

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017606.D
 Acq On : 10 Nov 2018 00:01
 Operator : MJ/SJ
 Sample : PB114693BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BSD

Quant Time: Nov 12 00:35:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	226955	20.00	ng	-0.03
21) Naphthalene-d8	10.39	136	957274	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	577454	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1317898	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1347264	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1154422	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	2004622	149.39	ng	-0.02
7) Phenol-d6	6.81	99	2656427	145.35	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1245323	76.08	ng	-0.03
42) 2,4,6-Tribromophenol	15.76	330	1169442	149.75	ng	-0.03
45) 2-Fluorobiphenyl	12.87	172	2895118	66.71	ng	-0.03
79) Terphenyl-d14	19.66	244	4405023	73.70	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	309839	45.218	ng	# 84
3) Pyridine	3.61	79	648867	41.156	ng	# 81
4) n-Nitrosodimethylamine	3.53	42	334605	52.867	ng	# 66
6) Aniline	6.96	93	920512	40.269	ng	95
8) 2-Chlorophenol	7.19	128	759081	48.898	ng	95
9) Benzaldehyde	6.77	77	505087	43.345	ng	92
10) Phenol	6.84	94	935987	47.587	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	651527	41.553	ng	94
12) 1,3-Dichlorobenzene	7.50	146	754198	41.676	ng	96
13) 1,4-Dichlorobenzene	7.65	146	783768	42.391	ng	98
14) 1,2-Dichlorobenzene	7.96	146	747430	41.958	ng	99
15) Benzyl Alcohol	7.87	79	665194	49.796	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.15	45	975831	44.548	ng	96
17) 2-Methylphenol	8.07	107	624775	49.488	ng	96
18) Hexachloroethane	8.68	117	280292	44.299	ng	96
19) n-Nitroso-di-n-propylamine	8.43	70	559897	46.527	ng	95
20) 3+4-Methylphenols	8.39	107	857743	49.675	ng	97
22) Acetophenone	8.44	105	1079049	44.468	ng	# 97
24) Nitrobenzene	8.82	77	829779	47.927	ng	93
25) Isophorone	9.34	82	1463870	54.162	ng	97
26) 2-Nitrophenol	9.52	139	398713	49.063	ng	90
27) 2,4-Dimethylphenol	9.58	122	696749	58.300	ng	100
28) bis(2-Chloroethoxy)methane	9.82	93	921246	48.427	ng	100
29) 2,4-Dichlorophenol	10.05	162	721699	52.010	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	739879	44.448	ng	99
31) Naphthalene	10.44	128	2251497	47.994	ng	99
32) Benzoic acid	9.75	122	468153	52.500	ng	90
33) 4-Chloroaniline	10.56	127	485629	23.969	ng	96
34) Hexachlorobutadiene	10.72	225	440078	41.725	ng	99
35) Caprolactam	11.36	113	101100	19.992	ng	94
36) 4-Chloro-3-methylphenol	11.69	107	805079	51.472	ng	94
37) 2-Methylnaphthalene	12.06	142	1679255	52.310	ng	98
38) 1-Methylnaphthalene	12.28	142	1592636	50.973	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	861533	42.365	ng	# 98

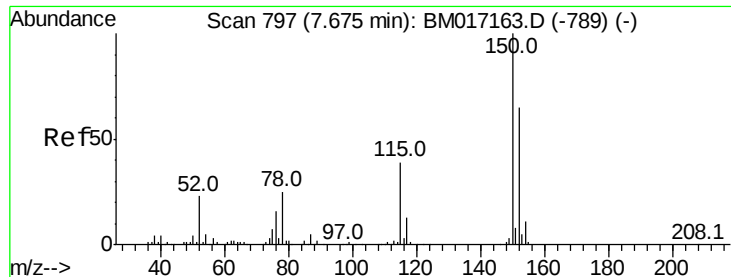
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1200826	122.146	nq	100
43) 2,4,6-Trichlorophenol	12.69	196	603762	51.144	nq	99
44) 2,4,5-Trichlorophenol	12.76	196	650902	51.418	nq	98
46) 1,1'-Biphenyl	13.09	154	2156161	41.493	nq	98
47) 2-Chloronaphthalene	13.13	162	1684275	44.058	nq	99
48) 2-Nitroaniline	13.35	65	540732	49.821	nq	96
49) Acenaphthylene	13.99	152	2787134	50.298	nq	100
50) Dimethylphthalate	13.73	163	2133145	47.881	nq	99
51) 2,6-Dinitrotoluene	13.86	165	479763	48.928	nq	91
52) Acenaphthene	14.33	154	1601045	46.017	nq	98
53) 3-Nitroaniline	14.19	138	344949	32.482	nq	91
54) 2,4-Dinitrophenol	14.40	184	595713	101.136	nq	96
55) Dibenzofuran	14.67	168	2607540	45.068	nq	99
56) 4-Nitrophenol	14.51	139	829093	85.327	nq	91
57) 2,4-Dinitrotoluene	14.65	165	677691	51.422	nq	# 88
58) Fluorene	15.32	166	2143751	50.058	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.90	232	603407	52.293	nq	97
60) Diethylphthalate	15.11	149	2183893	49.430	nq	99
61) 4-Chlorophenyl-phenylether	15.32	204	1081346	44.291	nq	99
62) 4-Nitroaniline	15.36	138	469143	40.418	nq	91
63) Azobenzene	15.61	77	2096818	48.827	nq	94
65) 4,6-Dinitro-2-methylphenol	15.42	198	390403	46.404	nq	94
66) n-Nitrosodiphenylamine	15.54	169	1882159	47.204	nq	99
67) 4-Bromophenyl-phenylether	16.22	248	677494	46.819	nq	97
68) Hexachlorobenzene	16.32	284	759494	45.184	nq	98
69) Atrazine	16.50	200	689819	48.338	nq	98
70) Pentachlorophenol	16.67	266	965731	83.869	nq	99
71) Phenanthrene	17.06	178	3357361	47.217	nq	100
72) Anthracene	17.15	178	3432119	50.799	nq	100
73) Carbazole	17.43	167	3070637	44.492	nq	100
74) Di-n-butylphthalate	18.00	149	3698174	50.805	nq	99
75) Fluoranthene	19.09	202	3837215	47.958	nq	99
77) Benzidine	19.29	184	2652080	77.633	nq	98
78) Pyrene	19.45	202	3936779	52.282	nq	100
80) Butylbenzylphthalate	20.36	149	1636024	55.737	nq	91
81) Benzo(a)anthracene	21.20	228	3713107	48.975	nq	100
82) 3,3'-Dichlorobenzidine	21.14	252	924572	32.720	nq	100
83) Chrysene	21.26	228	3476435	46.326	nq	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2310744	52.188	nq	99
85) Di-n-octyl phthalate	22.01	149	3787075	50.643	nq	97
86) Indeno(1,2,3-cd)pyrene	25.61	276	3052078	36.363	nq	99
88) Benzo(b)fluoranthene	22.76	252	3369119	53.379	nq	99
89) Benzo(k)fluoranthene	22.80	252	3168436	50.028	nq	99
90) Benzo(a)pyrene	23.31	252	3051588	50.922	nq	100
91) Dibenzo(a,h)anthracene	25.61	278	2590164	43.528	nq	99
92) Benzo(g,h,i)perylene	26.27	276	2455756	41.639	nq	99

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

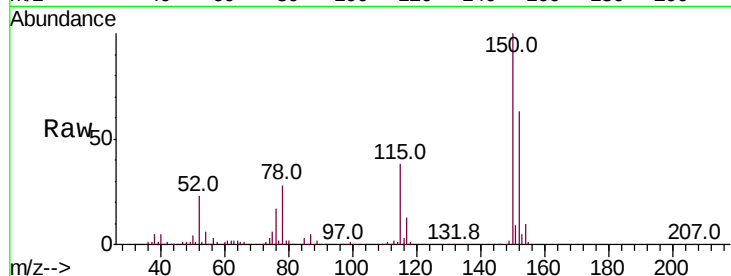


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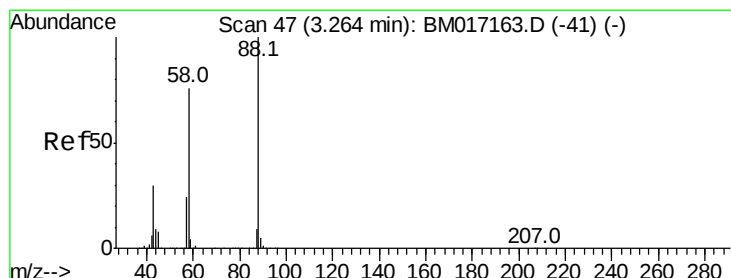
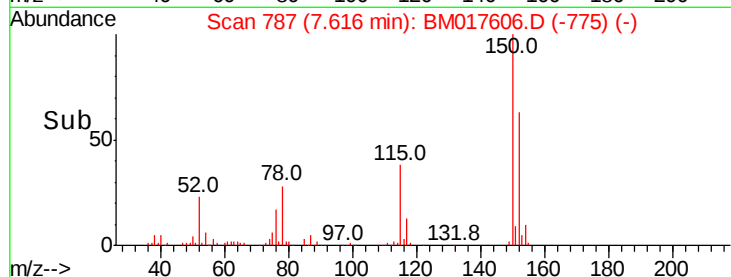
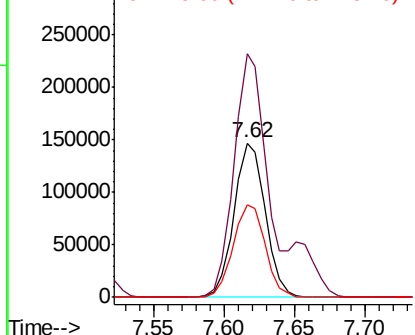
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Tot Ion:152 Resp: 226955
Ion Ratio Lower Upper
152 100
150 157.5 124.3 186.5
115 59.9 48.1 72.1



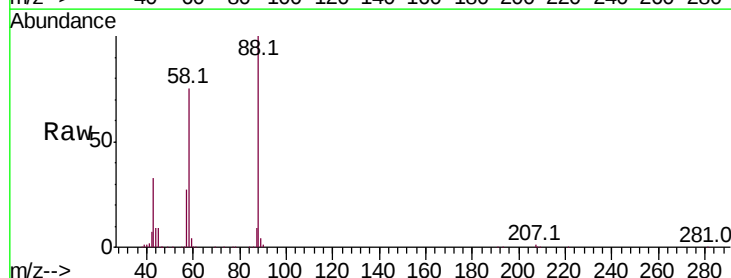
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



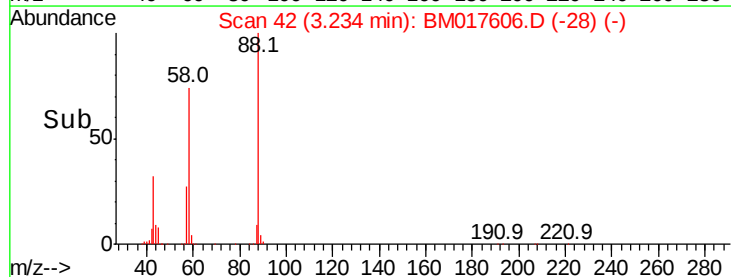
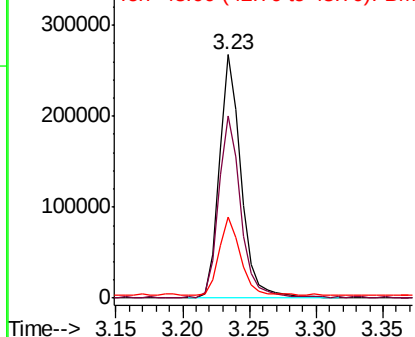
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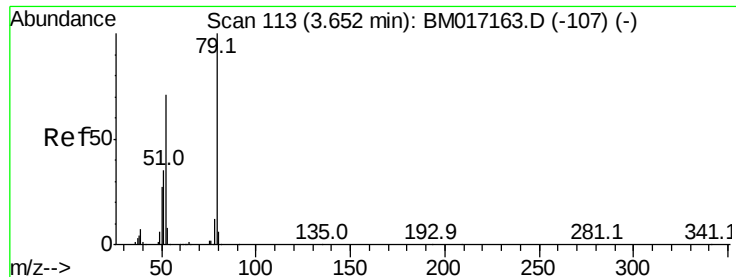
1,4-Dioxane
Concen: 45.218 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion: 88 Resp: 309839
Ion Ratio Lower Upper
88 100
58 74.6 50.2 75.4
43 32.2 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: 41.156 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

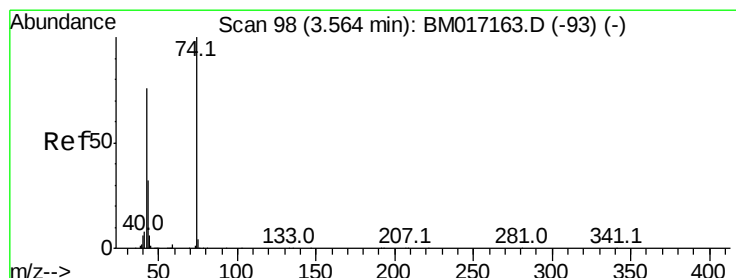
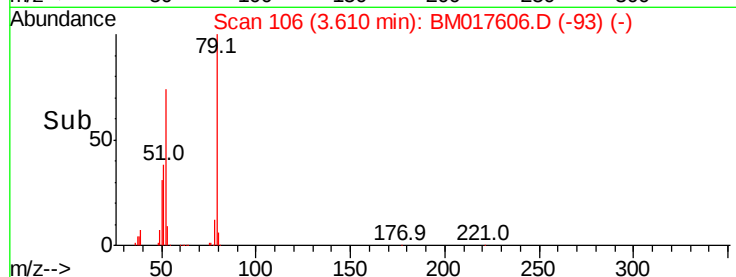
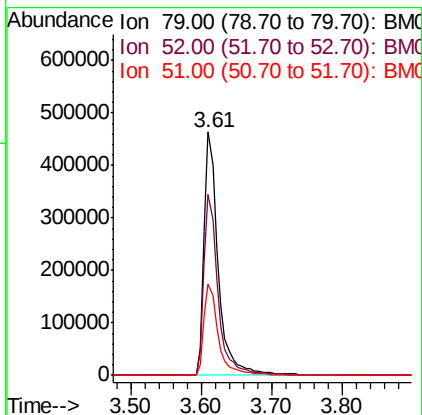
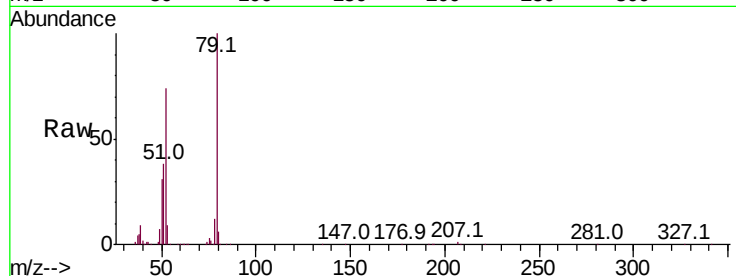
Tot Ion: 79 Resp: 648867

Ion Ratio Lower Upper

79 100

52 74.2 46.5 69.7#

51 37.7 24.6 37.0#



#4

n-Nitrosodimethylamine

Concen: 52.867 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

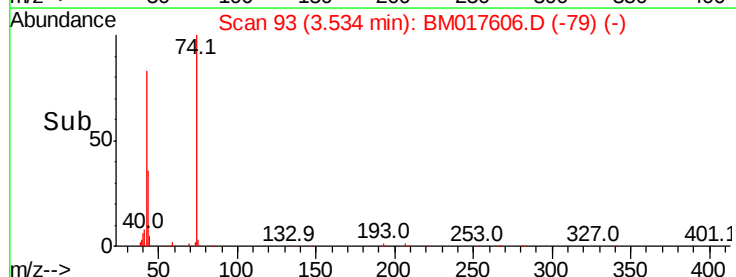
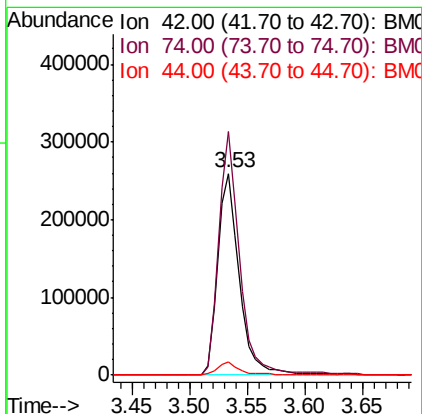
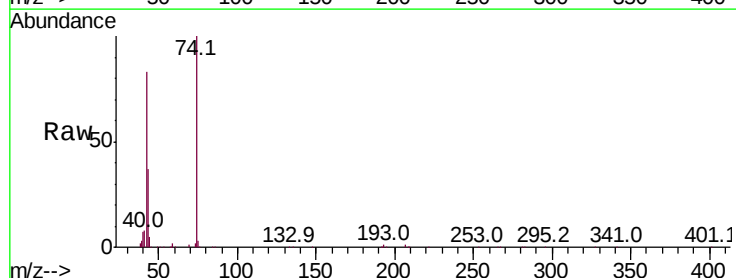
Tgt Ion: 42 Resp: 334605

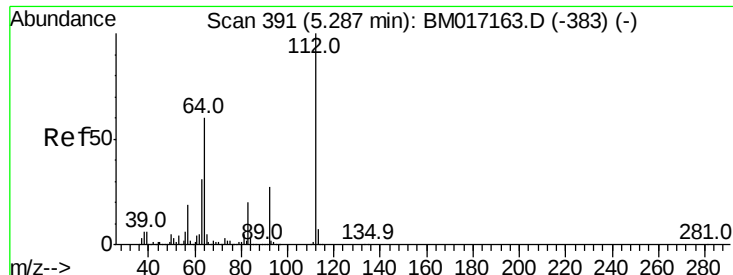
Ion Ratio Lower Upper

42 100

74 120.8 114.4 171.6

44 6.4 48.6 73.0#





#5

2-Fluorophenol

Concen: 149.390 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

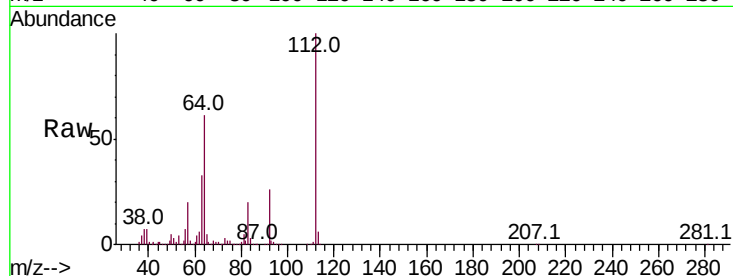
Tot Ion:112 Resp: 2004622

Ion Ratio Lower Upper

112 100

64 61.2 41.7 62.5

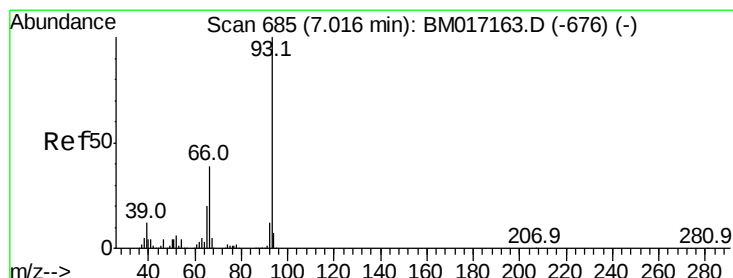
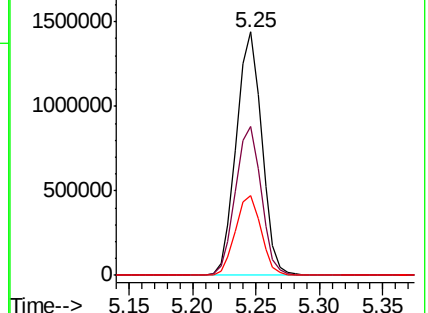
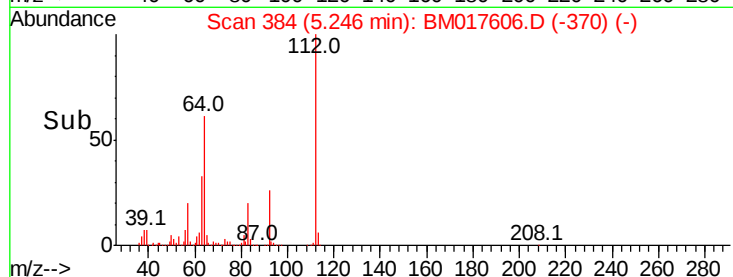
63 32.8 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 40.269 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

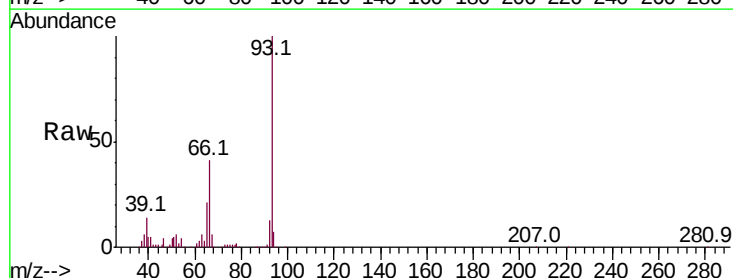
Tgt Ion: 93 Resp: 920512

Ion Ratio Lower Upper

93 100

66 41.4 30.4 45.6

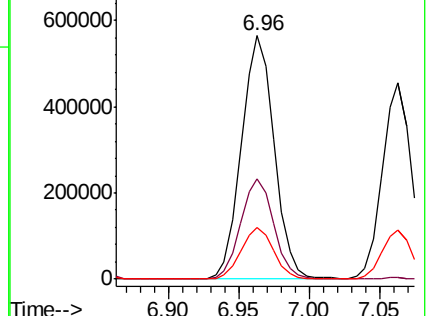
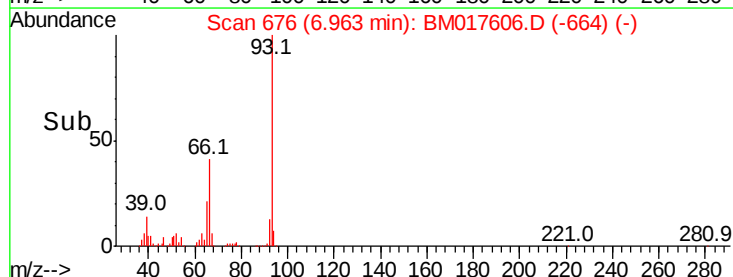
65 21.2 15.3 22.9

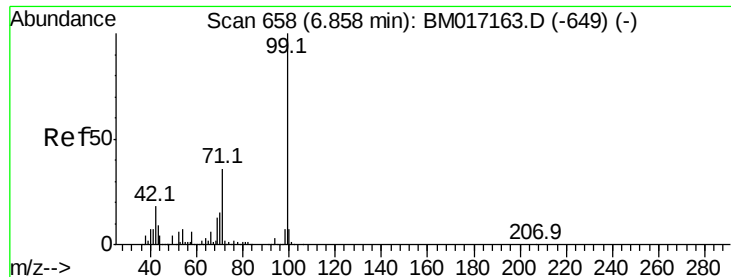


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 145.355 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

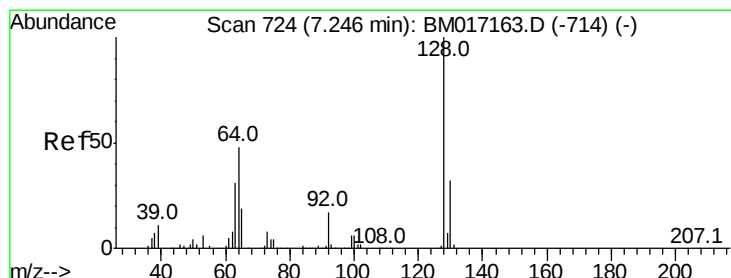
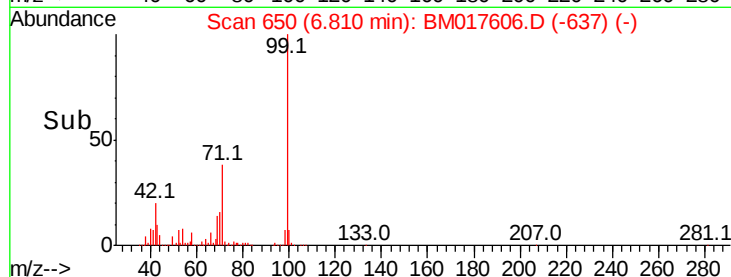
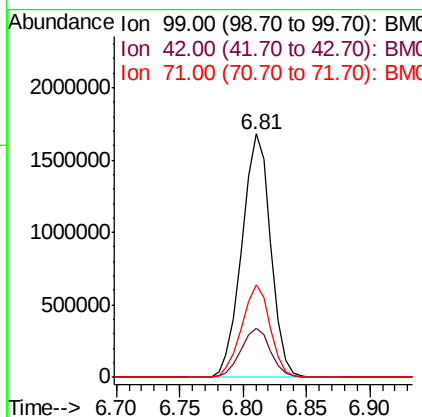
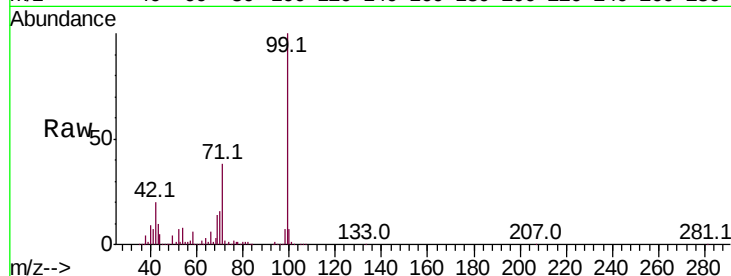
BNA_M

ClientSampleId :

PB114693BSD

Tot Ion: 99 Resp: 2656427

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.3	19.9#
71	37.8	28.0	42.0



#8

2-Chlorophenol

Concen: 48.898 ng

RT: 7.19 min Scan# 715

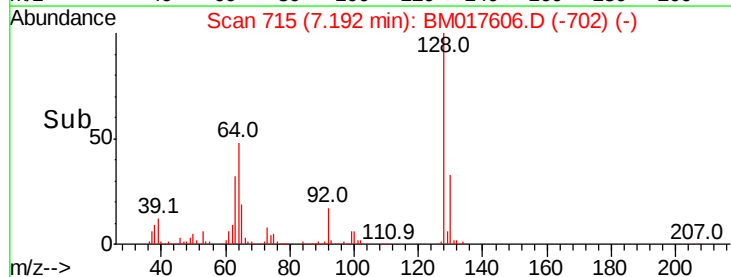
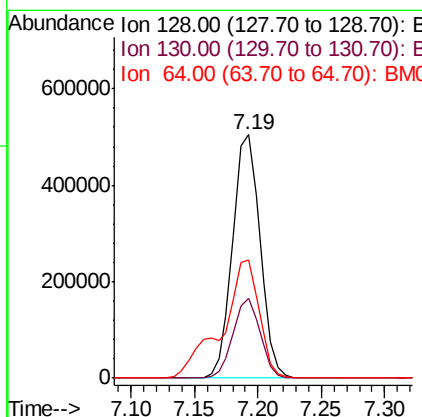
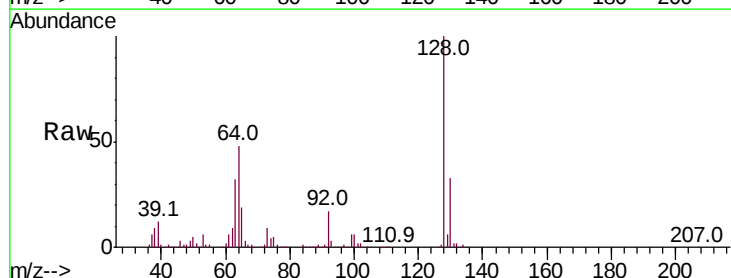
Delta R.T. -0.02 min

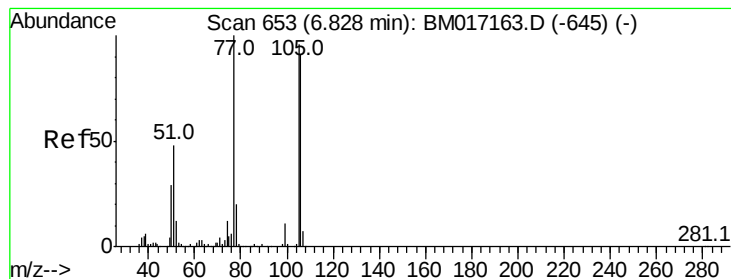
Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Tgt Ion: 128 Resp: 759081

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.0	51.0
64	48.5	24.1	64.1





#9

Benzaldehyde

Concen: 43.345 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

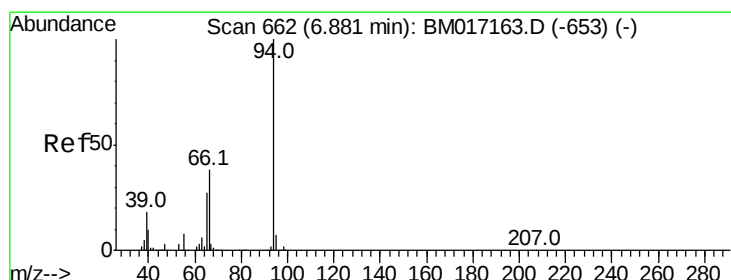
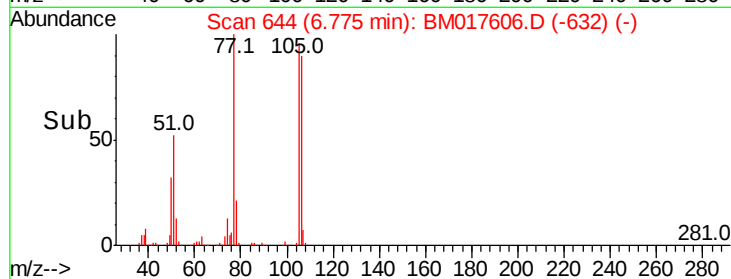
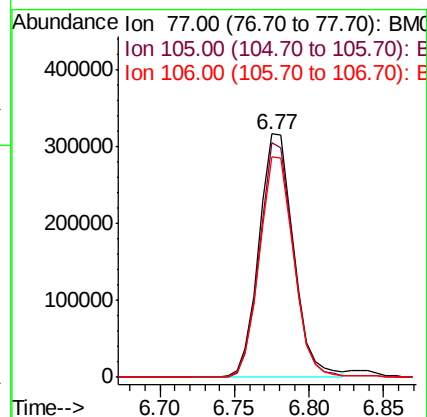
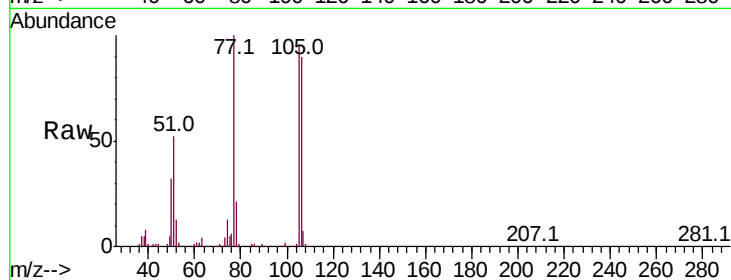
Tot Ion: 77 Resp: 505087

