

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
 Data File : BM018880.D
 Acq On : 20 Feb 2019 12:38
 Operator : JU/SJ
 Sample : K1528-05MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 20 13:56:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	260701	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1138146	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	687741	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1607024	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1695984	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1529467	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	729457	45.85	ng	0.00
7) Phenol-d6	6.87	99	638811	28.50	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1784538	72.50	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1124617	113.44	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3663634	70.72	ng	-0.01
79) Terphenyl-d14	19.74	244	6171372	75.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	71796	10.360	ng	# 90
3) Pyridine	3.66	79	128123	6.778	ng	95
4) n-Nitrosodimethylamine	3.58	42	59050	12.279	ng	# 85
6) Aniline	7.05	93	452868	16.490	ng	100
8) 2-Chlorophenol	7.27	128	445825	25.521	ng	98
9) Benzaldehyde	6.85	77	1681086	Below Cal		# 1
10) Phenol	6.90	94	229145	9.716	ng	# 69
11) bis(2-Chloroethyl)ether	7.15	93	532089	29.575	ng	99
12) 1,3-Dichlorobenzene	7.59	146	557901	28.402	ng	100
13) 1,4-Dichlorobenzene	7.74	146	577347	28.871	ng	99
14) 1,2-Dichlorobenzene	8.05	146	567203	29.528	ng	98
15) Benzyl Alcohol	7.96	79	337842	18.969	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	545672	31.337	ng	# 1
17) 2-Methylphenol	8.15	107	337179	22.462	ng	99
18) Hexachloroethane	8.79	117	1277321	174.975	ng	# 1
19) n-Nitroso-di-n-propylamine	8.51	70	541271	31.188	ng	99
20) 3+4-Methylphenols	8.47	107	435074	20.989	ng	88
22) Acetophenone	8.53	105	920339	29.446	ng	# 99
24) Nitrobenzene	8.91	77	761899	29.820	ng	100
25) Isophorone	9.43	82	1401706	35.689	ng	100
26) 2-Nitrophenol	9.62	139	295684	29.060	ng	97
27) 2,4-Dimethylphenol	9.67	122	471277	31.712	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	821200	32.334	ng	100
29) 2,4-Dichlorophenol	10.15	162	500694	29.342	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	573369	29.095	ng	99
31) Naphthalene	10.55	128	17460269	314.552	ng	# 93
32) Benzoic acid	9.86	122	801493	61.827	ng	94
33) 4-Chloroaniline	10.67	127	314502	12.675	ng	98
34) Hexachlorobutadiene	10.80	225	308167	26.941	ng	99
35) Caprolactam	11.50	113	636	0.091	ng	# 34
36) 4-Chloro-3-methylphenol	11.79	107	579382	28.161	ng	98
37) 2-Methylnaphthalene	12.16	142	4590720	117.466	ng	99
38) 1-Methylnaphthalene	12.38	142	2567103	67.173	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	627444	28.520	ng	99

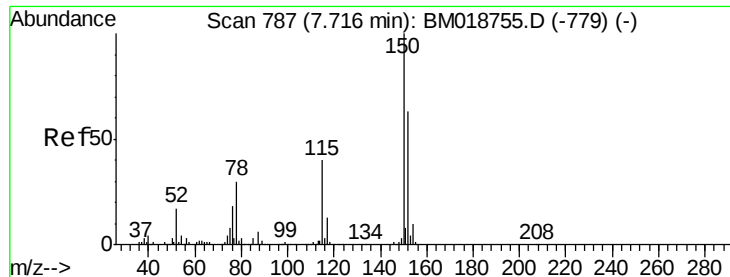
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	643799	57.236	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	439618	30.185	ng	100
44) 2,4,5-Trichlorophenol	12.85	196	474263	31.068	ng	98
46) 1,1'-Biphenyl	13.18	154	1771796	29.929	ng	100
47) 2-Chloronaphthalene	13.22	162	1364070	29.832	ng	98
48) 2-Nitroaniline	13.45	65	510429	33.612	ng	99
49) Acenaphthylene	14.07	152	2283270	33.536	ng	100
50) Dimethylphthalate	13.82	163	1820356	31.760	ng	99
51) 2,6-Dinitrotoluene	13.95	165	401755	32.358	ng	99
52) Acenaphthene	14.42	154	1308900	31.352	ng	99
53) 3-Nitroaniline	14.28	138	184653	13.163	ng	98
54) 2,4-Dinitrophenol	14.49	184	400214	52.903	ng	99
55) Dibenzofuran	14.75	168	2164763	31.548	ng	100
56) 4-Nitrophenol	14.59	139	215893	19.278	ng	95
57) 2,4-Dinitrotoluene	14.73	165	576420	33.695	ng	99
58) Fluorene	15.40	166	1765748	33.636	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	440792	32.668	ng	98
60) Diethylphthalate	15.18	149	1895018	32.051	ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	857168	29.122	ng	100
62) 4-Nitroaniline	15.44	138	368237	26.775	ng	98
63) Azobenzene	15.69	77	2060271	32.500	ng	100
65) 4,6-Dinitro-2-methylphenol	15.49	198	284346	25.201	ng	98
66) n-Nitrosodiphenylamine	15.62	169	1572435	30.970	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	521737	29.005	ng	99
68) Hexachlorobenzene	16.40	284	604292	28.902	ng	99
69) Atrazine	16.57	200	513536	31.374	ng	98
70) Pentachlorophenol	16.75	266	796825	59.189	ng	100
71) Phenanthrene	17.14	178	2842400	32.912	ng	100
72) Anthracene	17.24	178	2883726	34.305	ng	99
73) Carbazole	17.52	167	2759574	31.422	ng	100
74) Di-n-butylphthalate	18.07	149	3455381	34.211	ng	100
75) Fluoranthene	19.17	202	3358900	33.669	ng	99
77) Benzidine	19.35	184	334	0.009	ng	# 1
78) Pyrene	19.53	202	3438449	34.908	ng	100
80) Butylbenzylphthalate	20.43	149	1718408	38.280	ng	97
81) Benzo(a)anthracene	21.28	228	3331805	33.702	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	89689	2.295	ng	# 97
83) Chrysene	21.33	228	3133394	33.067	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2457961	37.410	ng	98
85) Di-n-octyl phthalate	22.09	149	4216758	38.186	ng	99
86) Indeno(1,2,3-cd)pyrene	25.84	276	3037299	27.763	ng	99
88) Benzo(b)fluoranthene	22.87	252	3064933	35.025	ng	99
89) Benzo(k)fluoranthene	22.92	252	3116657	35.775	ng	99
90) Benzo(a)pyrene	23.45	252	2850911	34.391	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	2590308	31.539	ng	99
92) Benzo(g,h,i)perylene	26.53	276	2391029	31.271	ng	99

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

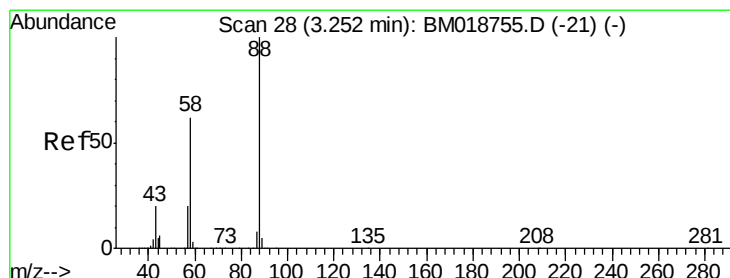
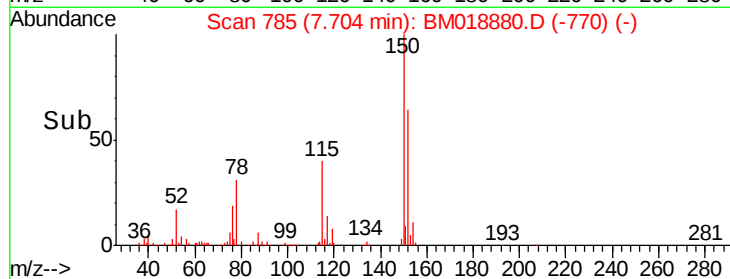
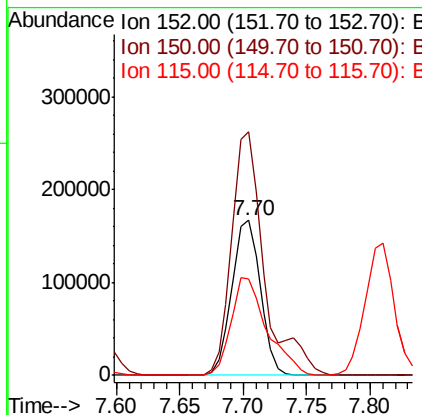
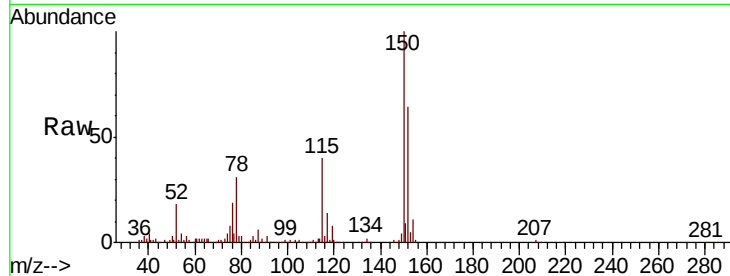


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Instrument :
 BNA_M
 ClientSampleId :

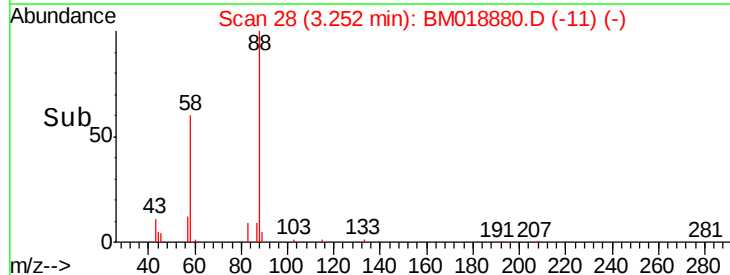
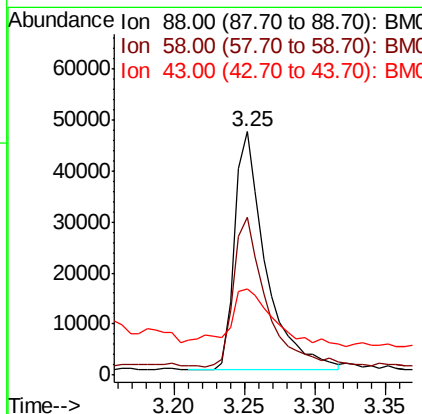
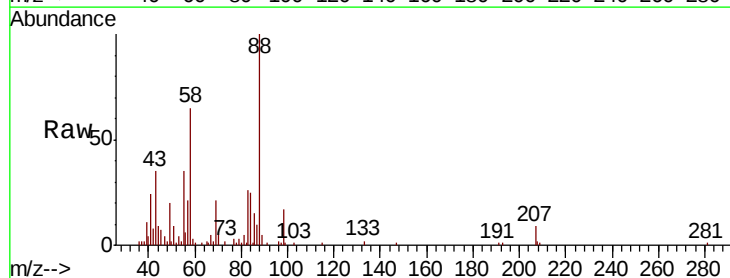
Tot Ion	152	Resp	260701
Ion Ratio	Lower	Upper	
152	100		
150	156.9	127.3	190.9
115	62.5	50.8	76.2

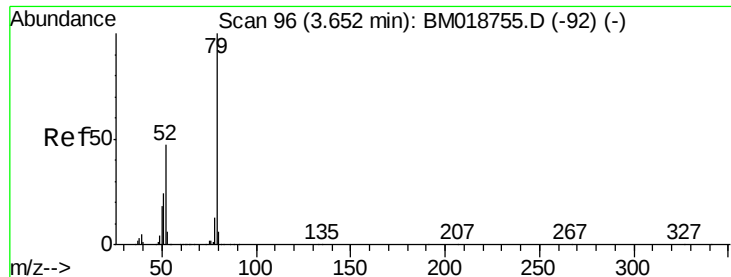


#2

1,4-Dioxane
 Concen: 10.360 ng
 RT: 3.25 min Scan# 28
 Delta R.T. -0.00 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion	88	Resp	71796
Ion Ratio	Lower	Upper	
88	100		
58	65.6	49.8	74.6
43	33.4	16.7	25.1





#3

Pvridine

Concen: 6.778 ng

RT: 3.66 min Scan# 98

Delta R.T. 0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

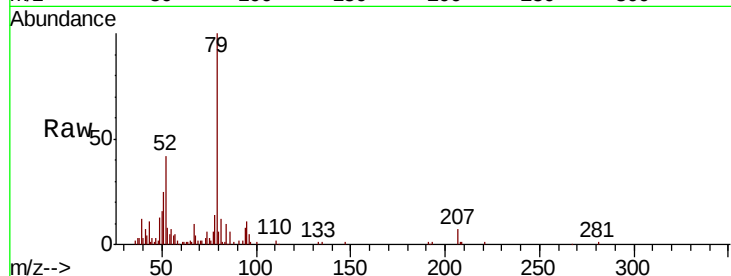
Tot Ion: 79 Resp: 128123

Ion Ratio Lower Upper

79 100

52 42.2 37.6 56.4

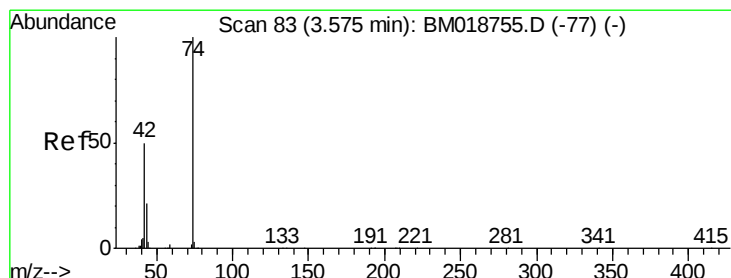
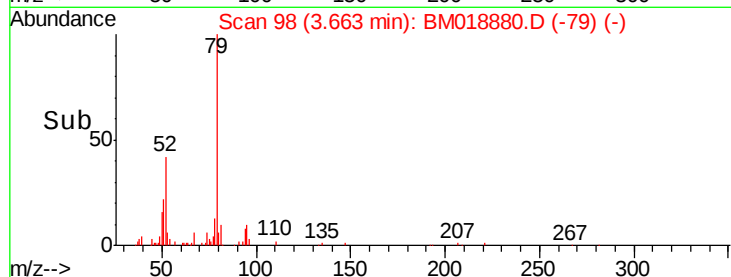
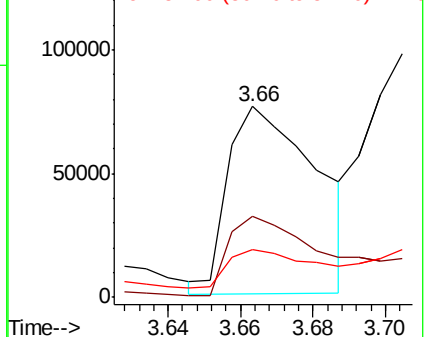
51 24.8 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 12.279 ng

