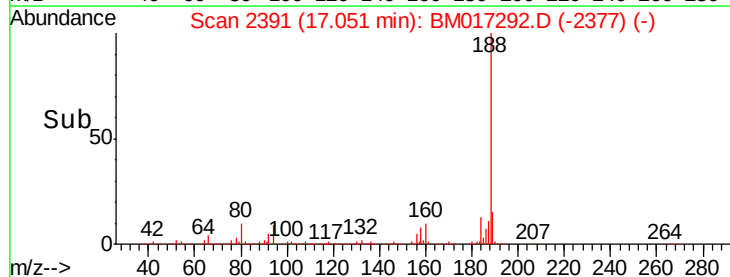
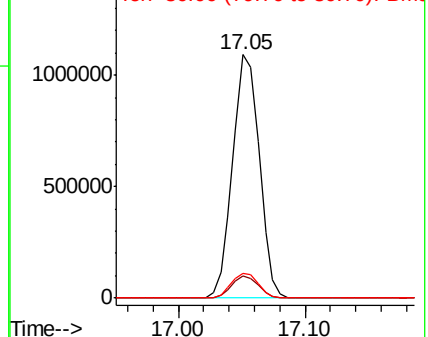


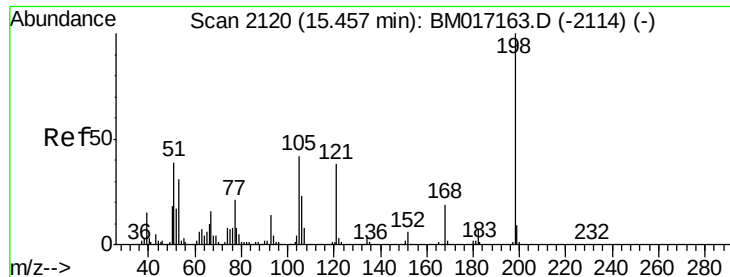
Abundance

Ion 188.00 (187.70 to 188.70): BM017292.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017292.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017292.D (-2377) (-)

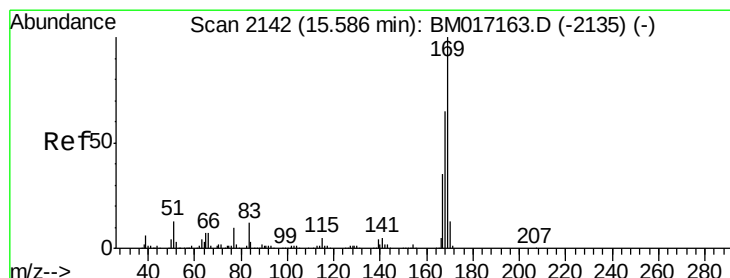
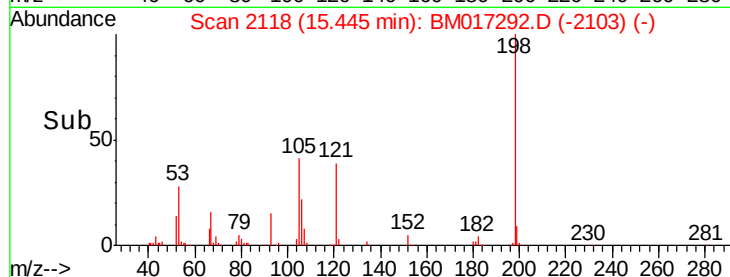
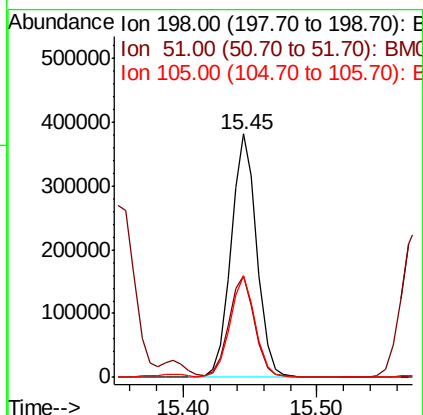
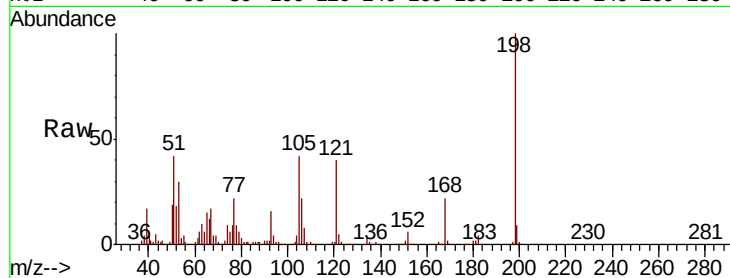




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.918 ng
 RT: 15.45 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

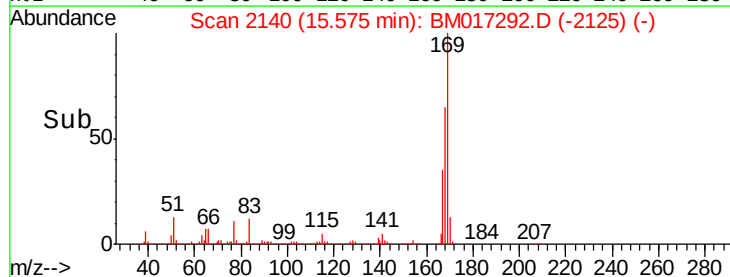
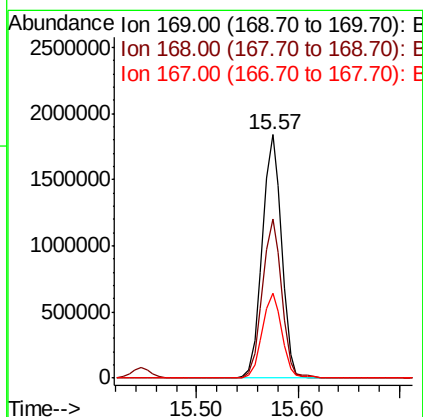
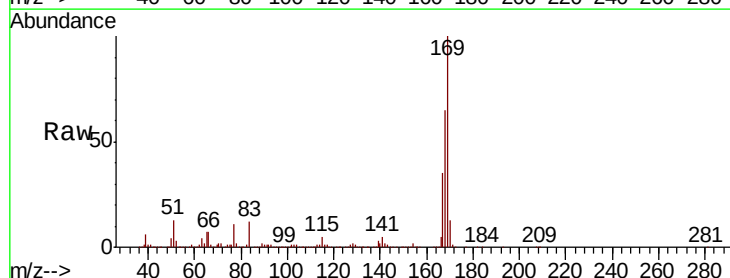
Instrument :
 BNA_M
 ClientSampleId :

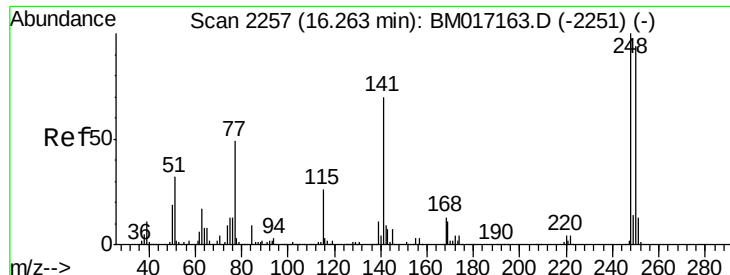
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.7	20.3	60.3
105	41.6	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 50.603 ng
 RT: 15.57 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.2	78.4
167	34.8	28.4	42.6

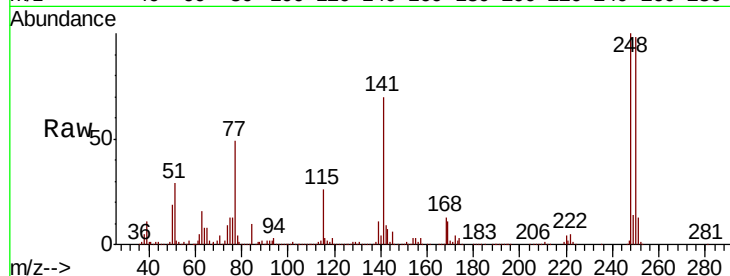




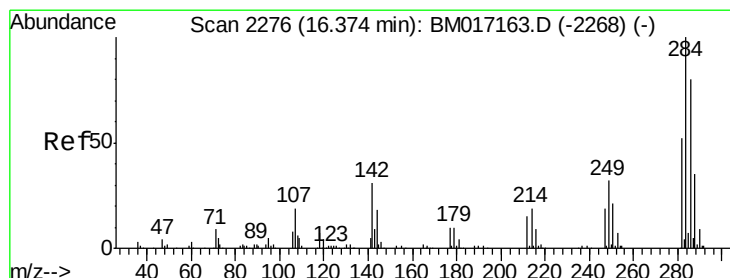
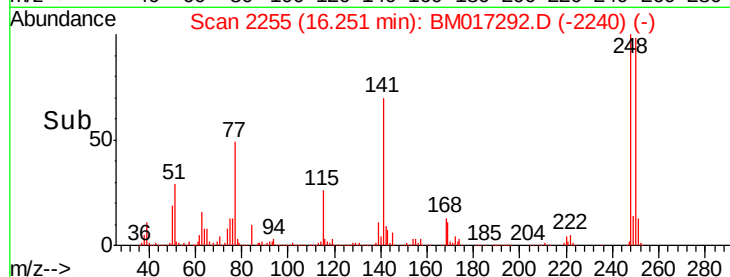
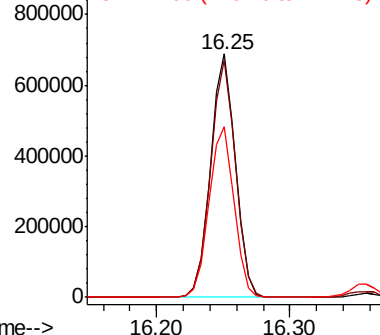
#67
4-Bromophenyl-phenylether
Concen: 50.895 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 886224
Ion Ratio Lower Upper
248 100
250 97.6 75.1 112.7
141 70.1 55.6 83.4