Ion Ratio Lower Upper

77 100

105 96.4 83.9 123.9

106 90.4 78.2 118.2



#10

Phenol

Concen: 47.587 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

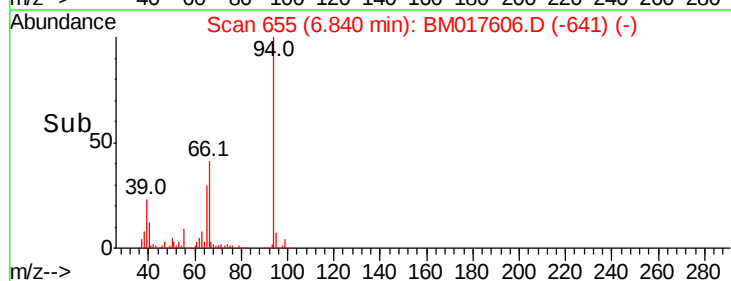
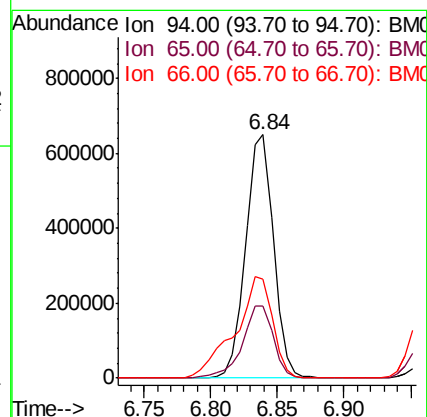
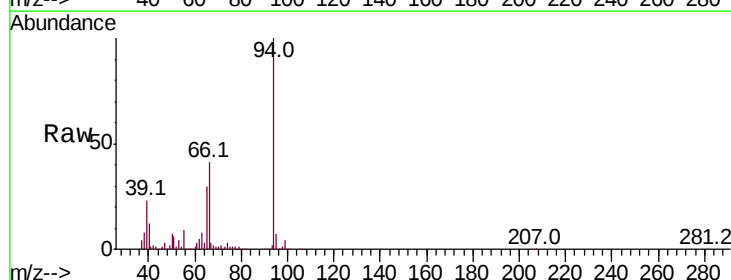
Tgt Ion: 94 Resp: 935987

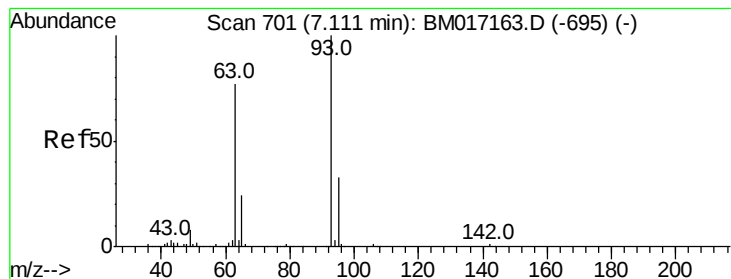
Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

66 40.6 19.0 59.0

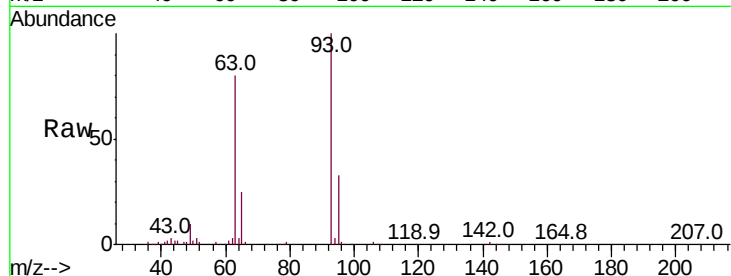




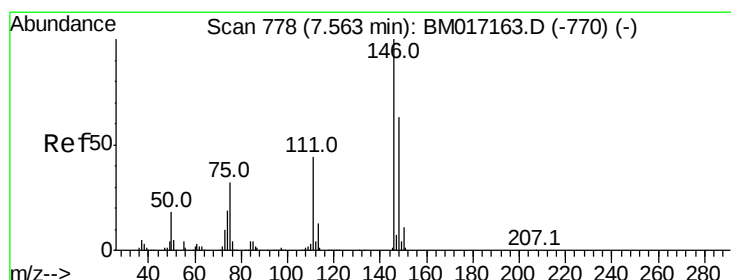
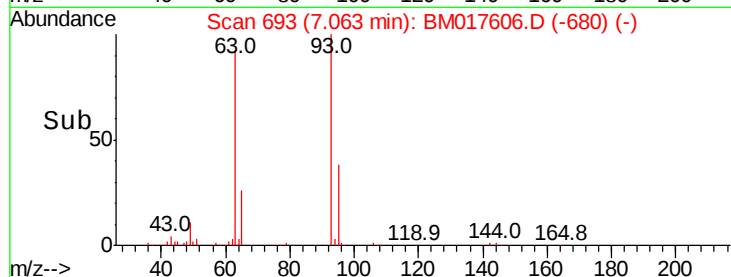
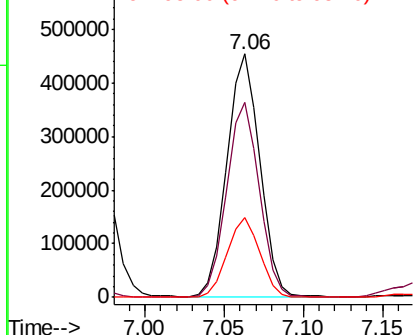
#11
bis(2-Chloroethyl)ether
Concen: 41.553 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Tot Ion: 93 Resp: 651527
Ion Ratio Lower Upper
93 100
63 80.3 54.0 94.0
95 32.7 11.8 51.8

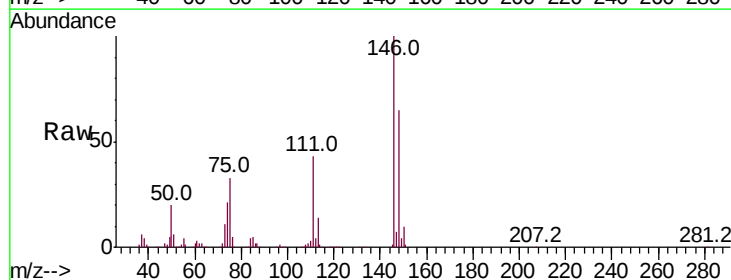


Abundance Ion 93.00 (92.70 to 93.70): BM017606.D (-695) (-)
Ion 63.00 (62.70 to 63.70): BM017606.D (-695) (-)
Ion 95.00 (94.70 to 95.70): BM017606.D (-695) (-)

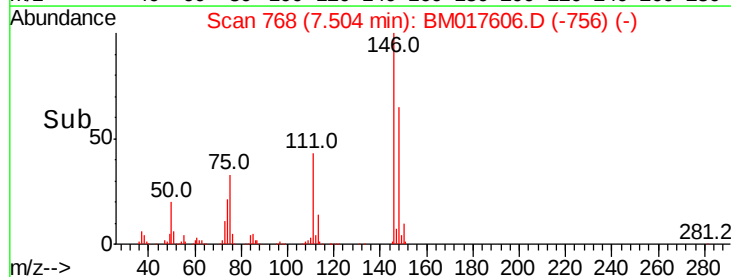
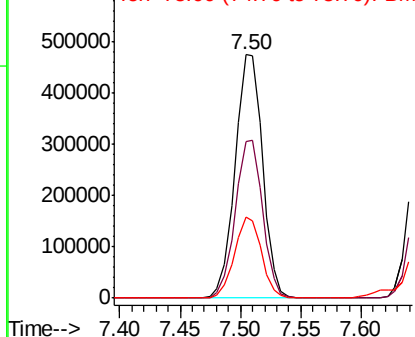


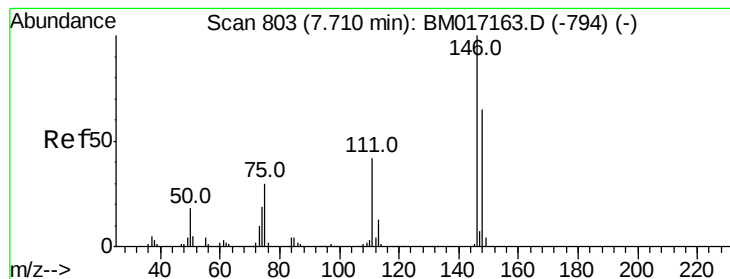
#12
1,3-Dichlorobenzene
Concen: 41.676 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion: 146 Resp: 754198
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.4
75 33.4 23.3 34.9



Abundance Ion 146.00 (145.70 to 146.70): BM017606.D (-770) (-)
Ion 148.00 (147.70 to 148.70): BM017606.D (-770) (-)
Ion 75.00 (74.70 to 75.70): BM017606.D (-770) (-)





#13

1,4-Dichlorobenzene

Concen: 42.391 ng

RT: 7.65 min Scan# 793

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

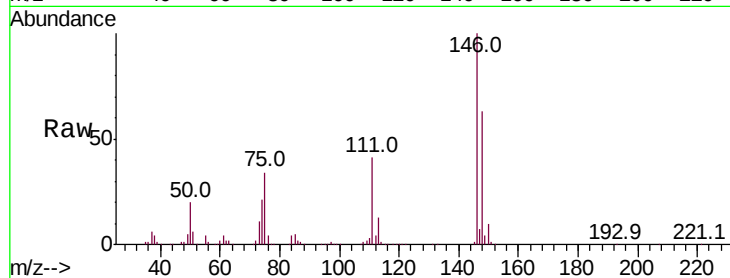
Tot Ion:146 Resp: 783768

Ion Ratio Lower Upper

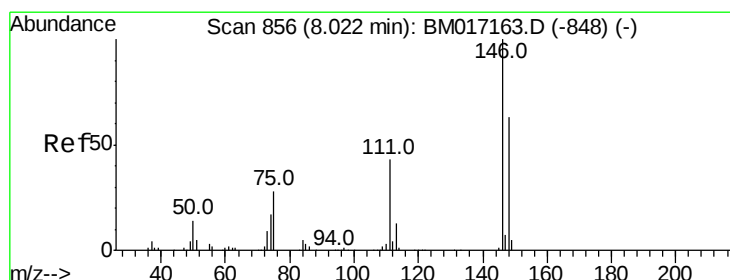
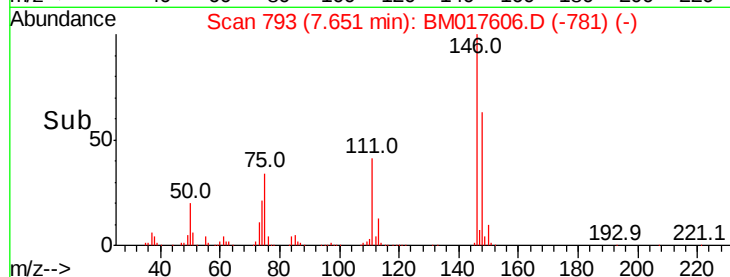
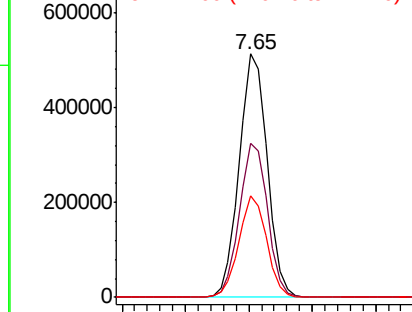
146 100

148 63.1 49.8 74.6

111 41.5 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: 41.958 ng

RT: 7.96 min Scan# 846

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

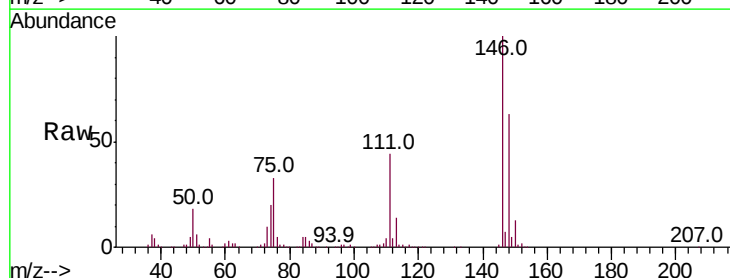
Tgt Ion:146 Resp: 747430

Ion Ratio Lower Upper

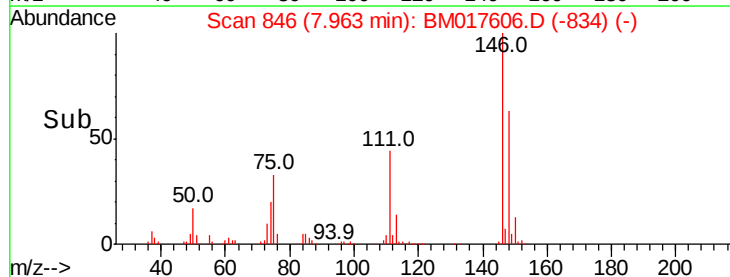
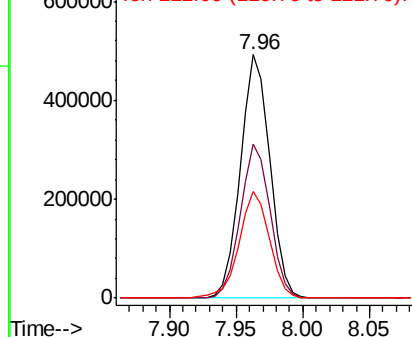
146 100

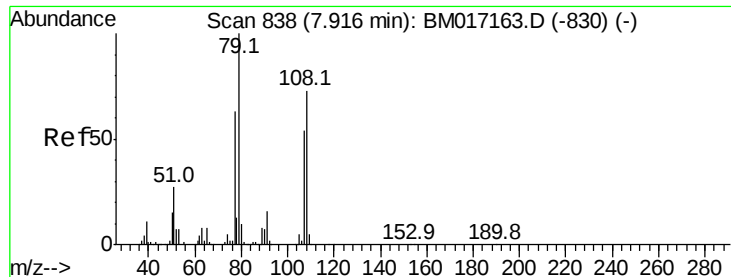
148 63.1 50.8 76.2

111 43.7 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: 49.796 ng

RT: 7.87 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

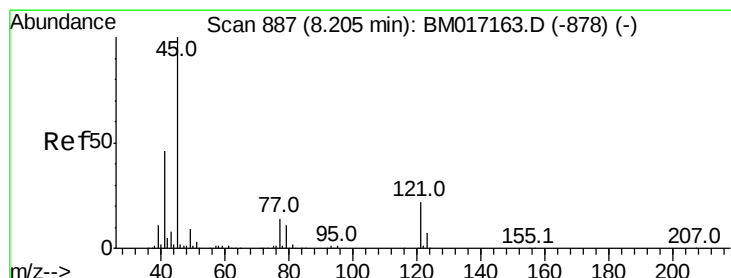
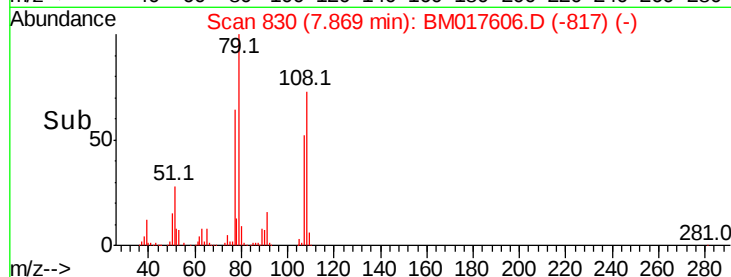
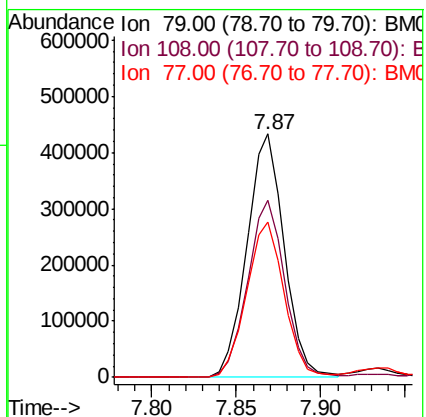
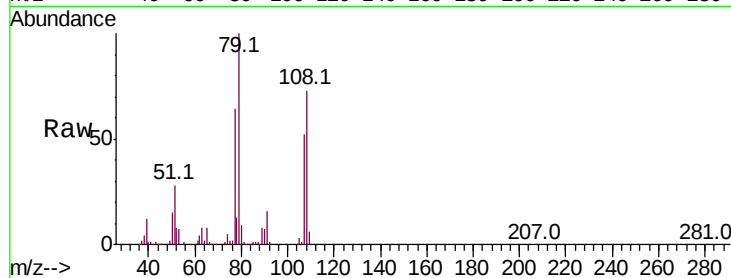
Tot Ion: 79 Resp: 665194

Ion Ratio Lower Upper

79 100

108 72.5 60.3 90.5

77 63.7 54.8 82.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.548 ng

RT: 8.15 min Scan# 878

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

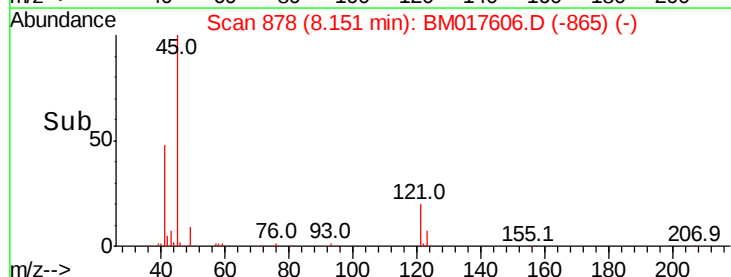
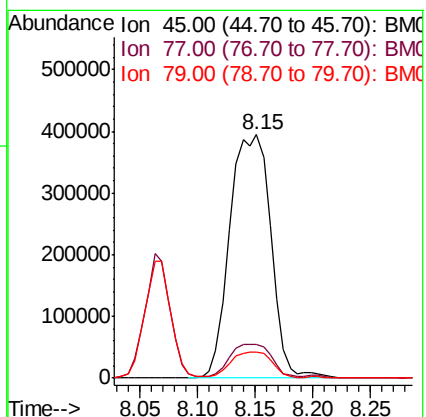
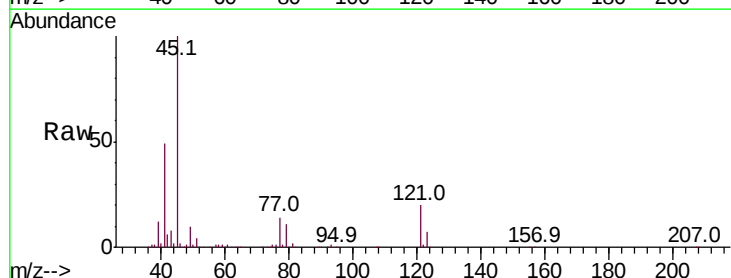
Tgt Ion: 45 Resp: 975831

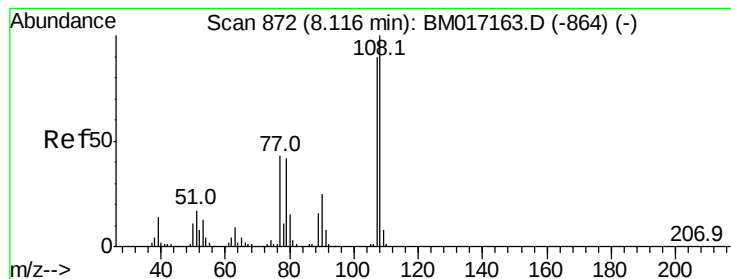
Ion Ratio Lower Upper

45 100

77 13.7 0.0 35.5

79 10.7 0.0 32.1

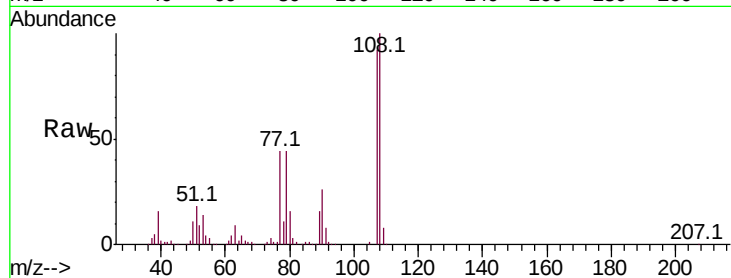




#17
2-Methylphenol
Concen: 49.488 ng
RT: 8.07 min Scan# 864
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.7	90.3	135.5
77	47.5	37.0	55.4
79	47.5	35.8	53.6



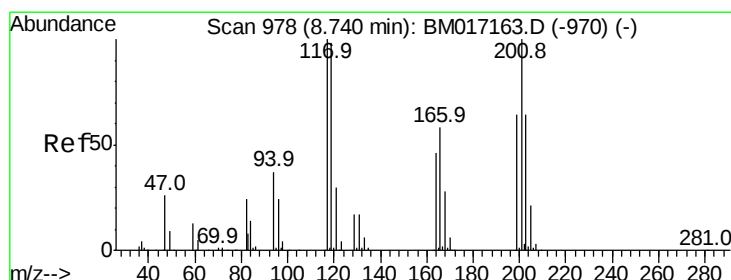
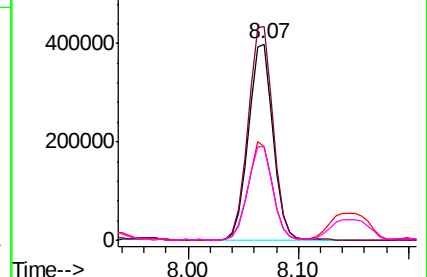
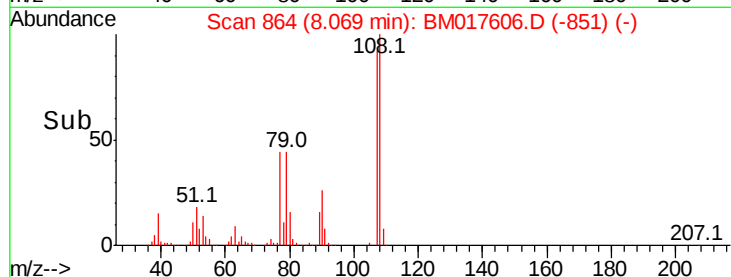
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

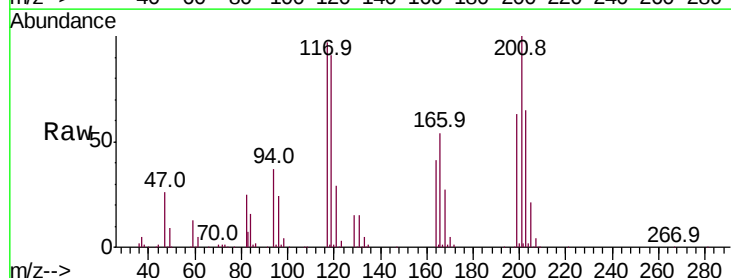
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 44.299 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.2	117.2
201	102.9	85.3	127.9

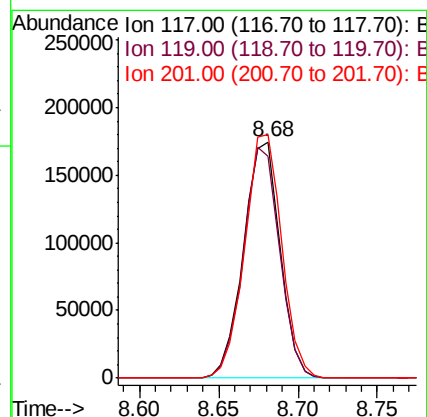
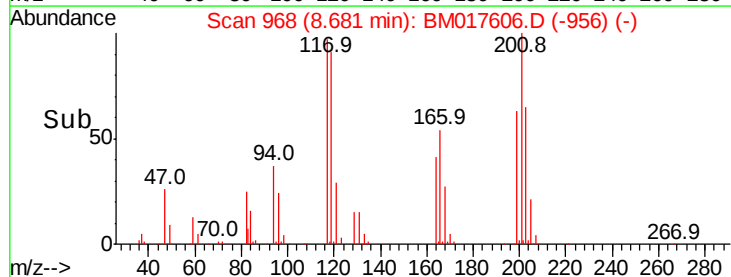


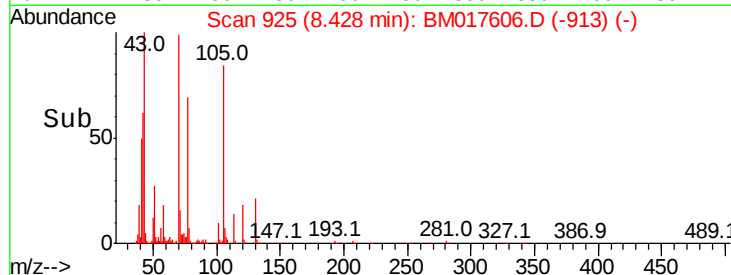
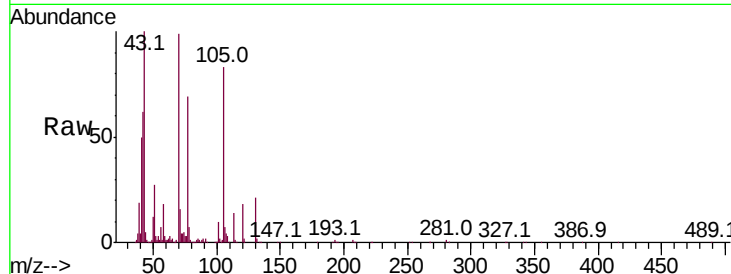
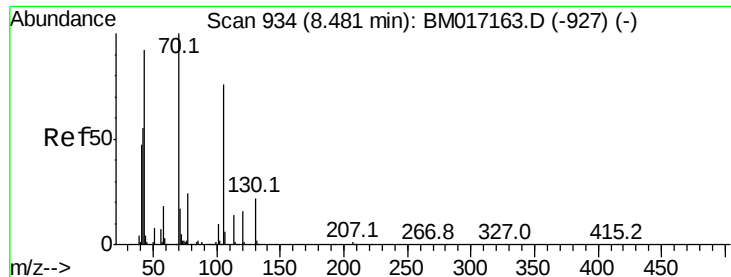
Abundance

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

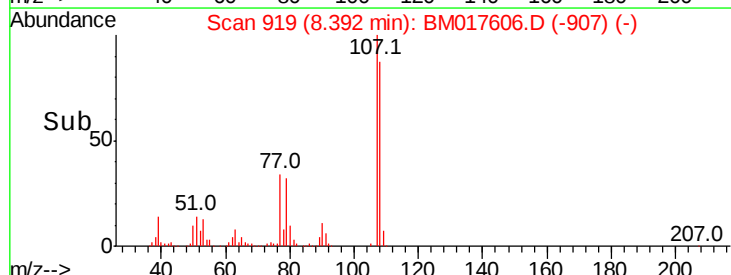
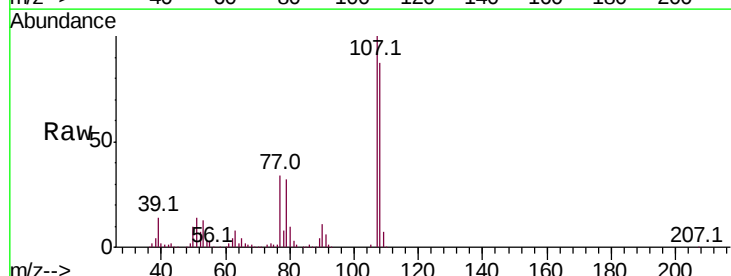
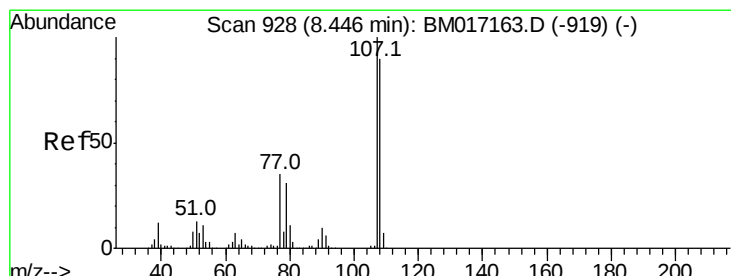
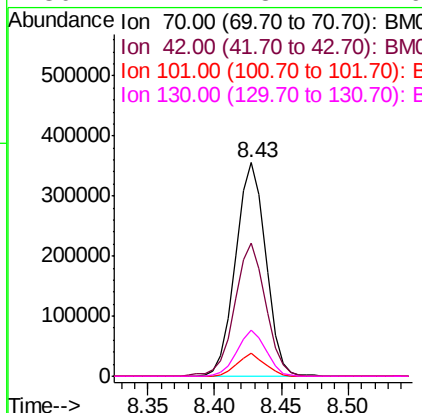




#19
n-Nitroso-di-n-propylamine
Concen: 46.527 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

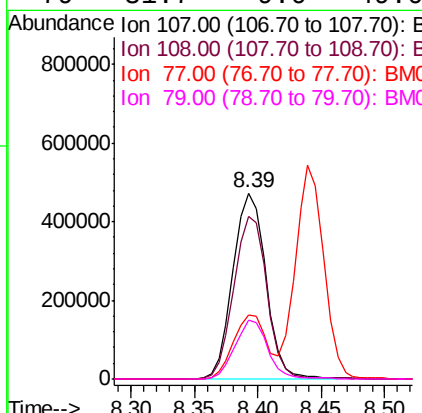
Instrument :
BNA_M
ClientSampleId :
PB114693BSD

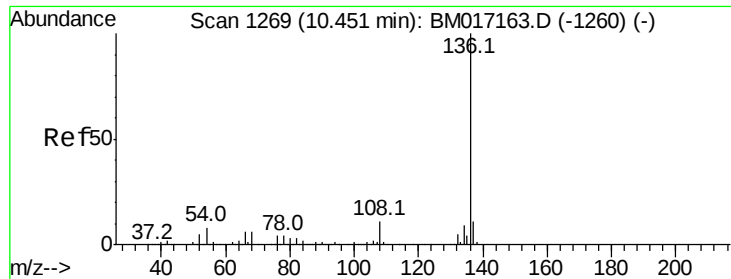
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.4	46.1	69.1
101	10.6	8.2	12.4
130	21.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 49.675 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.9	109.9
77	34.3	12.2	52.2
79	31.7	9.0	49.0

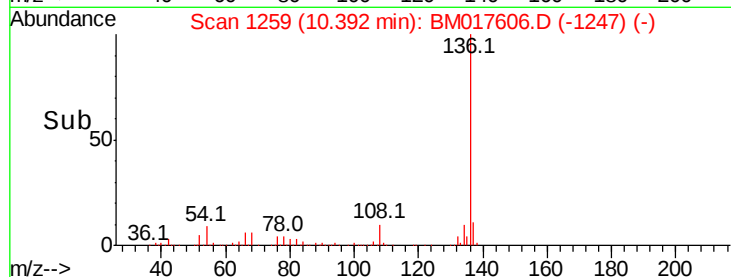
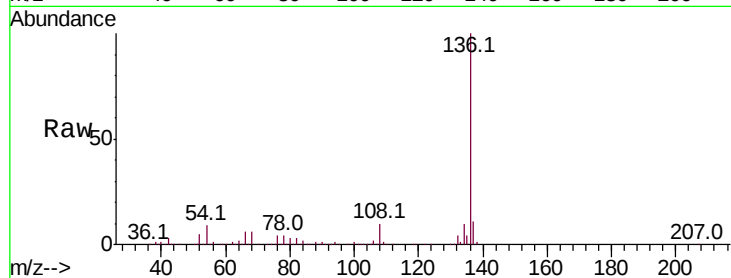




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Tot Ion:136	Resp:	957274	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.2	13.8	
54 8.9	6.7	10.1	
68 6.0	4.7	7.1	