RT: 3.58 min Scan# 84

Delta R.T. 0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

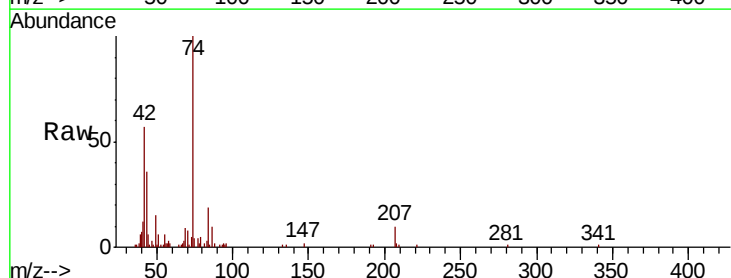
Tgt Ion: 42 Resp: 59050

Ion Ratio Lower Upper

42 100

74 174.9 158.1 237.1

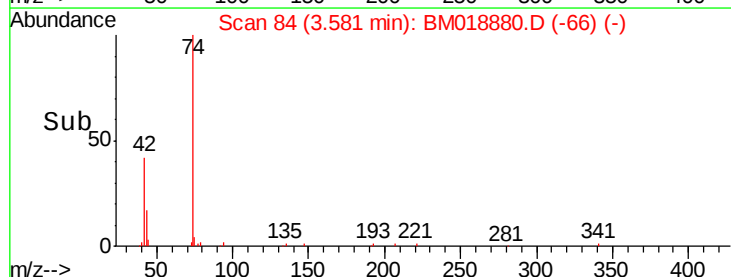
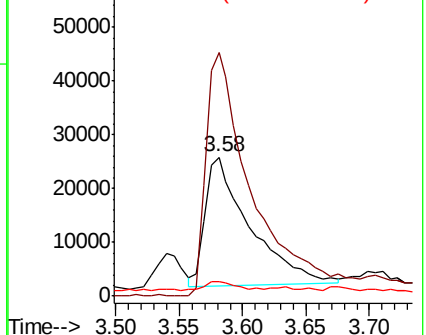
44 10.0 4.9 7.3#

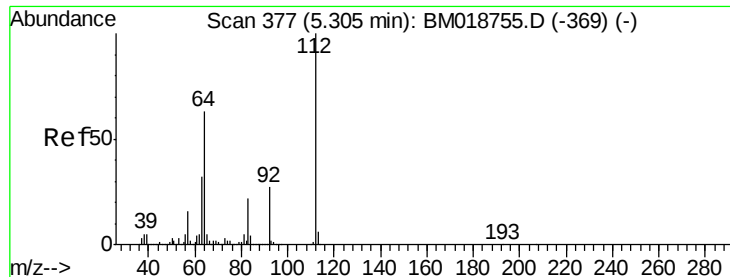


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 45.845 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

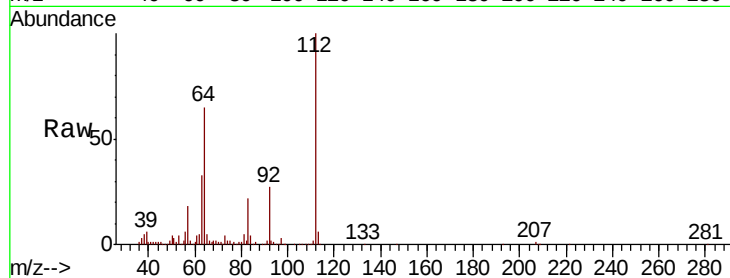
Tot Ion:112 Resp: 729457

Ion Ratio Lower Upper

112 100

64 64.9 50.6 75.8

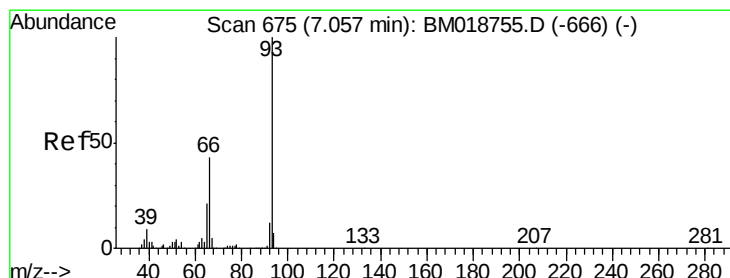
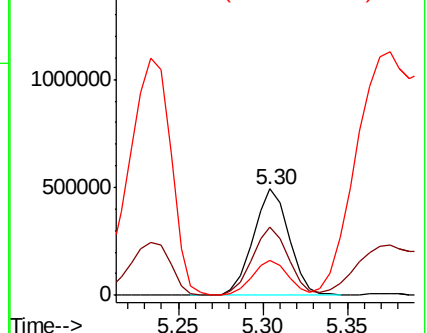
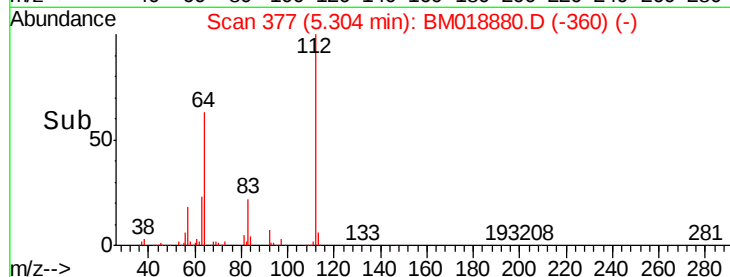
63 33.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 16.490 ng

RT: 7.05 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

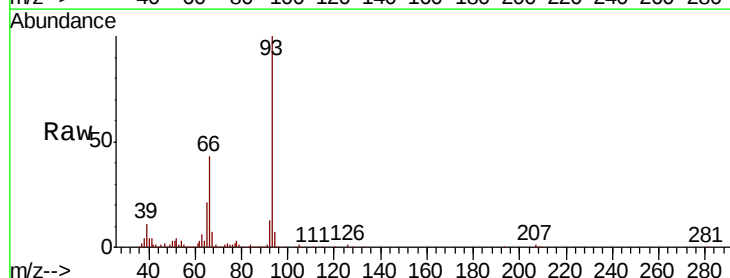
Tgt Ion: 93 Resp: 452868

Ion Ratio Lower Upper

93 100

66 42.6 34.1 51.1

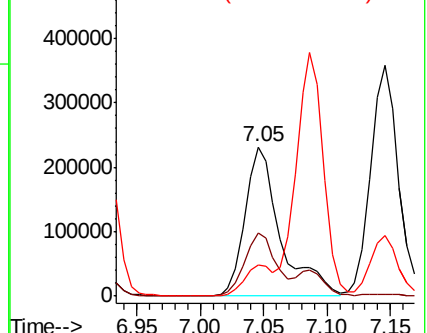
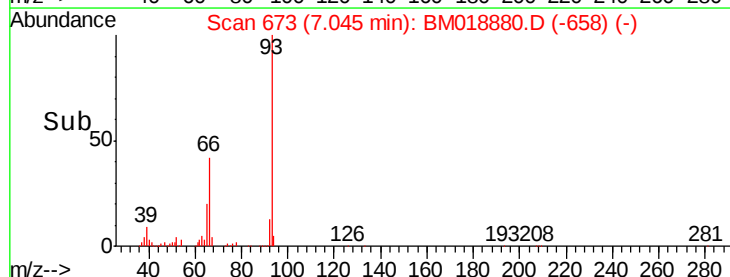
65 21.2 16.6 24.8

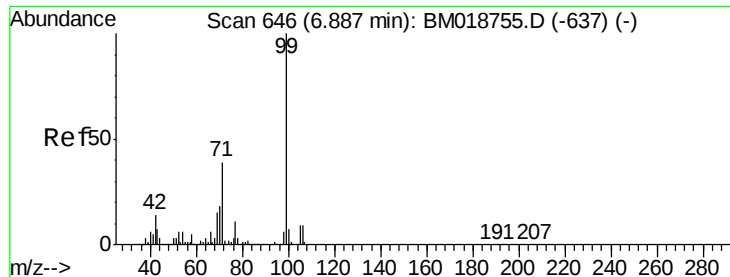


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 28.499 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

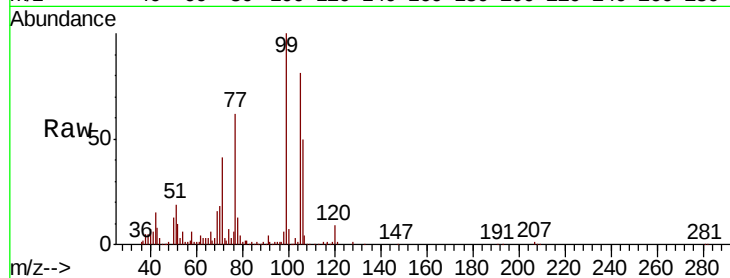
Tot Ion: 99 Resp: 638811

Ion Ratio Lower Upper

99 100

42 15.0 11.0 16.6

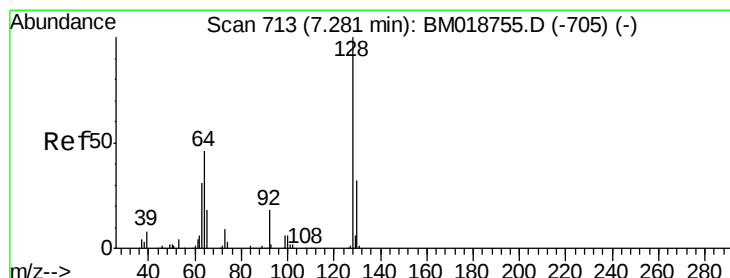
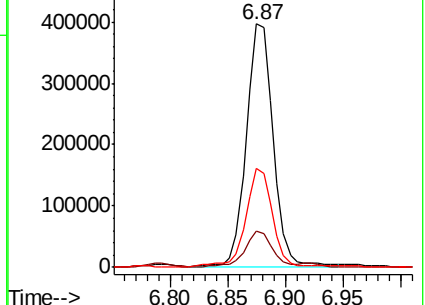
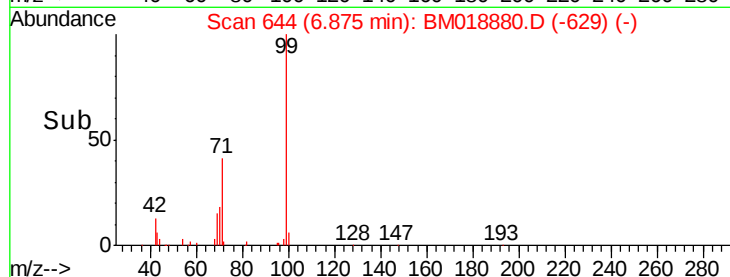
71 40.5 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018880.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018880.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018880.D (-629) (-)



#8

2-Chlorophenol

Concen: 25.521 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

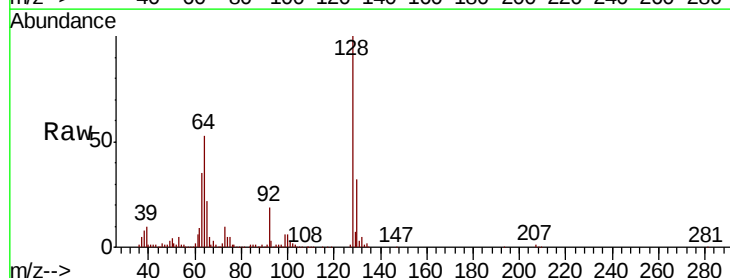
Tgt Ion: 128 Resp: 445825

Ion Ratio Lower Upper

128 100

130 31.7 11.7 51.7

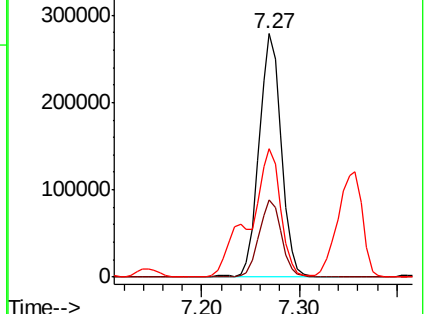
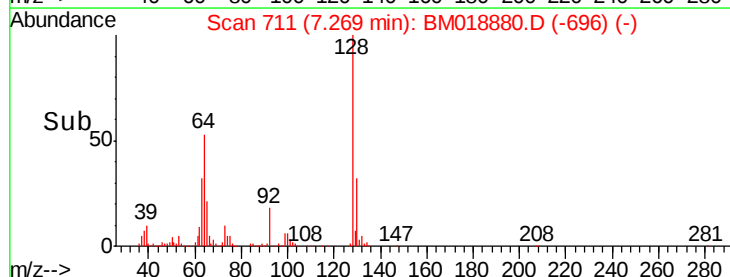
64 52.8 31.0 71.0

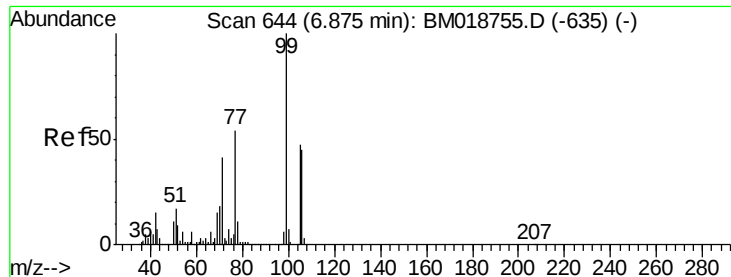


Abundance Ion 128.00 (127.70 to 128.70): BM018880.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018880.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018880.D (-696) (-)





#9

Benzaldehyde

Concen: Below Cal

RT: 6.85 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

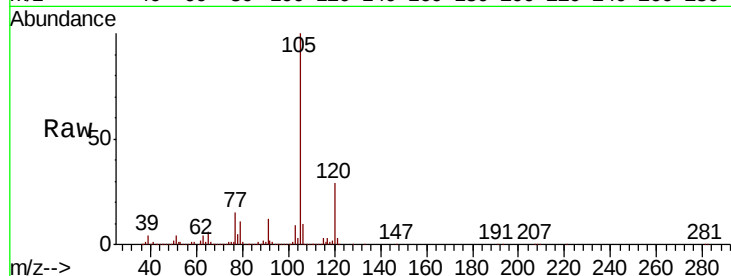
Tot Ion: 77 Resp: 1681086

Ion Ratio Lower Upper

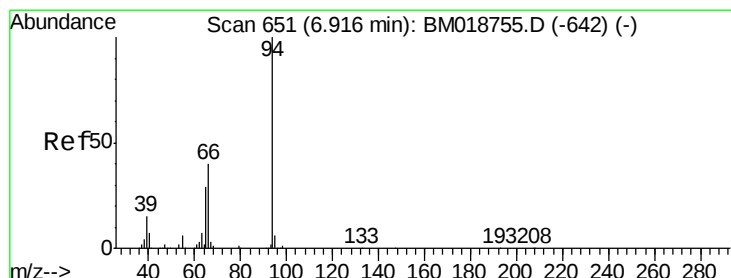
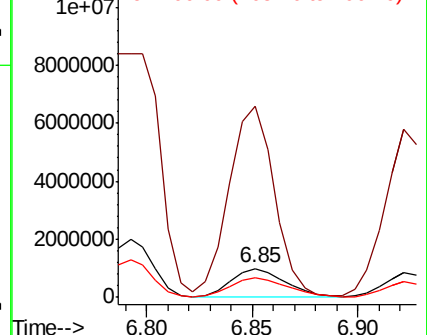
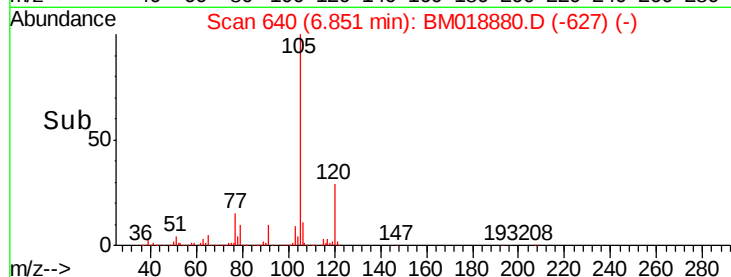
77 100