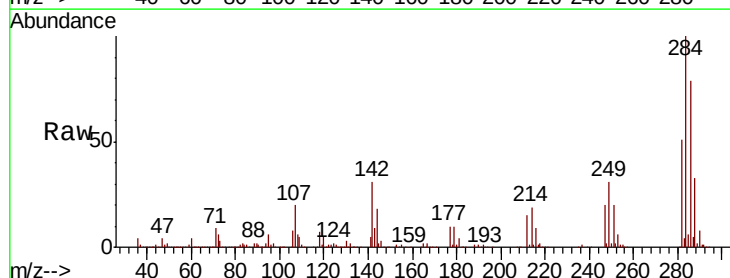


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

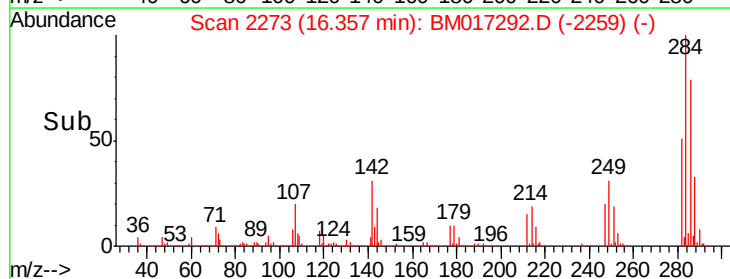
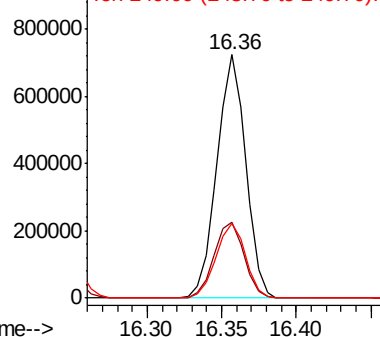


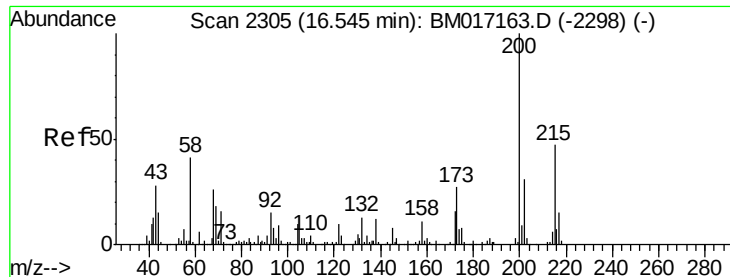
#68
Hexachlorobenzene
Concen: 47.719 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:284 Resp: 965206
Ion Ratio Lower Upper
284 100
142 31.1 25.0 37.6
249 30.9 25.5 38.3



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: 54.060 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampled :

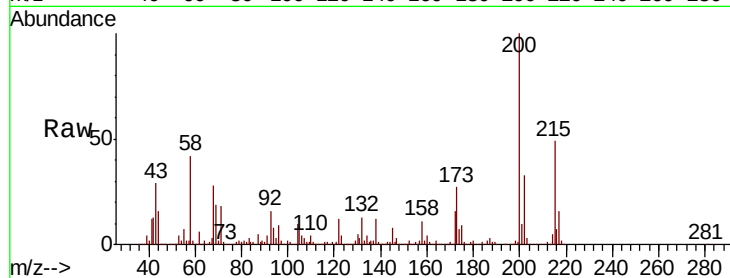
Tot Ion:200 Resp: 928337

Ion Ratio Lower Upper

200 100

173 27.2 7.0 47.0

215 49.0 27.3 67.3

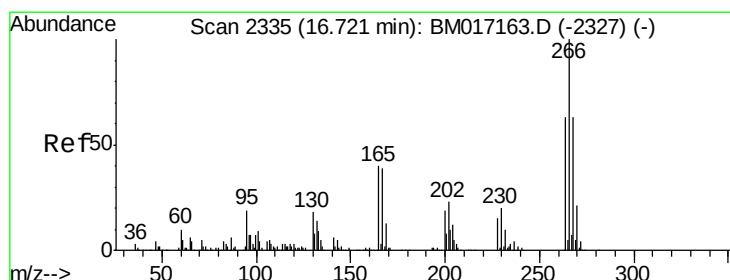
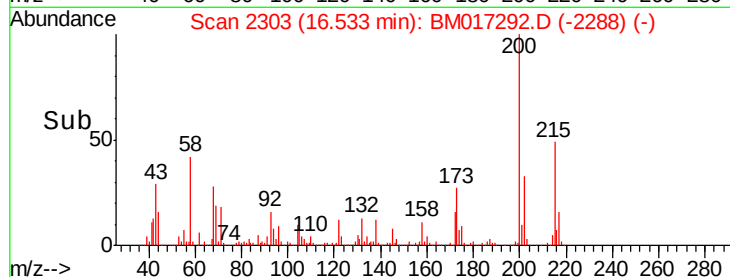
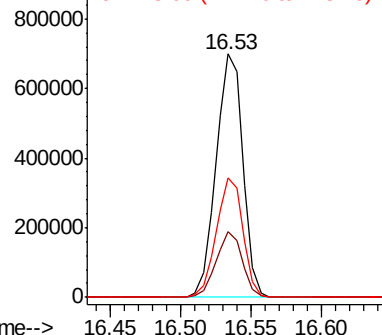


Abundance

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: 89.766 ng

RT: 16.70 min Scan# 2332

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

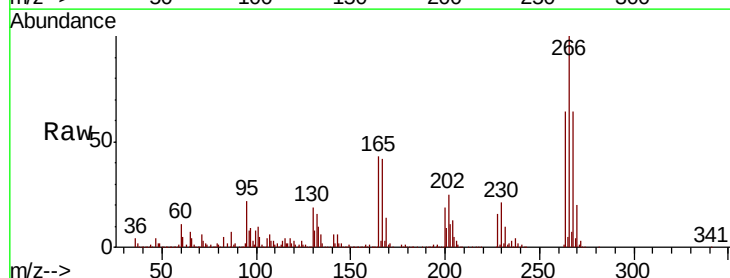
Tgt Ion:266 Resp: 1243793

Ion Ratio Lower Upper

266 100

268 63.8 50.7 76.1

264 63.8 50.4 75.6

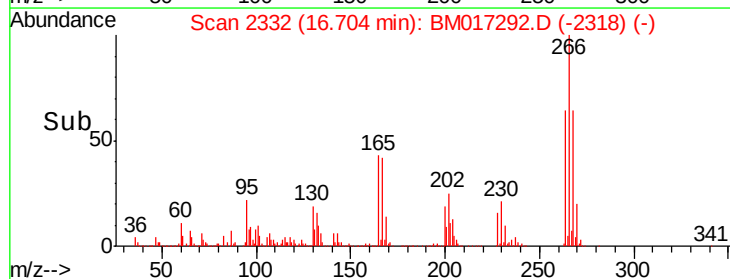
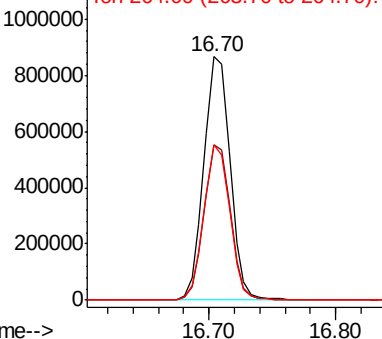