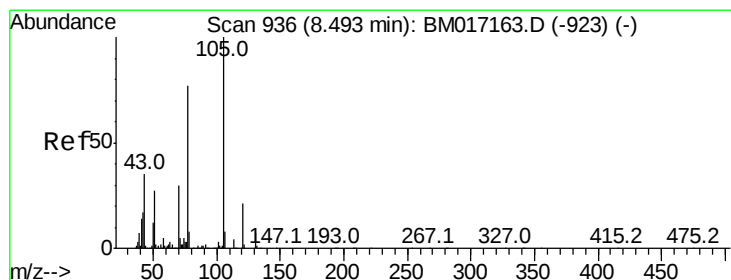
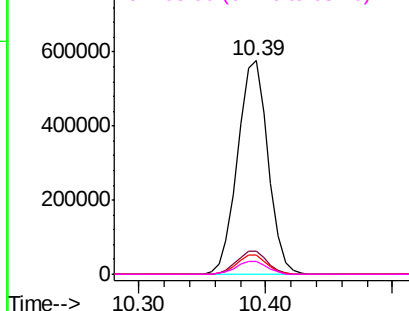
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

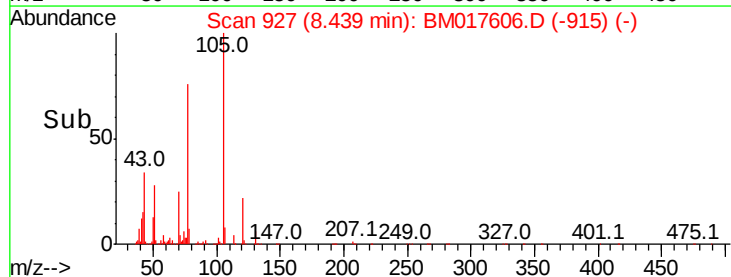
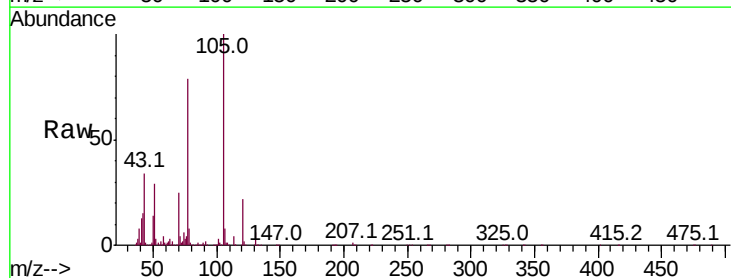
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 44.468 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt	Ion:105	Resp:	1079049
Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.0	3.0#
51	28.7	20.6	31.0
120	22.1	17.5	26.3



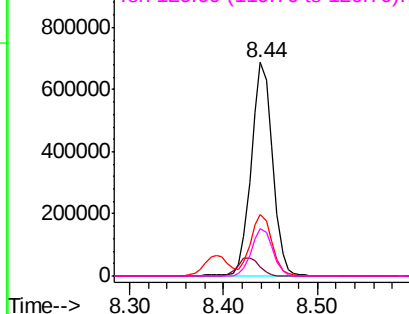
Abundance

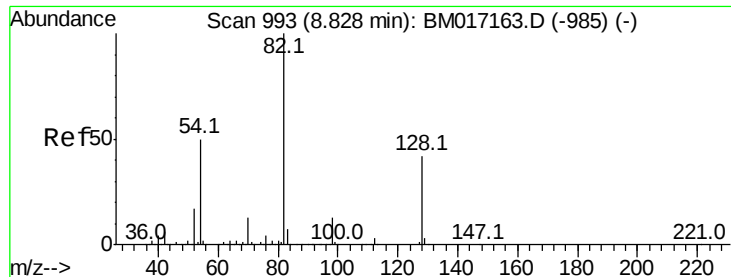
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

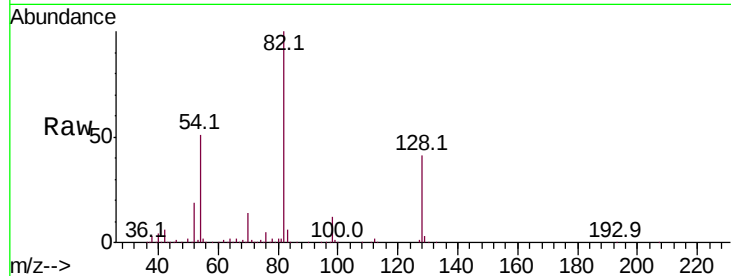




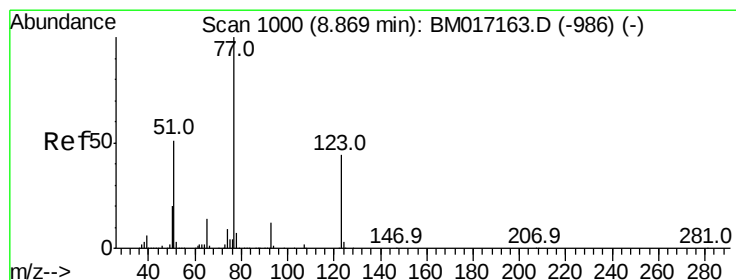
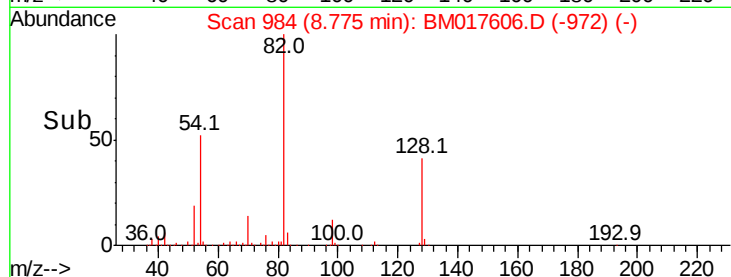
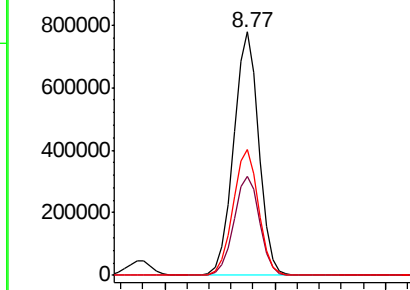
#23
Nitrobenzene-d5
Concen: 76.084 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Tot Ion: 82 Resp: 1245323
Ion Ratio Lower Upper
82 100
128 40.8 37.0 55.6
54 51.5 40.7 61.1

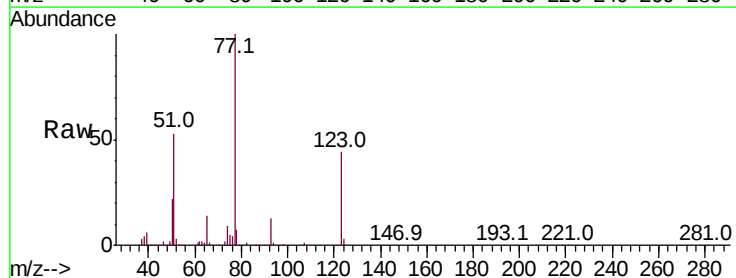


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-985) (-)
Ion 128.00 (127.70 to 128.70): BM017163.D (-985) (-)
Ion 54.00 (53.70 to 54.70): BM017163.D (-985) (-)

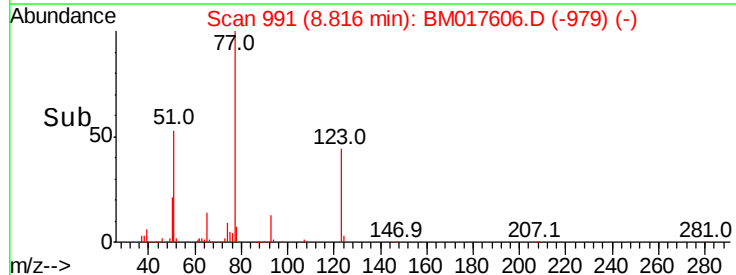
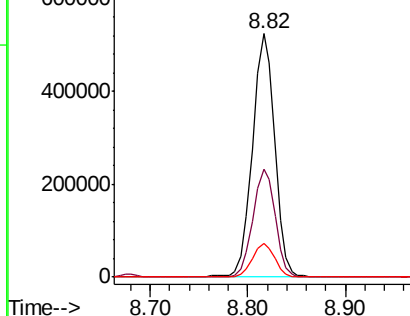


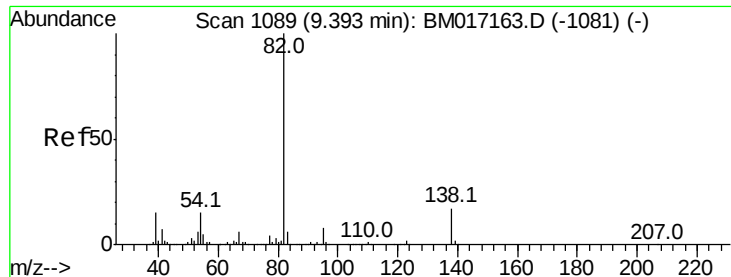
#24
Nitrobenzene
Concen: 47.927 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion: 77 Resp: 829779
Ion Ratio Lower Upper
77 100
123 44.4 40.2 60.4
65 13.9 11.4 17.0



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-986) (-)
Ion 123.00 (122.70 to 123.70): BM017163.D (-986) (-)
Ion 65.00 (64.70 to 65.70): BM017163.D (-986) (-)





#25

Isophorone

Concen: 54.162 ng

RT: 9.34 min Scan# 1080

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

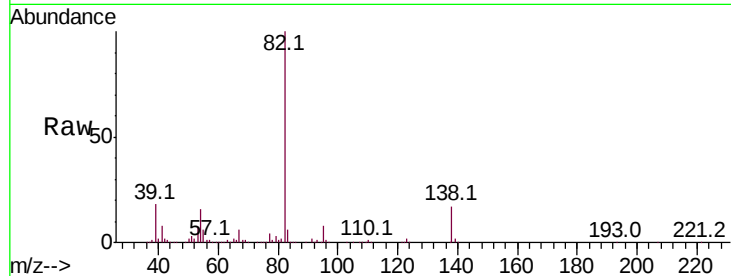
Tot Ion: 82 Resp: 1463870

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

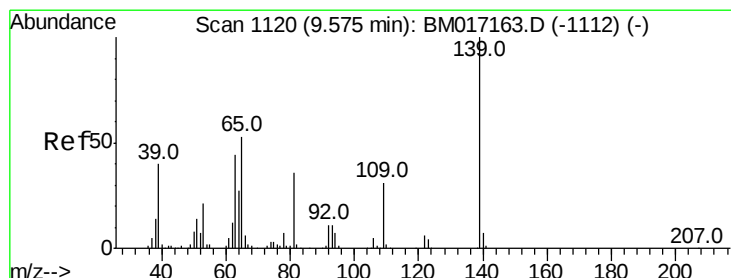
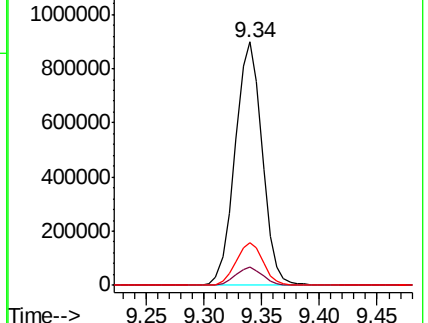
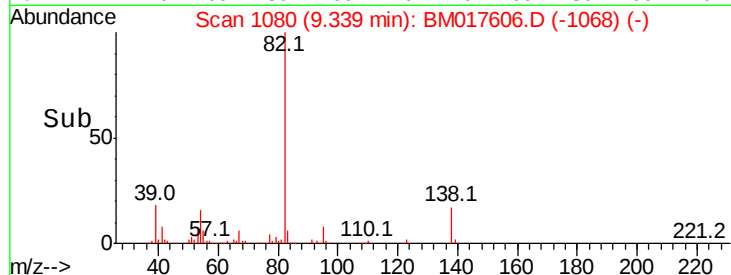
138 17.3 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017606.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BM017606.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BM017606.D (-1081) (-)



#26

2-Nitrophenol

Concen: 49.063 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

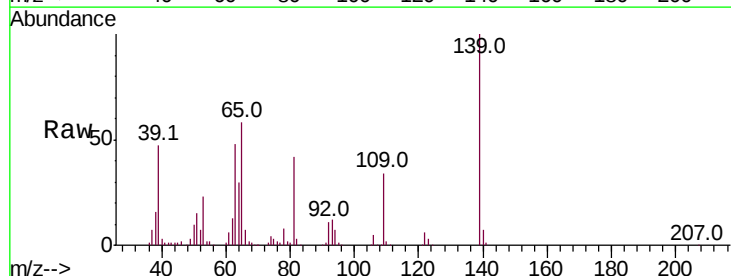
Tgt Ion: 139 Resp: 398713

Ion Ratio Lower Upper

139 100

109 33.6 23.2 34.8

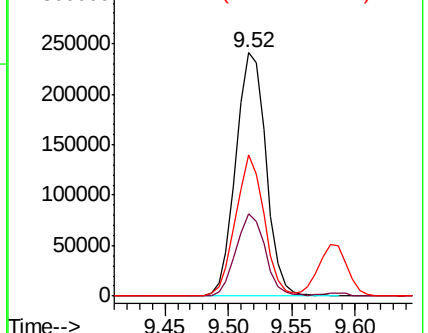
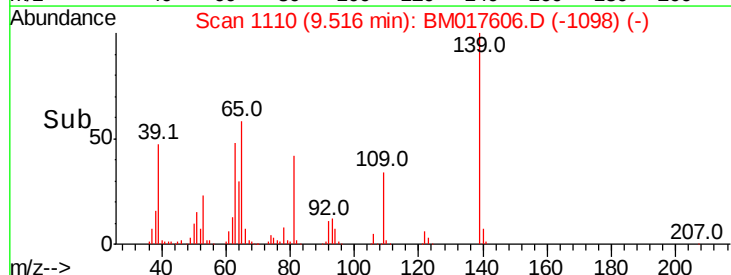
65 57.8 40.6 61.0

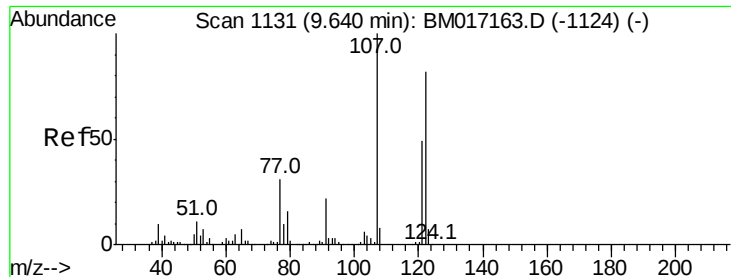


Abundance Ion 139.00 (138.70 to 139.70): BM017606.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM017606.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM017606.D (-1098) (-)

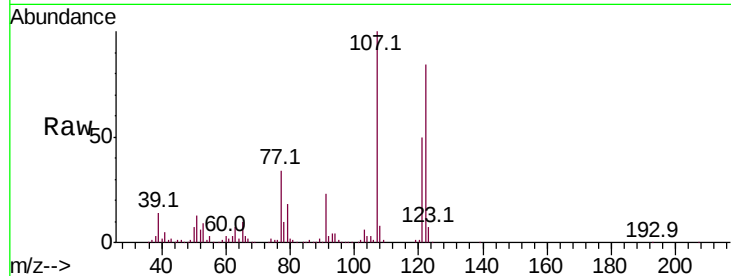




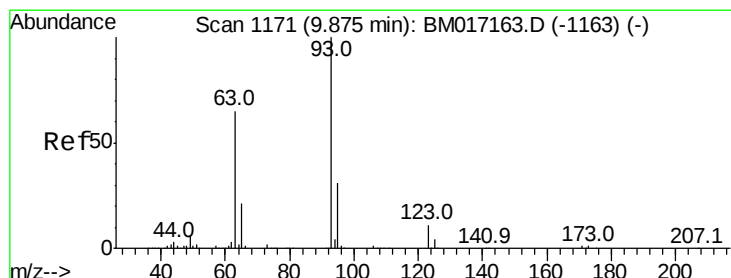
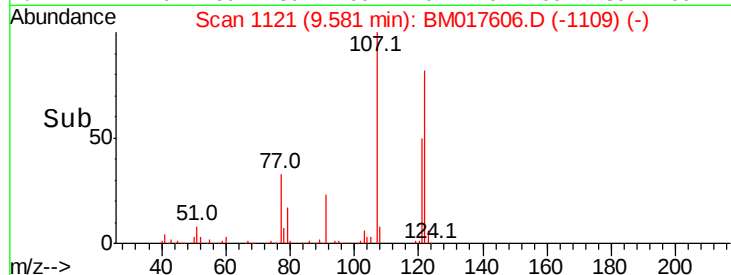
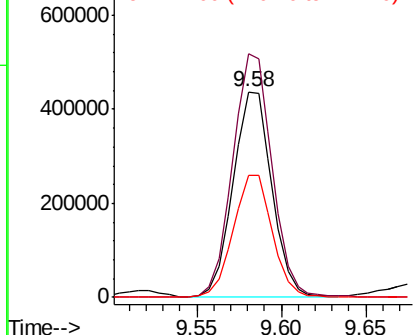
#27
 2,4-Dimethylphenol
 Concen: 58.300 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.03 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BSD

Tot Ion:122 Resp: 696749
 Ion Ratio Lower Upper
 122 100
 107 118.6 95.0 142.6
 121 59.6 48.2 72.4

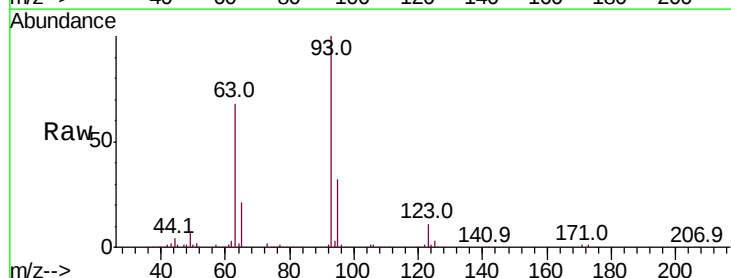


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

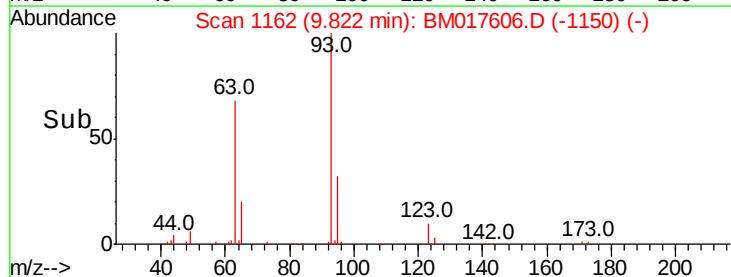
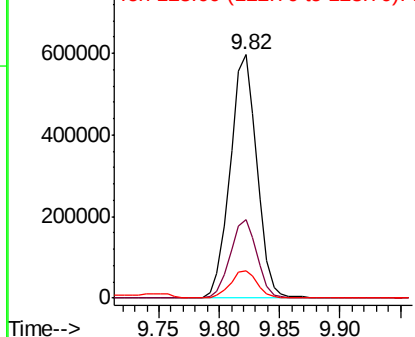


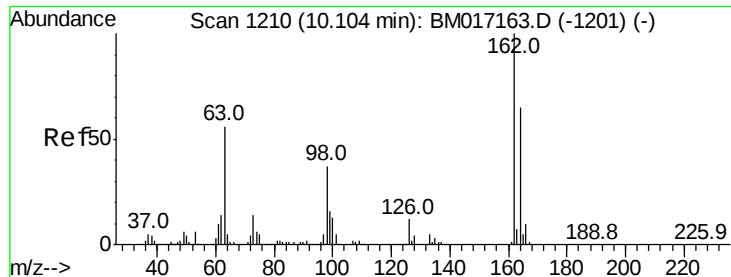
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.427 ng
 RT: 9.82 min Scan# 1162
 Delta R.T. -0.03 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Tgt Ion: 93 Resp: 921246
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.7 38.5
 123 11.3 9.4 14.0



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

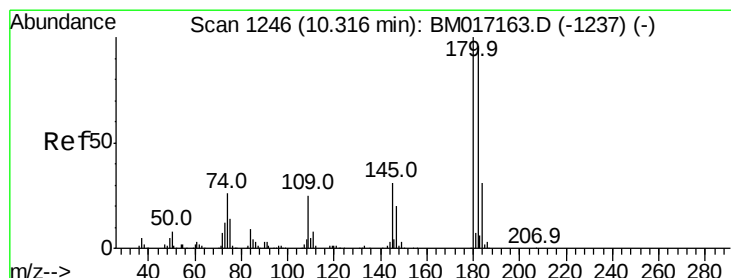
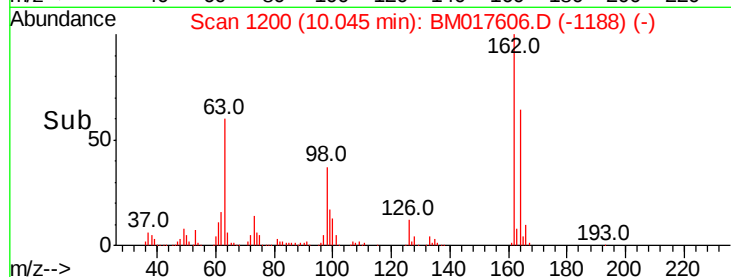
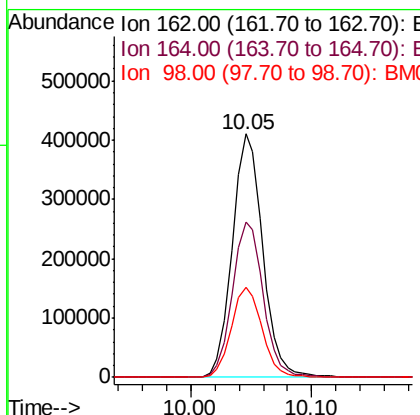
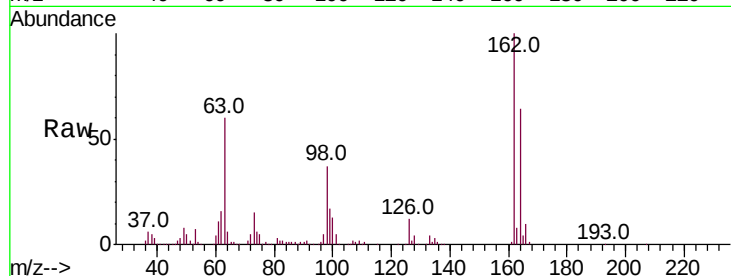




#29
2,4-Dichlorophenol
Concen: 52.010 ng
RT: 10.05 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

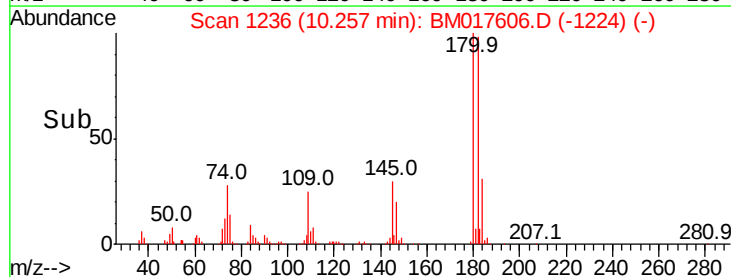
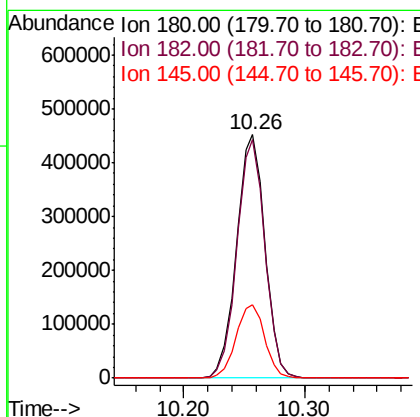
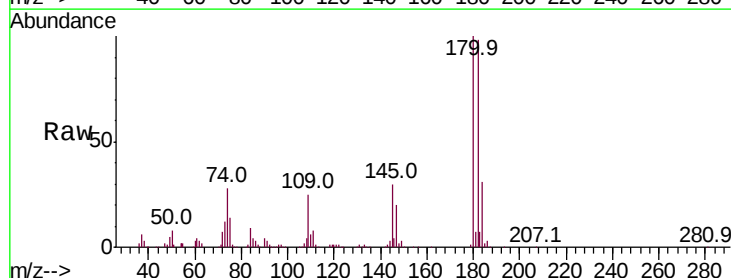
Instrument :
BNA_M
ClientSampleId :
PB114693BSD

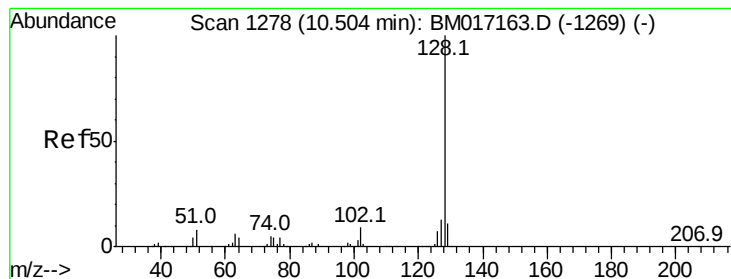
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.9	84.9
98	37.0	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 44.448 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	77.5	116.3
145	30.2	24.0	36.0

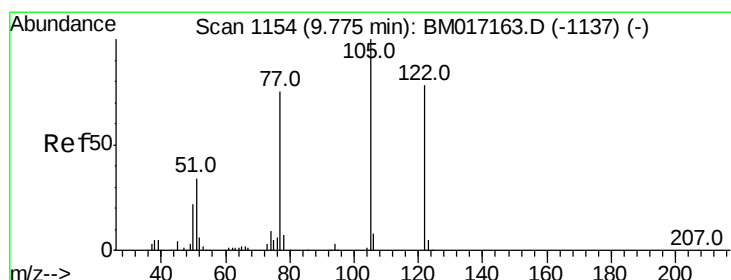
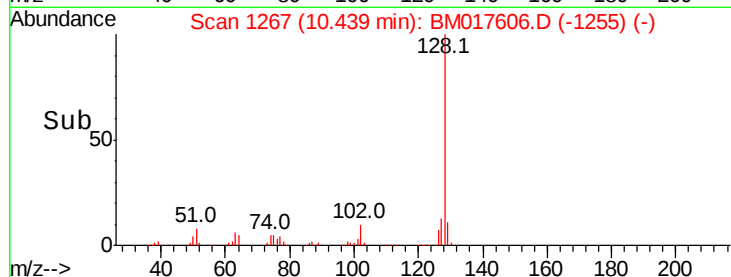
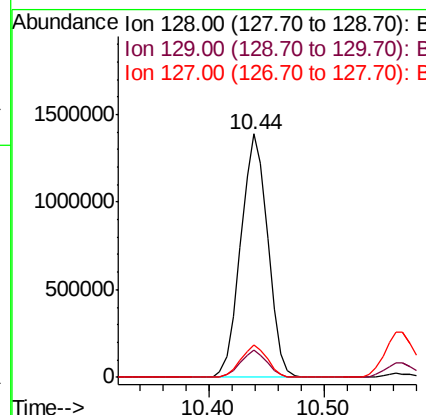
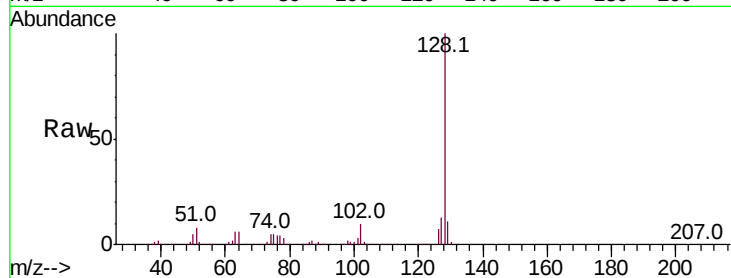




#31
Naphthalene
Concen: 47.994 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

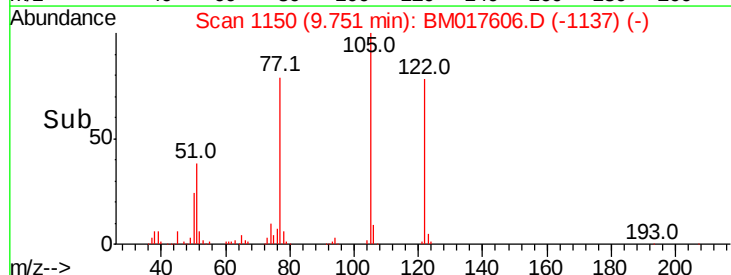
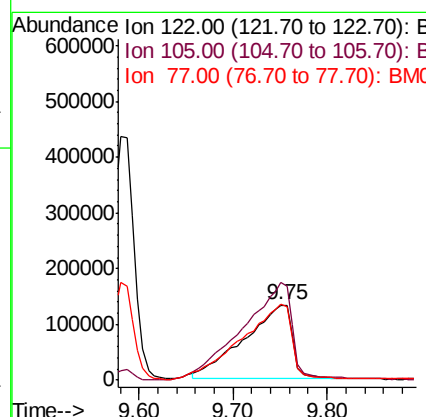
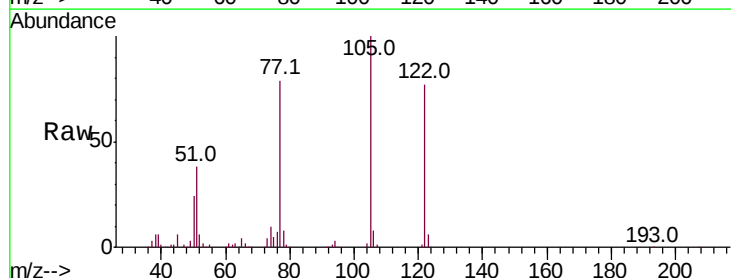
Instrument :
BNA_M
ClientSampleId :
PB114693BSD

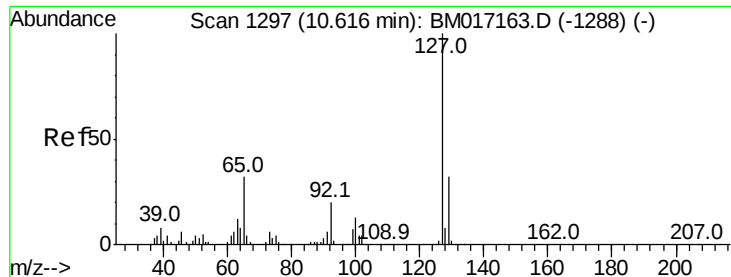
Tot Ion:128 Resp: 2251497
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 52.500 ng
RT: 9.75 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion:122 Resp: 468153
Ion Ratio Lower Upper
122 100
105 129.5 102.0 142.0
77 101.8 67.7 107.7