105 669.5 67.3 107.3#

106 68.2 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018880.D (-627) (-)



#10

Phenol

Concen: 9.716 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

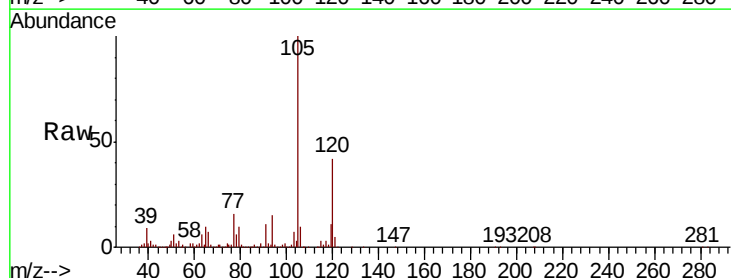
Tgt Ion: 94 Resp: 229145

Ion Ratio Lower Upper

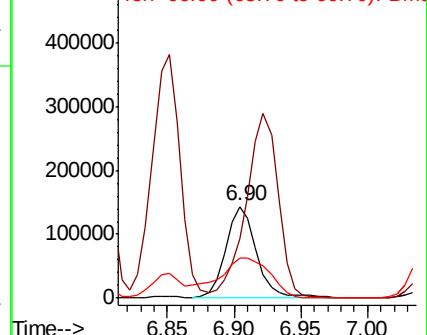
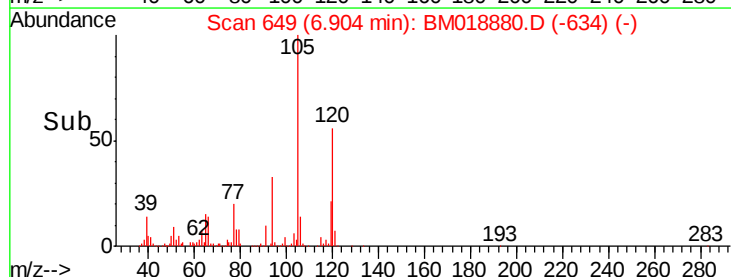
94 100

65 64.5 9.6 49.6#

66 44.3 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BM018880.D (-634) (-)

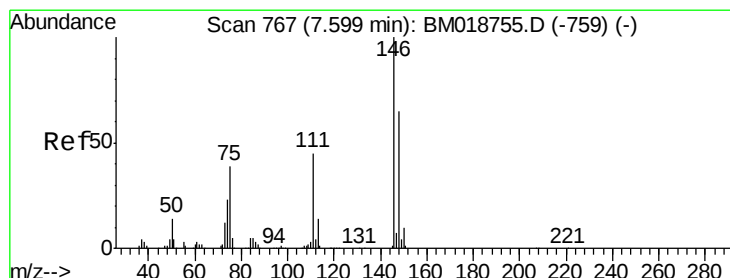
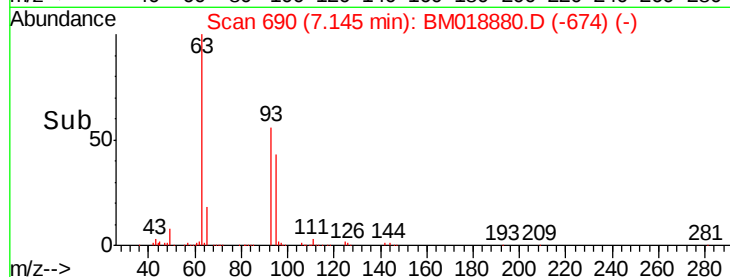
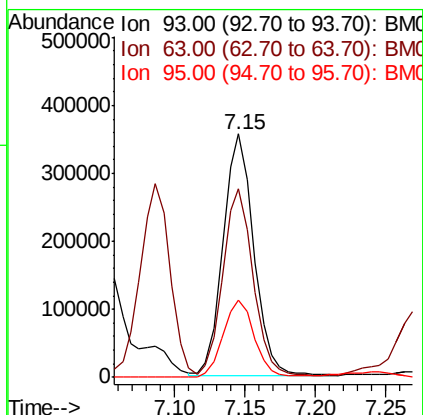
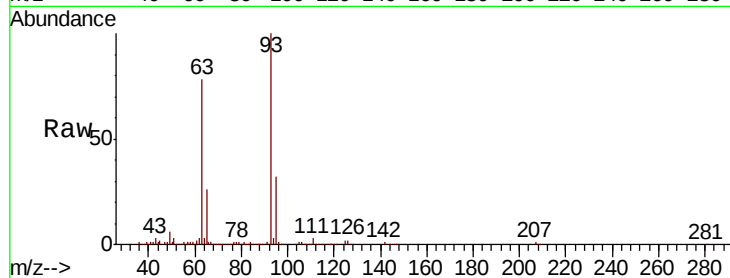




#11
bis(2-Chloroethyl)ether
Concen: 29.575 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

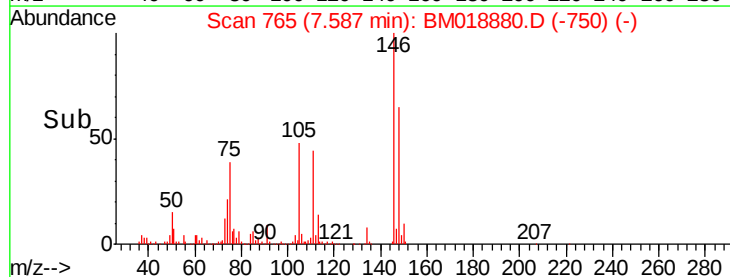
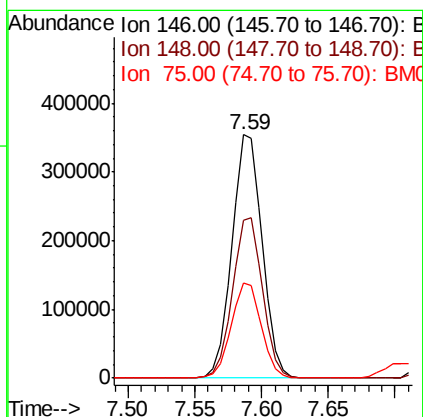
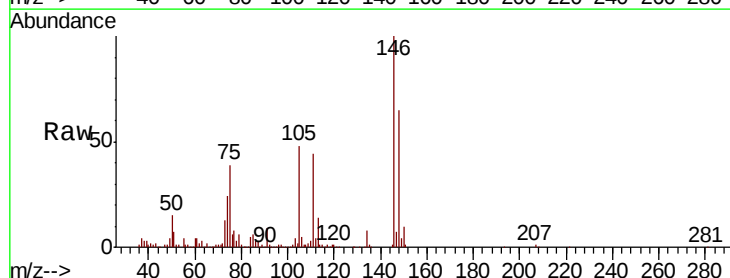
Instrument :
BNA_M
ClientSampleId :

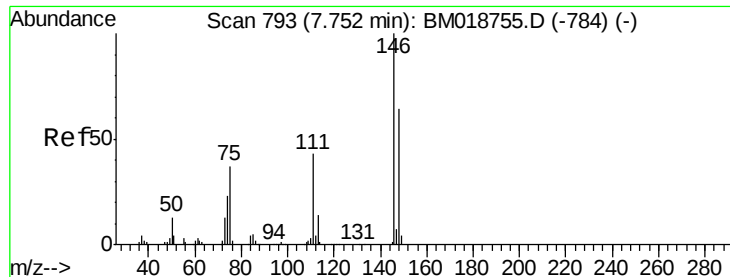
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	57.0	97.0
95	31.9	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 28.402 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	39.1	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 28.871 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampled :

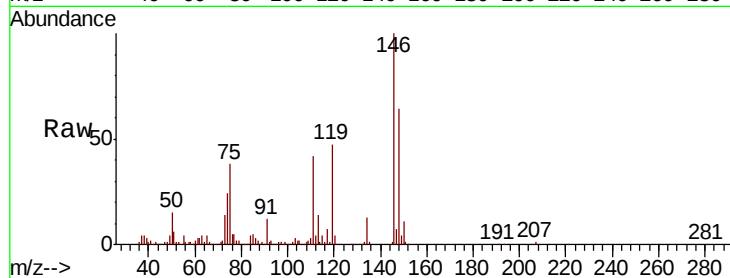
Tot Ion:146 Resp: 577347

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

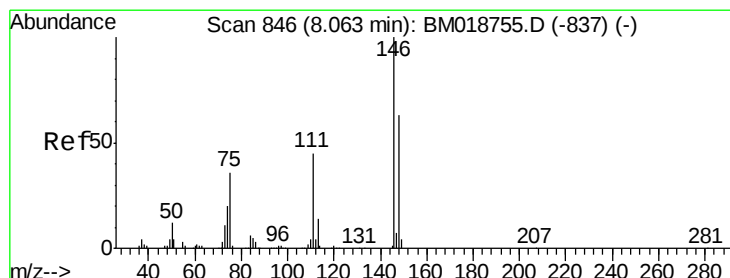
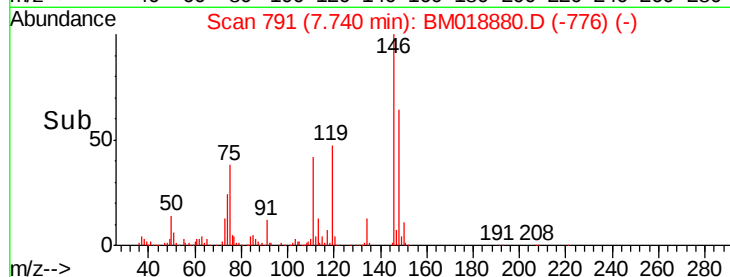
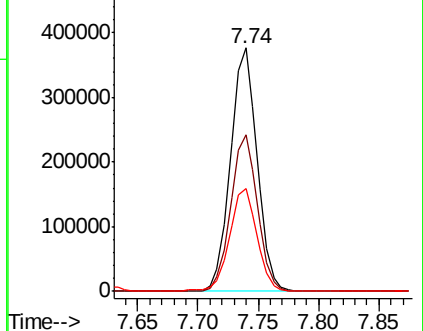
111 42.1 34.6 52.0



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: 29.528 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

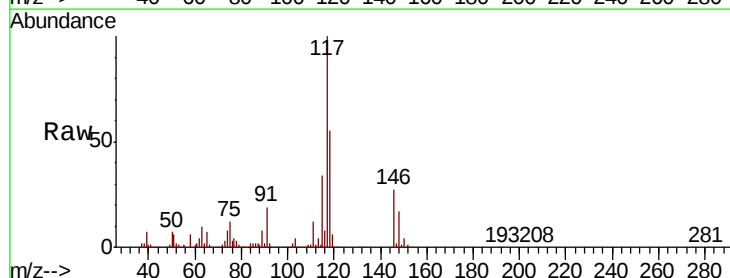
Tgt Ion:146 Resp: 567203

Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

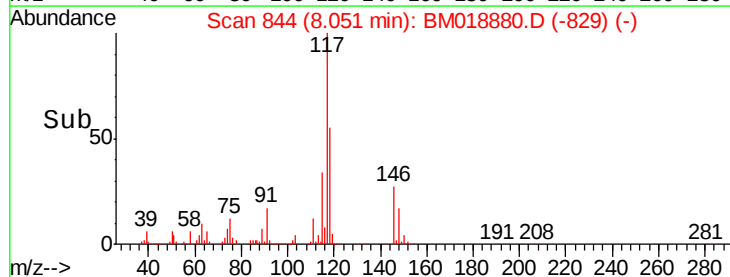
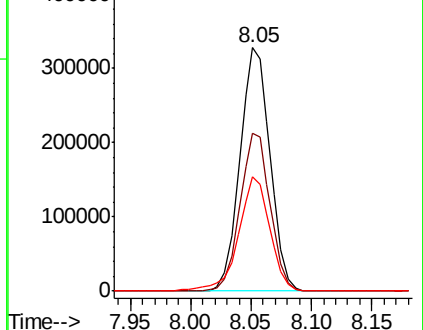
111 46.7 35.9 53.9

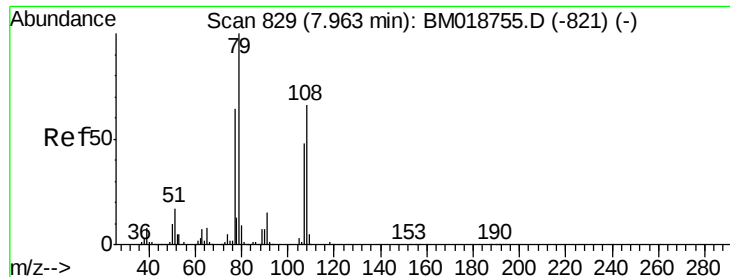


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 18.969 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