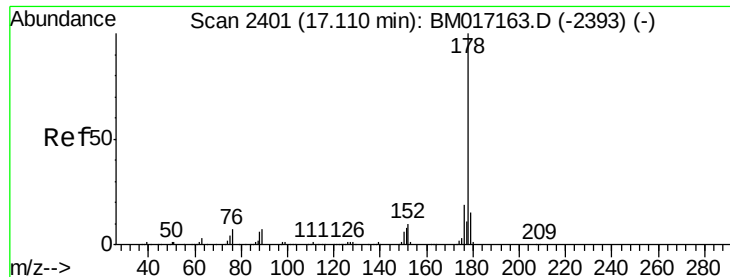
Abundance

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

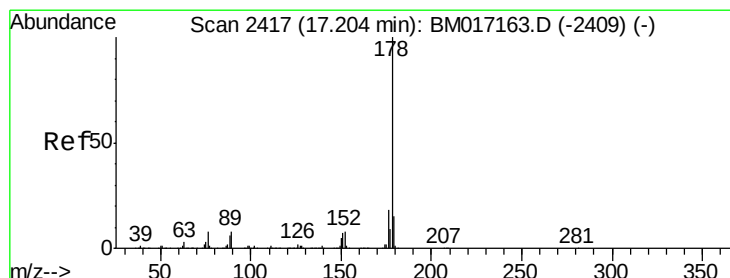
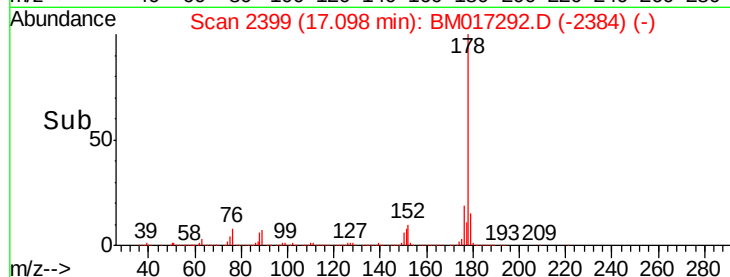
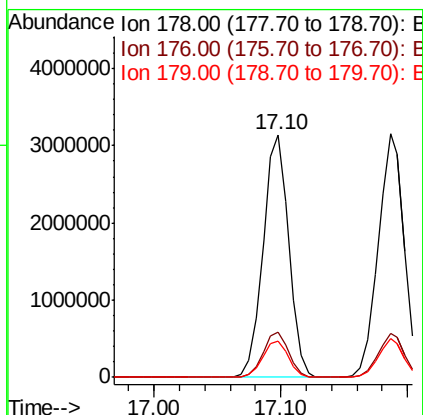
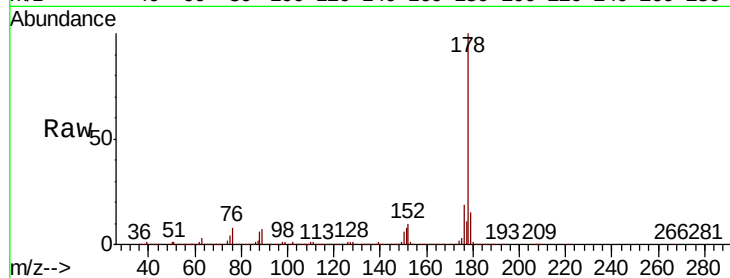




#71
Phenanthrene
Concen: 51.297 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

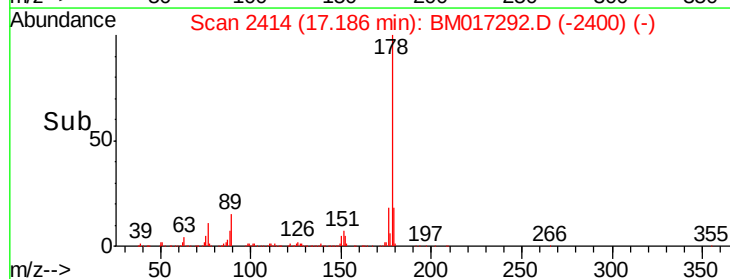
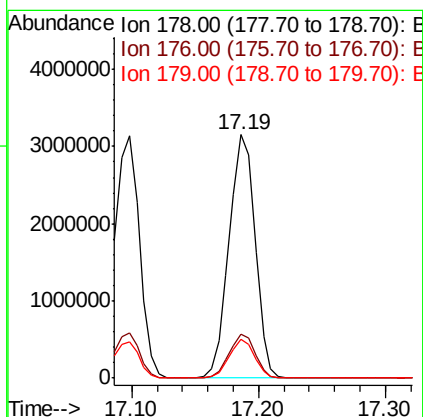
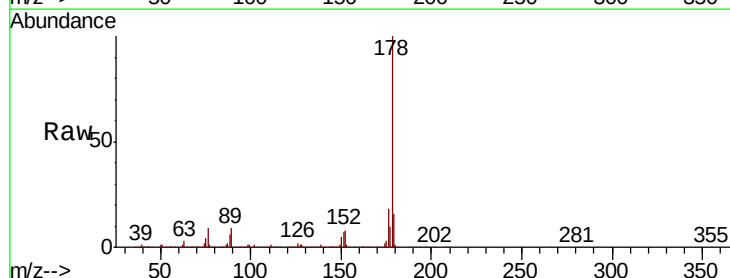
Instrument :
BNA_M
ClientSampleId :

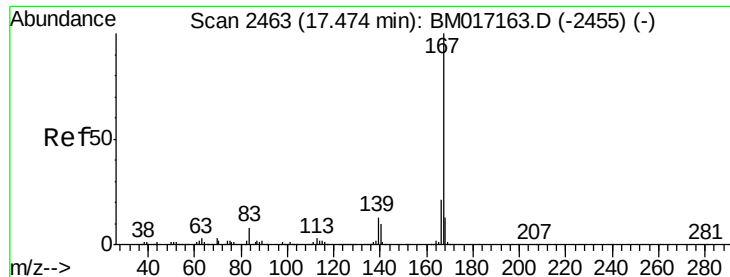
Tot Ion:178 Resp: 4389047
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.1 12.3 18.5



#72
Anthracene
Concen: 55.133 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:178 Resp: 4482301
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.8 12.2 18.2



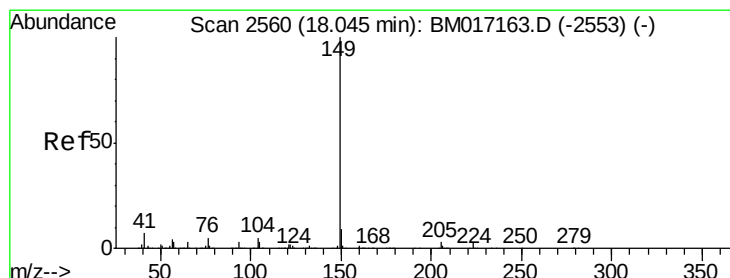
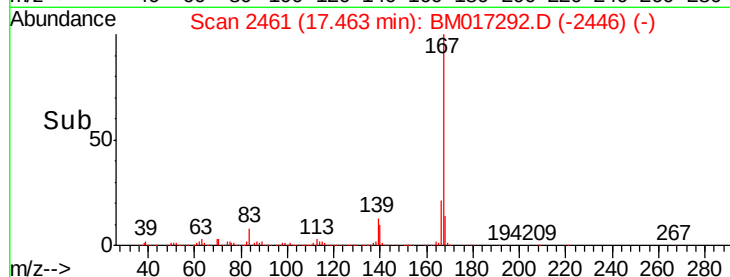
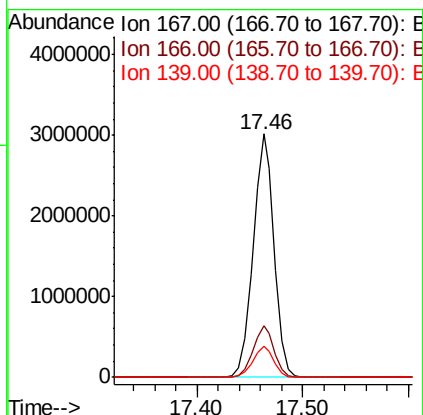
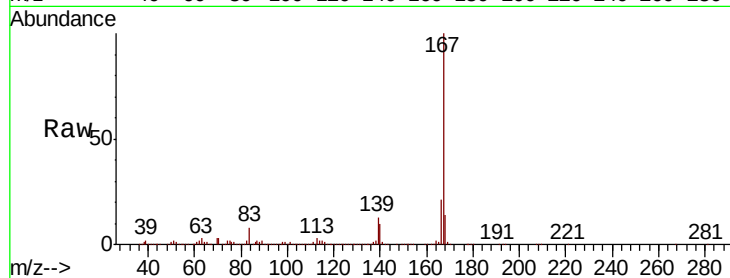


#73
 Carbazole
 Concen: 50.063 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 4157613

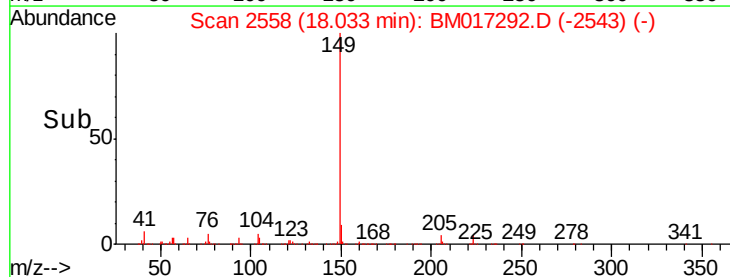
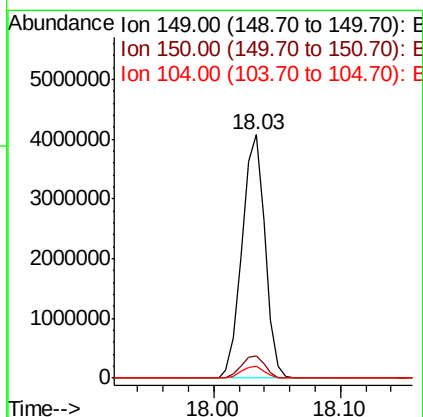
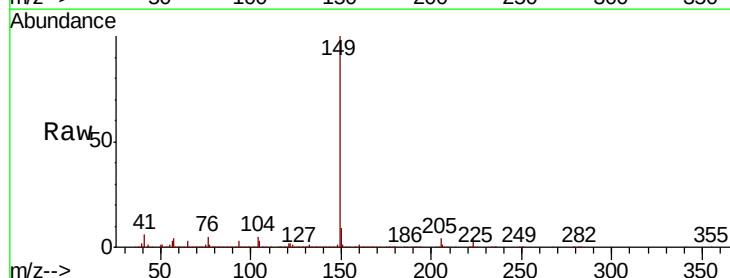
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.7	10.1	15.1