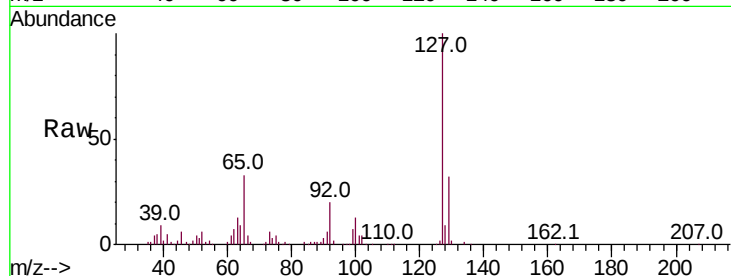




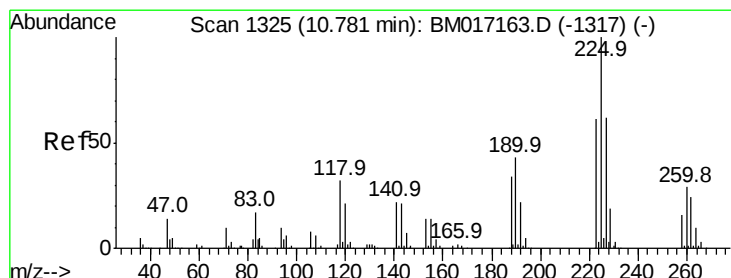
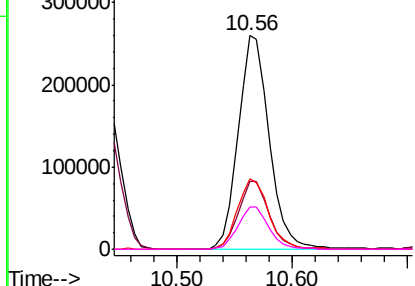
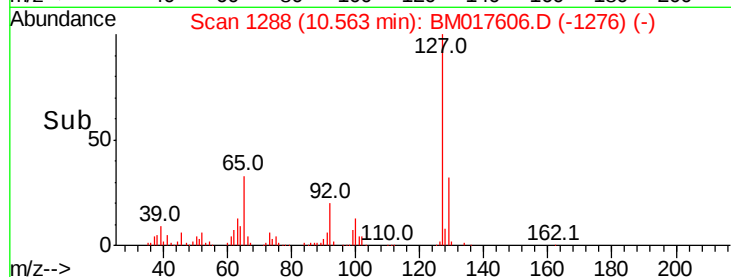
#33
4-Chloroaniline
Concen: 23.969 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Tot Ion:	127	Resp:	485629
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.4
65	32.7	23.7	35.5
92	19.6	14.3	21.5

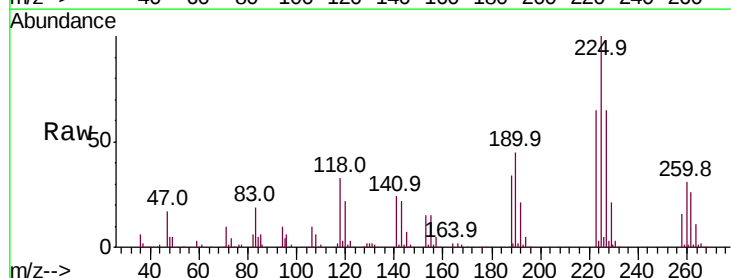


Abundance Ion 127.00 (126.70 to 127.70): E
400000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

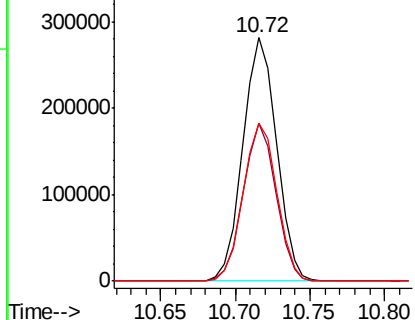
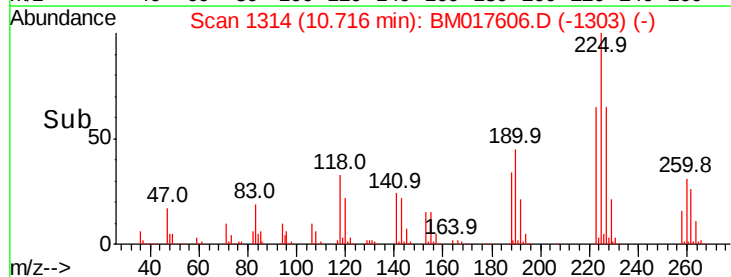


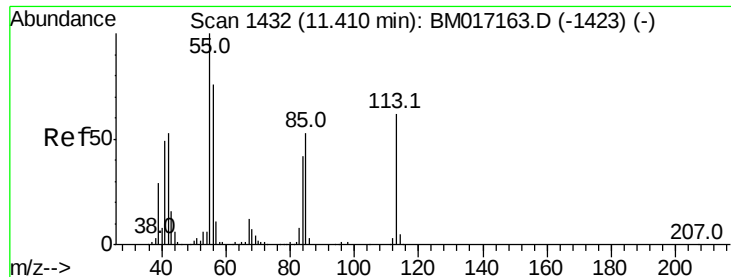
#34
Hexachlorobutadiene
Concen: 41.725 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion:	225	Resp:	440078
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.0	76.6
227	64.8	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
300000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.992 ng

RT: 11.36 min Scan# 1424

Delta R.T. -0.04 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

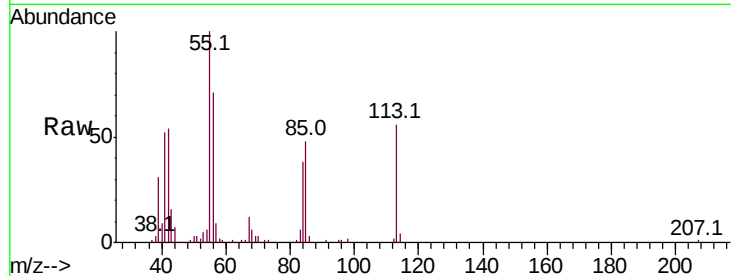
Tot Ion:113 Resp: 101100

Ion Ratio Lower Upper

113 100

55 178.8 147.0 187.0

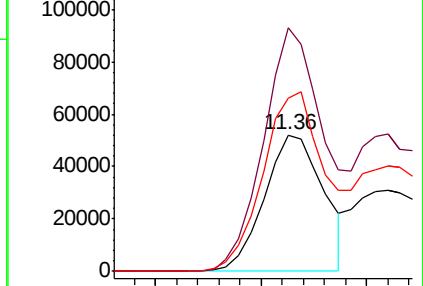
56 127.4 104.5 144.5



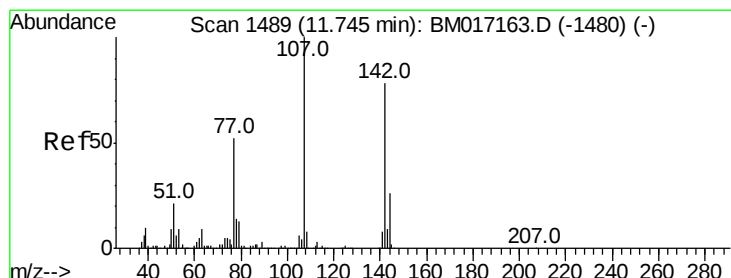
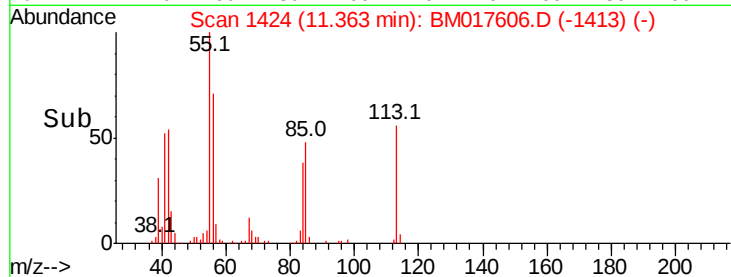
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 51.472 ng

RT: 11.69 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

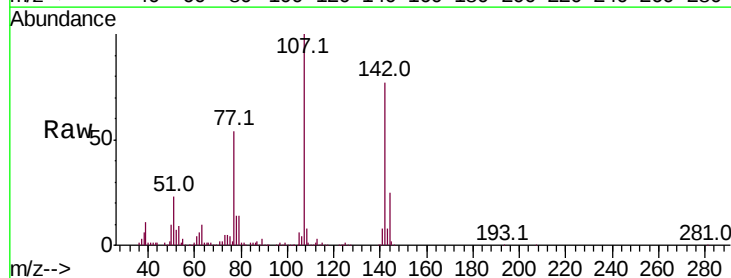
Tgt Ion:107 Resp: 805079

Ion Ratio Lower Upper

107 100

144 24.9 21.6 32.4

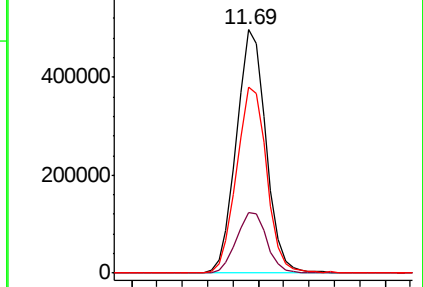
142 76.6 66.0 99.0



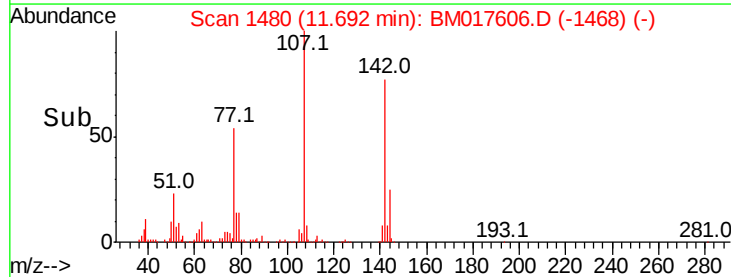
Abundance Ion 107.00 (106.70 to 107.70): E

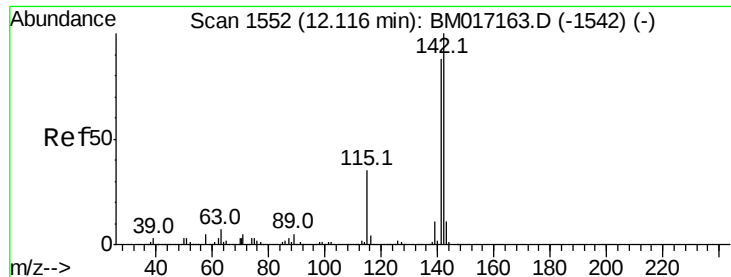
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->



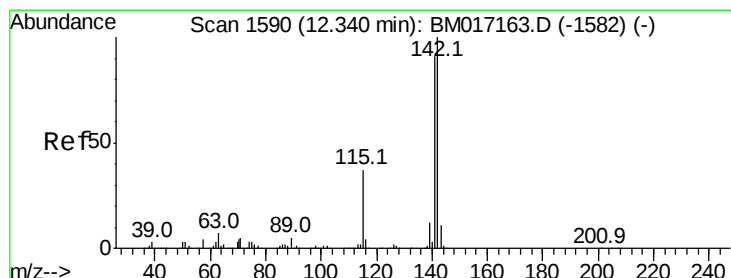
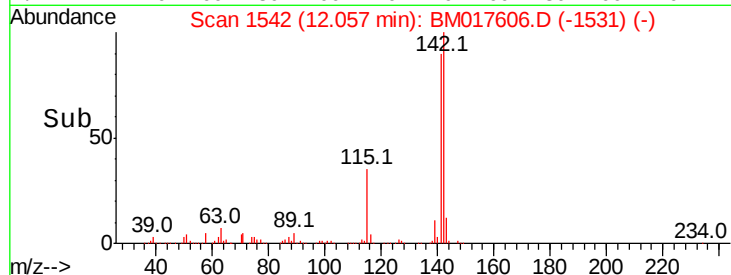
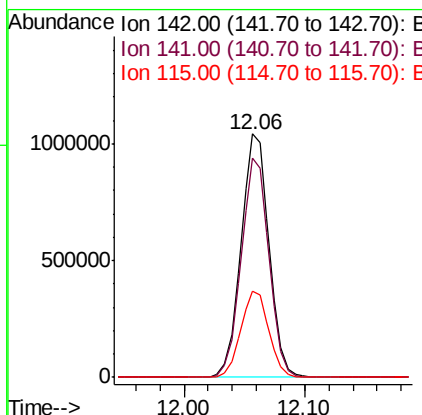
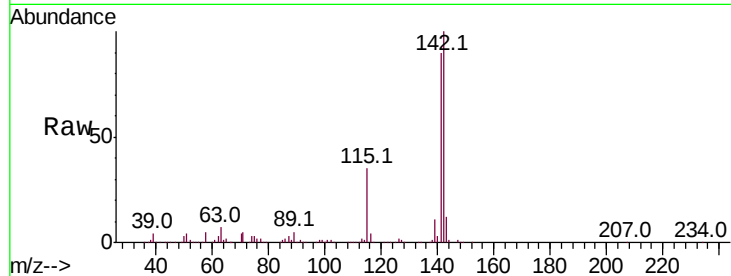


#37
 2-Methylnaphthalene
 Concen: 52.310 ng
 RT: 12.06 min Scan# 1542
 Delta R.T. -0.04 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BSD

Tot Ion:142 Resp: 1679255

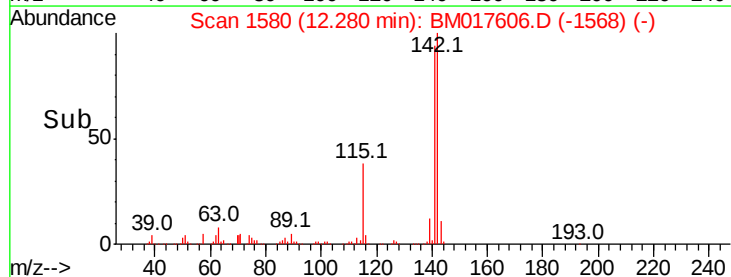
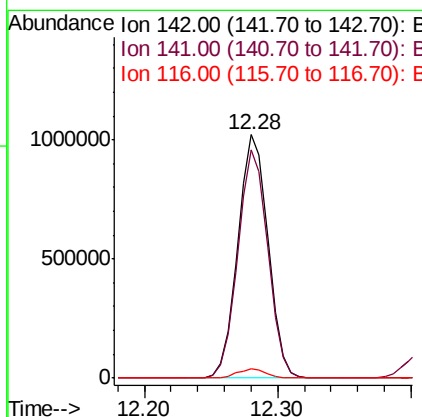
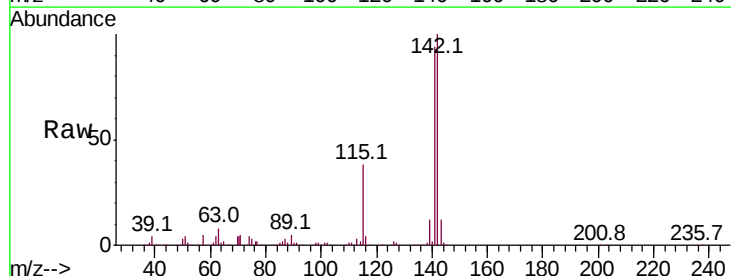
Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
115	35.2	26.4	39.6

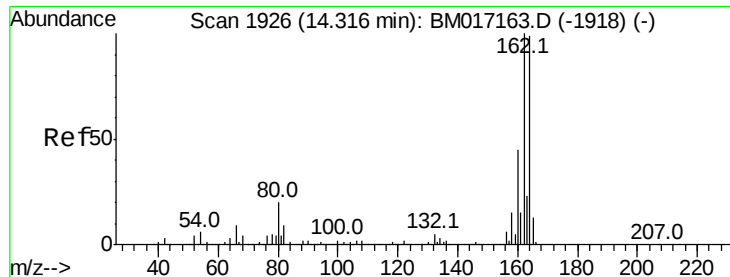


#38
 1-Methylnaphthalene
 Concen: 50.973 ng
 RT: 12.28 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Tgt Ion:142 Resp: 1592636

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.8	110.6
116	4.0	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

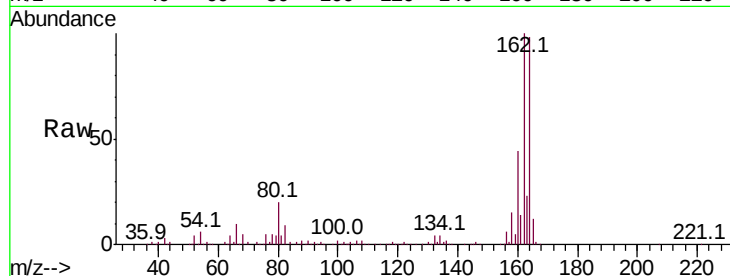
Tot Ion:164 Resp: 577454

Ion Ratio Lower Upper

164 100

162 101.9 82.1 123.1

160 44.8 40.2 60.2

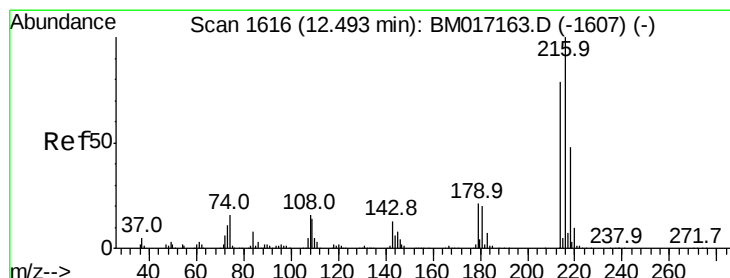
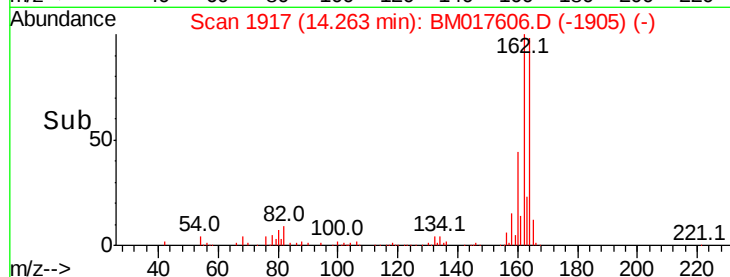
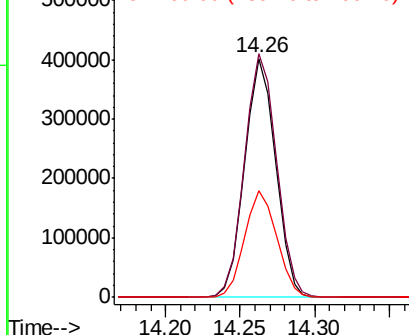


Abundance

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: 42.365 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Tgt Ion:216 Resp: 861533

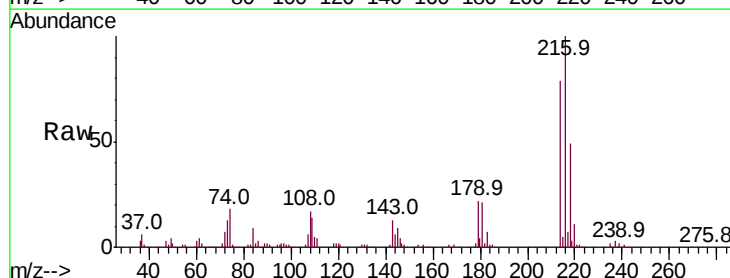
Ion Ratio Lower Upper

216 100

214 78.2 62.6 93.8

179 21.1 16.6 24.8

108 21.1 13.5 20.3#



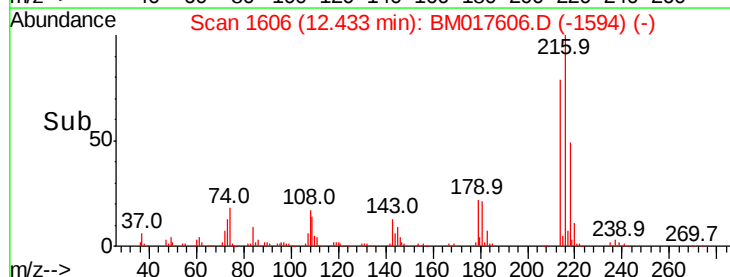
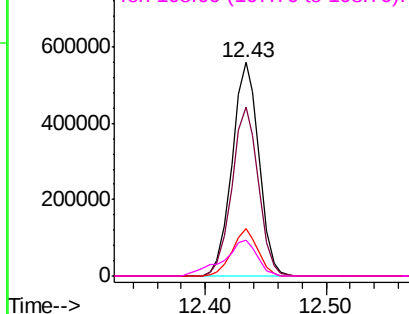
Abundance

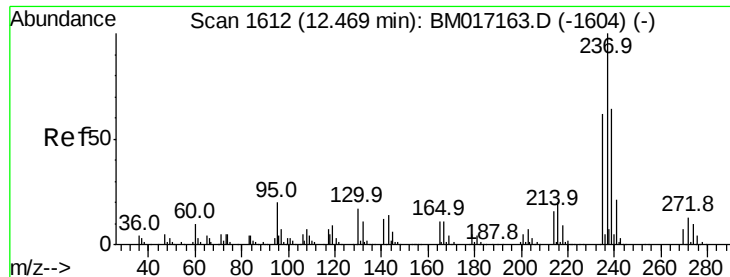
Ion 216.00 (215.70 to 216.70): E

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: 122.146 ng

RT: 12.40 min Scan# 1601

Delta R.T. -0.04 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

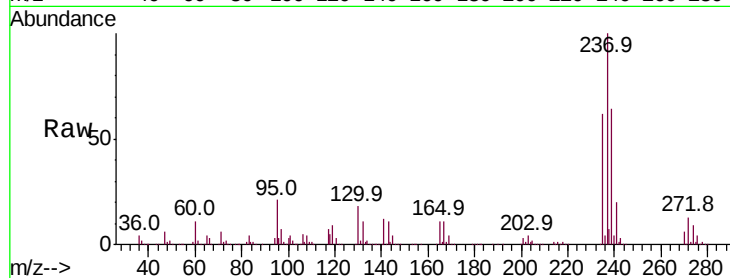
Tot Ion:237 Resp: 1200826

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.4	82.4
272	12.8	0.0	33.0

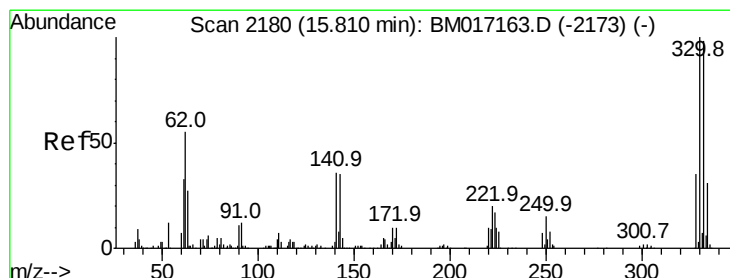
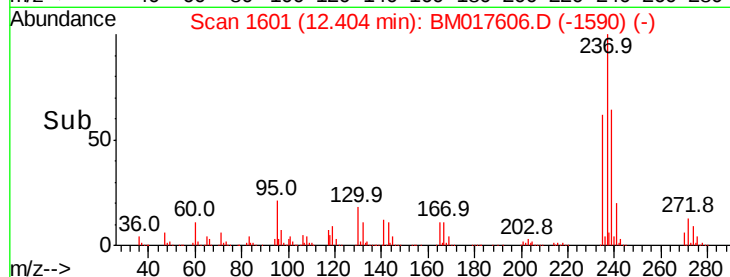
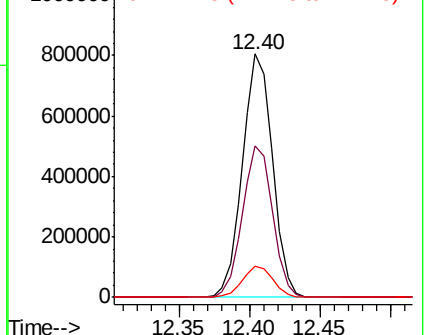
237 100

235 62.3 42.4 82.4

272 12.8 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: 149.751 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

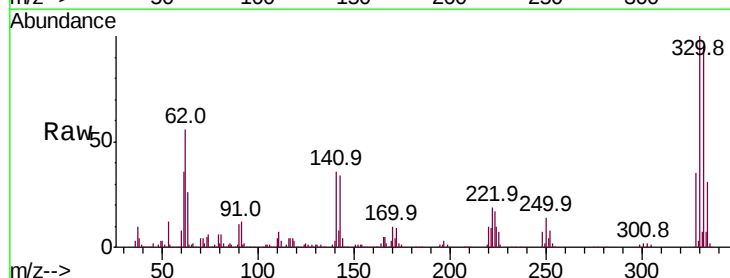
Tgt Ion:330 Resp: 1169442

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	34.2	27.4	41.0

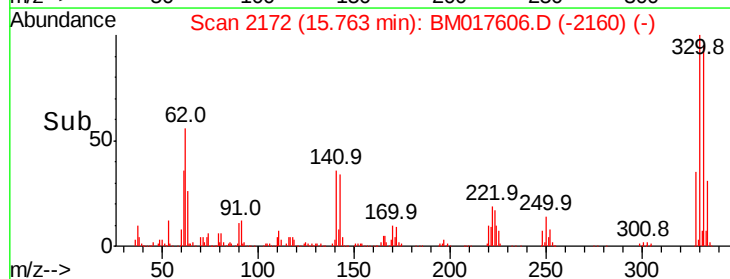
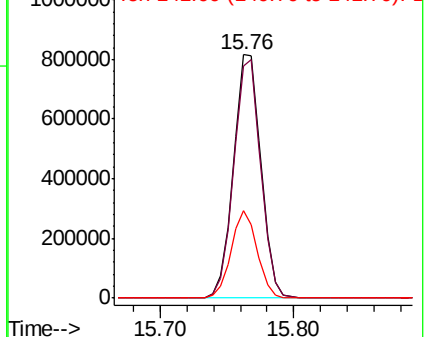
330 100

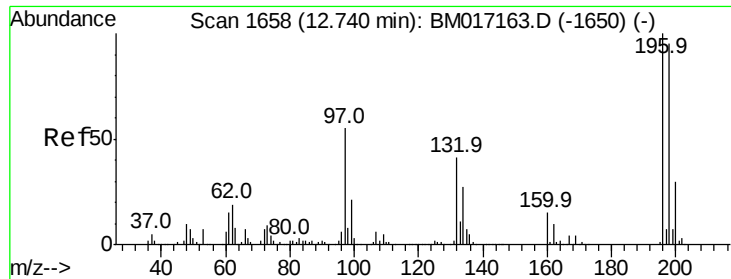
332 96.4 77.3 115.9

141 34.2 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

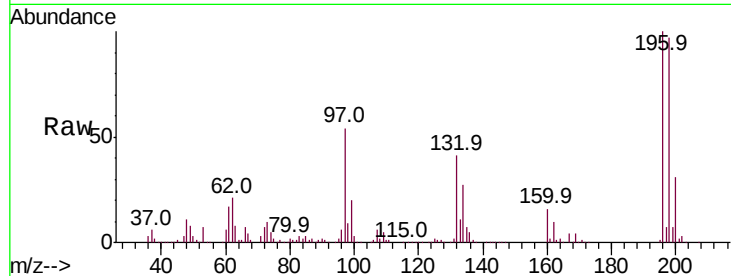




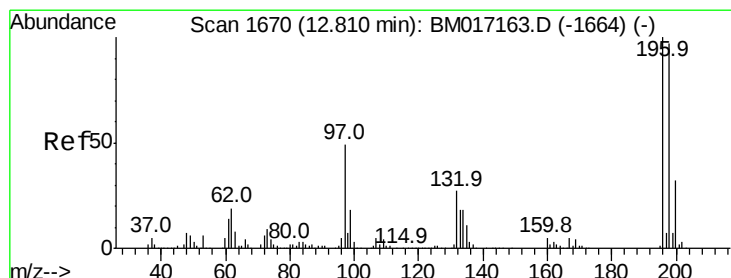
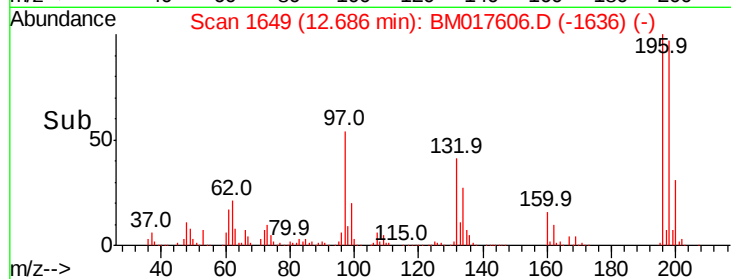
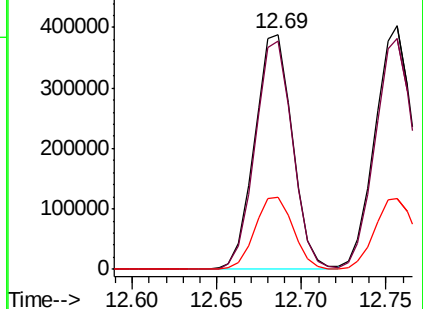
#43
 2,4,6-Trichlorophenol
 Concen: 51.144 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. -0.02 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BSD

Tot Ion:196 Resp: 603762
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.1 115.7
 200 30.8 25.0 37.4

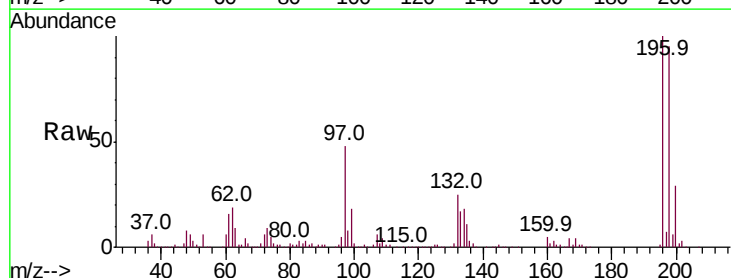


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

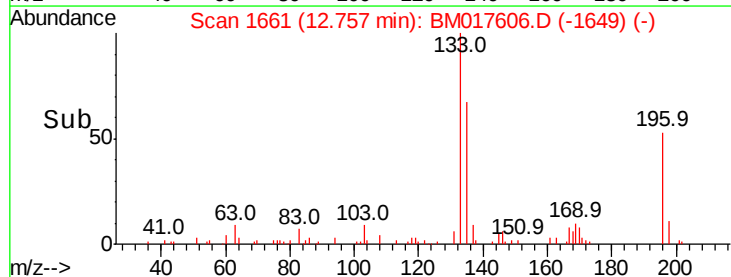
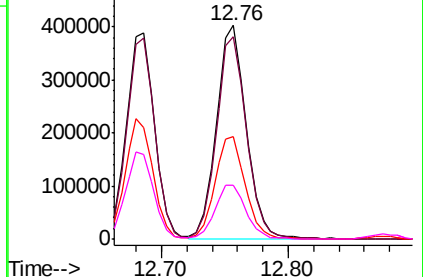


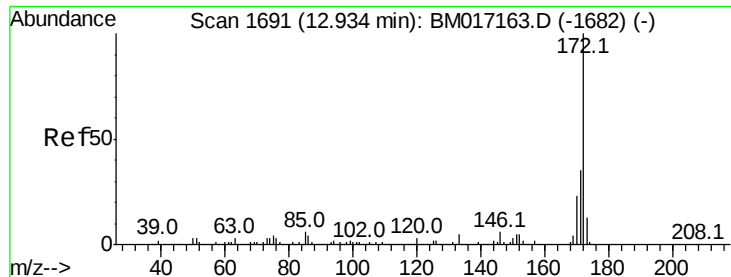
#44
 2,4,5-Trichlorophenol
 Concen: 51.418 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.03 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Tgt Ion:196 Resp: 650902
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 115.0
 97 48.1 35.5 53.3
 132 25.3 20.7 31.1