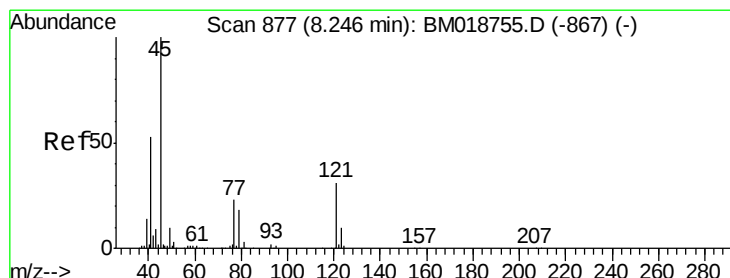
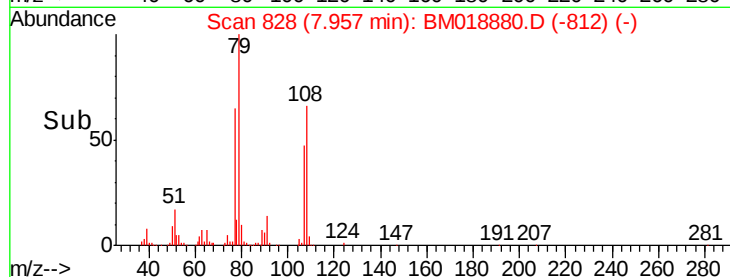
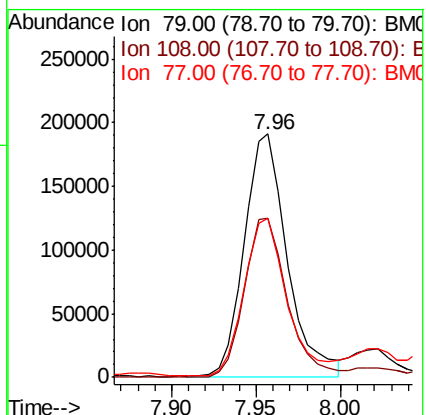
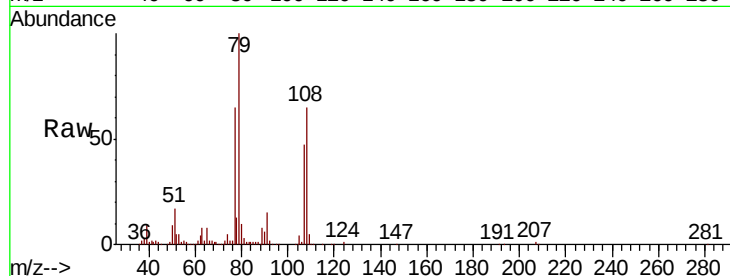
Tot Ion: 79 Resp: 337842

Ion Ratio Lower Upper

79 100

108 65.3 52.7 79.1

77 65.4 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.337 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

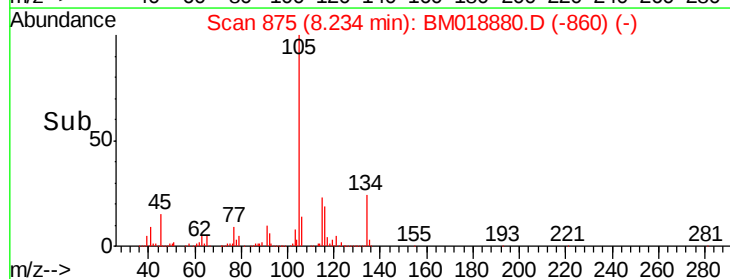
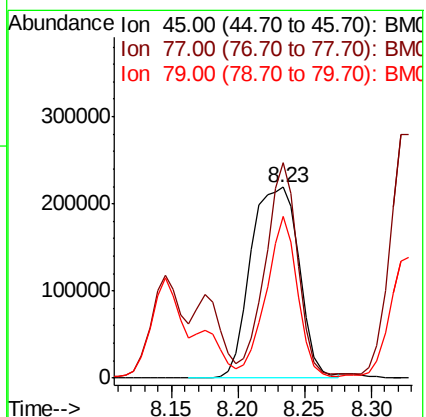
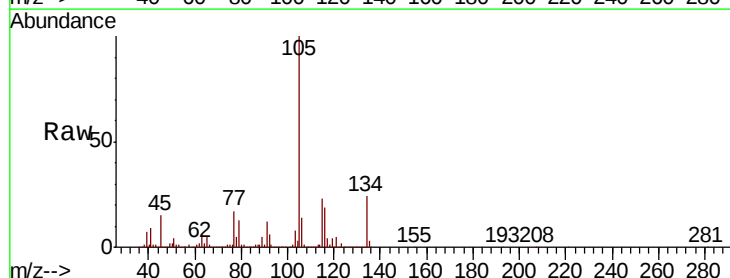
Tgt Ion: 45 Resp: 545672

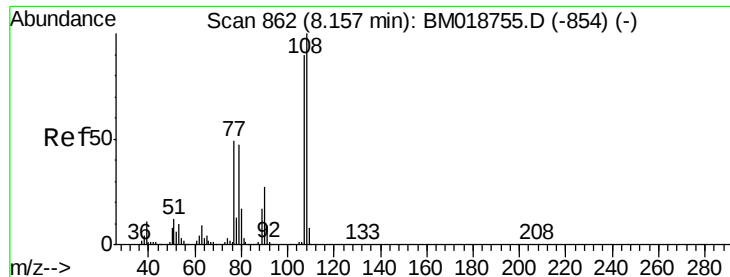
Ion Ratio Lower Upper

45 100

77 113.1 5.0 45.0#

79 84.7 0.0 39.3#

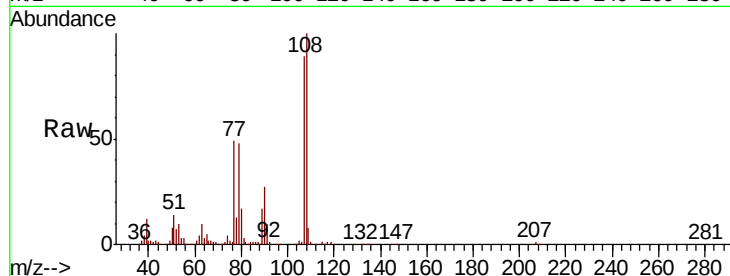




#17
2-Methylphenol
Concen: 22.462 ng
RT: 8.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	88.8	133.2
77	55.2	44.0	66.0
79	53.6	42.4	63.6



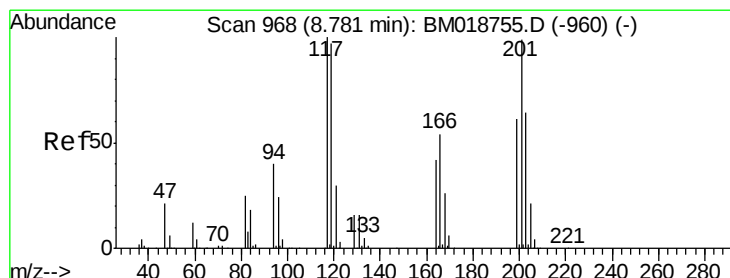
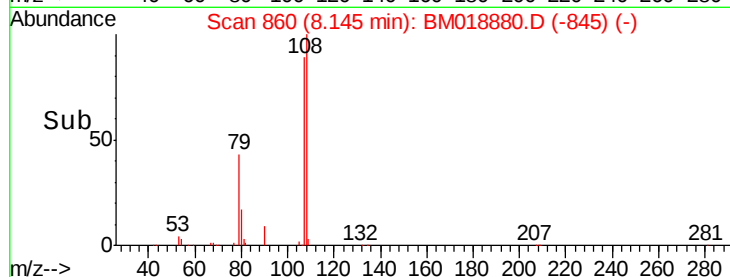
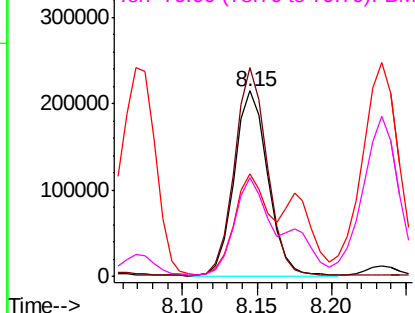
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

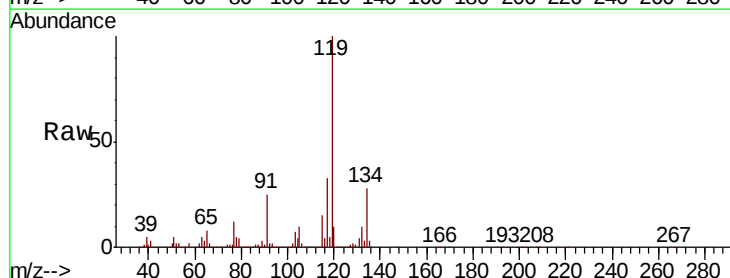
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 174.975 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	304.9	77.9	116.9#
201	0.8	79.2	118.8#

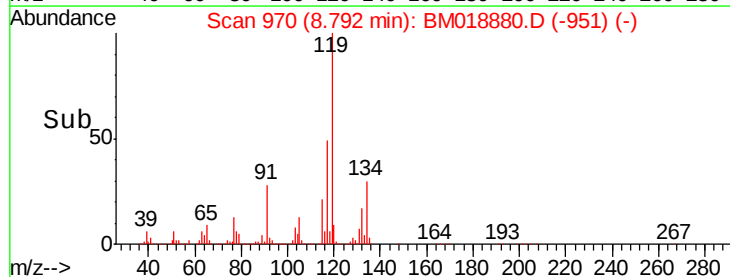
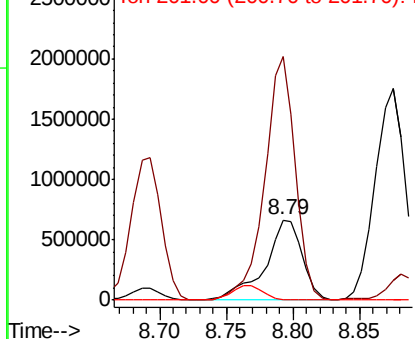


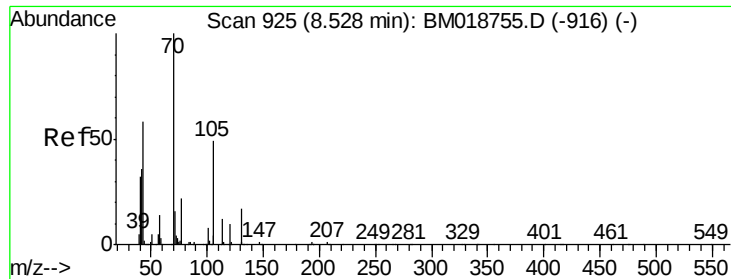
Abundance

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

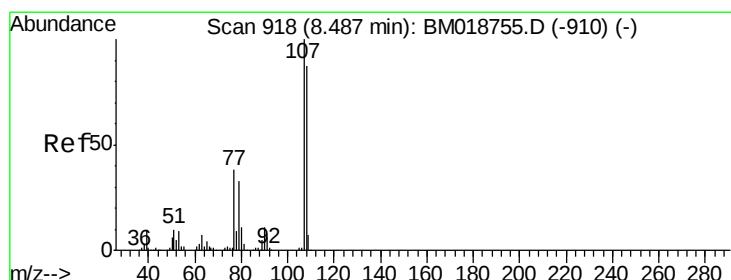
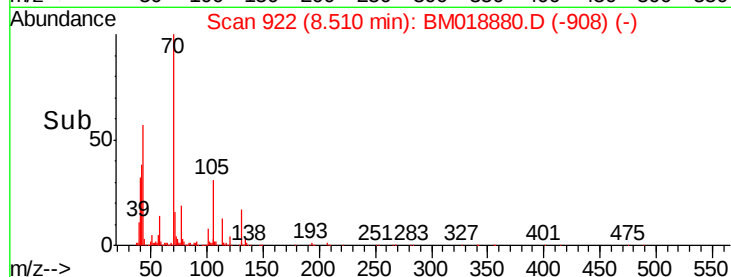
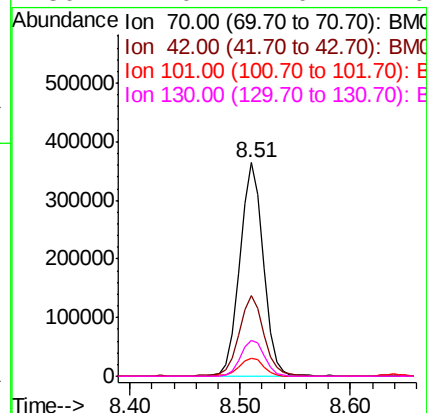
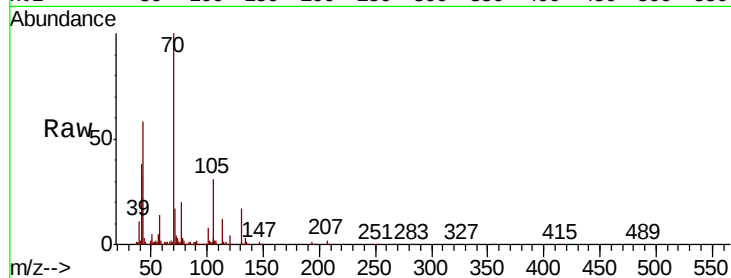




#19
n-Nitroso-di-n-propylamine
Concen: 31.188 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

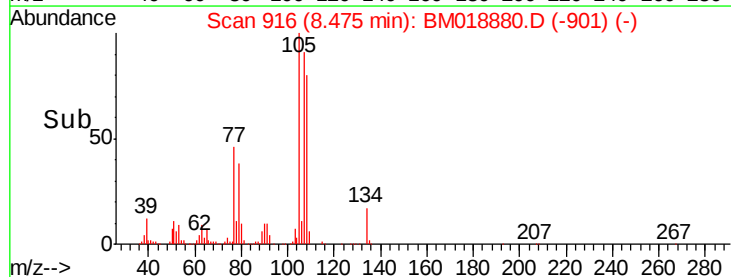
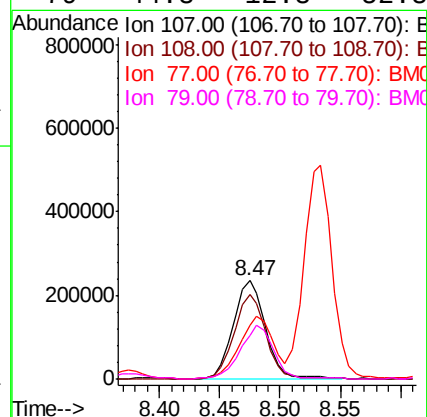
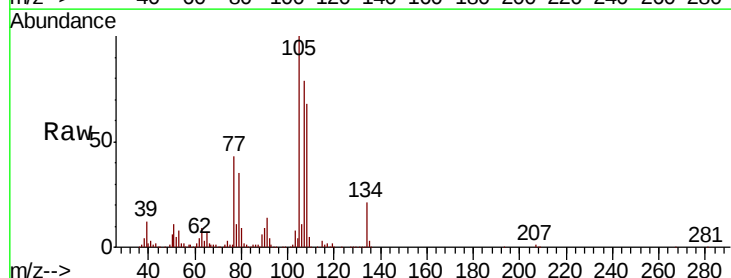
Instrument :
BNA_M
ClientSampleId :

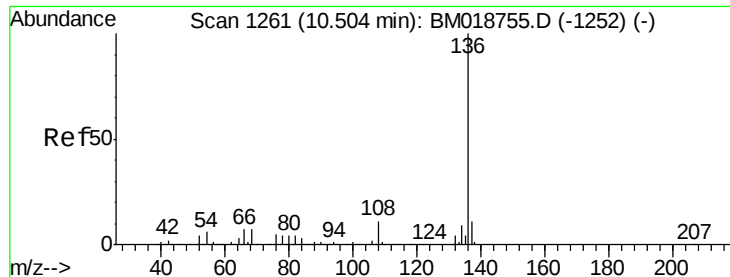
Tot Ion:	70	Resp:	541271
Ion	Ratio	Lower	Upper
70	100		
42	37.8	29.4	44.0
101	8.5	6.7	10.1
130	17.0	14.0	21.0