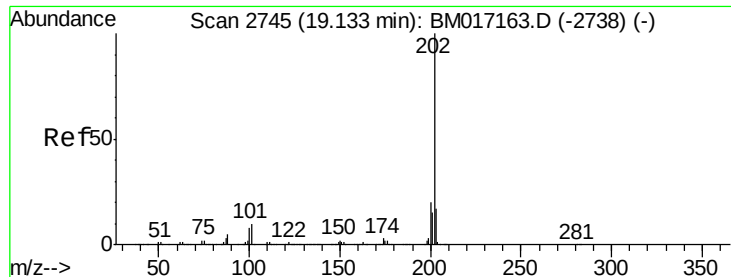


#74
 Di-n-butylphthalate
 Concen: 57.989 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion:149 Resp: 5079366

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.8	4.3	6.5





#75

Fluoranthene

Concen: 54.767 ng

RT: 19.12 min Scan# 2742

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

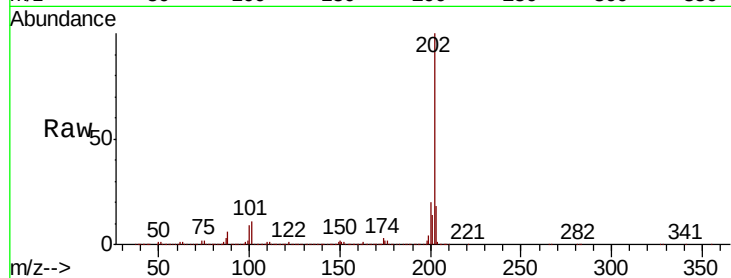
Instrument :

BNA_M

ClientSampled :

Tot Ion:202 Resp: 5272960

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.0
203	17.6	0.0	37.2

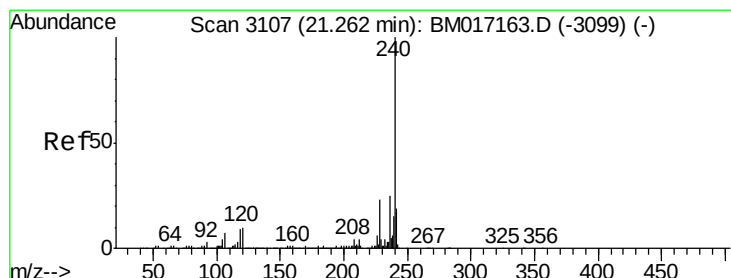
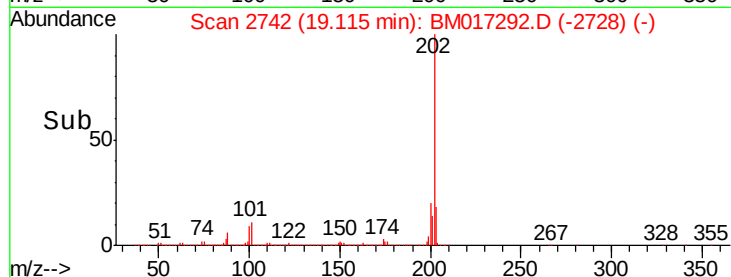
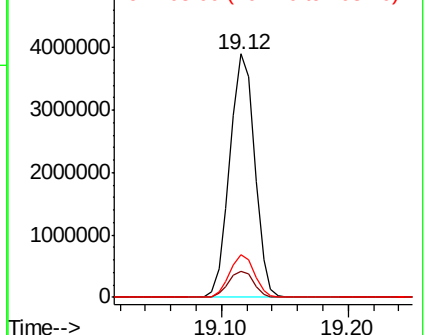


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

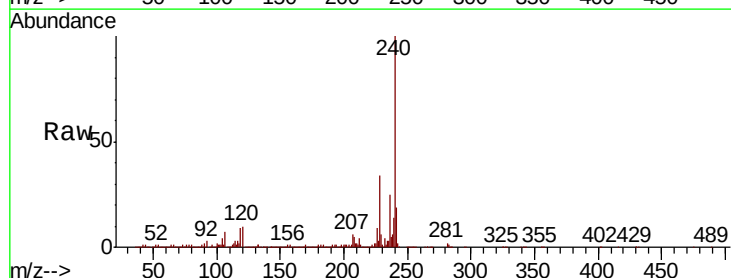
Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:240 Resp: 1780716

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	24.8	19.9	29.9

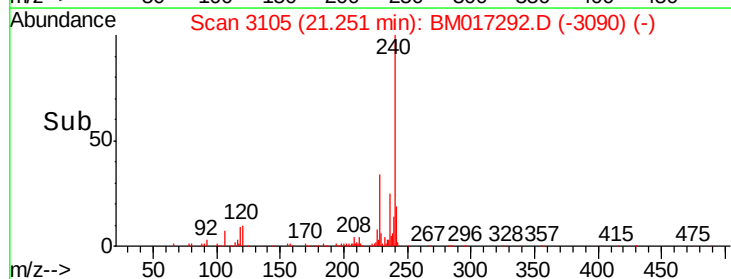
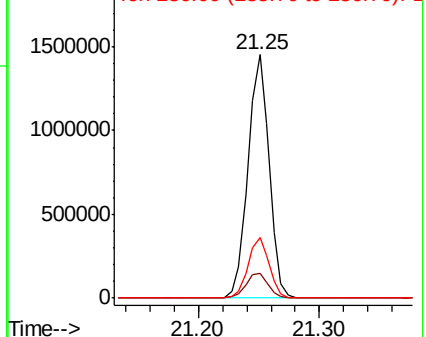


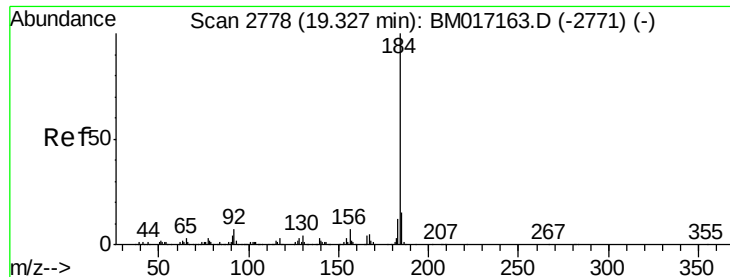
Abundance

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: 27.041 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampled :

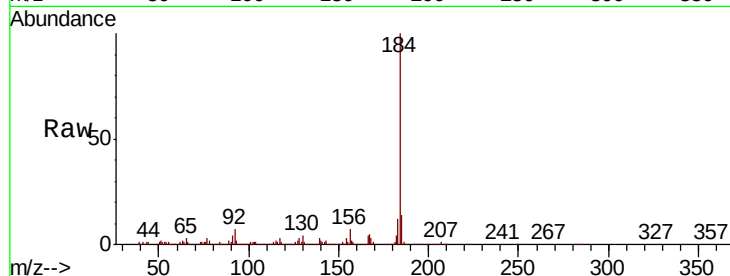
Tot Ion:184 Resp: 1220996

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.8	17.8
183	11.9	9.7	14.5

184 100

185 13.7 11.8 17.8

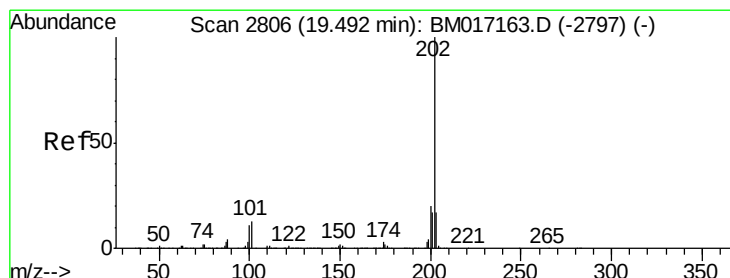
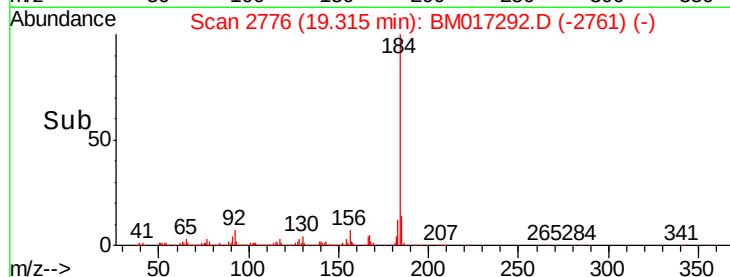
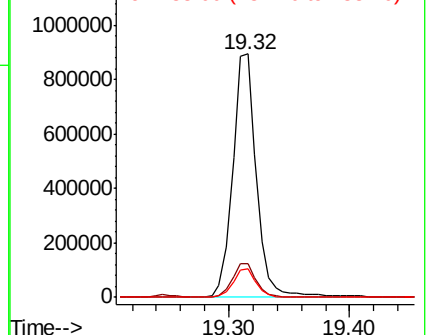
183 11.9 9.7 14.5