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

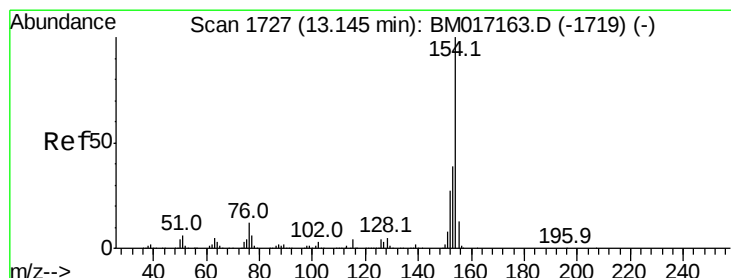
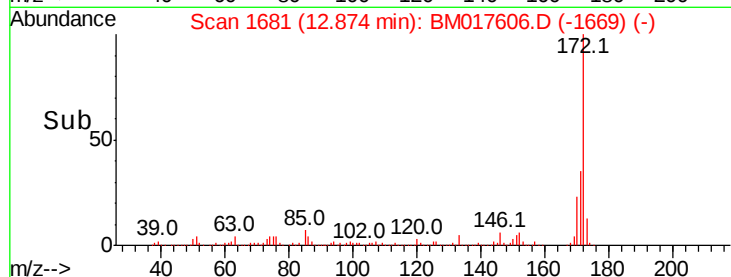
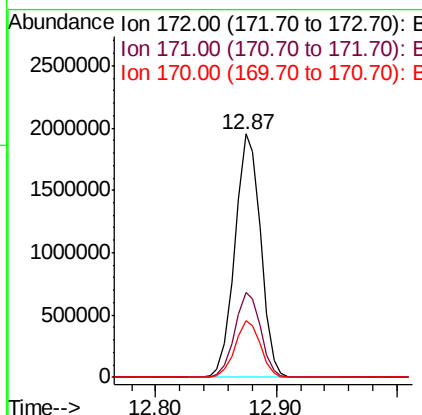
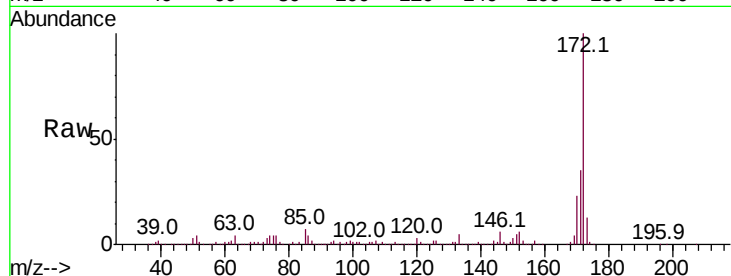




#45
2-Fluorobiphenyl
Concen: 66.708 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

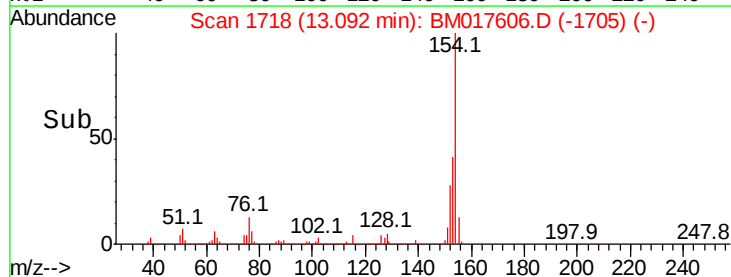
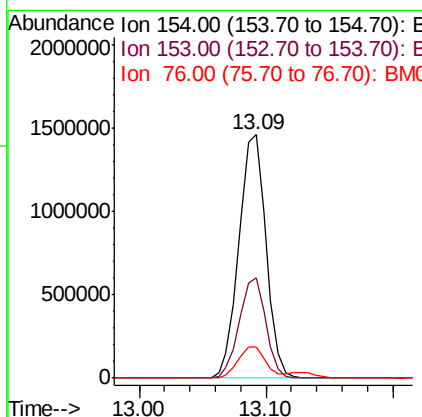
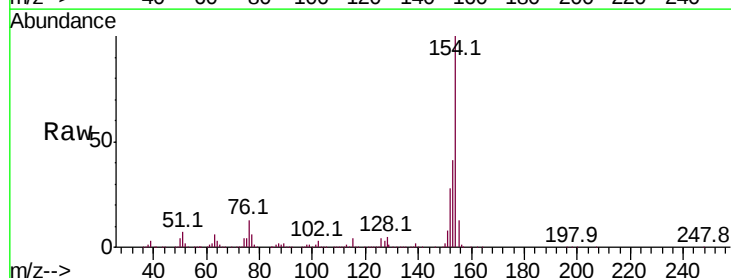
Instrument :
BNA_M
ClientSampleId :
PB114693BSD

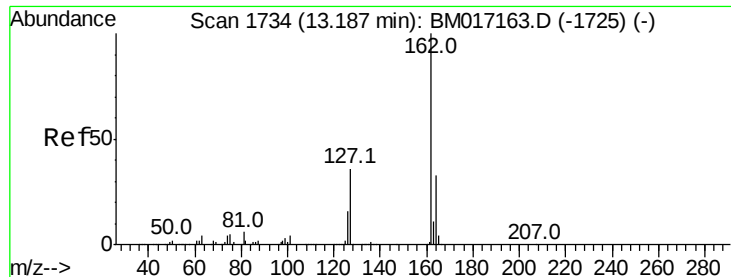
Tot Ion:172 Resp: 2895118
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.1 18.3 27.5



#46
1,1'-Biphenyl
Concen: 41.493 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion:154 Resp: 2156161
Ion Ratio Lower Upper
154 100
153 41.2 20.5 60.5
76 12.9 0.0 31.8



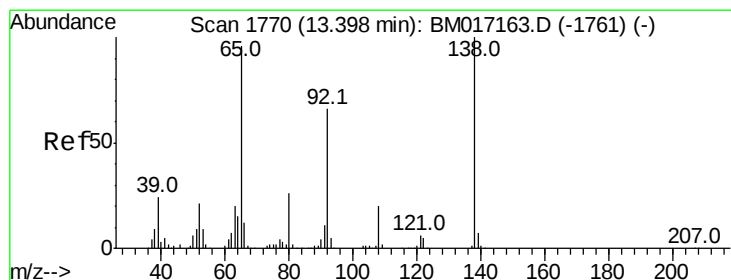
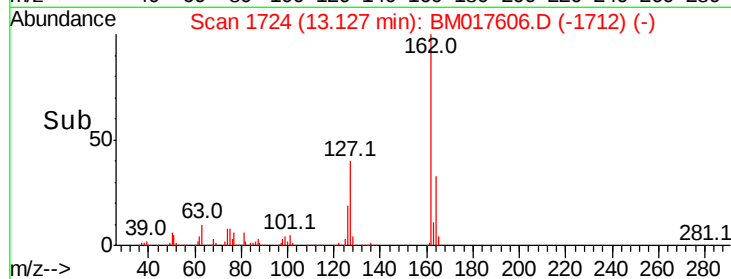
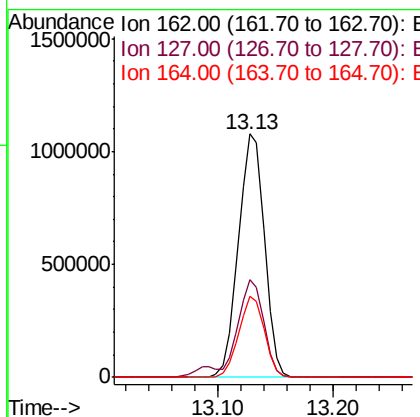
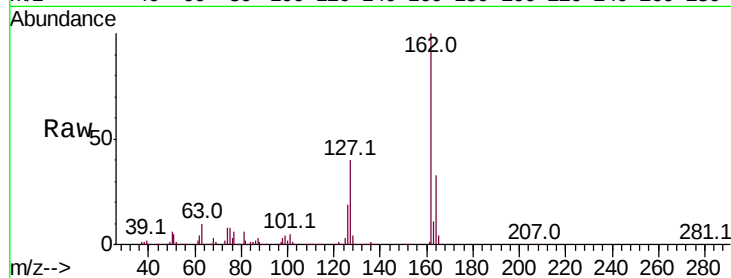


#47
 2-Chloronaphthalene
 Concen: 44.058 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.03 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BSD

Tot Ion:162 Resp: 1684275

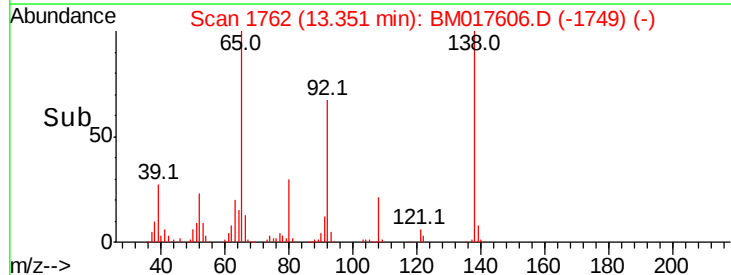
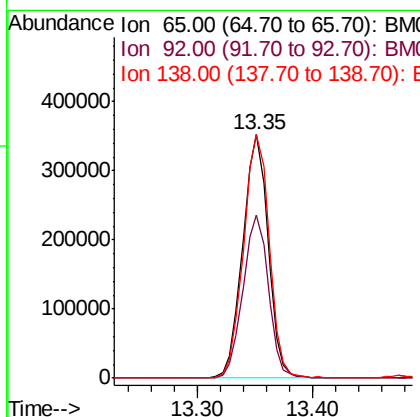
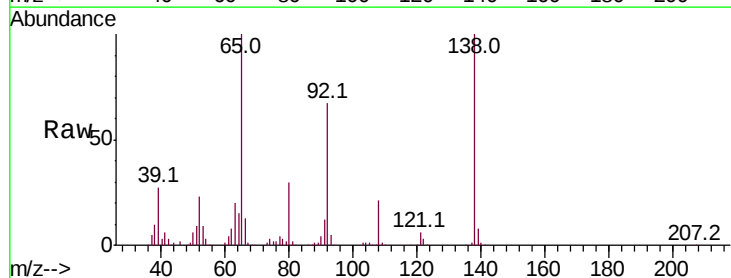
Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.0	46.4
164	33.4	26.6	39.8

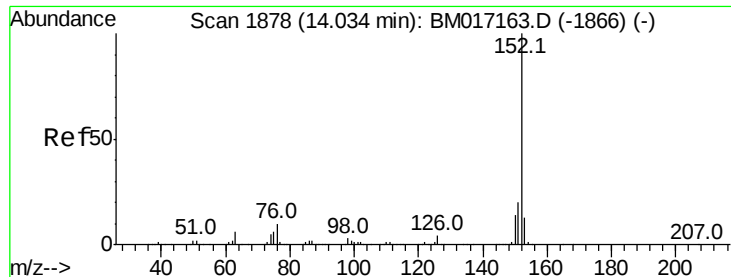


#48
 2-Nitroaniline
 Concen: 49.821 ng
 RT: 13.35 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Tgt Ion: 65 Resp: 540732

Ion	Ratio	Lower	Upper
65	100		
92	66.9	54.9	82.3
138	100.0	83.7	125.5





#49

Acenaphthylene

Concen: 50.298 ng

RT: 13.99 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

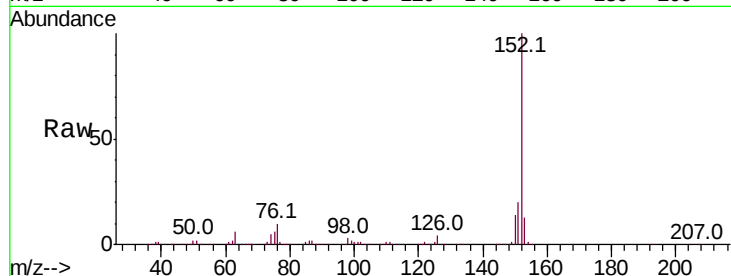
Tot Ion:152 Resp: 2787134

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

2500000 Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

2000000

1500000

1000000

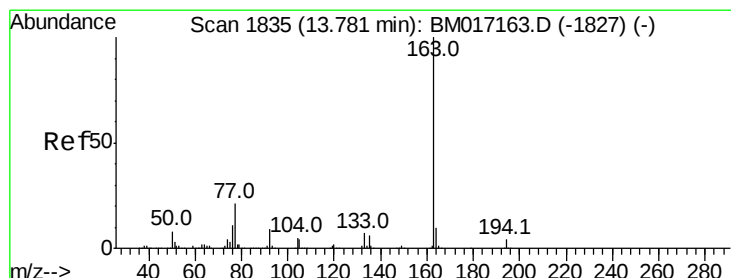
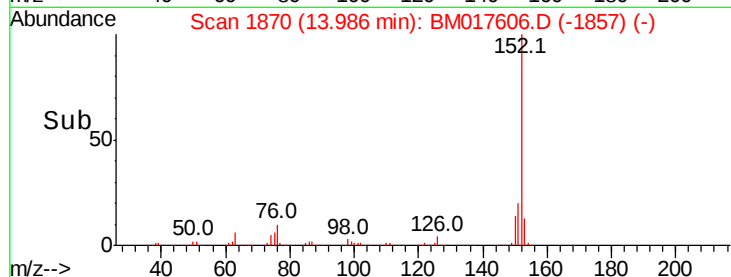
500000

0

13.99

13.90 14.00

Time-->



#50

Dimethylphthalate

Concen: 47.881 ng

RT: 13.73 min Scan# 1827

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

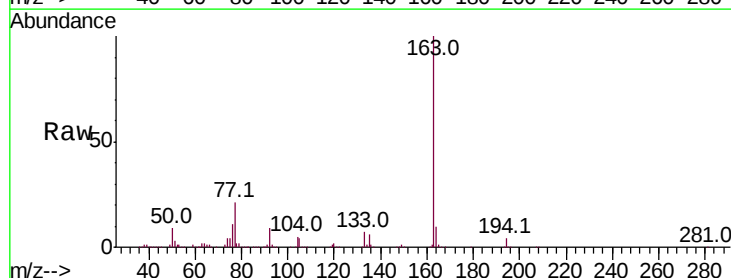
Tgt Ion:163 Resp: 2133145

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

2000000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

1500000

1000000

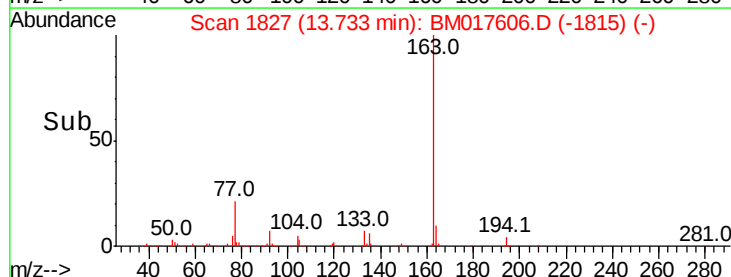
500000

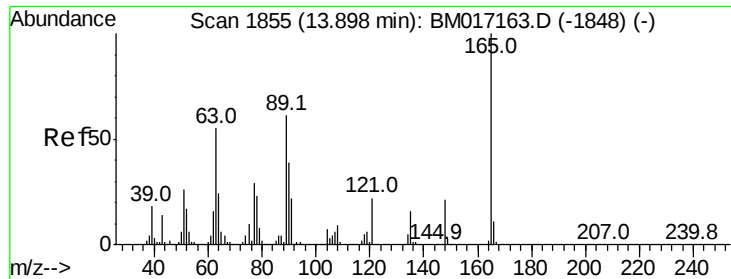
0

13.73

13.70 13.80

Time-->

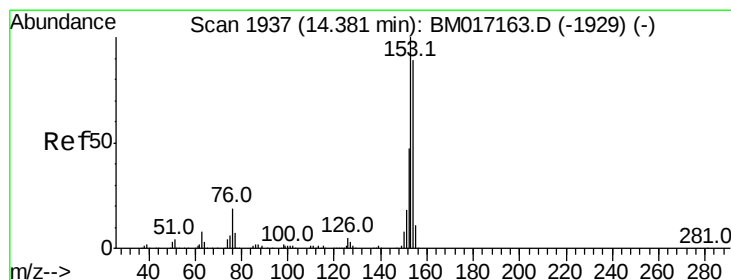
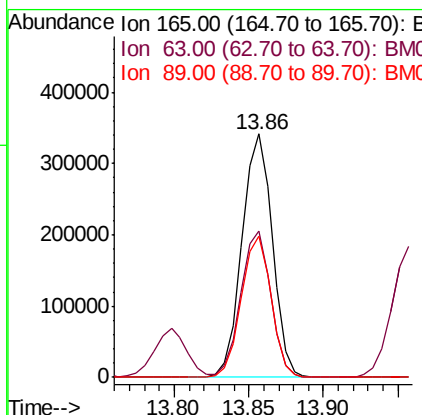
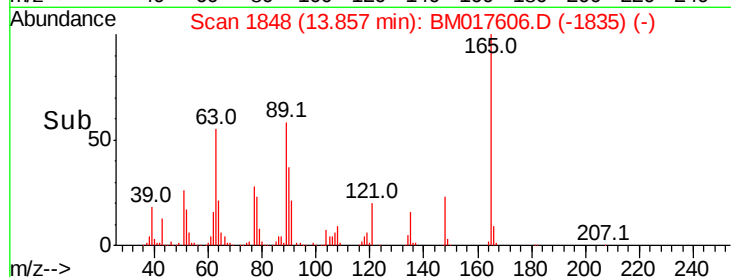
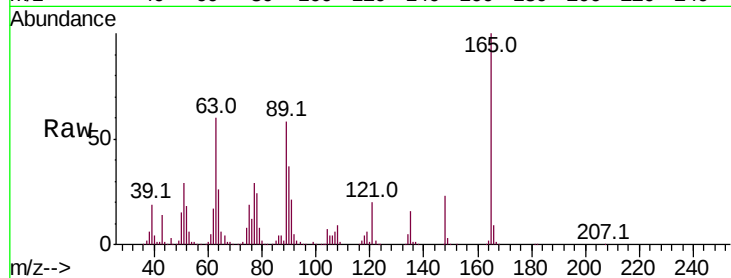




#51
2,6-Dinitrotoluene
Concen: 48.928 ng
RT: 13.86 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

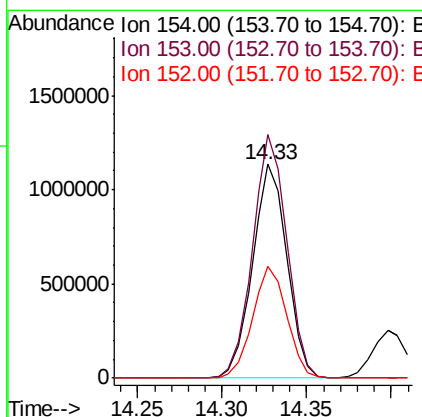
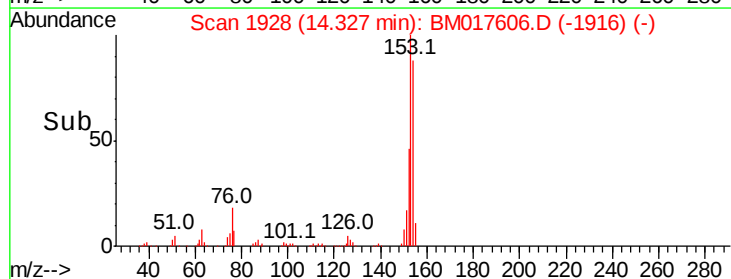
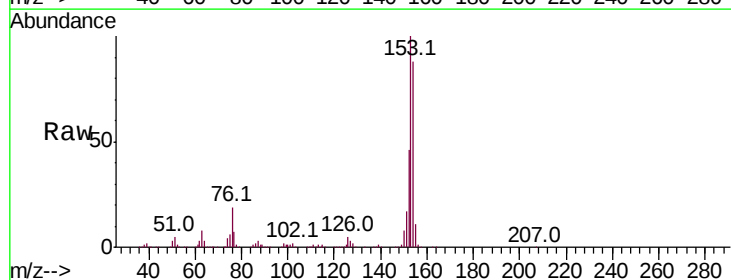
Instrument :
BNA_M
ClientSampleId :
PB114693BSD

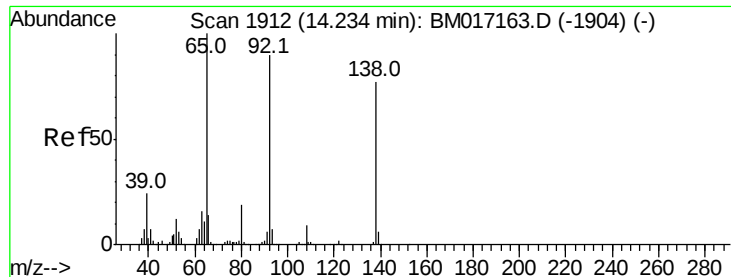
Tot Ion:165 Resp: 479763
Ion Ratio Lower Upper
165 100
63 60.0 42.7 64.1
89 58.1 42.1 63.1



#52
Acenaphthene
Concen: 46.017 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion:154 Resp: 1601045
Ion Ratio Lower Upper
154 100
153 113.9 90.2 135.2
152 52.5 44.2 66.4

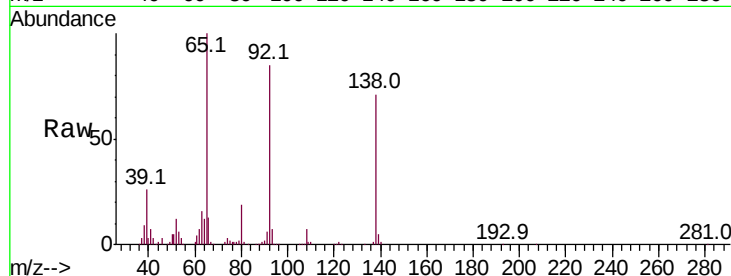




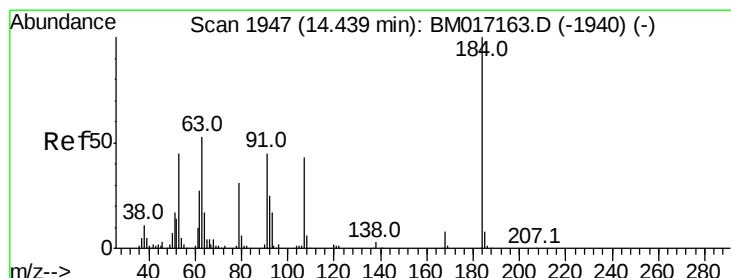
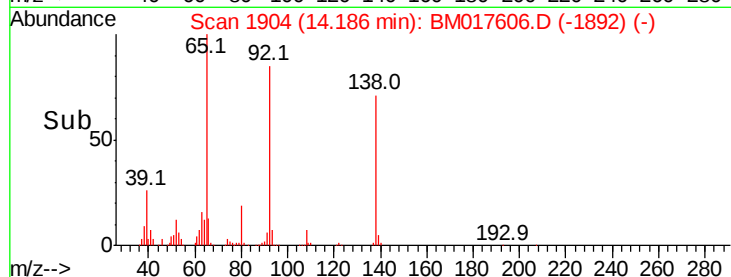
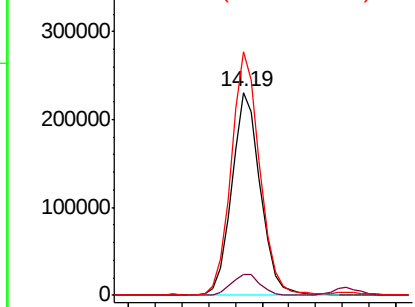
#53
3-Nitroaniline
Concen: 32.482 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Tot Ion:138 Resp: 344949
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 119.9 87.9 131.9

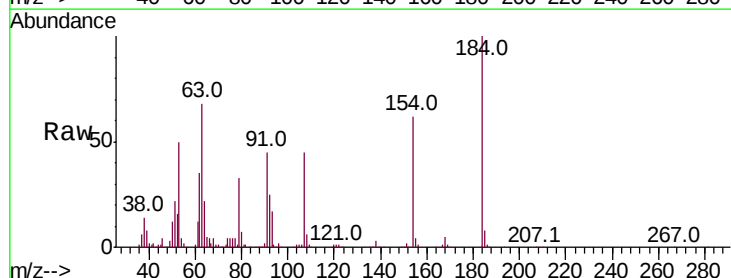


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

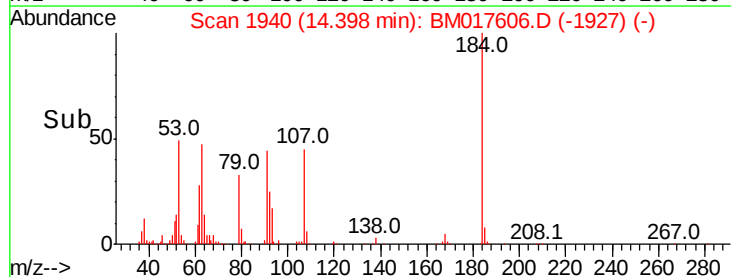
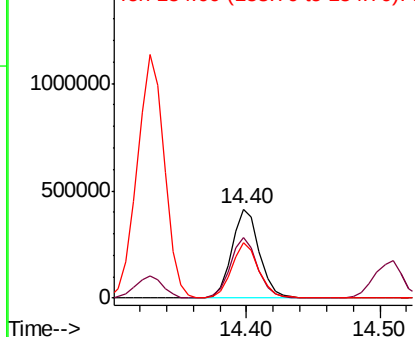


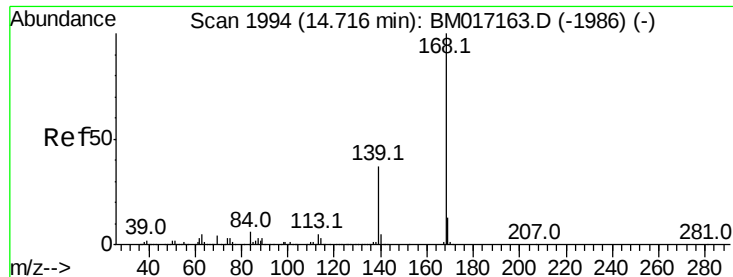
#54
2,4-Dinitrophenol
Concen: 101.136 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion:184 Resp: 595713
Ion Ratio Lower Upper
184 100
63 67.9 51.2 76.8
154 61.7 47.8 71.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.068 ng

RT: 14.67 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

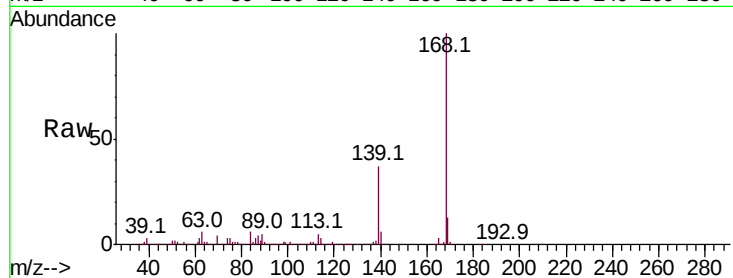
Tot Ion:168 Resp: 2607540

Ion Ratio Lower Upper

168 100

139 37.2 29.3 43.9

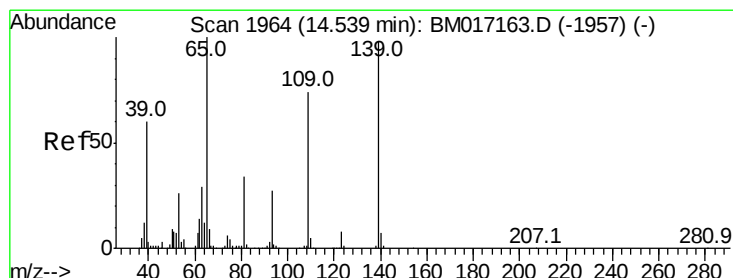
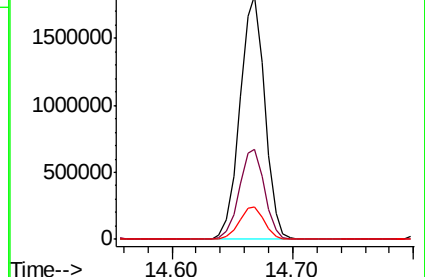
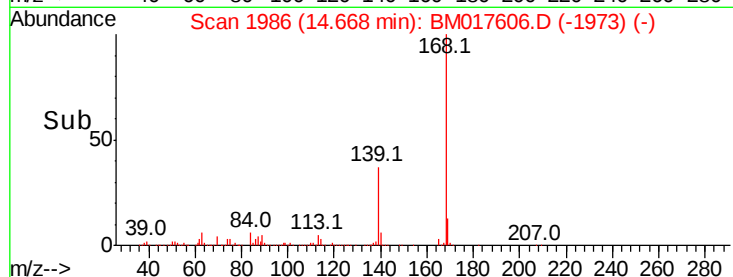
169 13.1 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.327 ng

RT: 14.51 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

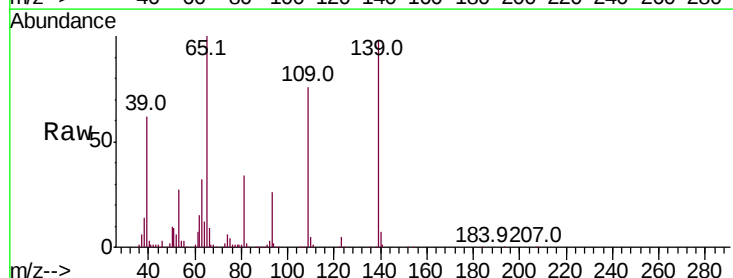
Tgt Ion:139 Resp: 829093

Ion Ratio Lower Upper

139 100

109 77.5 51.8 91.8

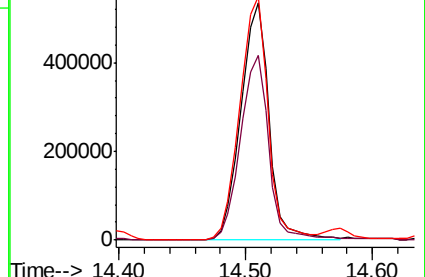
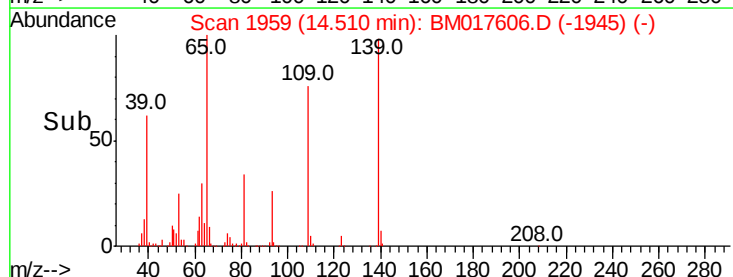
65 102.5 72.1 112.1