#20
3+4-Methylphenols
Concen: 20.989 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion:	107	Resp:	435074
Ion	Ratio	Lower	Upper
107	100		
108	86.3	67.3	107.3
77	55.1	18.0	58.0
79	44.8	12.8	52.8

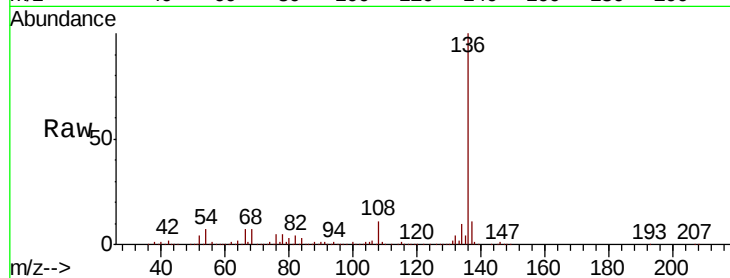




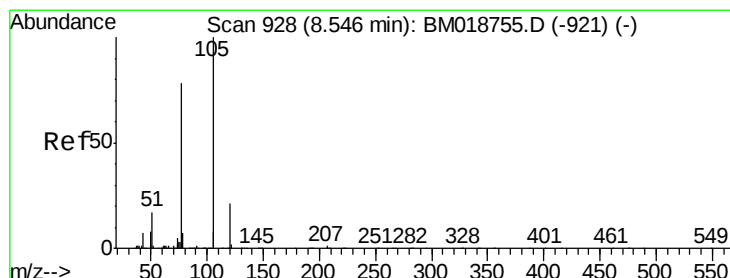
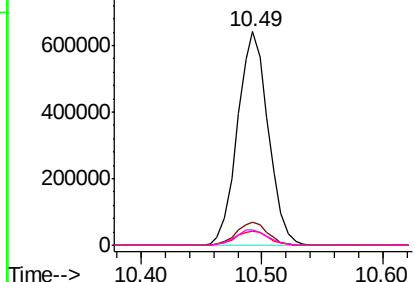
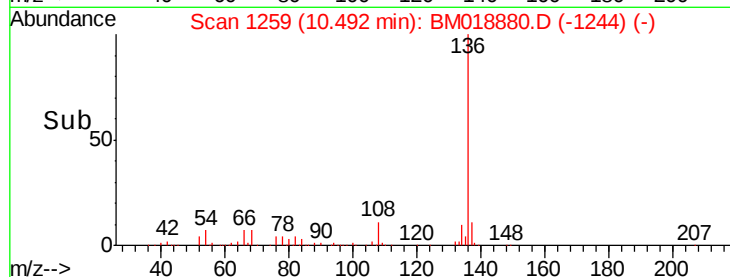
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:136	Resp: 1138146
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 6.8	5.0 7.6
68 7.4	5.5 8.3

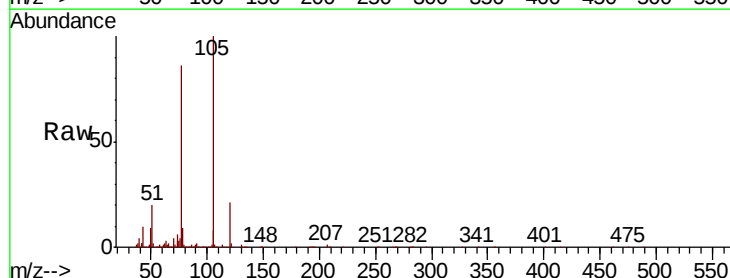


Abundance Ion 136.00 (135.70 to 136.70): E
1000000 Ion 137.00 (136.70 to 137.70): E
800000 Ion 54.00 (53.70 to 54.70): BM
600000 Ion 68.00 (67.70 to 68.70): BM

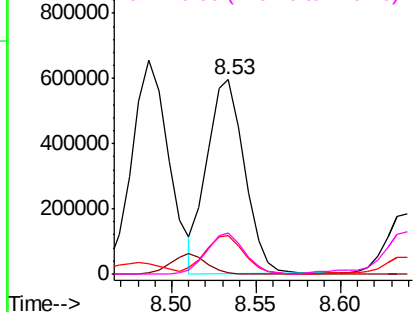
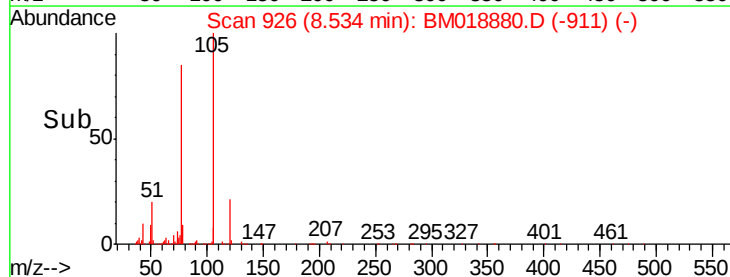


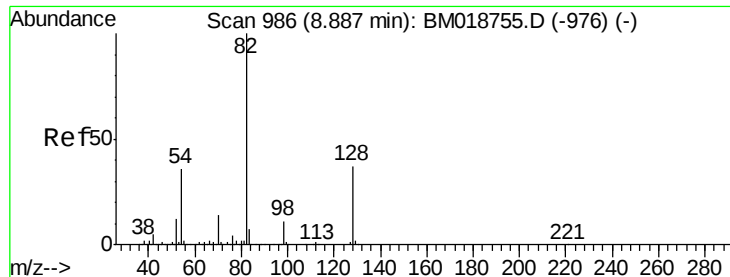
#22
Acetophenone
Concen: 29.446 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt	Ion:105	Resp:	920339
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.1	1.7#
51	20.0	15.5	23.3
120	20.9	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
1000000 Ion 71.00 (70.70 to 71.70): BM
800000 Ion 51.00 (50.70 to 51.70): BM
600000 Ion 120.00 (119.70 to 120.70): E

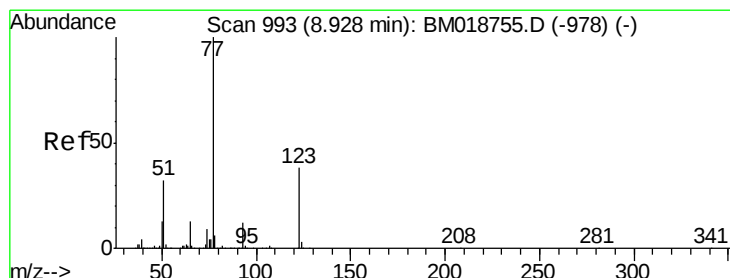
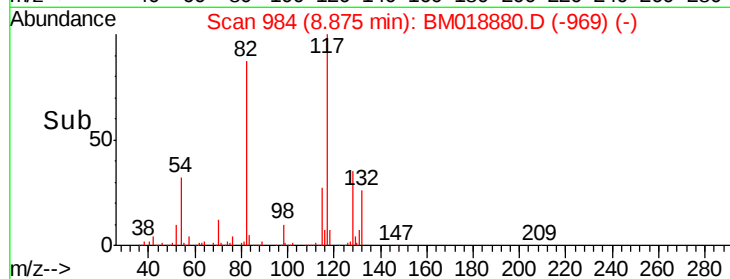
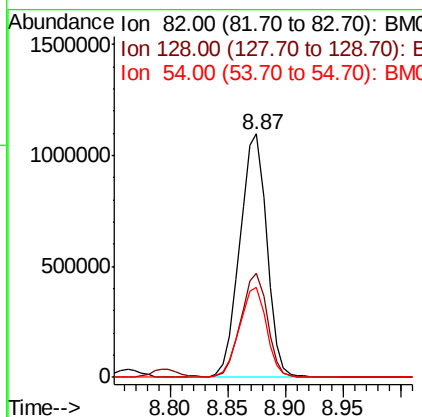
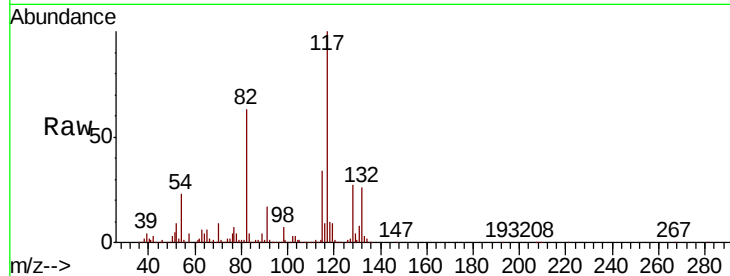




#23
 Nitrobenzene-d5
 Concen: 72.499 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

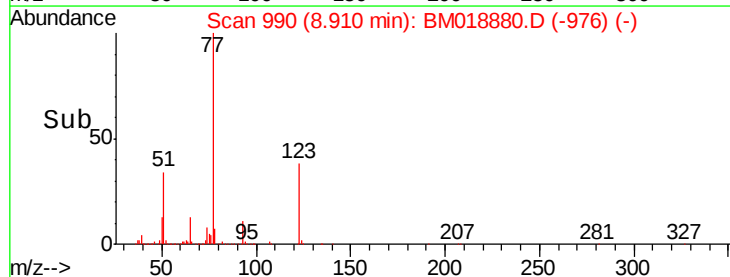
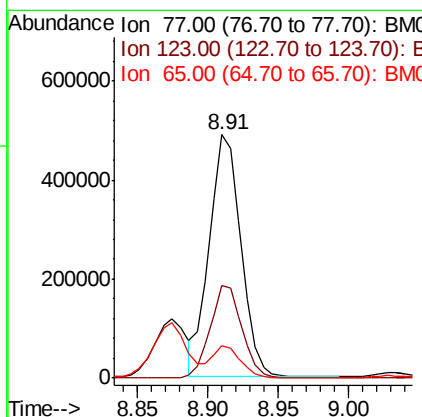
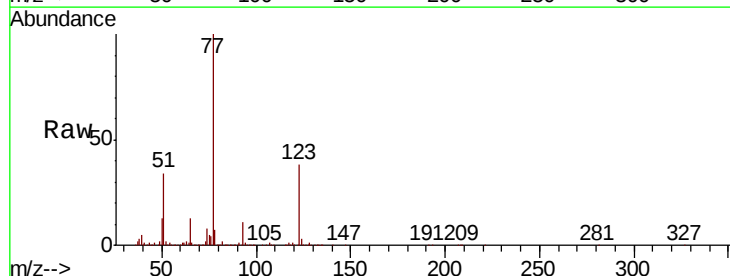
Instrument :
 BNA_M
 ClientSampled :

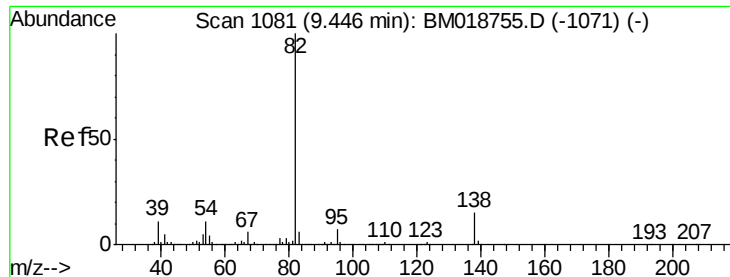
Tot Ion: 82 Resp: 1784538
 Ion Ratio Lower Upper
 82 100
 128 42.8 29.9 44.9
 54 37.1 29.1 43.7



#24
 Nitrobenzene
 Concen: 29.820 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion: 77 Resp: 761899
 Ion Ratio Lower Upper
 77 100
 123 38.1 30.7 46.1
 65 13.3 10.5 15.7

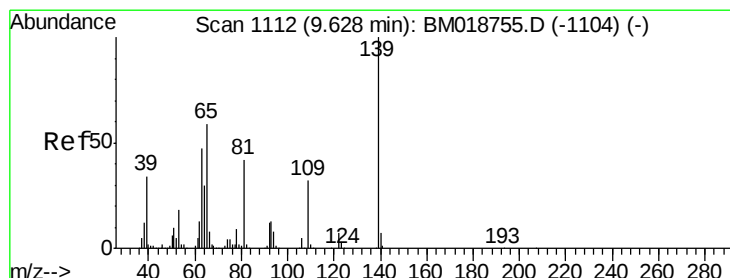
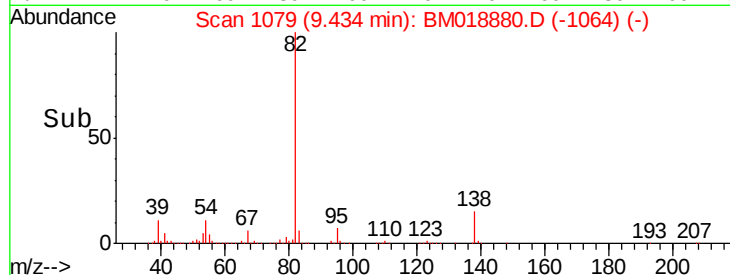
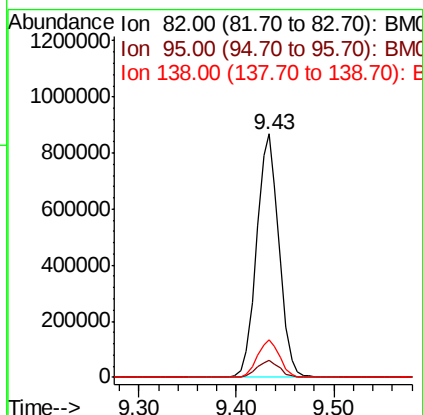
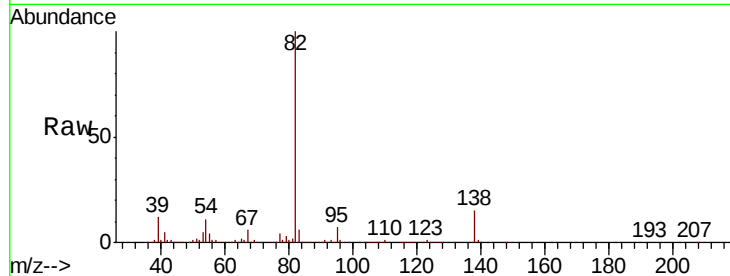




#25
Isophorone
Concen: 35.689 ng
RT: 9.43 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