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: 53.912 ng

RT: 19.48 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

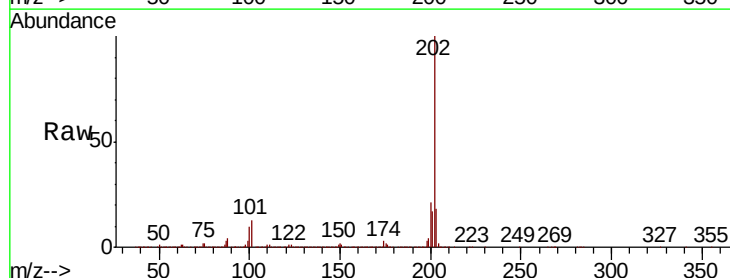
Tgt Ion:202 Resp: 5365613

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.6	13.9	20.9

202 100

200 20.6 16.3 24.5

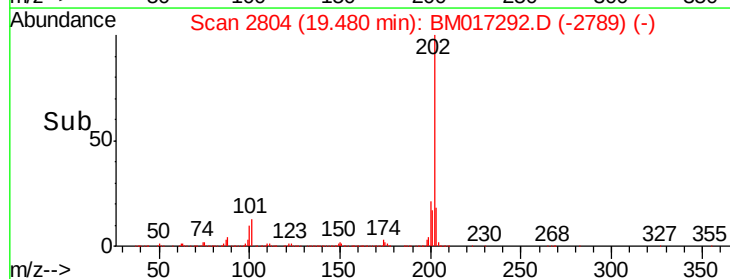
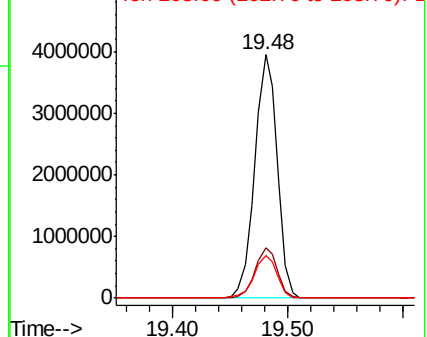
203 17.6 13.9 20.9

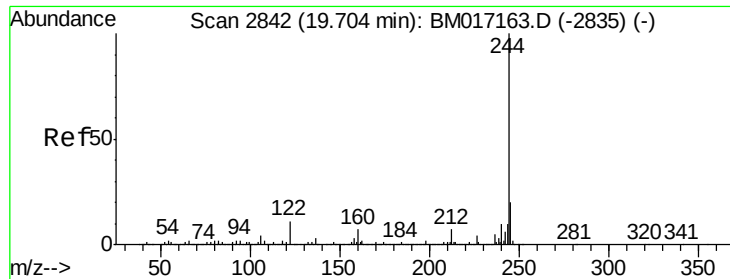


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.684 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

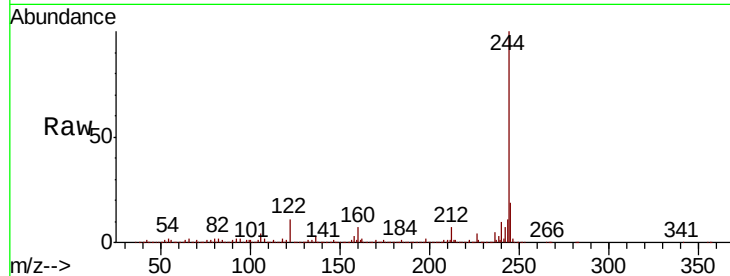
Tot Ion:244 Resp: 6611234

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

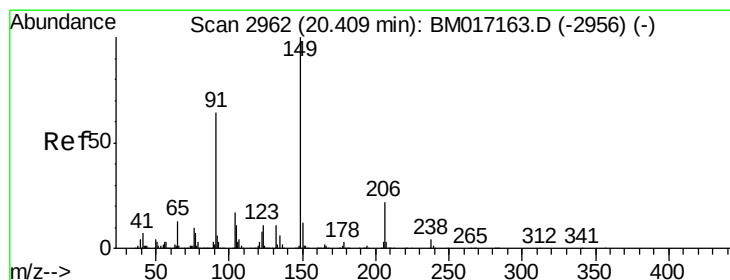
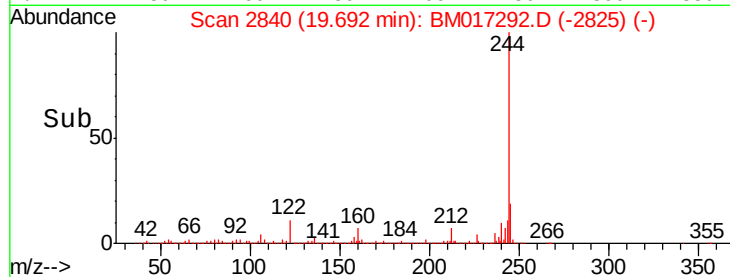
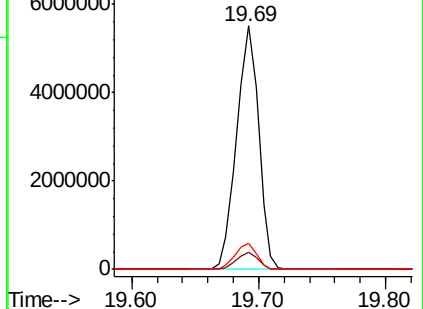
122 10.6 8.4 12.6



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: 62.292 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

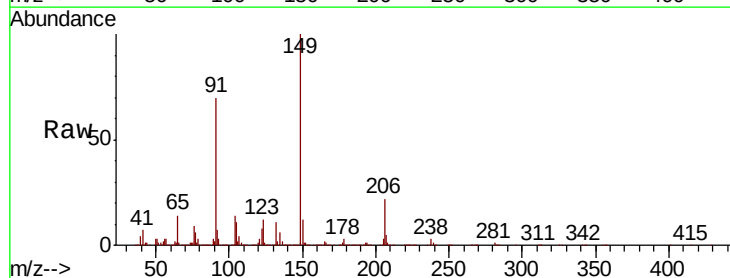
Tgt Ion:149 Resp: 2454267

Ion Ratio Lower Upper

149 100

91 69.7 51.3 76.9

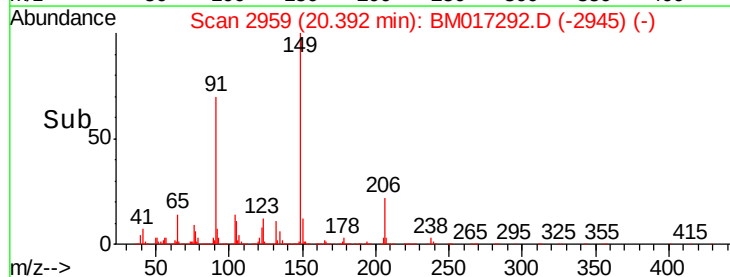
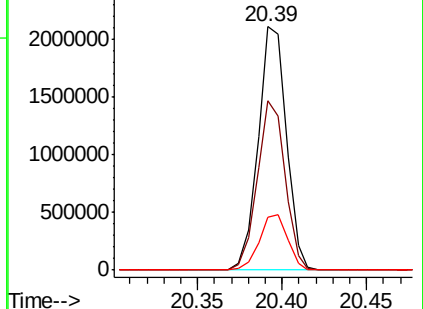
206 21.7 18.0 27.0

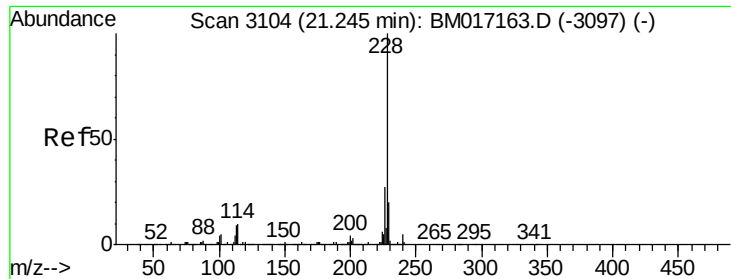


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.891 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

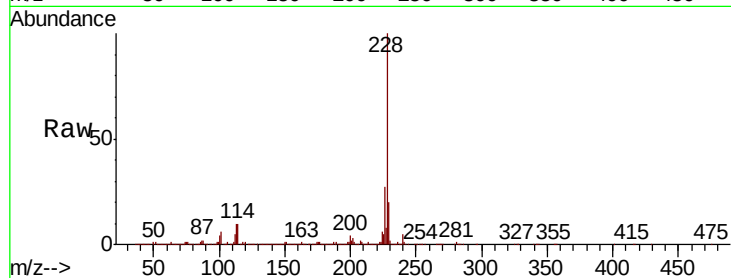
Tot Ion:228 Resp: 5400318

Ion Ratio Lower Upper

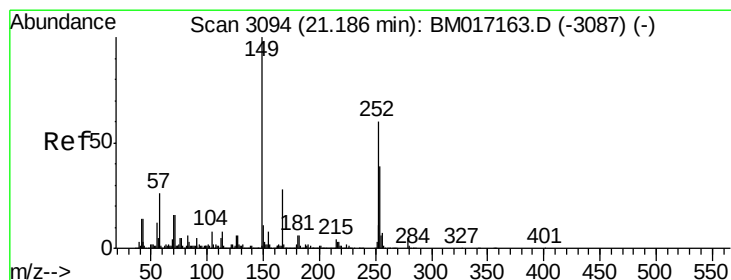
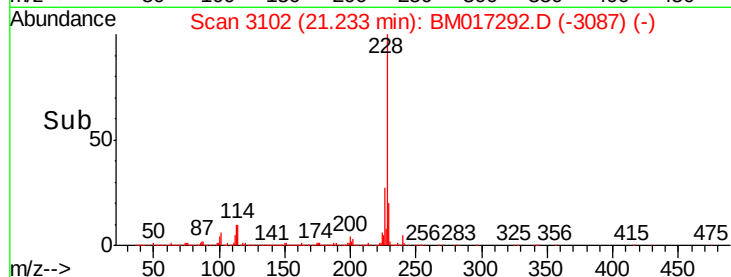
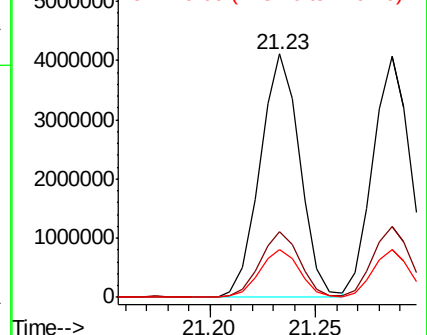
228 100