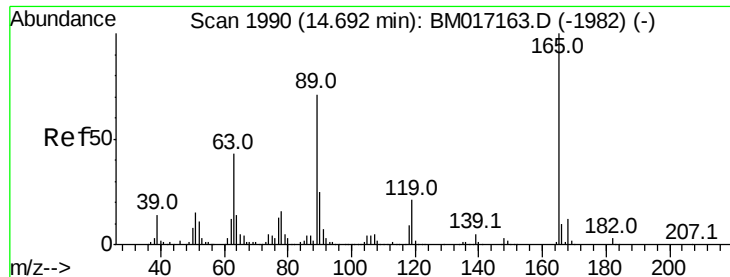


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

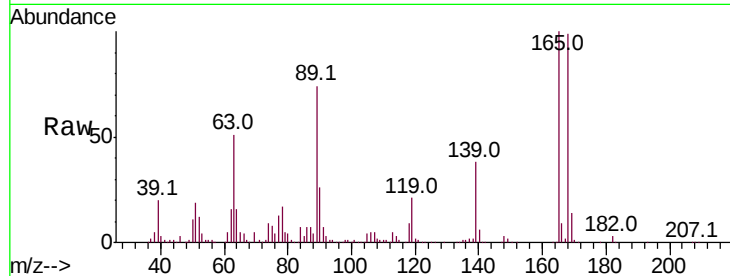




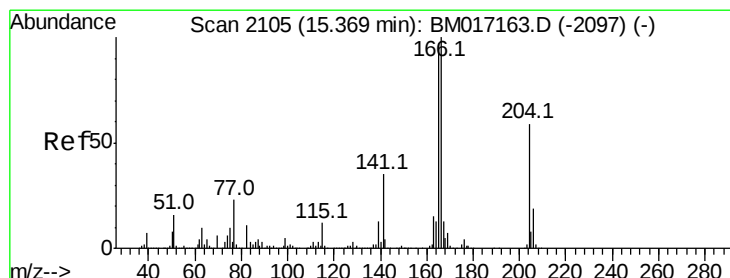
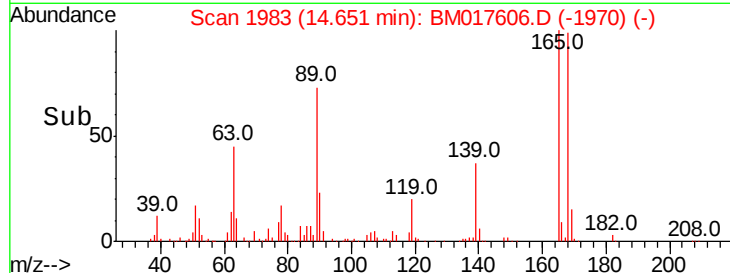
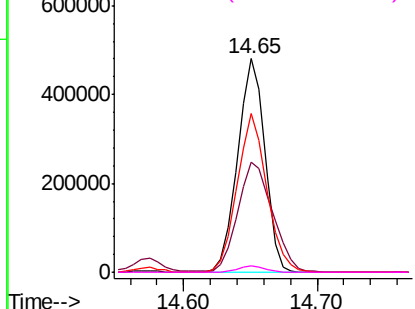
#57
 2,4-Dinitrotoluene
 Concen: 51.422 ng
 RT: 14.65 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BSD

Tot Ion:165 Resp: 677691
 Ion Ratio Lower Upper
 165 100
 63 51.4 33.8 50.8#
 89 74.5 53.1 79.7
 182 2.9 2.0 3.0

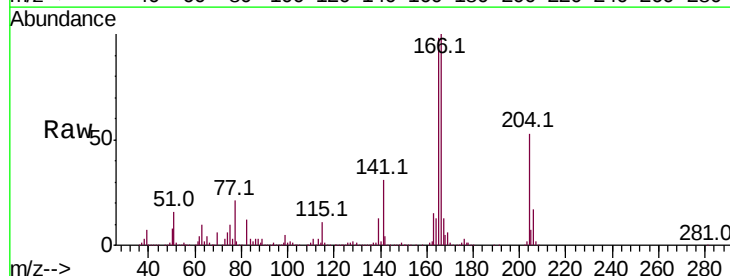


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

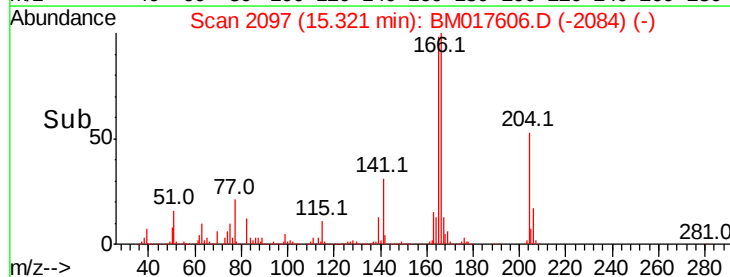
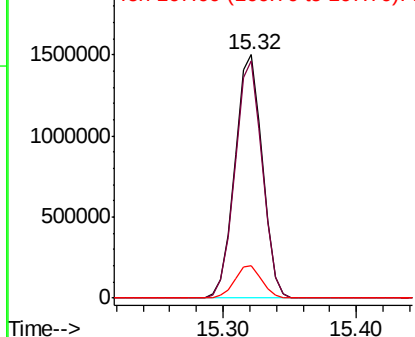


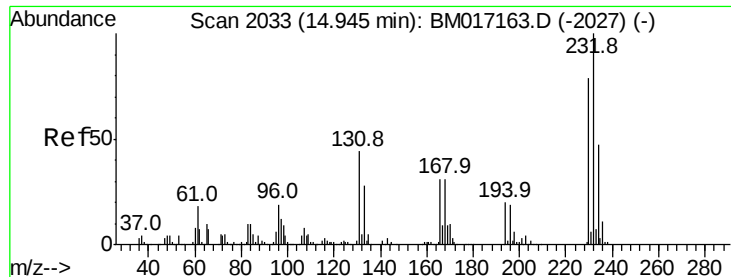
#58
 Fluorene
 Concen: 50.058 ng
 RT: 15.32 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Tgt Ion:166 Resp: 2143751
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.1 117.1
 167 13.4 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

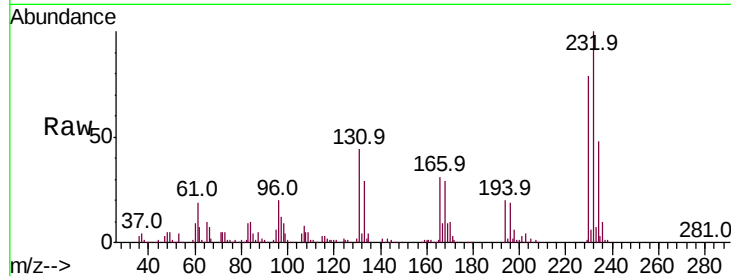




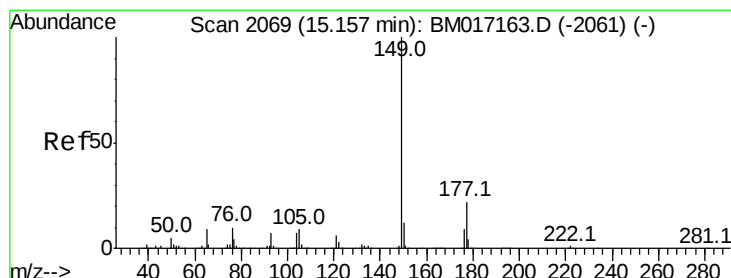
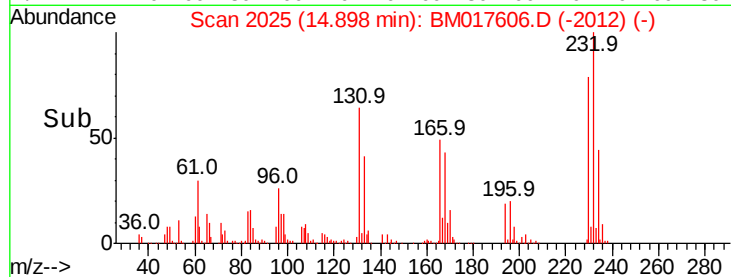
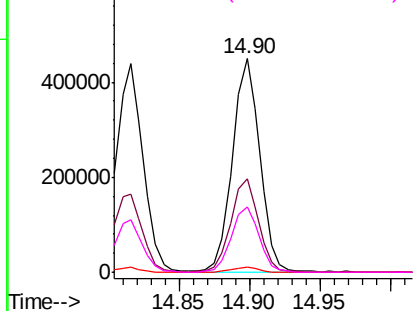
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.293 ng
RT: 14.90 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Tot Ion:232 Resp: 603407
Ion Ratio Lower Upper
232 100
131 44.6 33.1 49.7
130 2.3 1.7 2.5
166 31.0 24.4 36.6

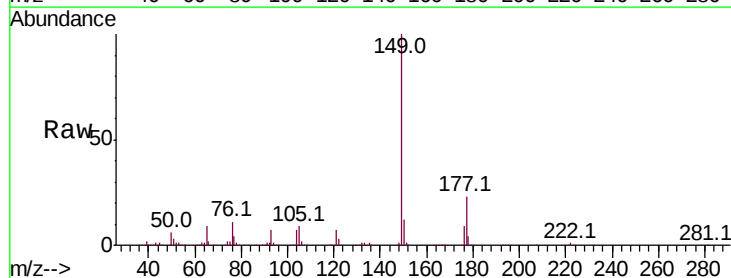


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

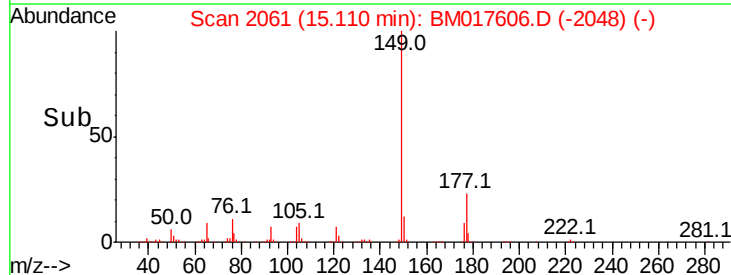
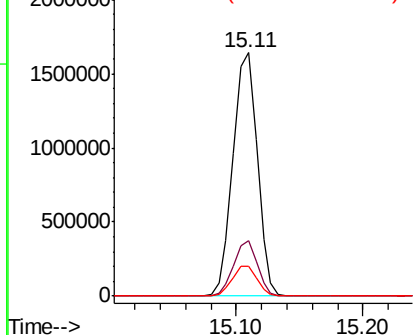


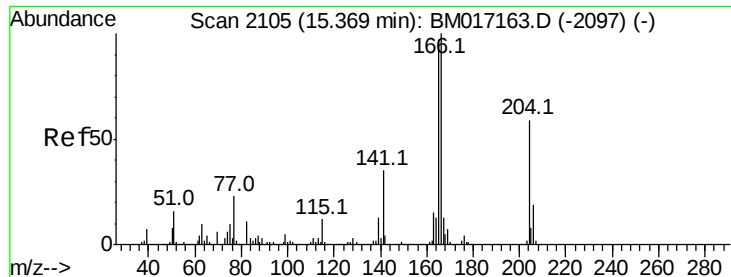
#60
Diethylphthalate
Concen: 49.430 ng
RT: 15.11 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion:149 Resp: 2183893
Ion Ratio Lower Upper
149 100
177 22.8 17.7 26.5
150 12.4 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

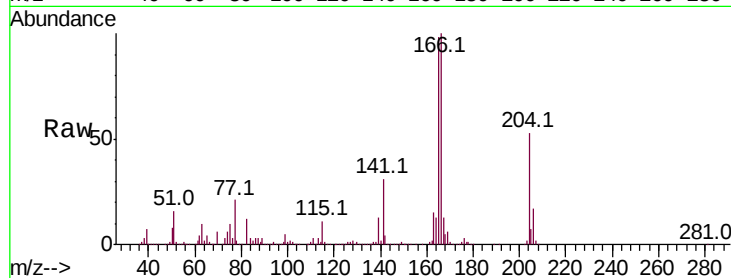




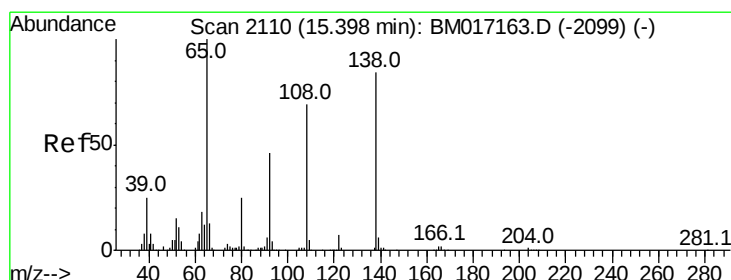
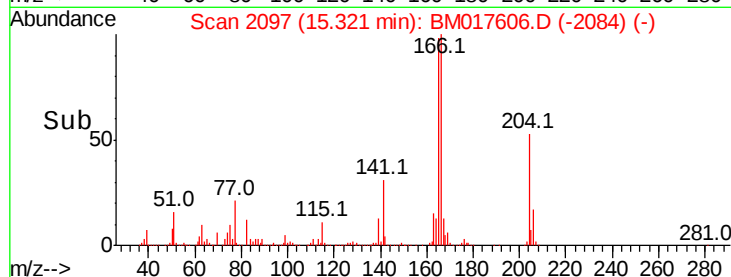
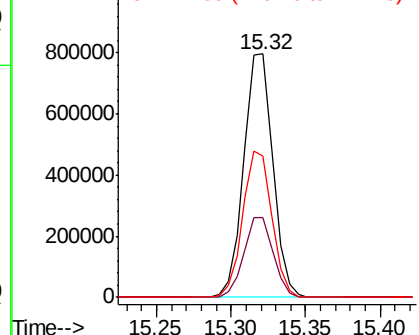
#61
4-Chlorophenyl-phenylether
Concen: 44.291 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Tot Ion:204 Resp: 1081346
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 58.0 45.4 68.2

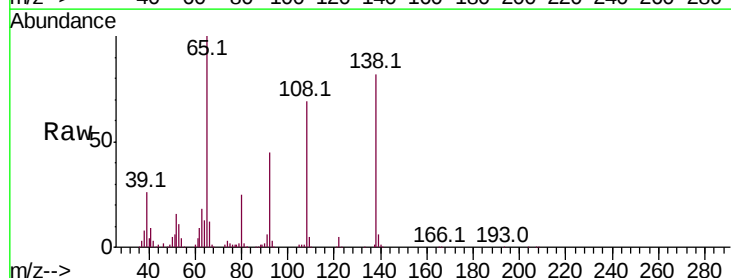


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

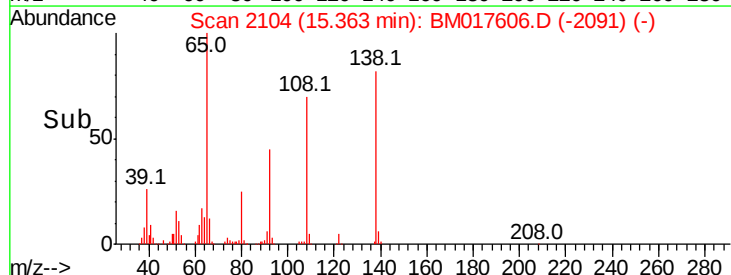
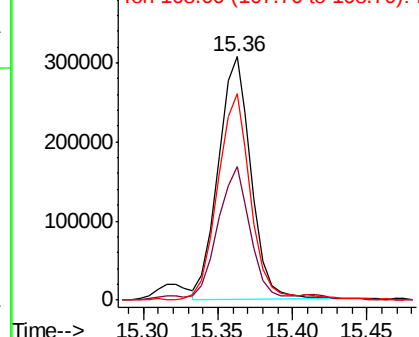


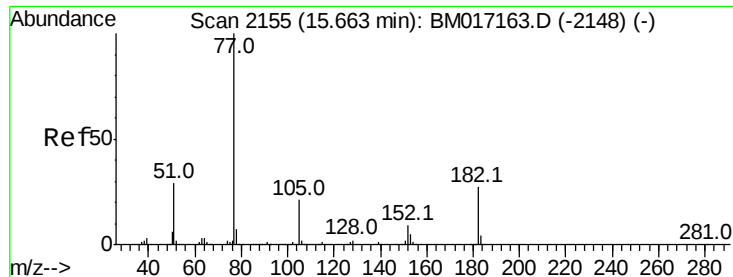
#62
4-Nitroaniline
Concen: 40.418 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion:138 Resp: 469143
Ion Ratio Lower Upper
138 100
92 55.0 31.2 71.2
108 84.8 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

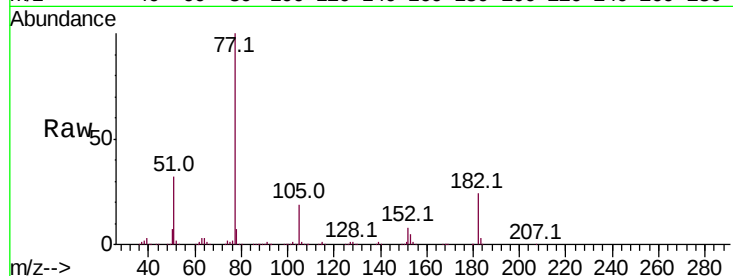




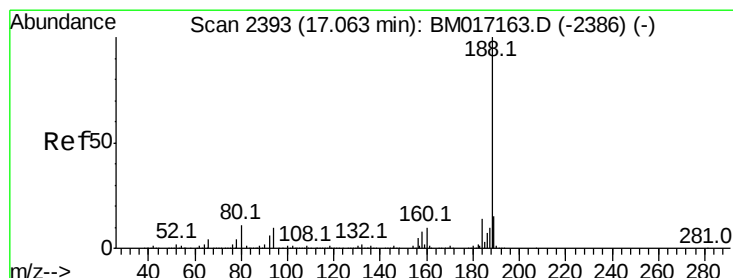
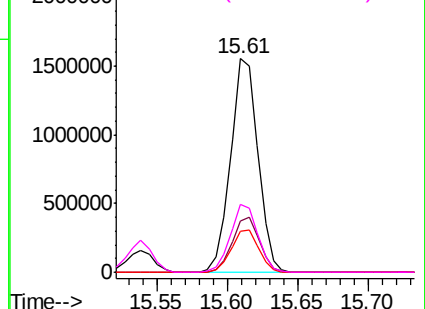
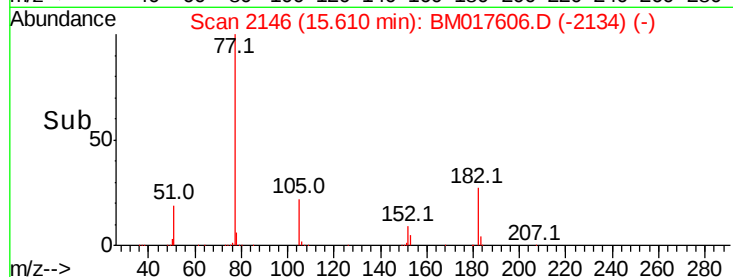
#63
Azobenzene
Concen: 48.827 ng
RT: 15.61 min Scan# 2146
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Instrument :
BNA_M
ClientSampleId :
PB114693BSD

Tot Ion: 77 Resp: 2096818
Ion Ratio Lower Upper
77 100
182 24.0 8.3 48.3
105 19.4 1.5 41.5
51 31.7 8.8 48.8

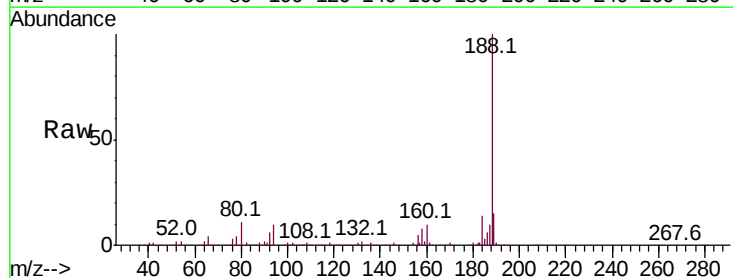


Abundance Ion 77.00 (76.70 to 77.70): BM017606.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017606.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017606.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017606.D (-2148) (-)

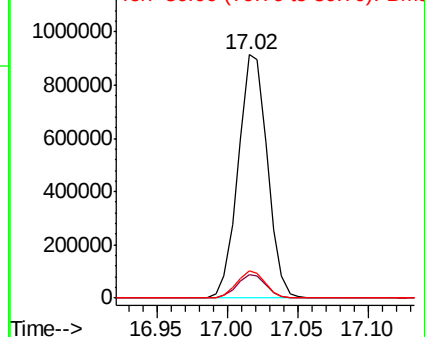
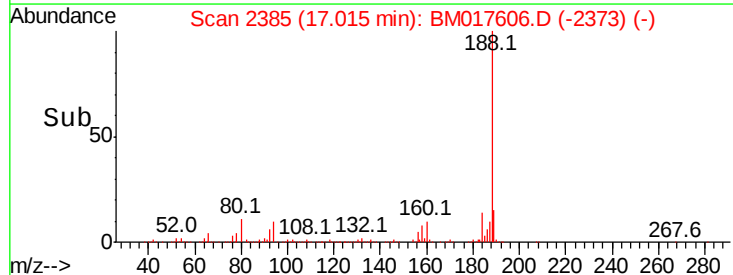


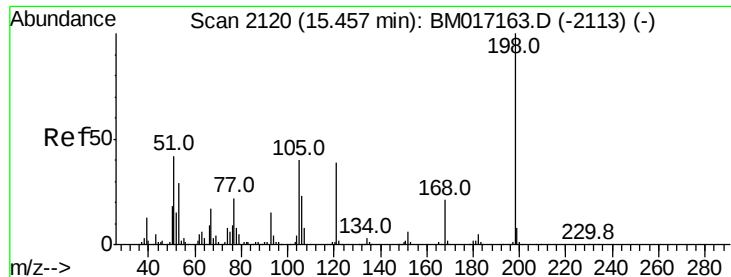
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion: 188 Resp: 1317898
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 11.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017606.D (-2373) (-)
Ion 94.00 (93.70 to 94.70): BM017606.D (-2373) (-)
Ion 80.00 (79.70 to 80.70): BM017606.D (-2373) (-)

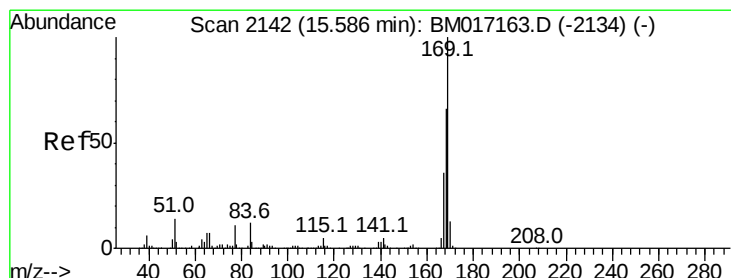
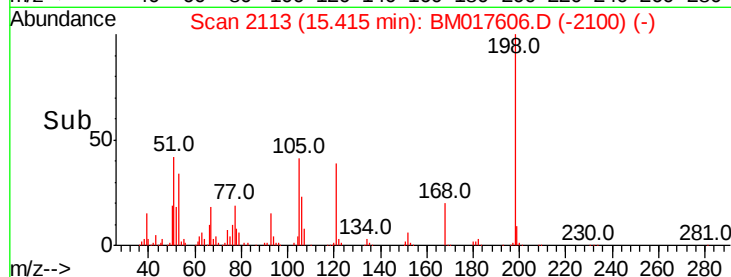
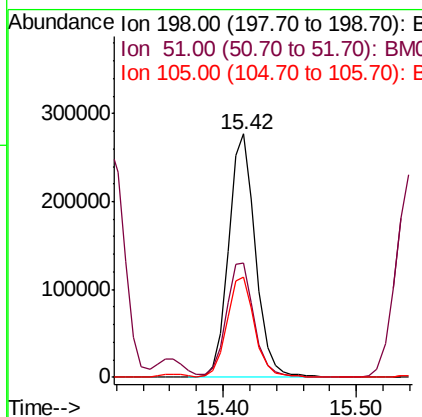
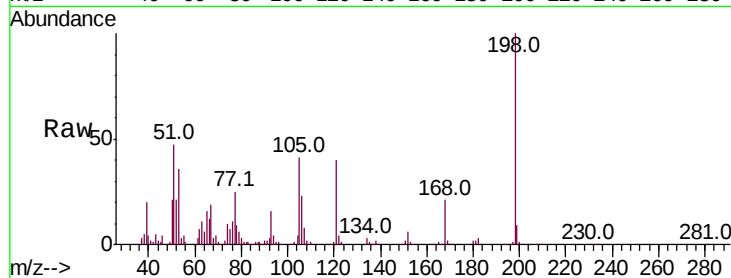




#65
4,6-Dinitro-2-methylphenol
Concen: 46.404 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

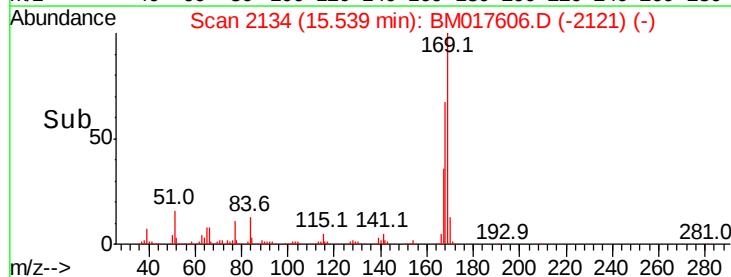
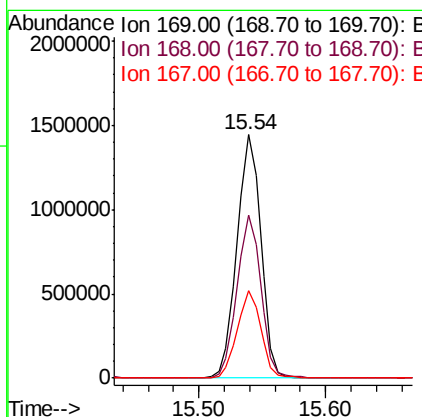
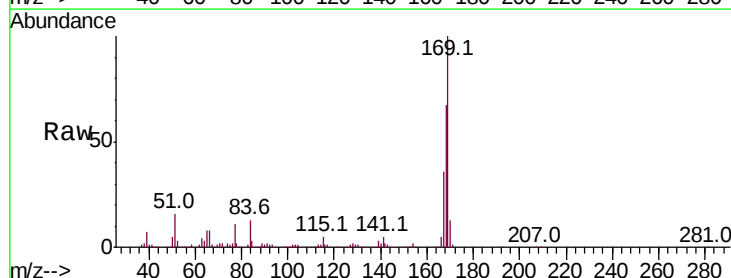
Instrument :
BNA_M
ClientSampleId :
PB114693BSD

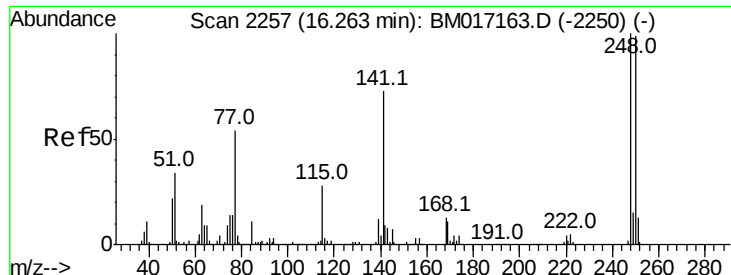
Tot Ion:198 Resp: 390403
Ion Ratio Lower Upper
198 100
51 46.9 20.3 60.3
105 41.2 21.9 61.9



#66
n-Nitrosodiphenylamine
Concen: 47.204 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion:169 Resp: 1882159
Ion Ratio Lower Upper
169 100
168 66.7 52.2 78.4
167 35.8 28.4 42.6

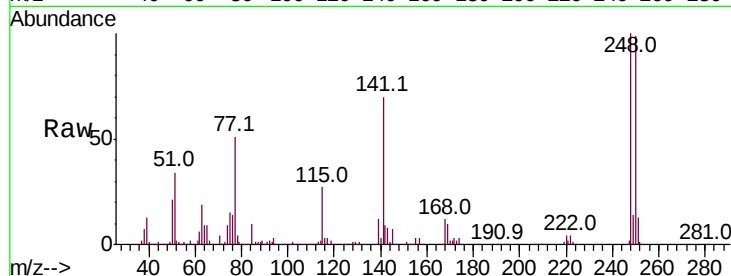




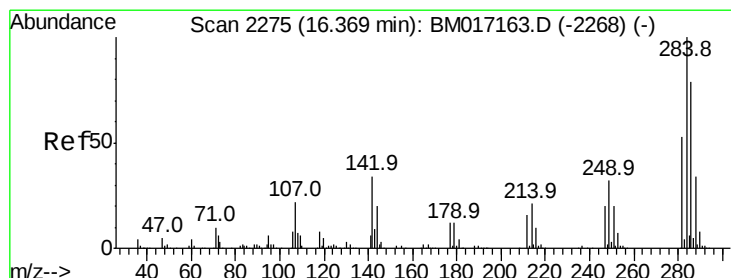
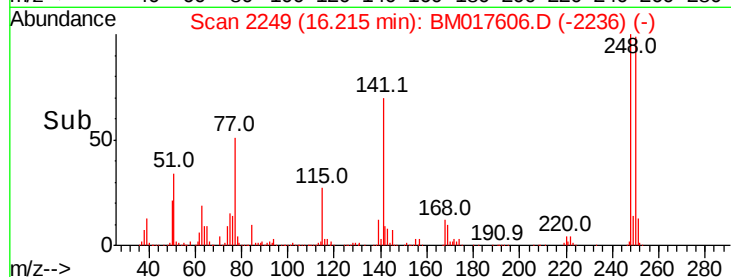
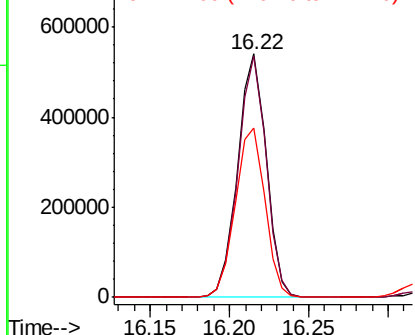
#67
 4-Bromophenyl-phenylether
 Concen: 46.819 ng
 RT: 16.22 min Scan# 2249
 Delta R.T. -0.02 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BSD

Tot Ion:248 Resp: 677494
 Ion Ratio Lower Upper
 248 100
 250 99.2 75.1 112.7
 141 69.5 55.6 83.4

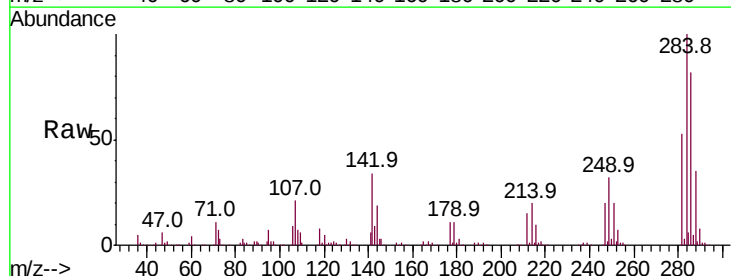


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

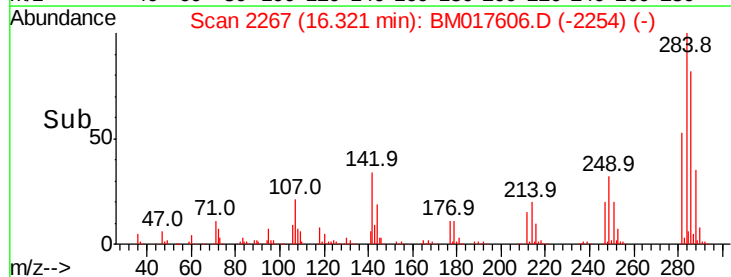
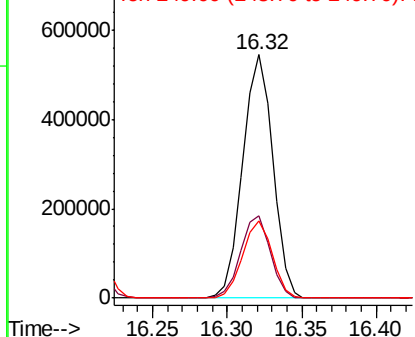


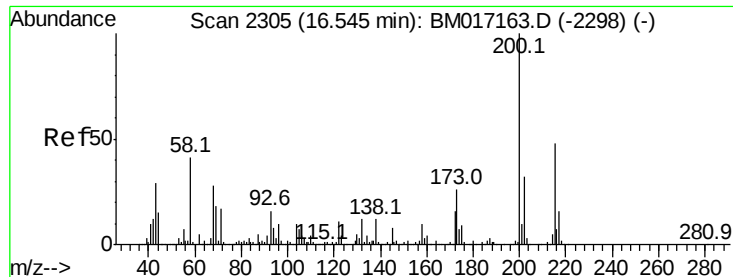
#68
 Hexachlorobenzene
 Concen: 45.184 ng
 RT: 16.32 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Tgt Ion:284 Resp: 759494
 Ion Ratio Lower Upper
 284 100
 142 33.6 25.0 37.6
 249 31.8 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: 48.338 ng