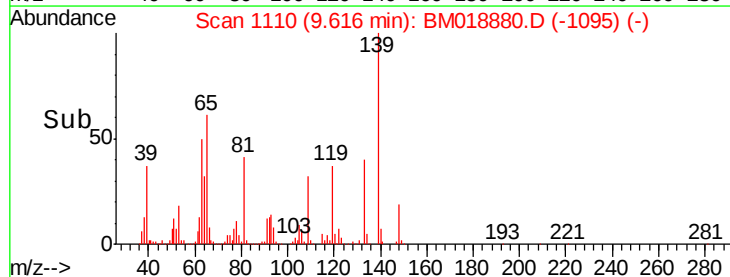
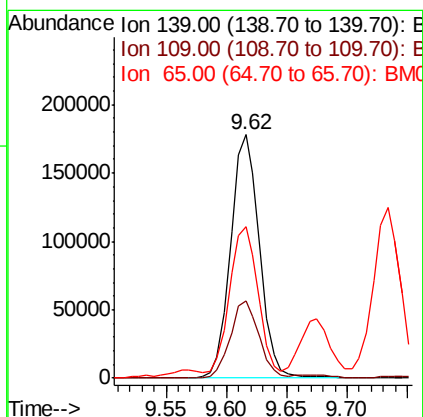
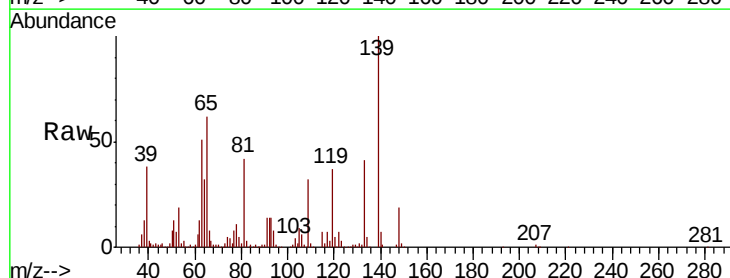
Instrument :
BNA_M
ClientSampled :

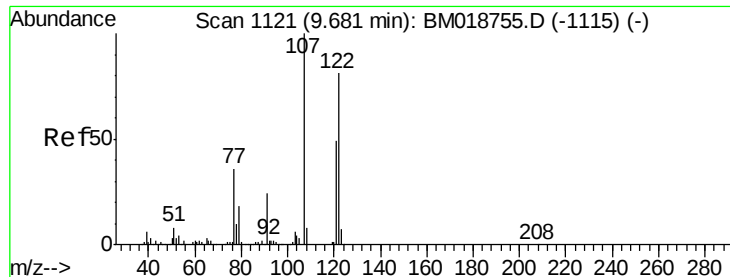
Tot Ion: 82 Resp: 1401706
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 15.2 12.3 18.5



#26
2-Nitrophenol
Concen: 29.060 ng
RT: 9.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion: 139 Resp: 295684
Ion Ratio Lower Upper
139 100
109 31.5 25.2 37.8
65 62.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 31.712 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampled :

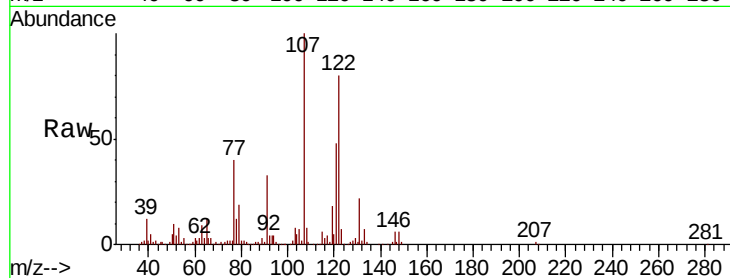
Tot Ion:122 Resp: 471277

Ion Ratio Lower Upper

122 100

107 124.9 97.6 146.4

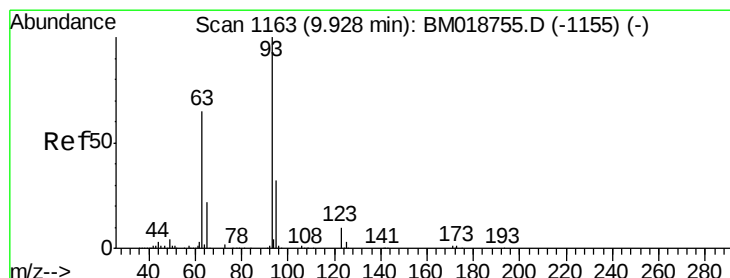
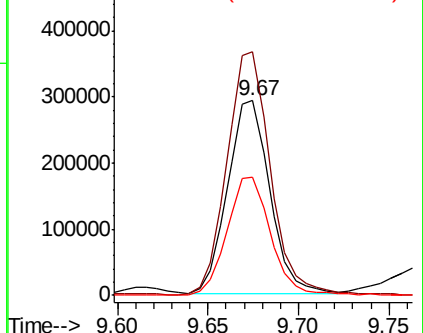
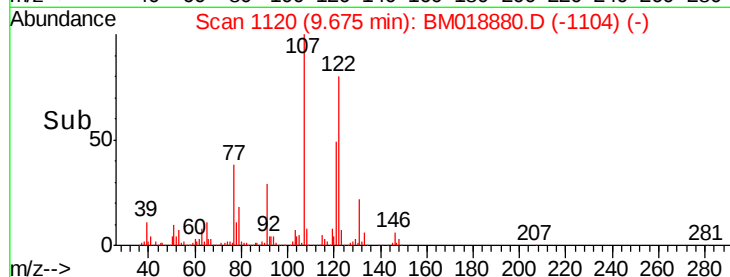
121 60.5 47.9 71.9



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: 32.334 ng

RT: 9.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

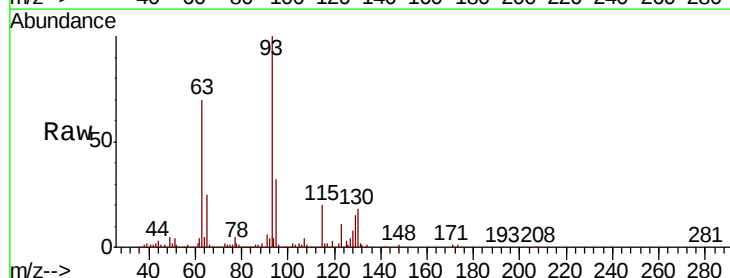
Tgt Ion: 93 Resp: 821200

Ion Ratio Lower Upper

93 100

95 32.0 25.6 38.4

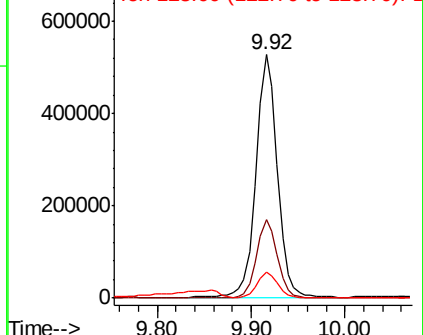
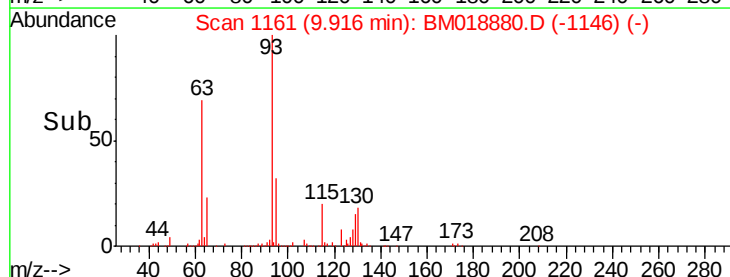
123 10.7 8.2 12.4

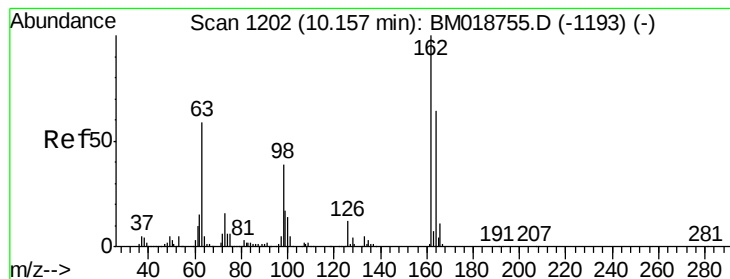


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 29.342 ng

RT: 10.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

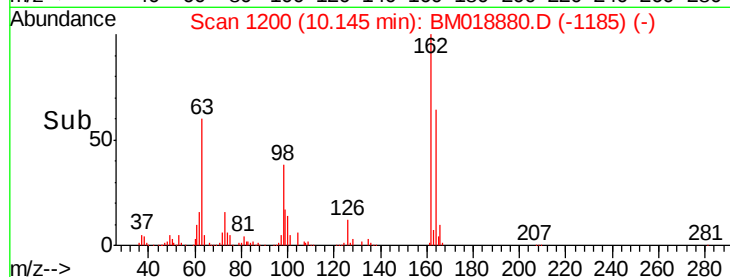
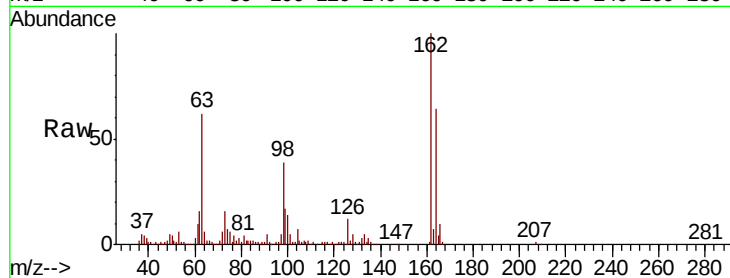
Tot Ion:162 Resp: 500694

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

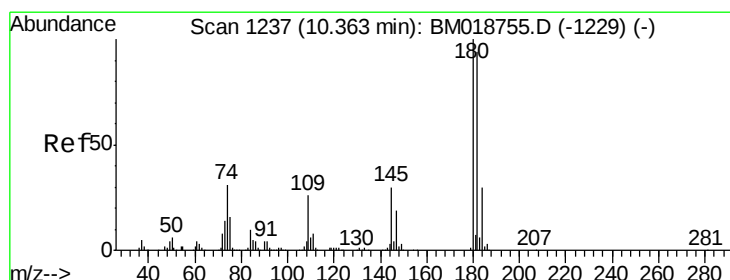
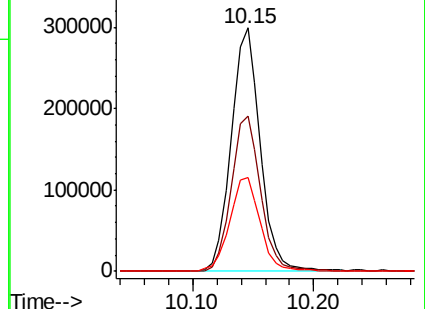
98 38.5 19.4 59.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 29.095 ng

RT: 10.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

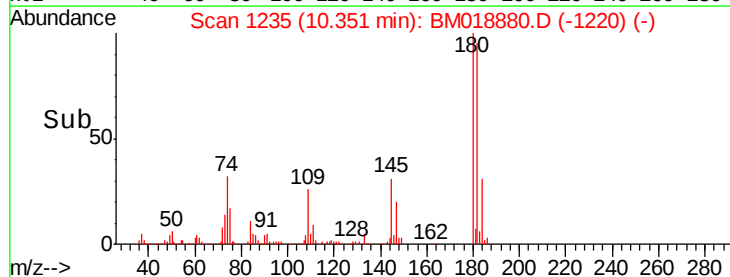
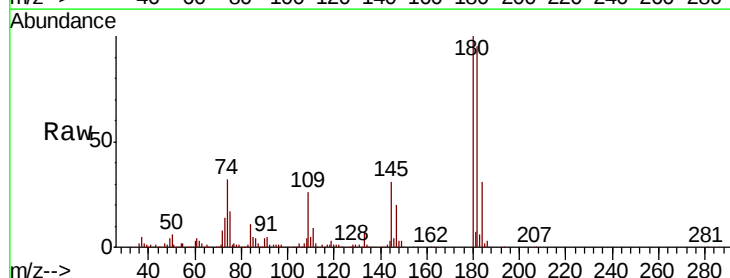
Tgt Ion:180 Resp: 573369

Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.6

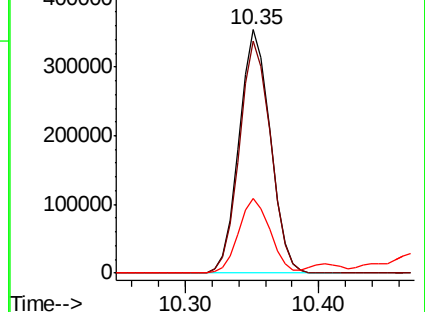
145 30.6 24.1 36.1

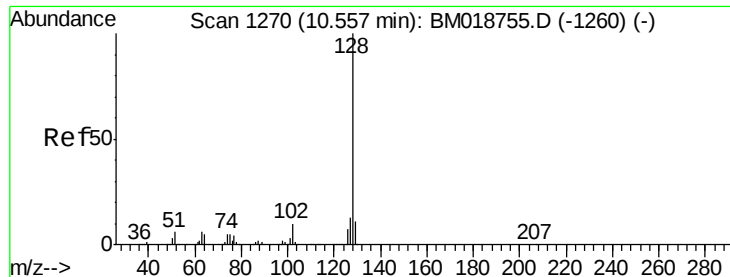


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

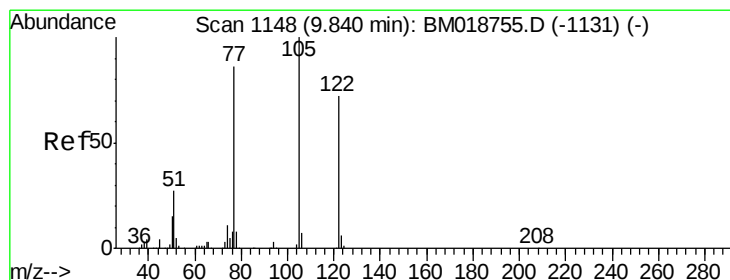
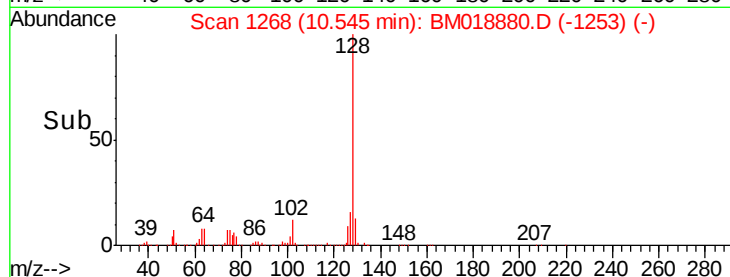
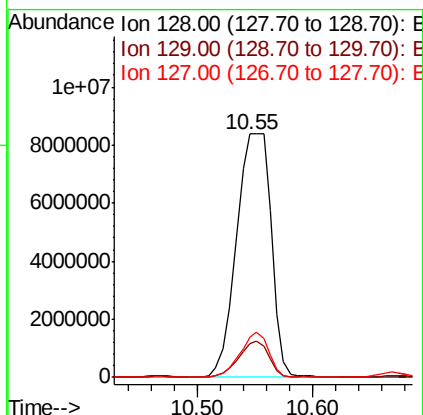
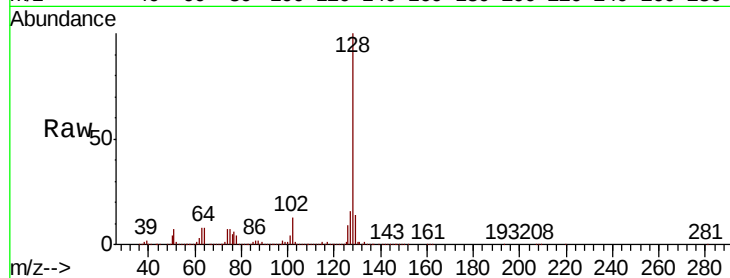