226 27.0 21.4 32.0

229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.431 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

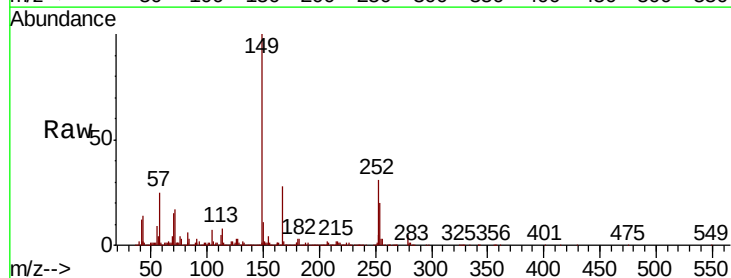
Tgt Ion:252 Resp: 1211215

Ion Ratio Lower Upper

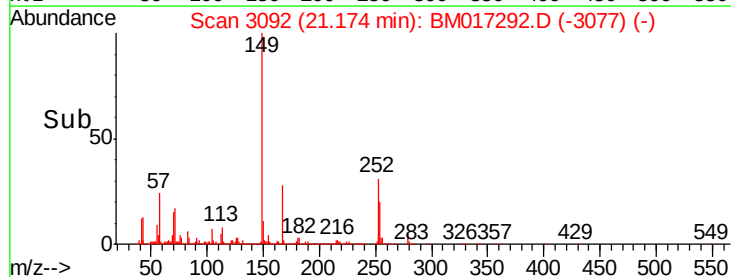
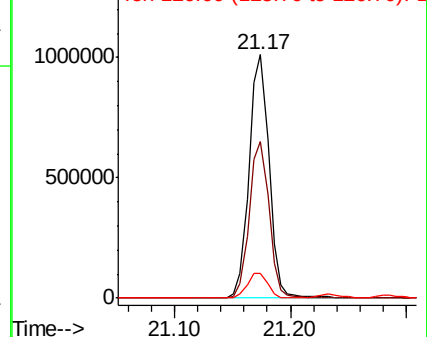
252 100

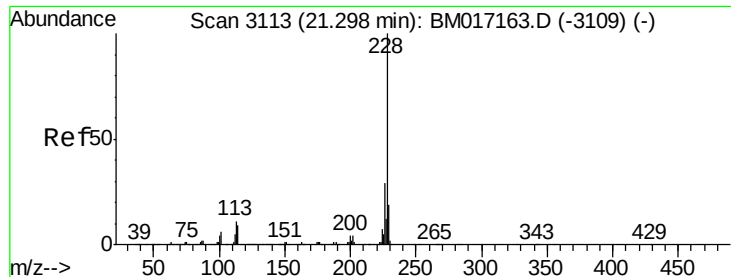
254 64.4 52.1 78.1

126 10.4 8.6 12.8



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: 50.764 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampled :

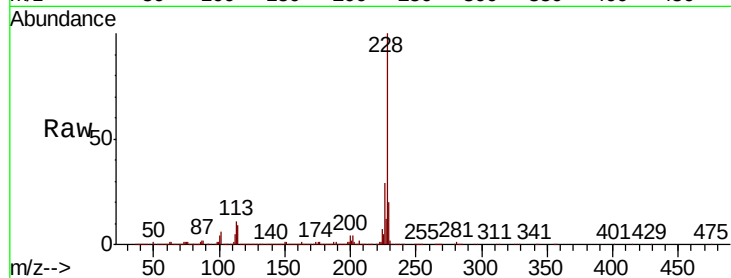
Tot Ion:228 Resp: 5035044

Ion Ratio Lower Upper

228 100

226 29.3 23.3 34.9

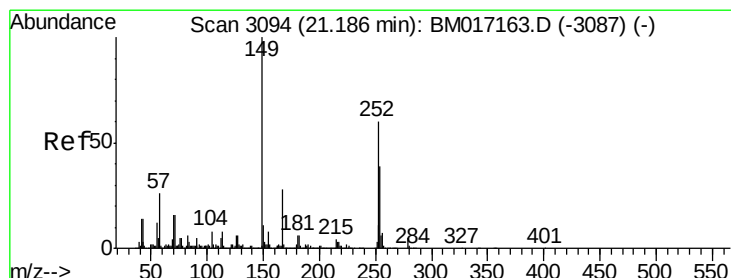
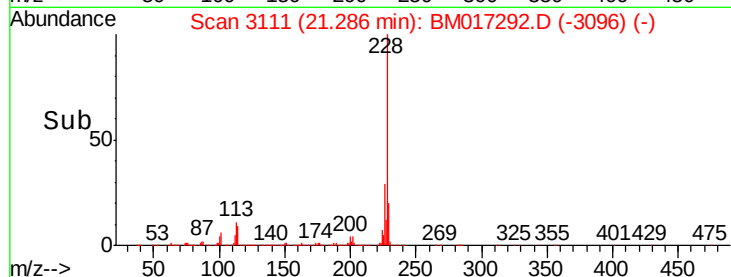
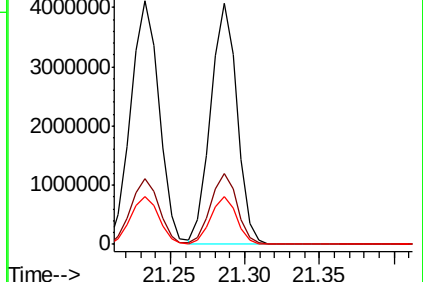
229 19.8 15.6 23.4



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: 60.093 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

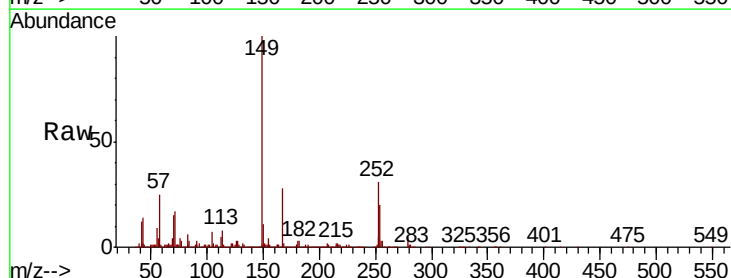
Tgt Ion:149 Resp: 3569234

Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

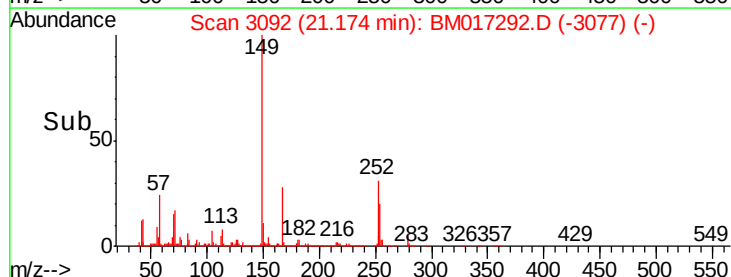
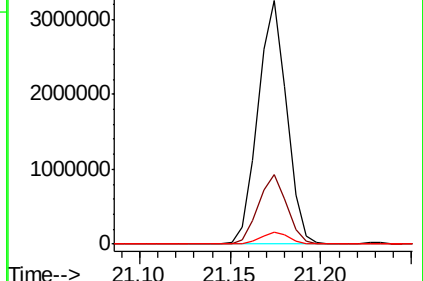
279 4.7 3.6 5.4

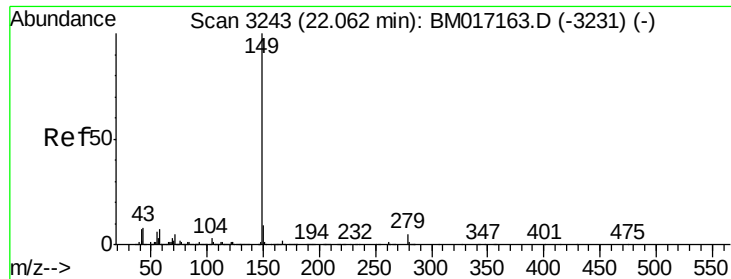


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 59.644 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