RT: 16.50 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

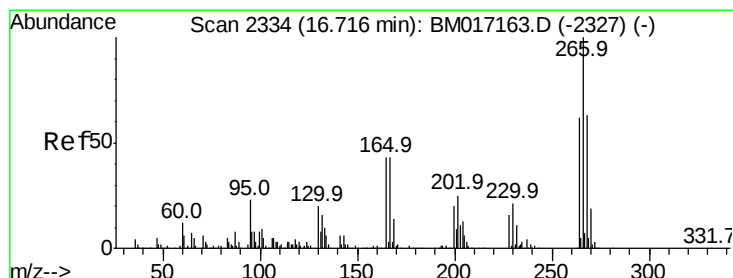
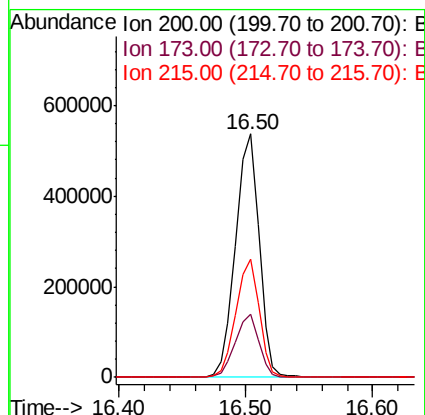
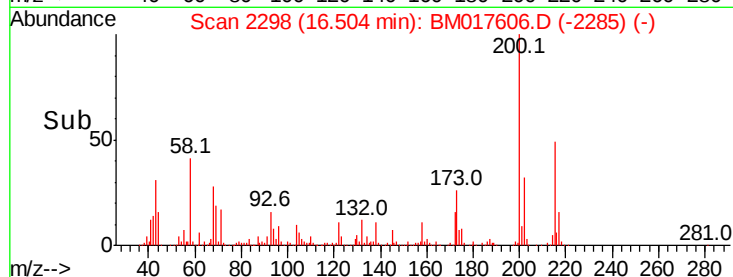
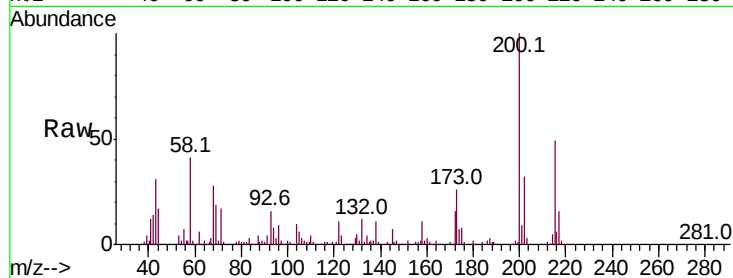
Tot Ion:200 Resp: 689819

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

215 48.6 27.3 67.3



#70

Pentachlorophenol

Concen: 83.869 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

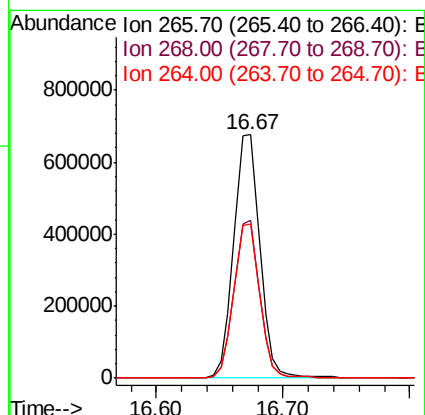
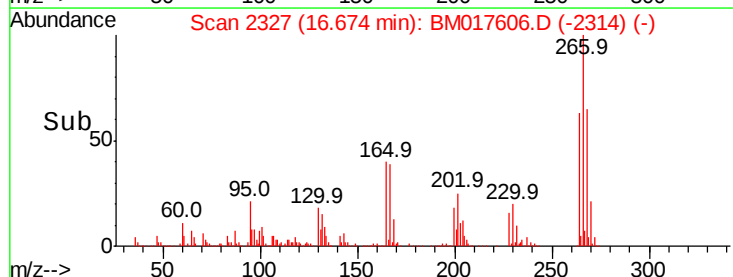
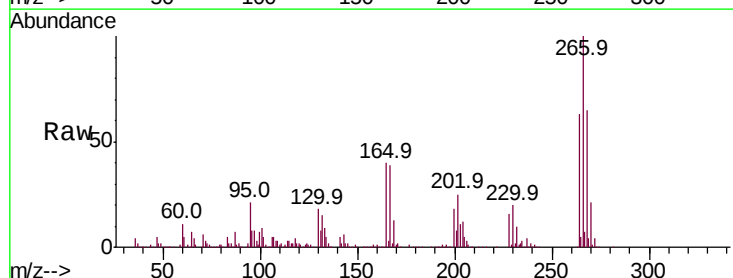
Tgt Ion:266 Resp: 965731

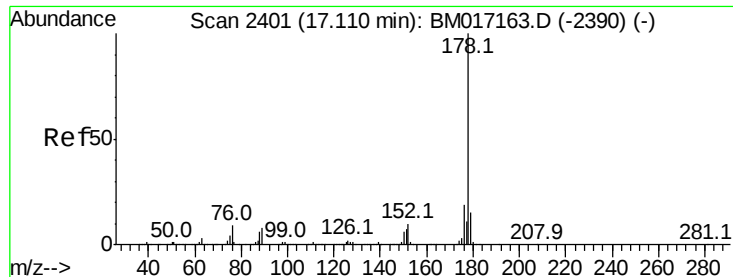
Ion Ratio Lower Upper

266 100

268 64.6 50.7 76.1

264 63.5 50.4 75.6

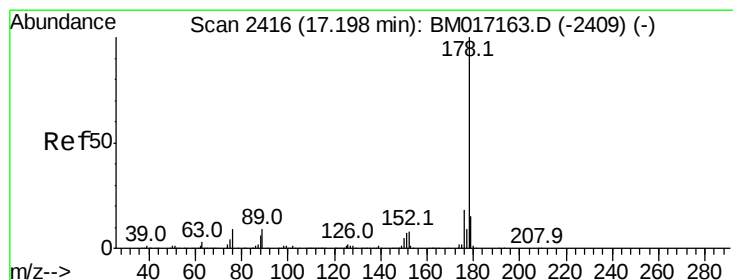
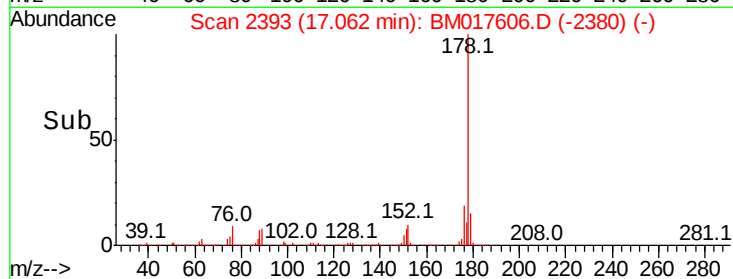
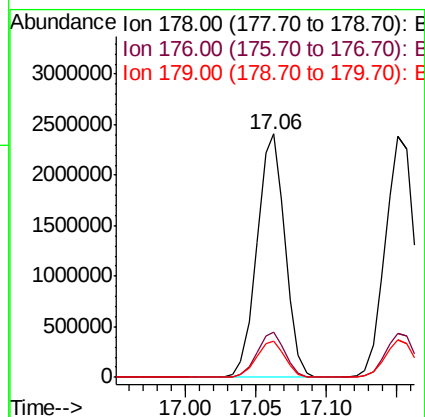
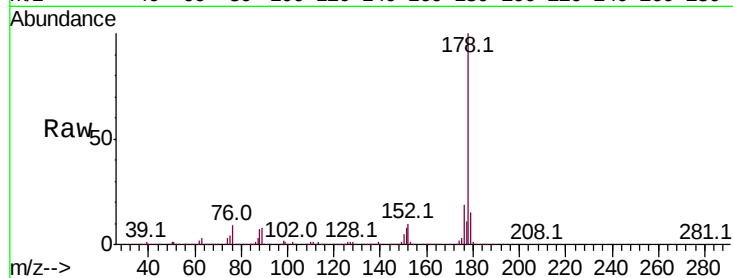




#71
Phenanthrene
Concen: 47.217 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

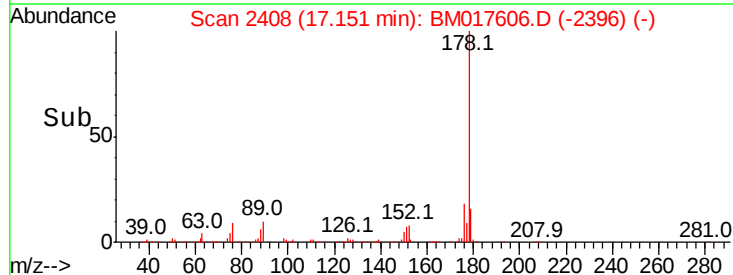
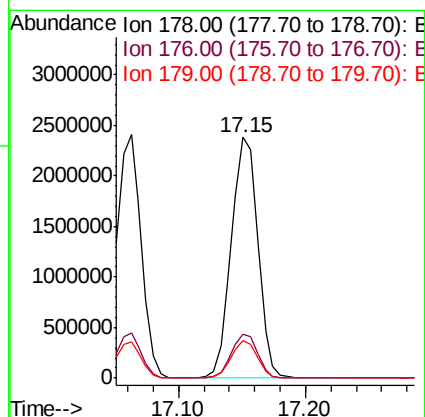
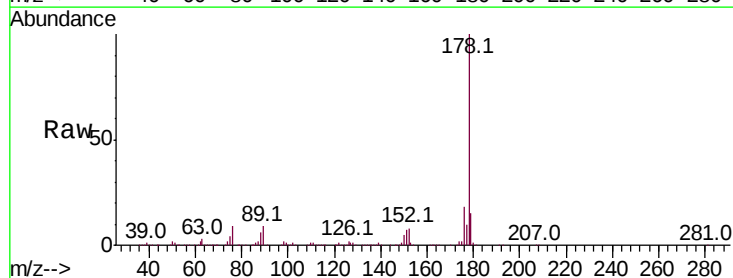
Instrument :
BNA_M
ClientSampleId :
PB114693BSD

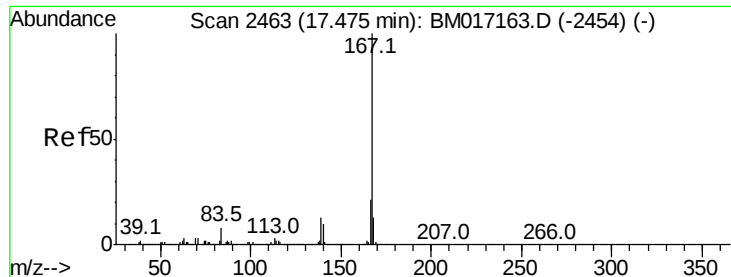
Tot Ion:178 Resp: 3357361
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.1 12.3 18.5



#72
Anthracene
Concen: 50.799 ng
RT: 17.15 min Scan# 2408
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion:178 Resp: 3432119
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.4 12.2 18.2



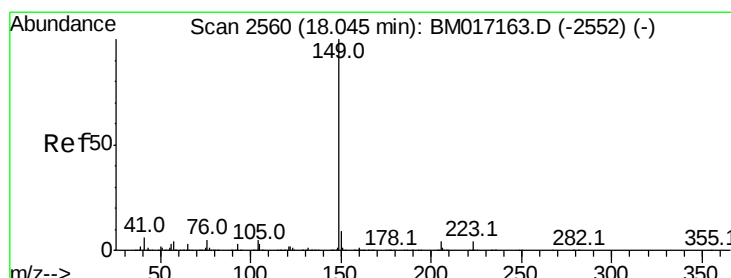
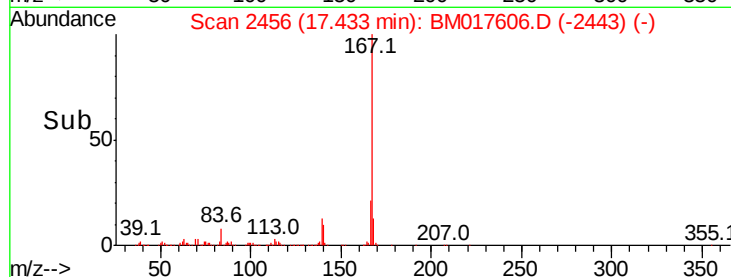
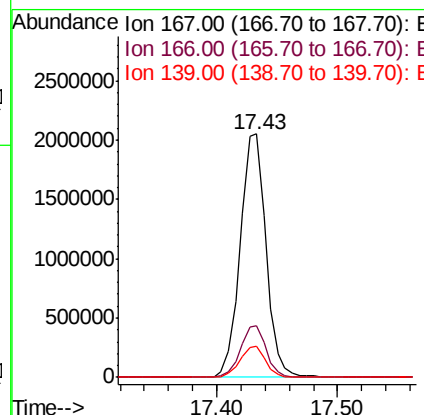
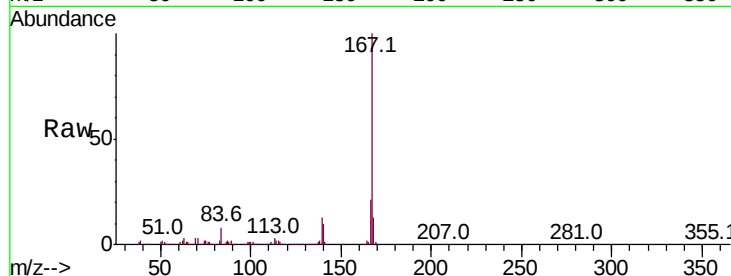


#73
 Carbazole
 Concen: 44.492 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Instrument :
 BNA_M
 ClientSampleId :
 PB114693BSD

Tot Ion:167 Resp: 3070637

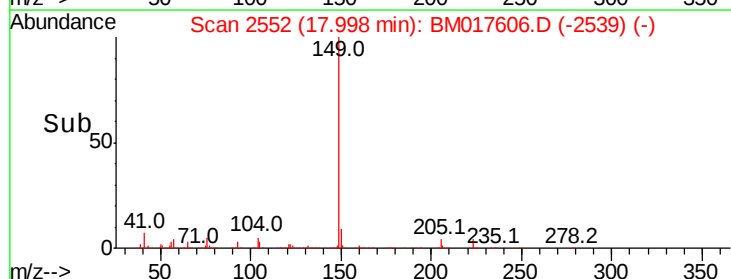
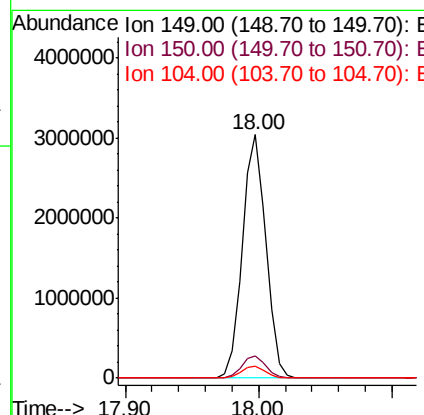
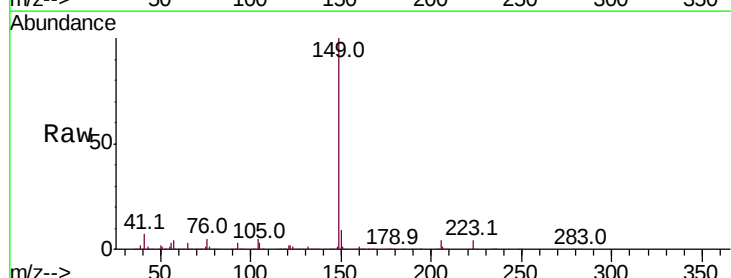
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.8	10.1	15.1

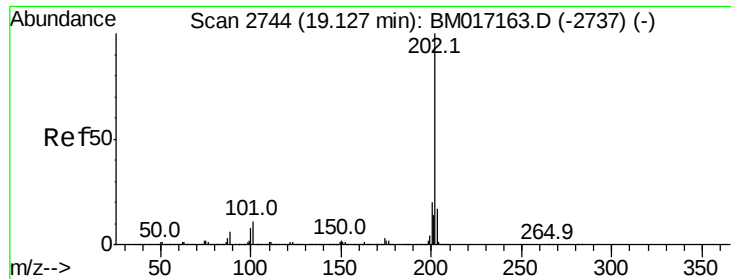


#74
 Di-n-butylphthalate
 Concen: 50.805 ng
 RT: 18.00 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Tgt Ion:149 Resp: 3698174

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.1	4.3	6.5

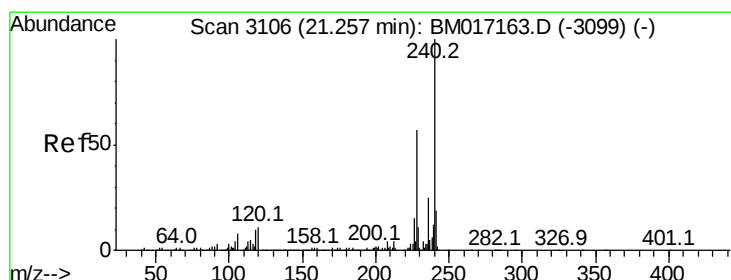
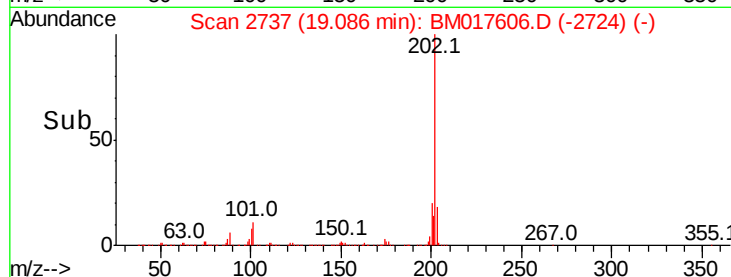
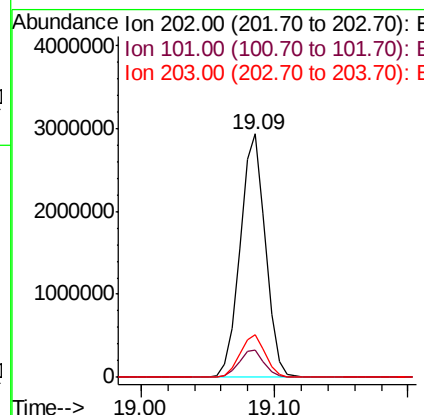
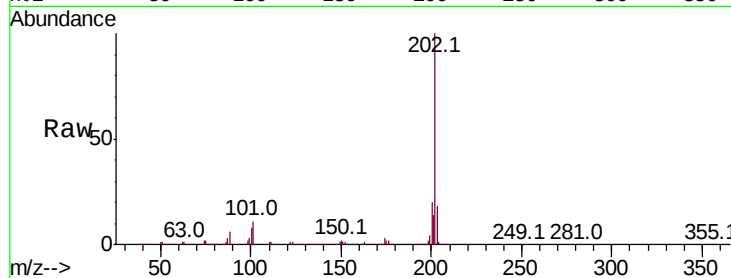




#75
 Fluoranthene
 Concen: 47.958 ng
 RT: 19.09 min Scan# 2737
 Delta R.T. -0.02 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

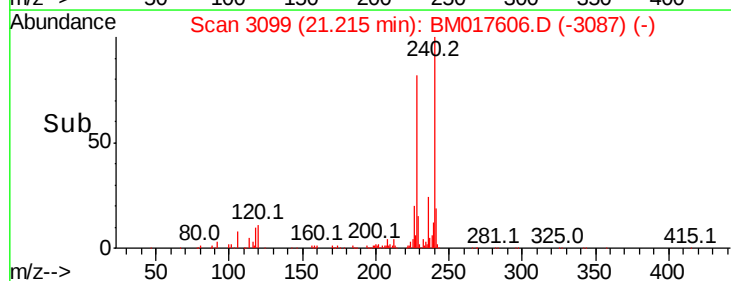
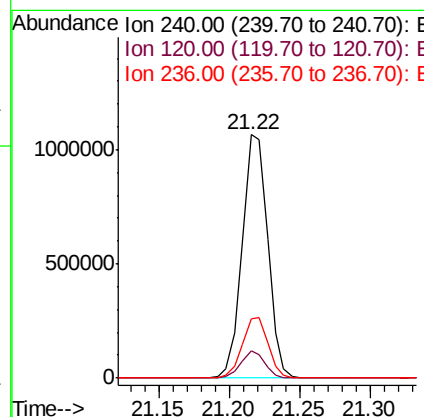
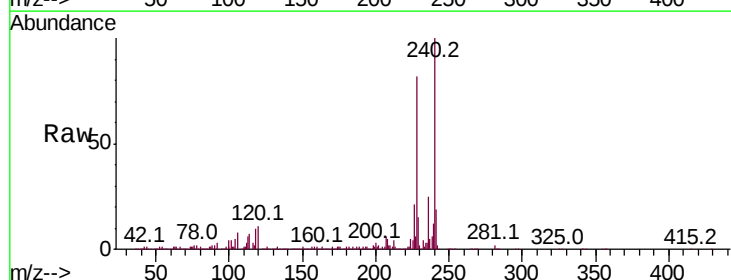
Instrument :
 BNA_M
 ClientSampleId :
 PB114693BSD

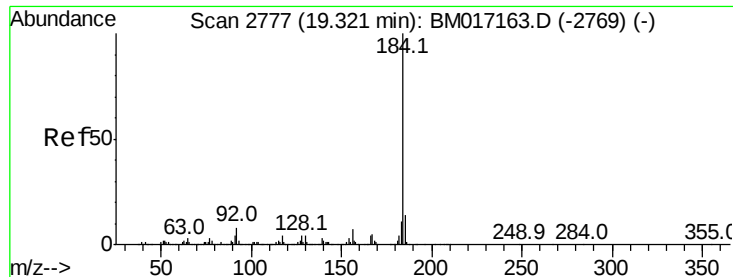
Tot Ion:202 Resp: 3837215
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.0
 203 17.5 0.0 37.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.22 min Scan# 3099
 Delta R.T. -0.03 min
 Lab File: BM017606.D
 Acq: 10 Nov 2018 00:01

Tgt Ion:240 Resp: 1347264
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.1 12.1
 236 24.6 19.9 29.9





#77

Benzidine

Concen: 77.633 ng

RT: 19.29 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

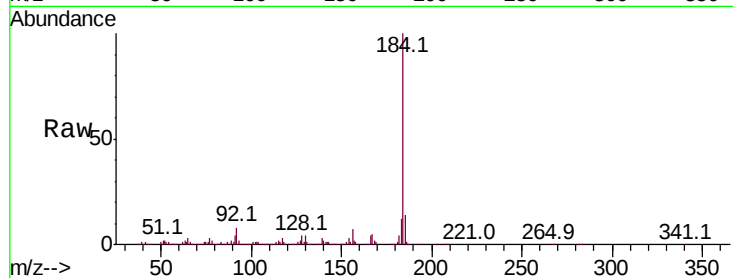
Tot Ion:184 Resp: 2652080

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.8	17.8
183	12.0	9.7	14.5

184 100

185 13.7 11.8 17.8

183 12.0 9.7 14.5

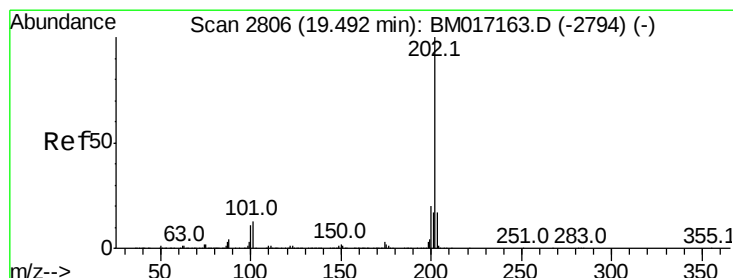
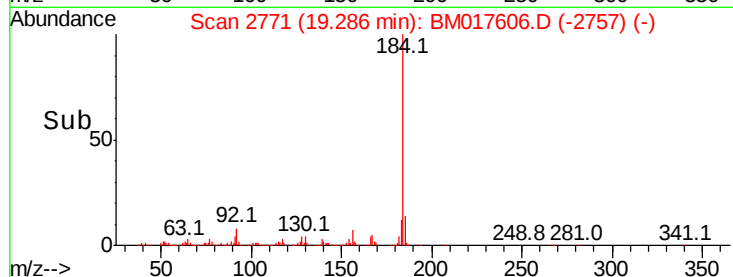
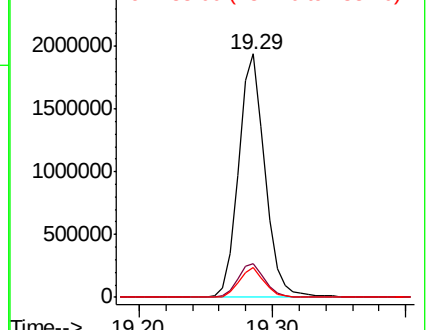


Abundance

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: 52.282 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

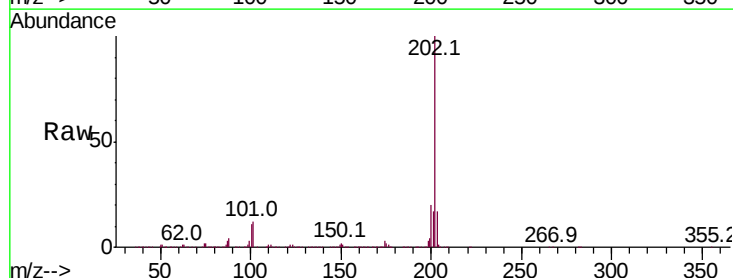
Tgt Ion:202 Resp: 3936779

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.2	13.9	20.9

202 100

200 20.4 16.3 24.5

203 17.2 13.9 20.9

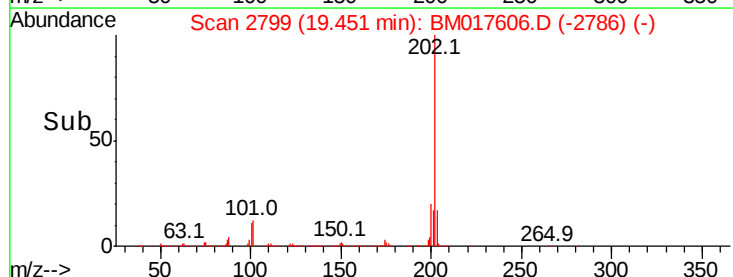
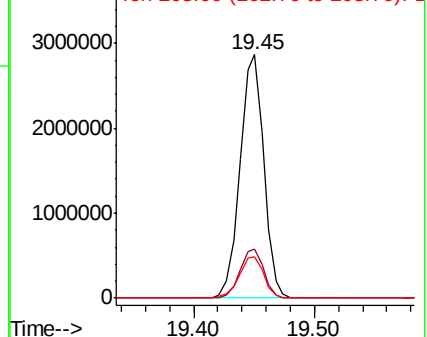


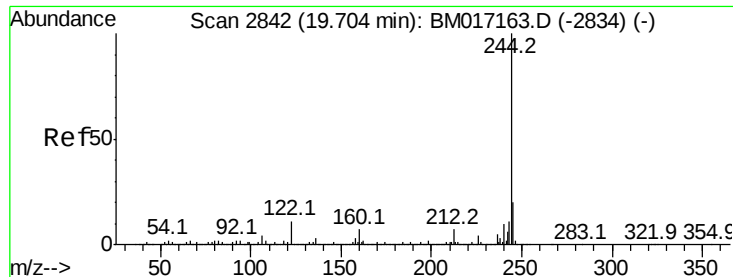
Abundance

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: 73.697 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

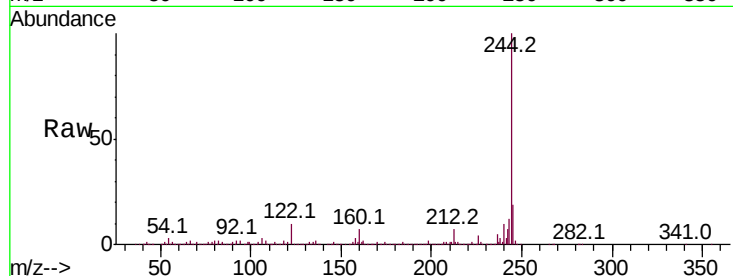
Tot Ion:244 Resp: 4405023

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

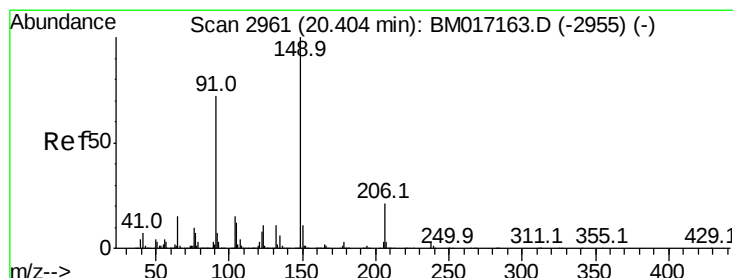
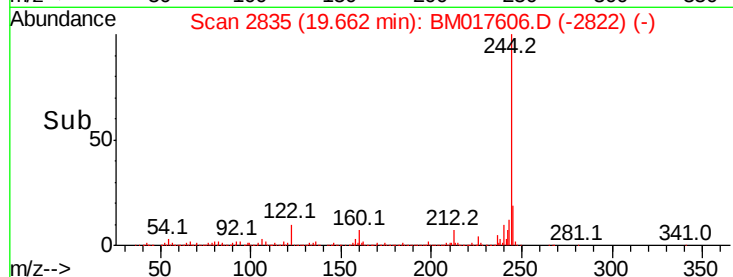
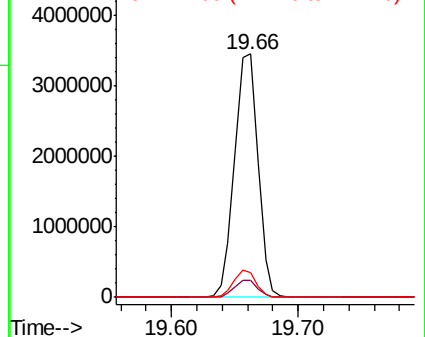
122 10.0 8.4 12.6



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: 55.737 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

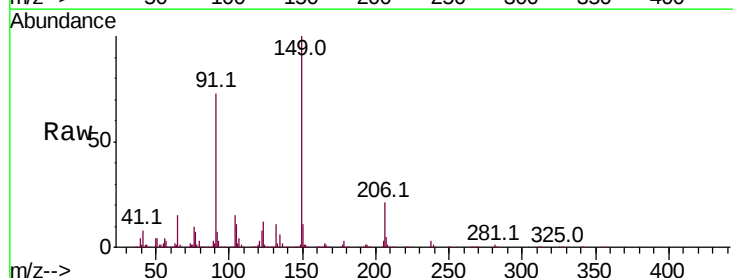
Tgt Ion:149 Resp: 1636024

Ion Ratio Lower Upper

149 100

91 72.5 51.3 76.9

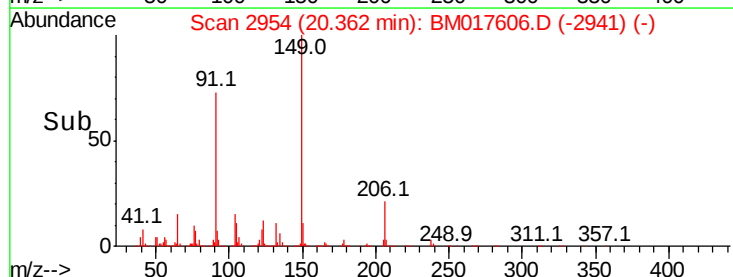
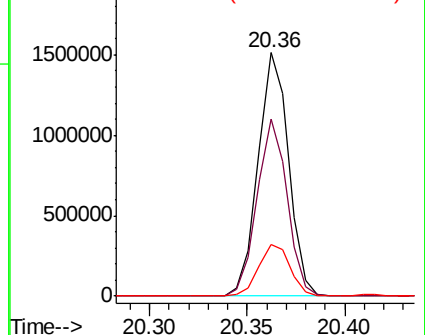
206 21.4 18.0 27.0