#31
Naphthalene
Concen: 314.552 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

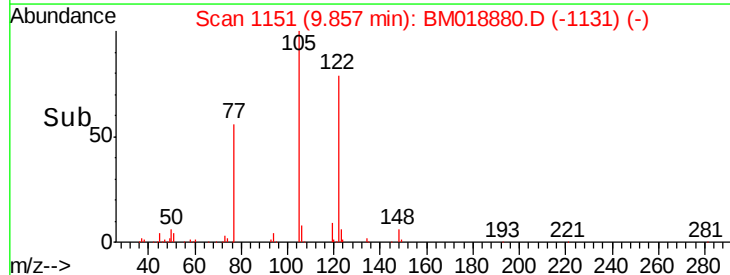
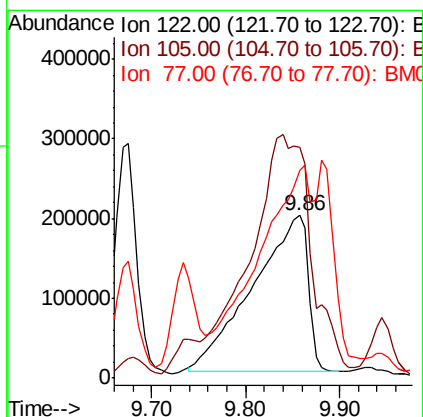
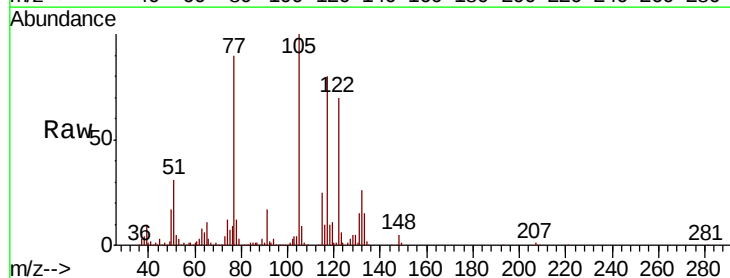
Instrument :
BNA_M
ClientSampleId :

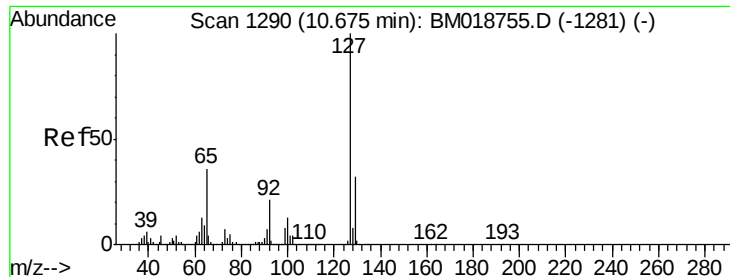
Tot Ion:128 Resp:17460269
Ion Ratio Lower Upper
128 100
129 13.7 9.0 13.4#
127 16.4 10.7 16.1#



#32
Benzoic acid
Concen: 61.827 ng
RT: 9.86 min Scan# 1151
Delta R.T. 0.02 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion:122 Resp: 801493
Ion Ratio Lower Upper
122 100
105 142.1 117.5 157.5
77 128.1 98.5 138.5

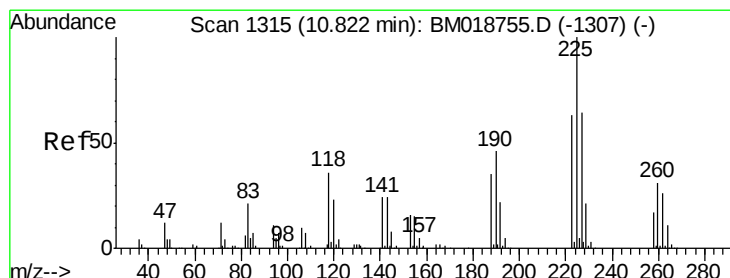
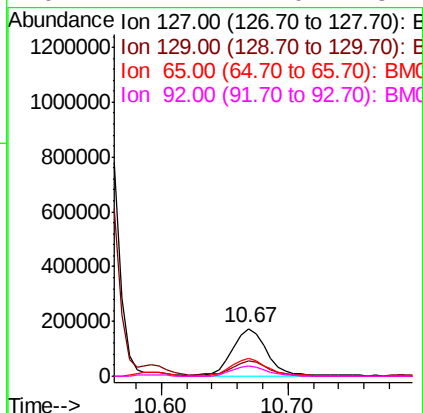
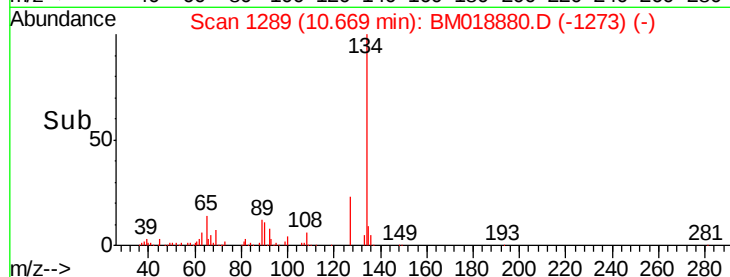
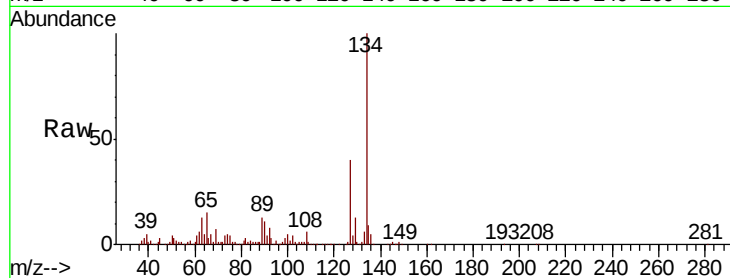




#33
4-Chloroaniline
Concen: 12.675 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

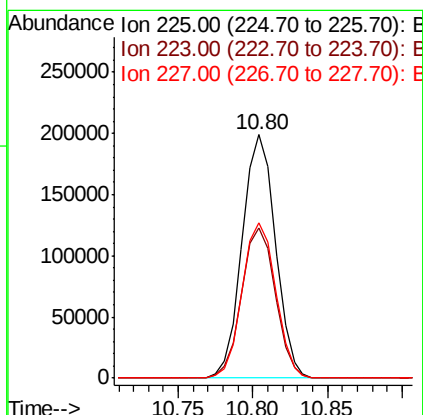
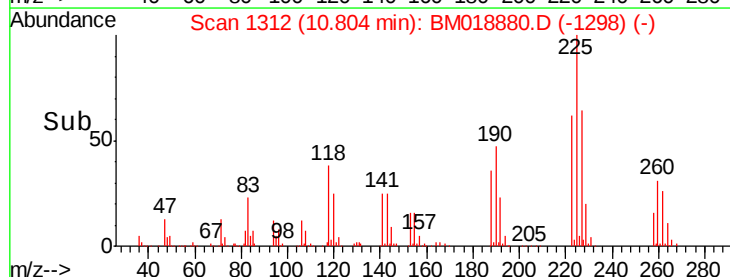
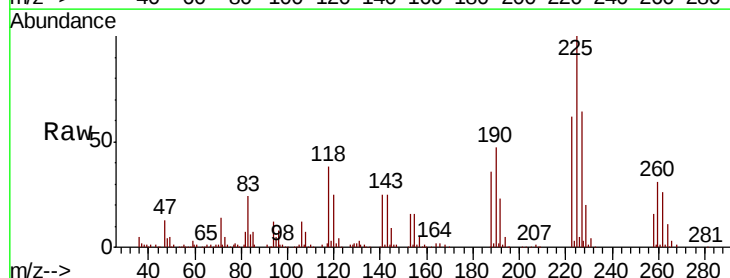
Instrument :
BNA_M
ClientSampled :

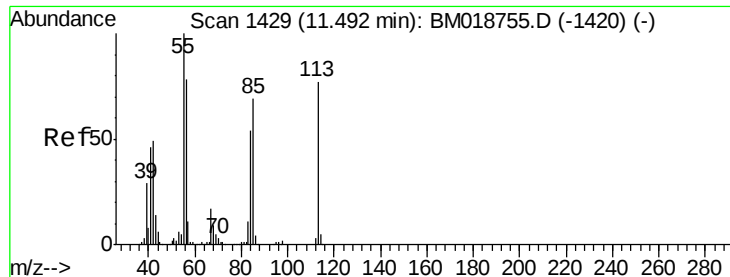
Tot Ion:	127	Resp:	314502
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	38.3	28.7	43.1
92	21.4	17.0	25.4



#34
Hexachlorobutadiene
Concen: 26.941 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion:	225	Resp:	308167
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	64.0	51.4	77.0

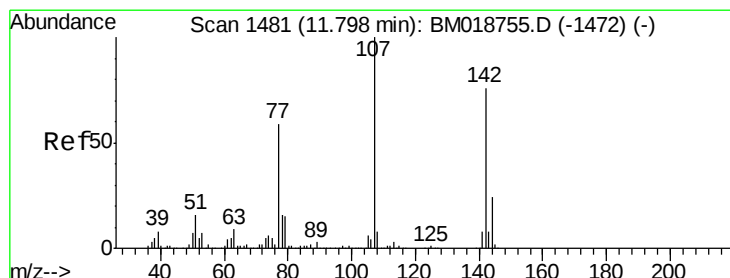
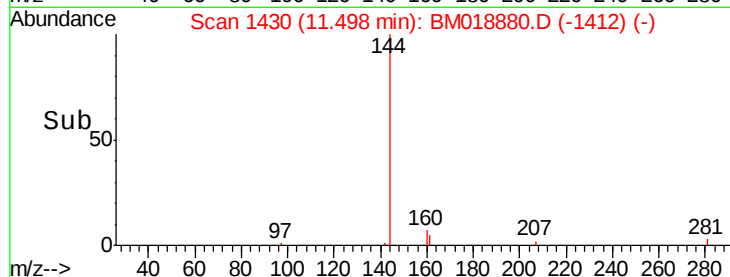
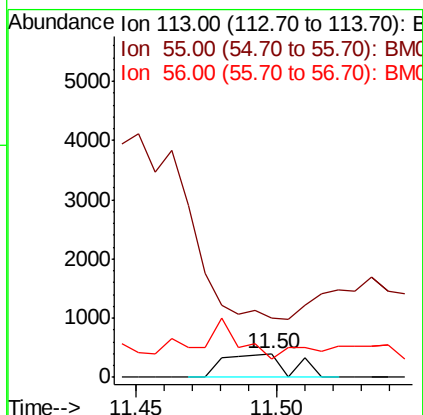
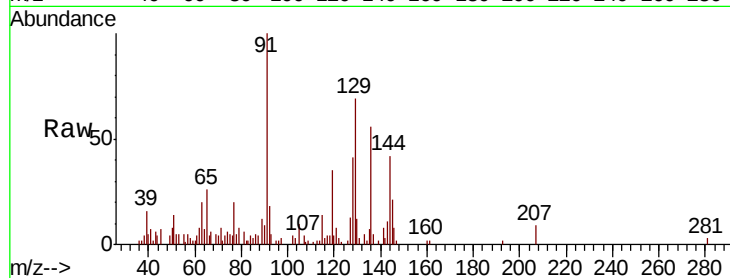




#35
 Caprolactam
 Concen: 0.091 ng
 RT: 11.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

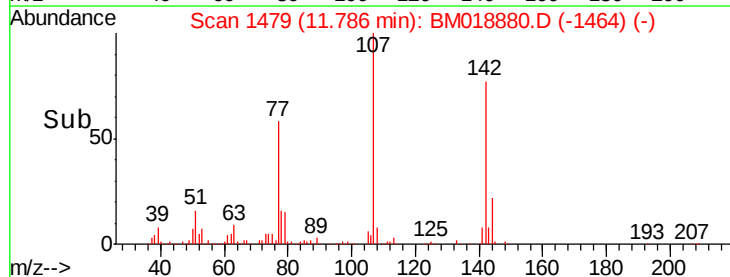
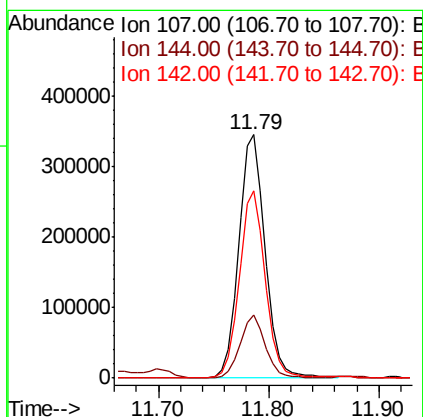
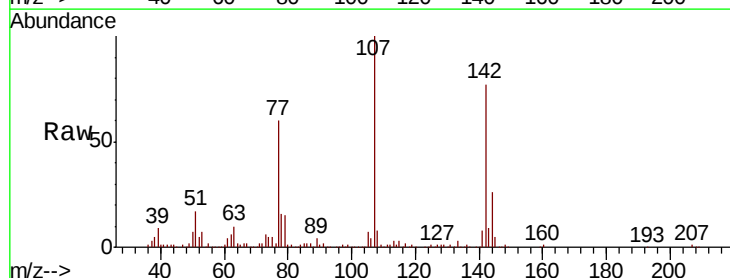
Instrument :
 BNA_M
 ClientSampled :

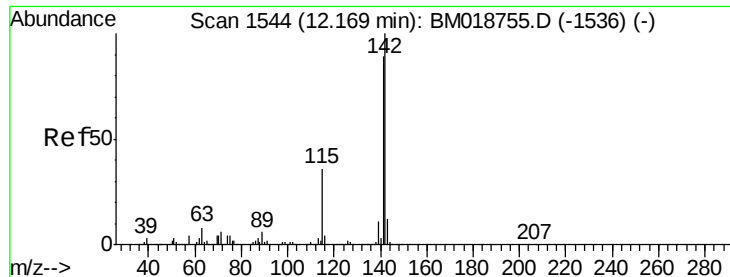
Tot Ion:113 Resp: 636
 Ion Ratio Lower Upper
 113 100
 55 246.9 110.7 150.7#
 56 78.6 82.4 122.4#



#36
 4-Chloro-3-methylphenol
 Concen: 28.161 ng
 RT: 11.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion:107 Resp: 579382
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.3 28.9
 142 76.7 60.5 90.7