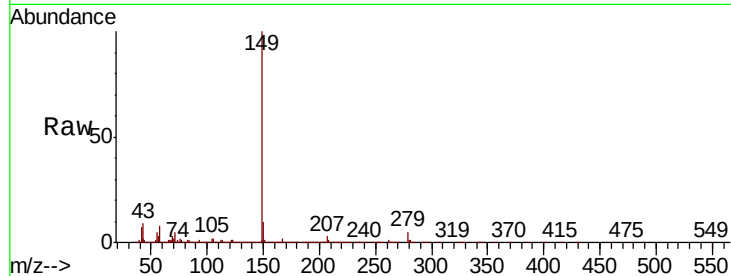
Tot Ion:149 Resp: 6005081

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

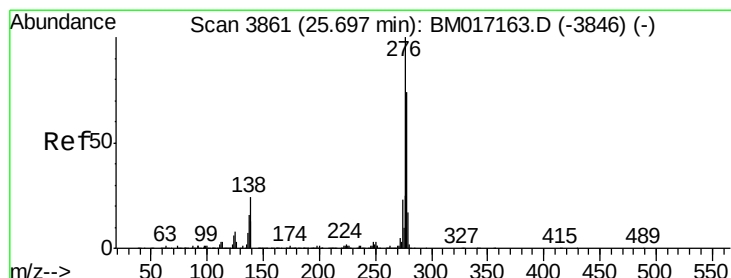
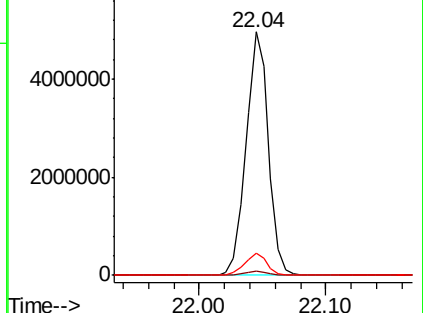
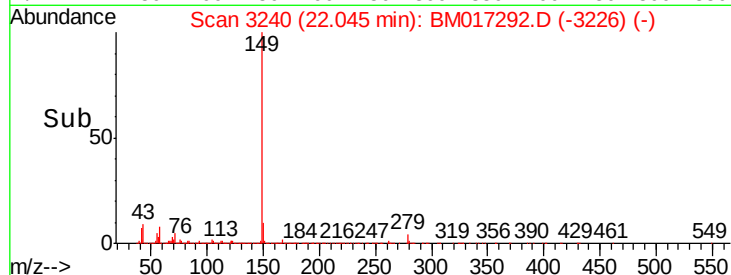
43 8.7 7.2 10.8



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: 41.886 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

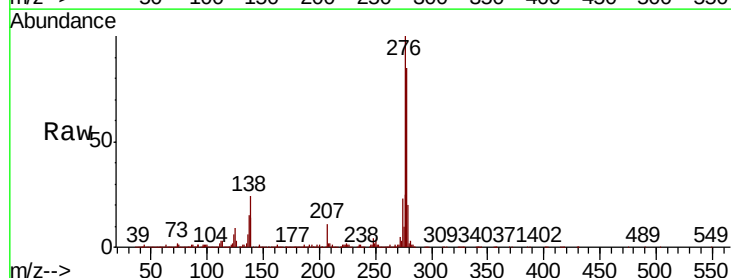
Tgt Ion:276 Resp: 4646799

Ion Ratio Lower Upper

276 100

138 23.4 19.5 29.3

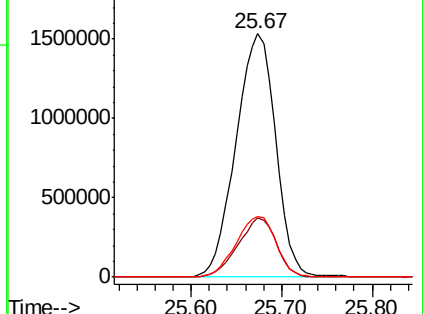
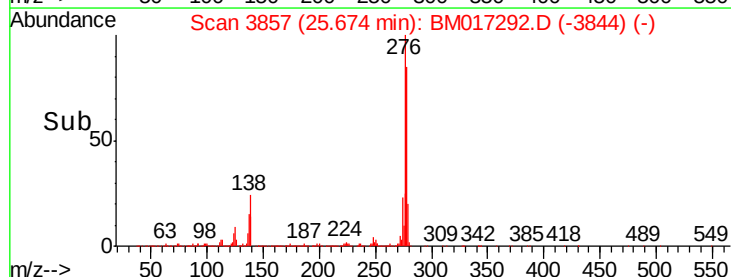
277 25.2 20.1 30.1

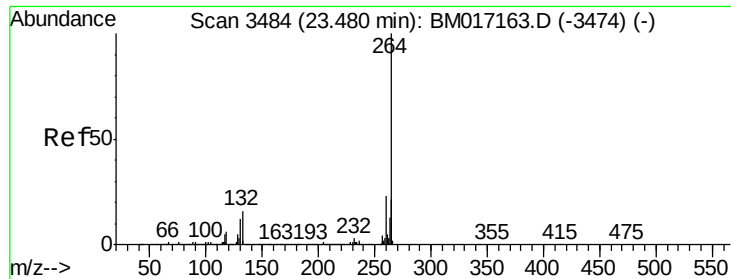


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



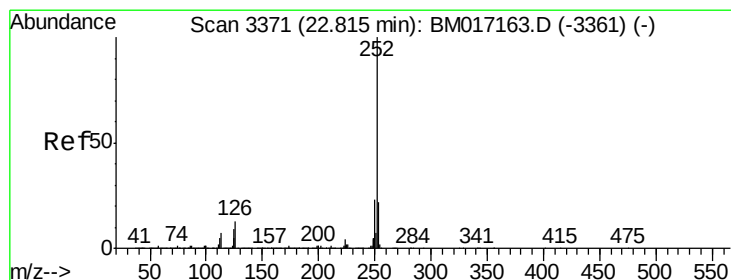
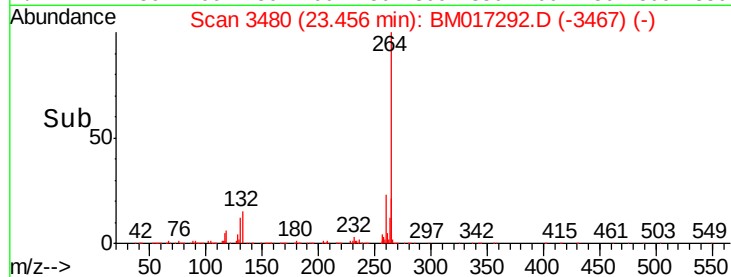
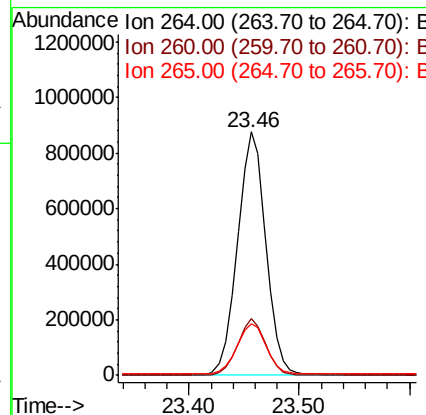
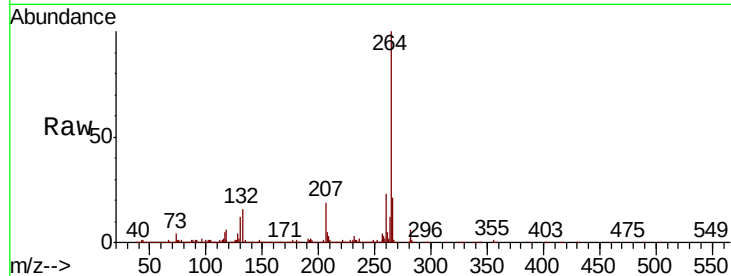


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampled :

Tot Ion:264 Resp: 1583849

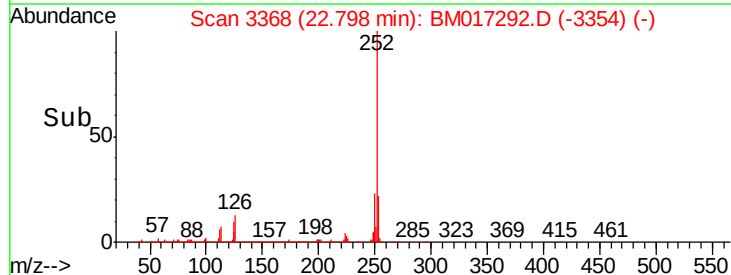
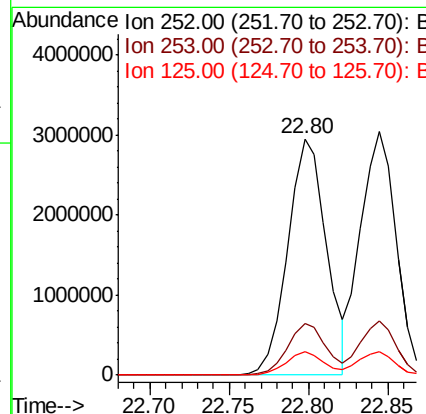
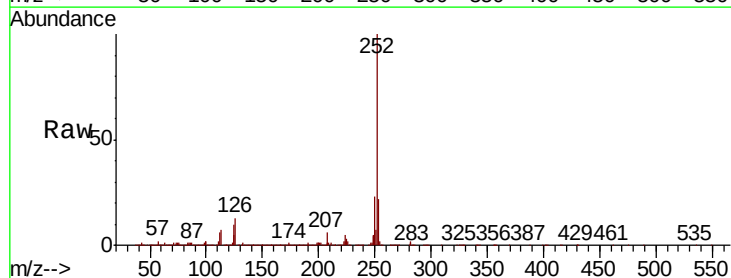
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.4	17.8	26.8