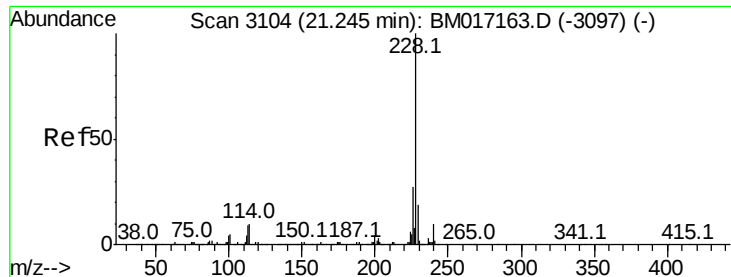


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.975 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

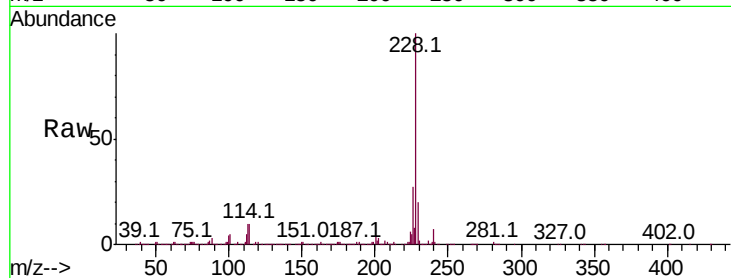
BNA_M

ClientSampleId :

PB114693BSD

Tot Ion:228 Resp: 3713107

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.7	15.9	23.9

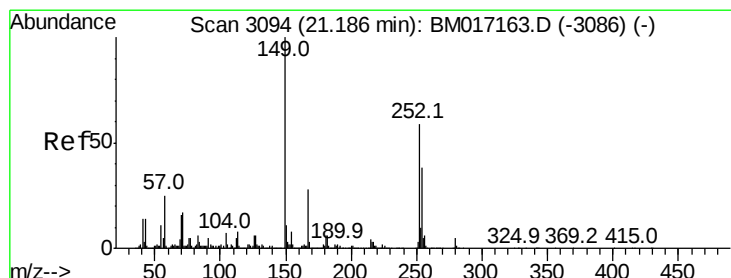
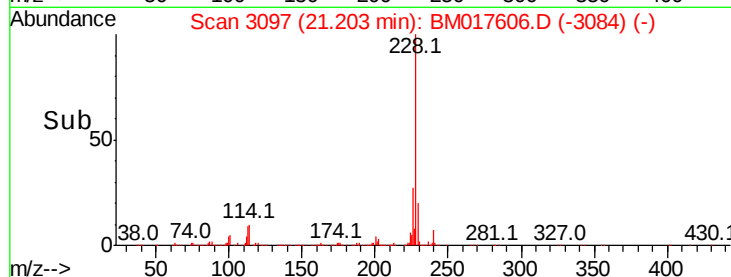
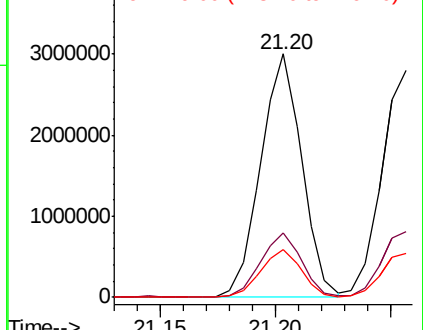


Abundance

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: 32.720 ng

RT: 21.14 min Scan# 3087

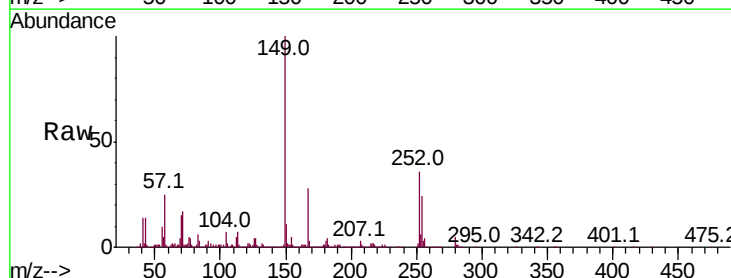
Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Tgt Ion:252 Resp: 924572

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	10.7	8.6	12.8

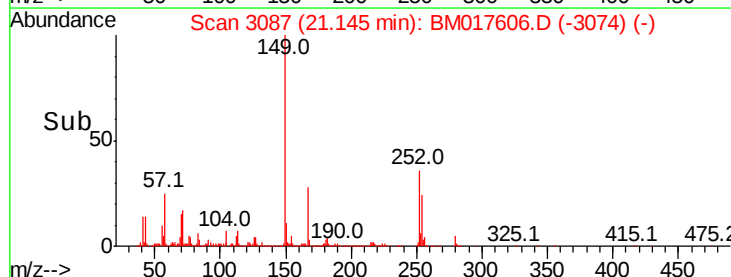
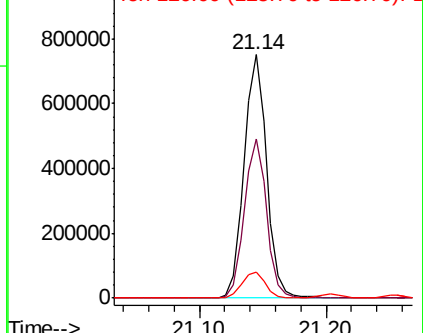


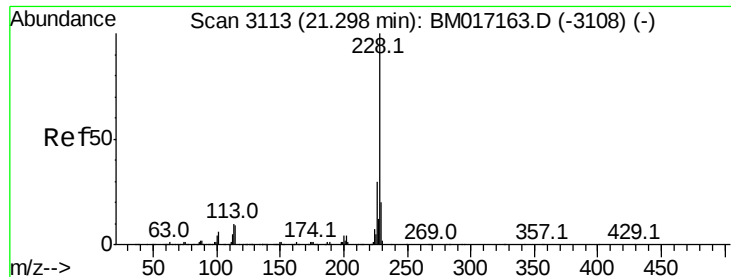
Abundance

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: 46.326 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

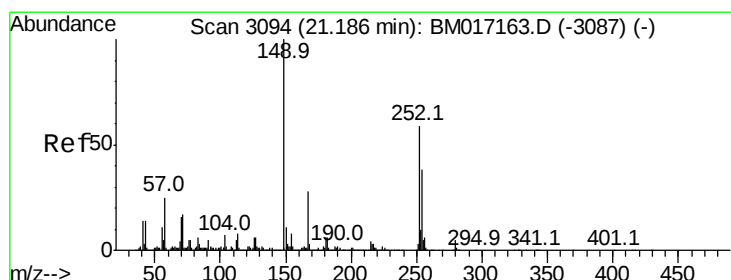
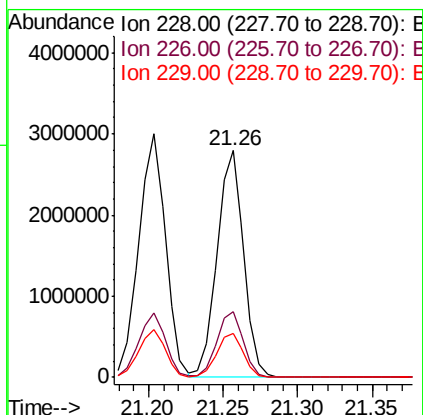
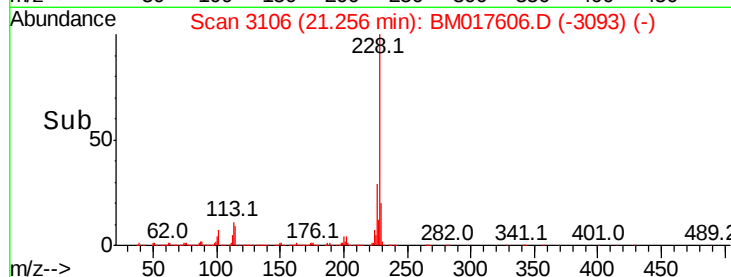
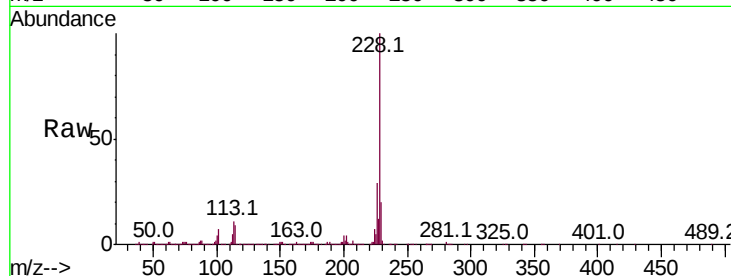
Tot Ion:228 Resp: 3476435

Ion Ratio Lower Upper

228 100

226 29.2 23.3 34.9

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.188 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

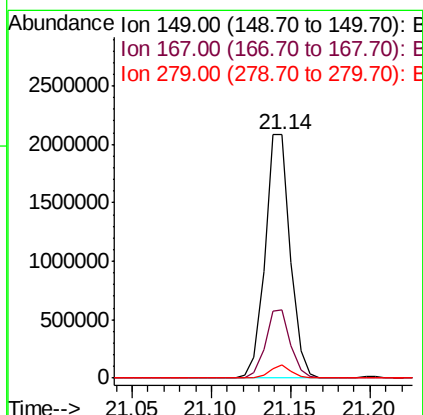
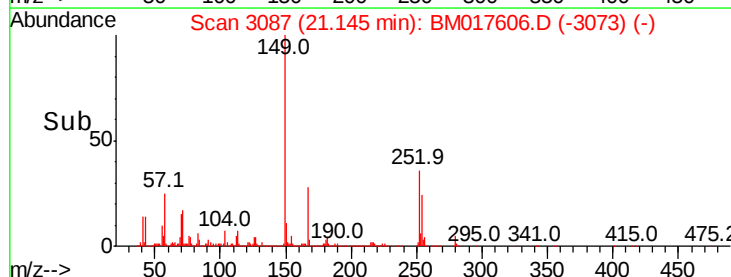
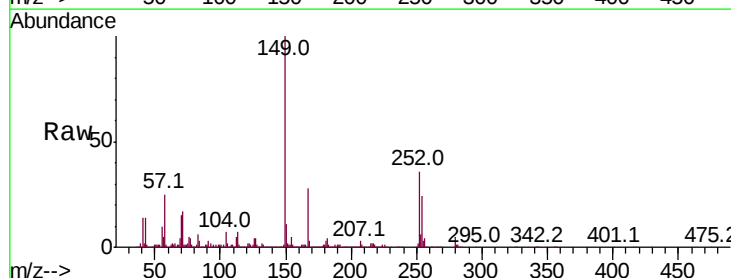
Tgt Ion:149 Resp: 2310744

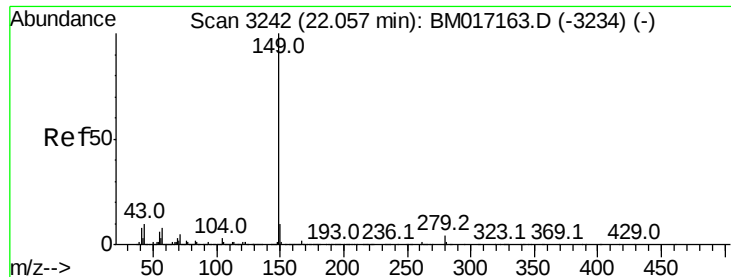
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 5.2 3.6 5.4

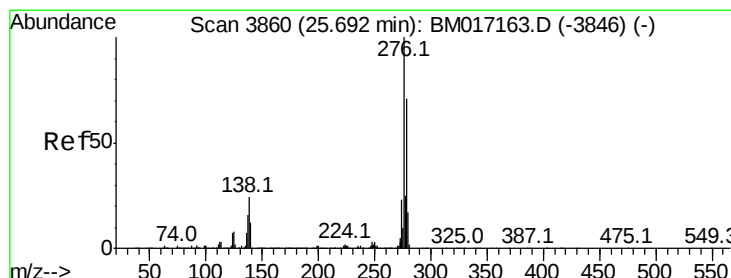
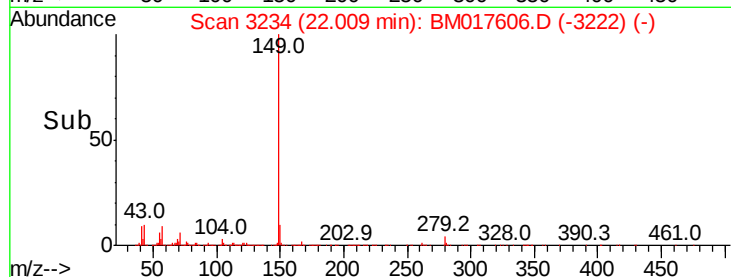
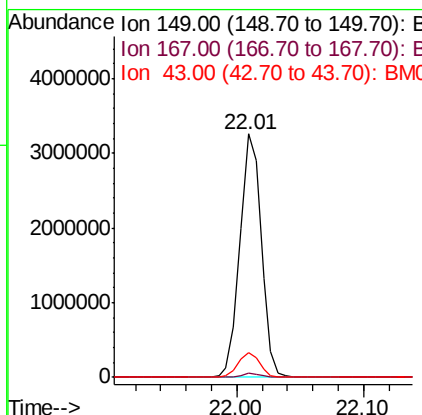
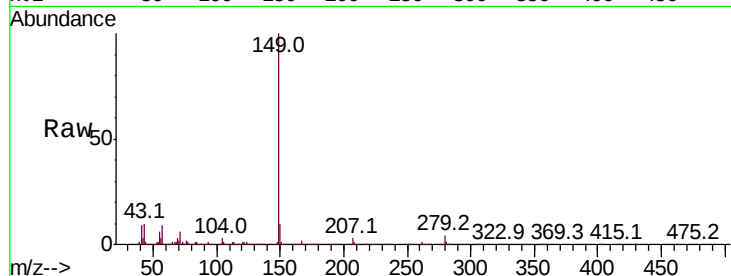




#85
Di-n-octyl phthalate
Concen: 50.643 ng
RT: 22.01 min Scan# 3234
Delta R.T. -0.03 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

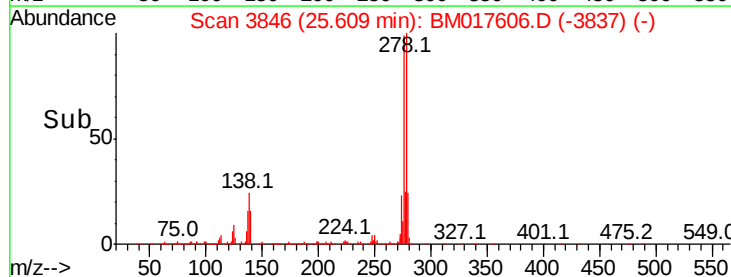
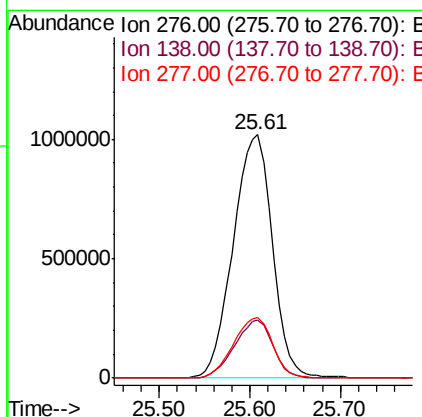
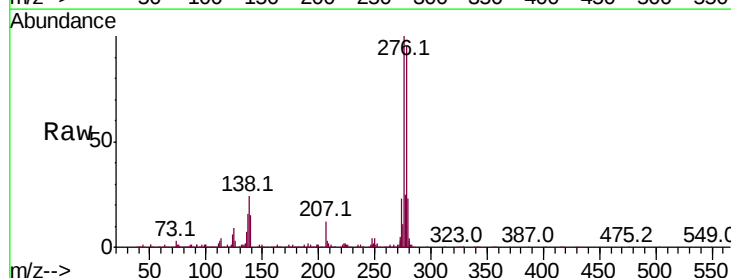
Instrument :
BNA_M
ClientSampleId :
PB114693BSD

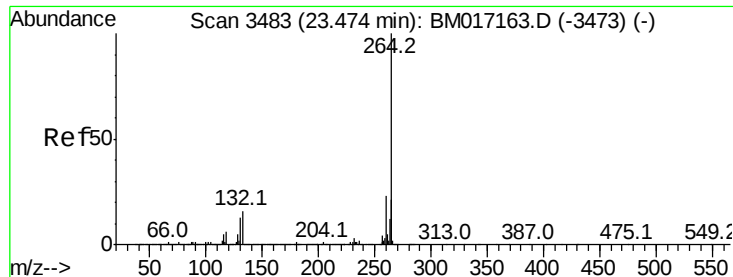
Tot Ion:149 Resp: 3787075
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.3 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.363 ng
RT: 25.61 min Scan# 3846
Delta R.T. -0.05 min
Lab File: BM017606.D
Acq: 10 Nov 2018 00:01

Tgt Ion:276 Resp: 3052078
Ion Ratio Lower Upper
276 100
138 23.5 19.5 29.3
277 24.9 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.04 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

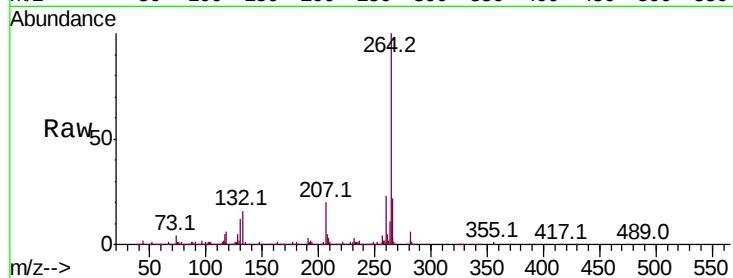
BNA_M

ClientSampleId :

PB114693BSD

Tot Ion:264 Resp: 1154422

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.8	17.8	26.8

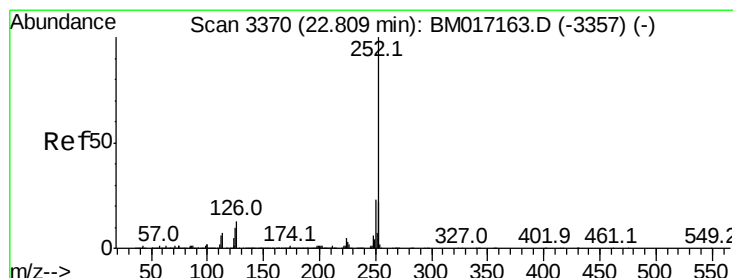
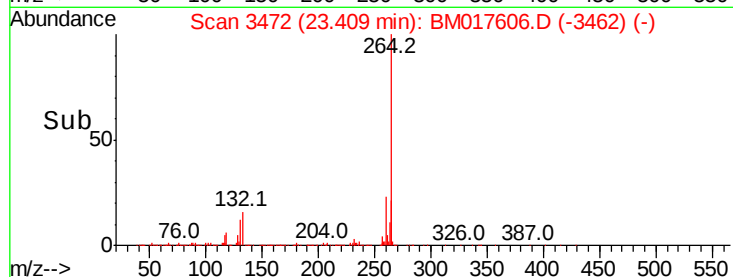
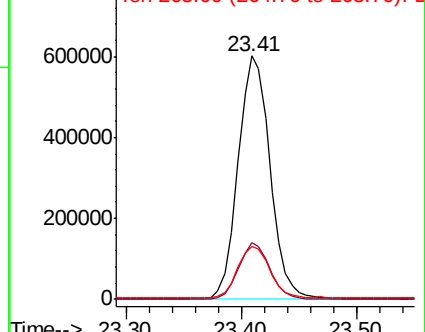


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.379 ng

RT: 22.76 min Scan# 3361

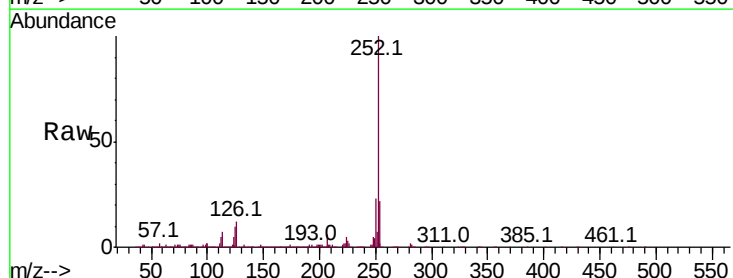
Delta R.T. -0.04 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Tgt Ion:252 Resp: 3369119

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.7	7.5	11.3

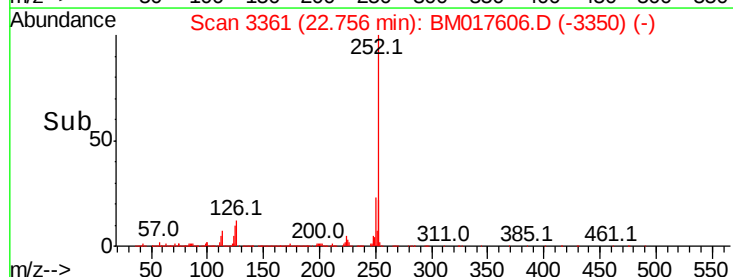
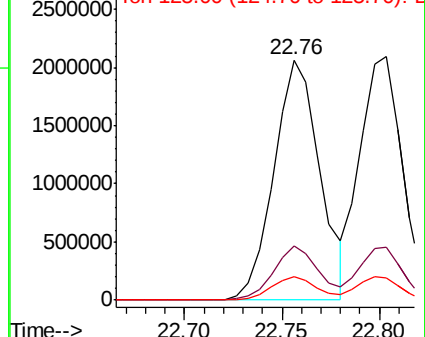


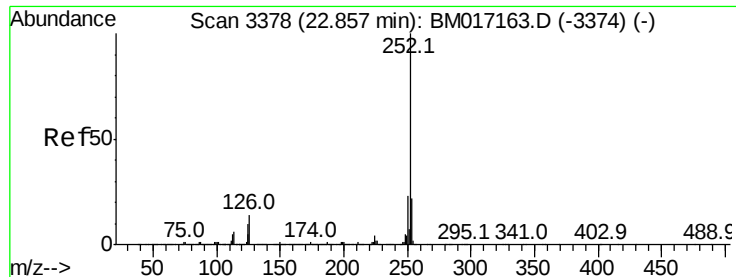
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.028 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.03 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

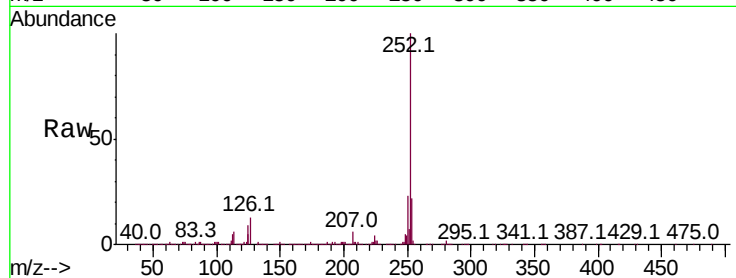
Tot Ion:252 Resp: 3168436

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

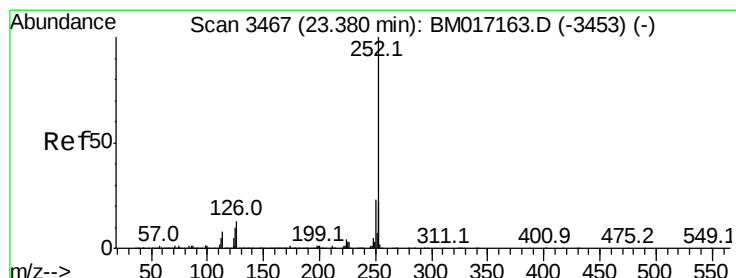
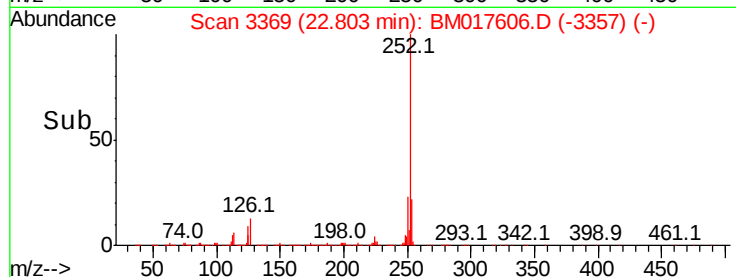
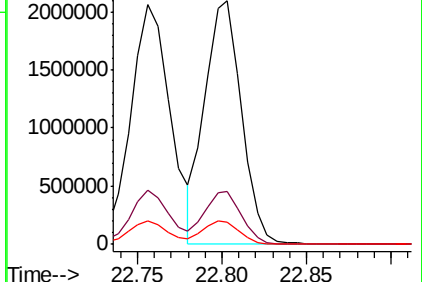
125 9.4 8.2 12.2



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: 50.922 ng

RT: 23.31 min Scan# 3456

Delta R.T. -0.04 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

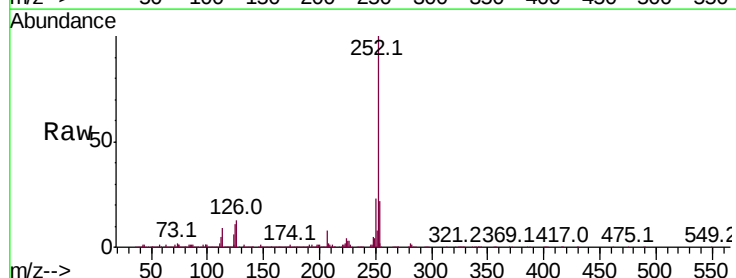
Tgt Ion:252 Resp: 3051588

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

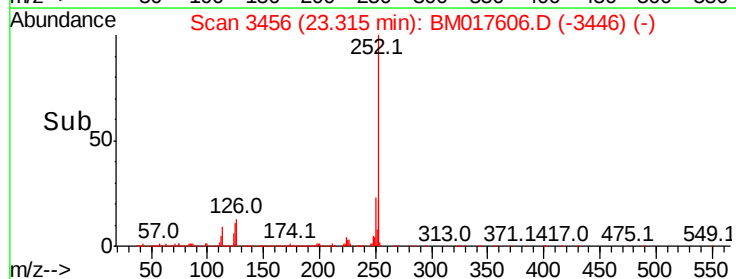
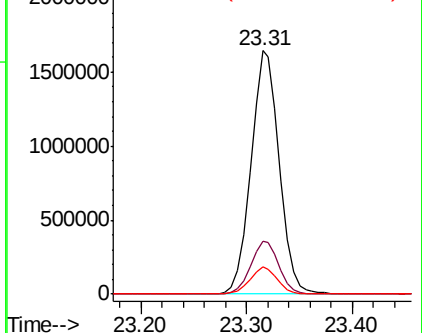
125 11.0 8.6 13.0

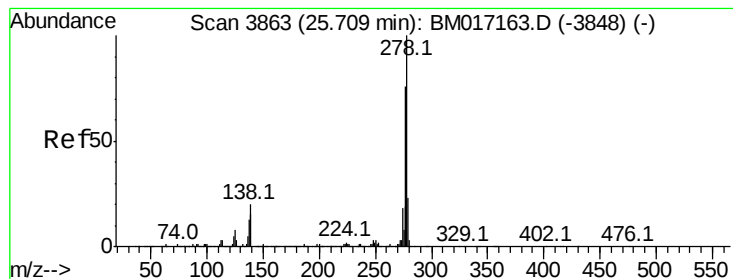


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.528 ng

RT: 25.61 min Scan# 3847

Delta R.T. -0.05 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

Instrument :

BNA_M

ClientSampleId :

PB114693BSD

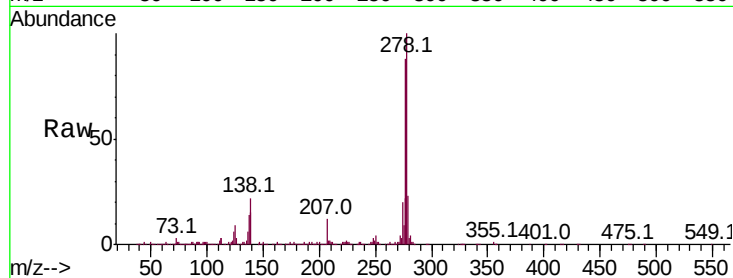
Tot Ion:278 Resp: 2590164

Ion Ratio Lower Upper

278 100

139 15.3 12.7 19.1

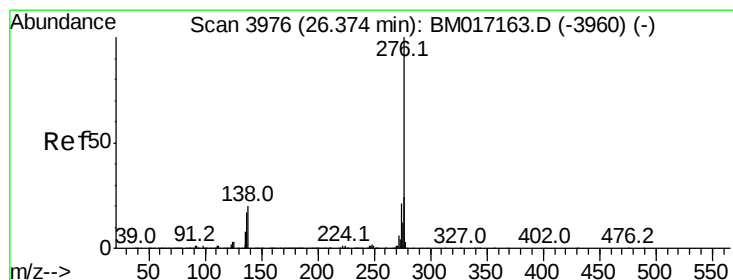
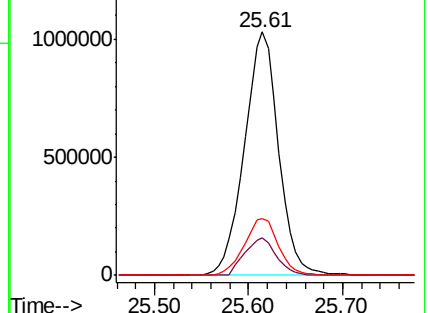
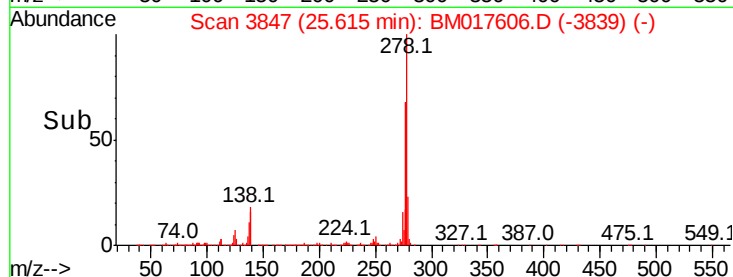
279 23.5 18.7 28.1



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: 41.639 ng

RT: 26.27 min Scan# 3959

Delta R.T. -0.05 min

Lab File: BM017606.D

Acq: 10 Nov 2018 00:01

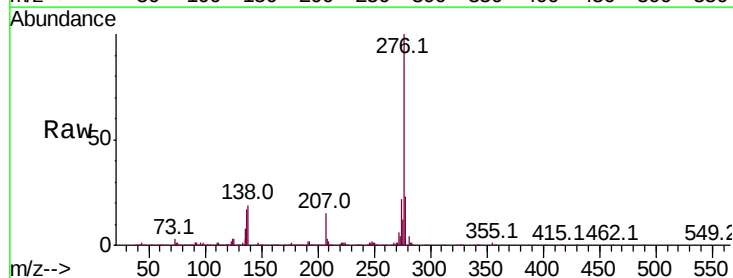
Tgt Ion:276 Resp: 2455756

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 19.1 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