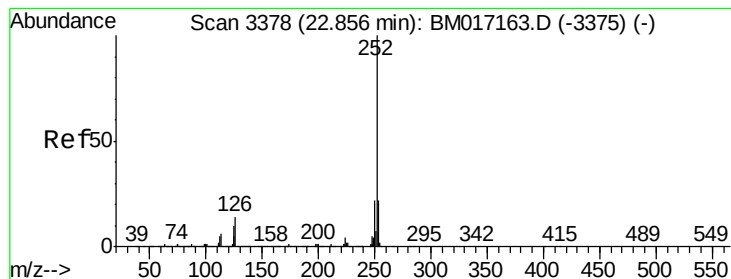


#88
Benzo(b)fluoranthene
Concen: 57.626 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:252 Resp: 4990103

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.8	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 54.414 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

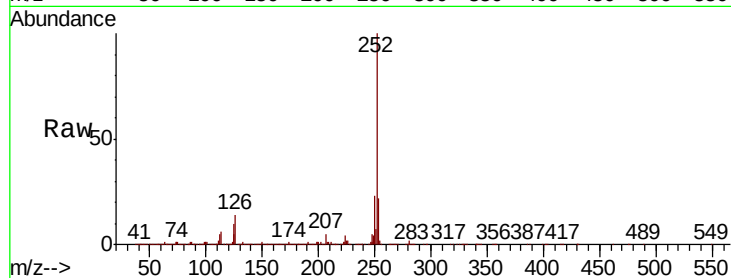
Tot Ion:252 Resp: 4728142

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.8 8.2 12.2

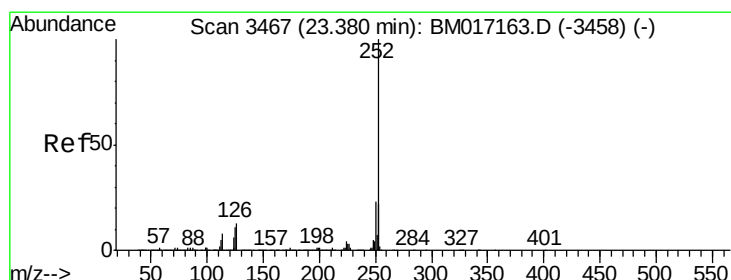
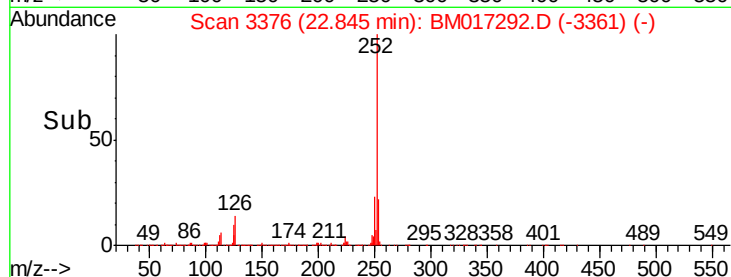
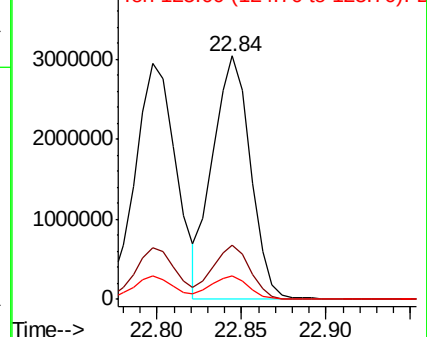


Abundance

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



#90

Benzo(a)pyrene

Concen: 54.850 ng

RT: 23.36 min Scan# 3464

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

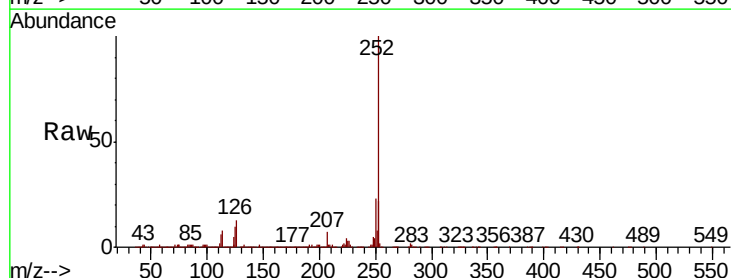
Tgt Ion:252 Resp: 4509759

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.3 8.6 13.0

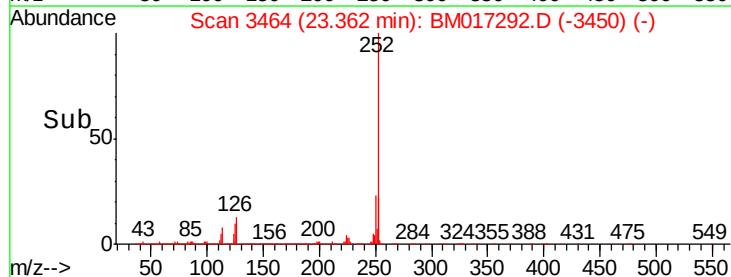
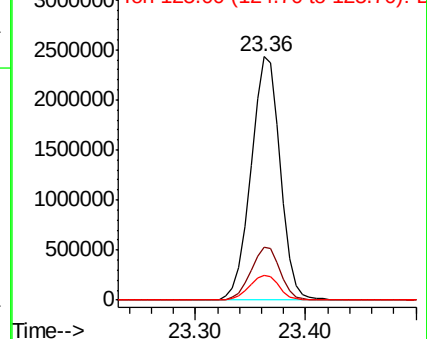


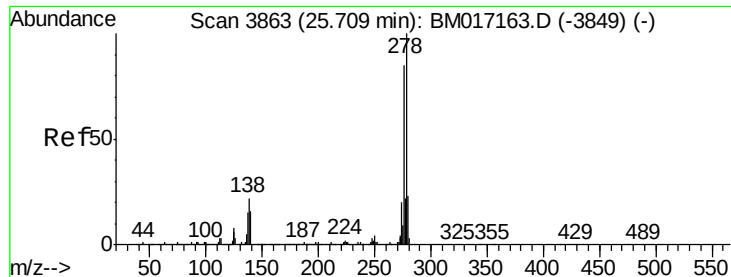
Abundance

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: 48.346 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

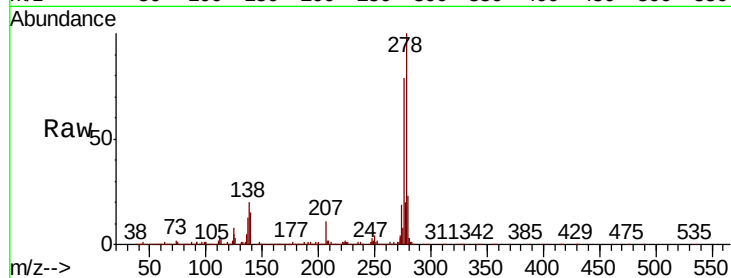
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3946975

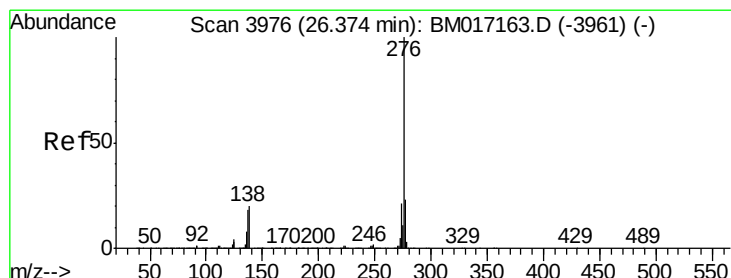
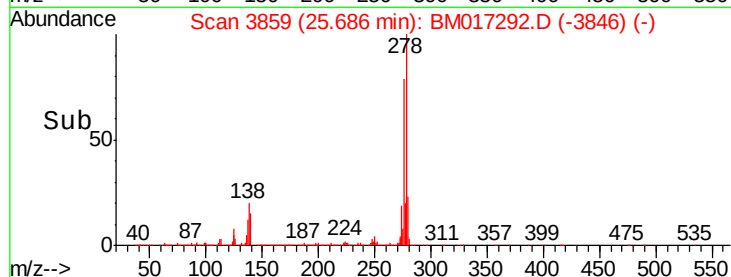
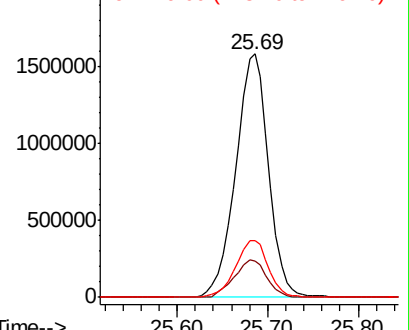
Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.7	19.1
279	23.2	18.7	28.1



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: 47.782 ng

RT: 26.35 min Scan# 3972

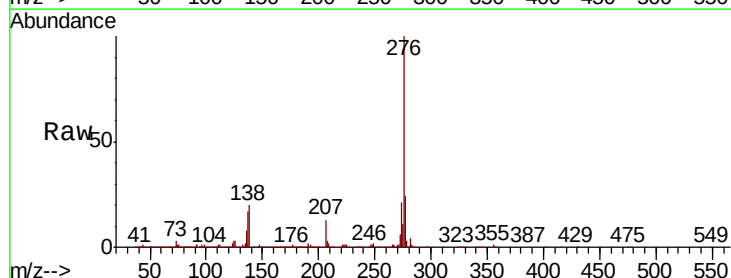
Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:276 Resp: 3866289

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	20.0	16.4	24.6



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