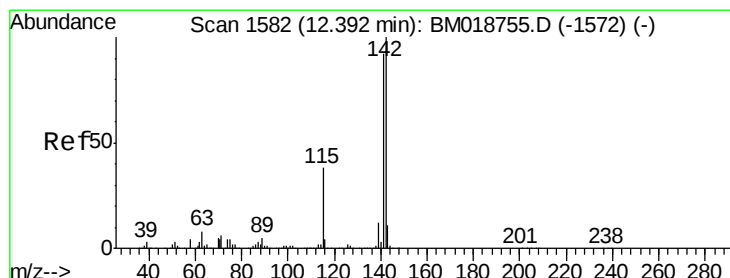
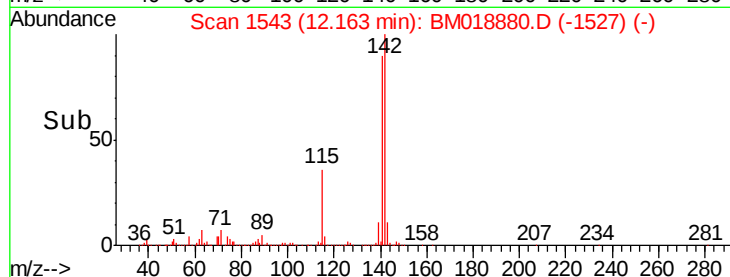
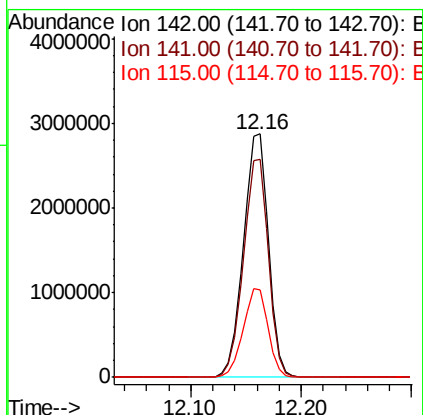
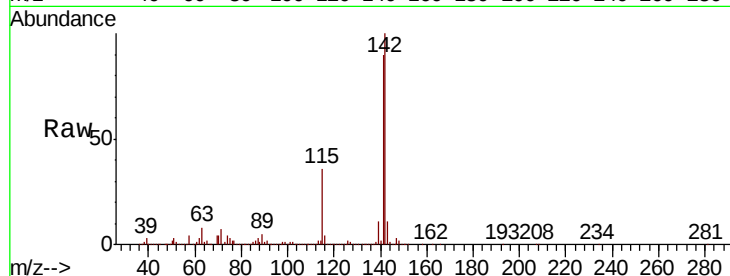




#37
 2-Methylnaphthalene
 Concen: 117.466 ng
 RT: 12.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

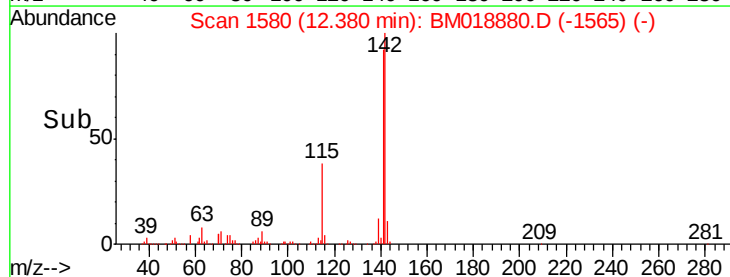
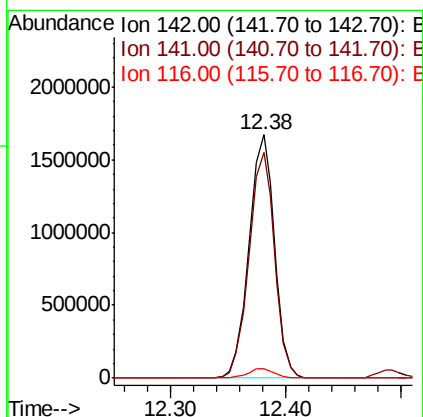
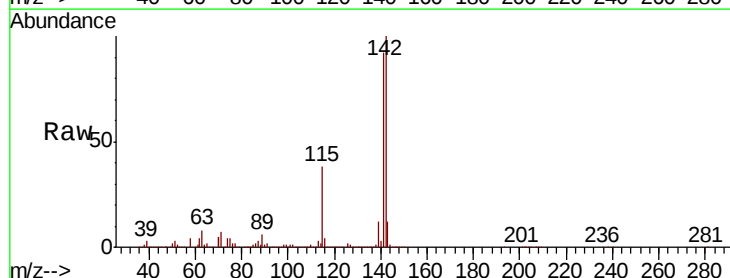
Instrument :
 BNA_M
 ClientSampleId :

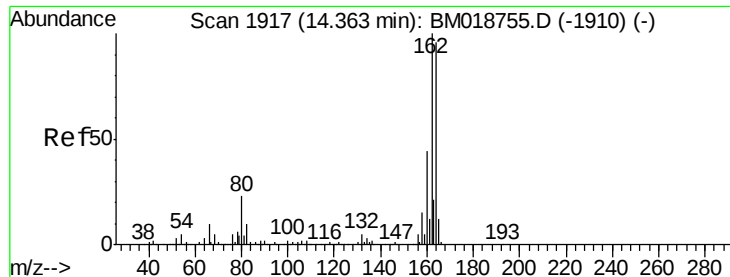
Tot Ion:142 Resp: 4590720
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.2 106.8
 115 36.0 29.1 43.7



#38
 1-Methylnaphthalene
 Concen: 67.173 ng
 RT: 12.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion:142 Resp: 2567103
 Ion Ratio Lower Upper
 142 100
 141 92.5 73.9 110.9
 116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

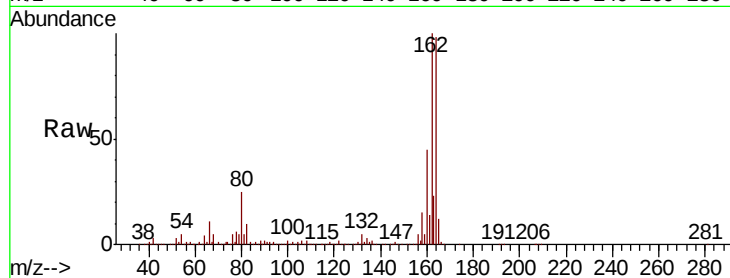
Tot Ion:164 Resp: 687741

Ion Ratio Lower Upper

164 100

162 102.0 83.4 125.0

160 45.4 36.6 55.0



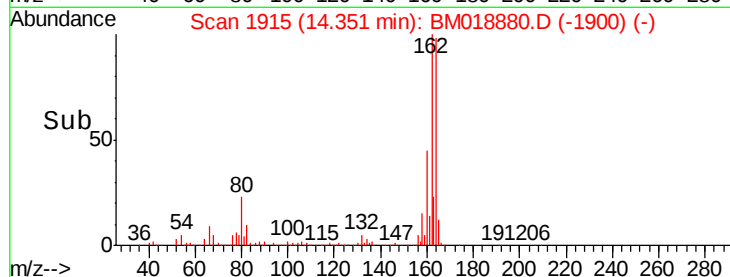
Abundance

Ion 164.00 (163.70 to 164.70): E

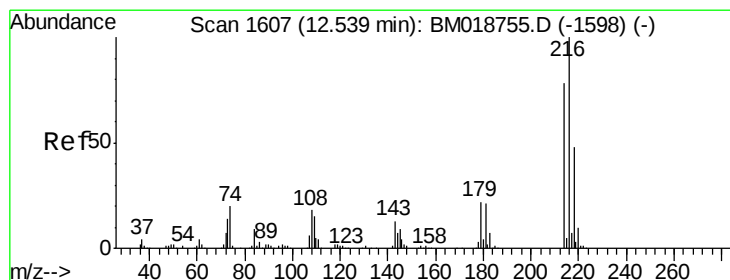
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.35



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 28.520 ng

RT: 12.52 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Tgt Ion:216 Resp: 627444

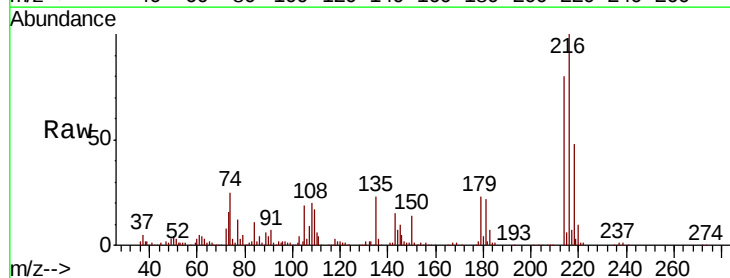
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 22.7 17.8 26.8

108 23.6 16.4 24.6



Abundance

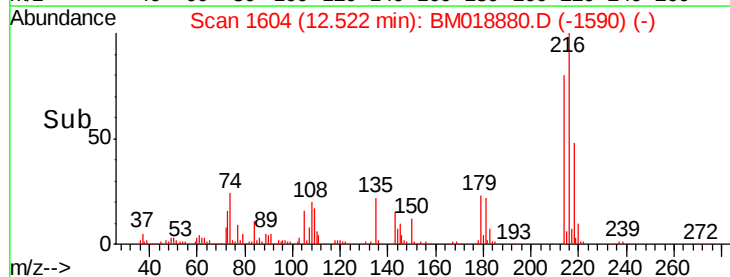
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

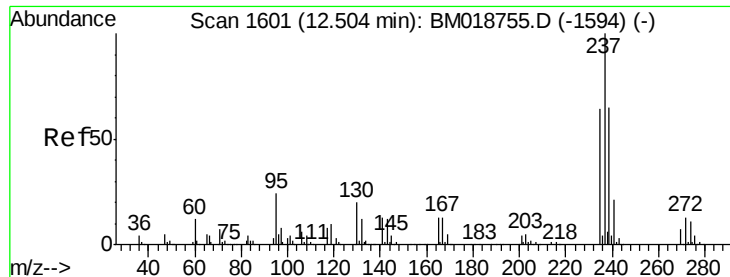
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.52



Time-->



#41

Hexachlorocyclopentadiene

Concen: 57.236 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

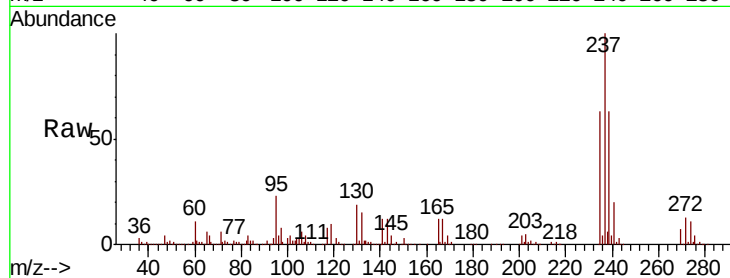
Tot Ion:237 Resp: 643799

Ion Ratio Lower Upper

237 100

235 62.8 43.7 83.7

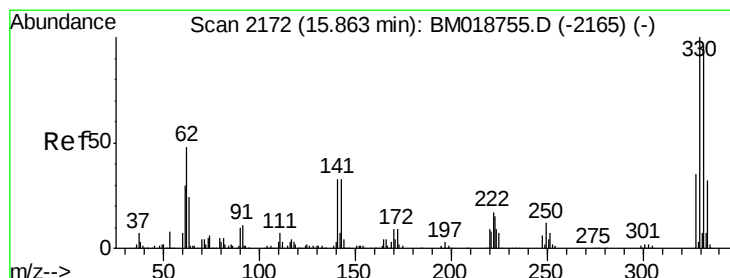
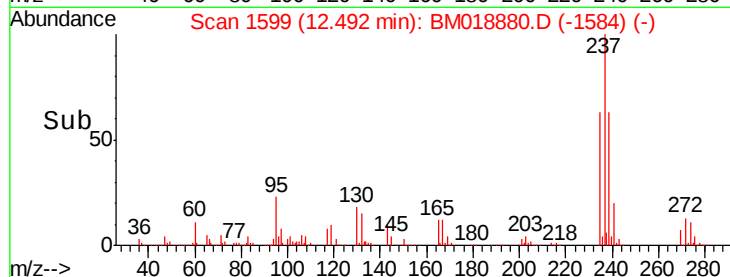
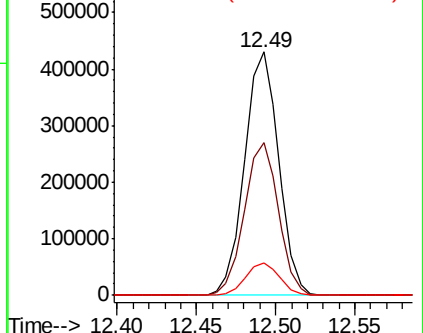
272 13.1 0.0 33.3



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: 113.442 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

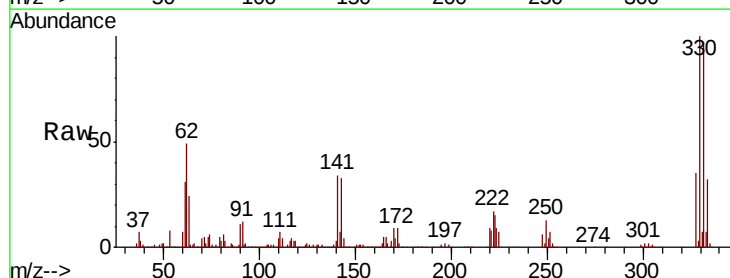
Tgt Ion:330 Resp: 1124617

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

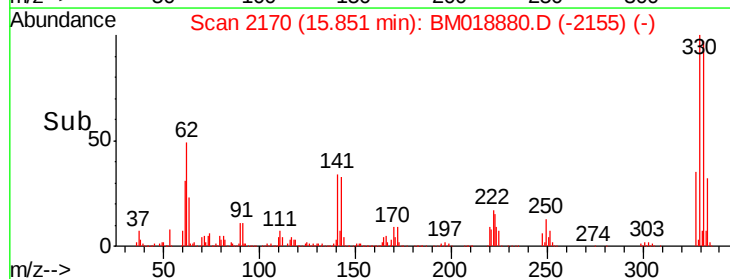
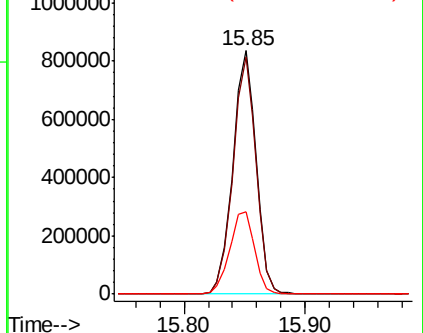
141 36.2 28.7 43.1



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

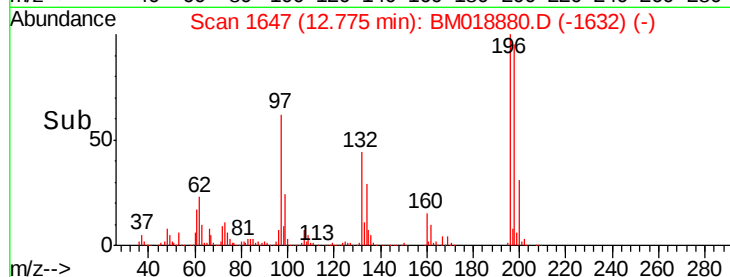
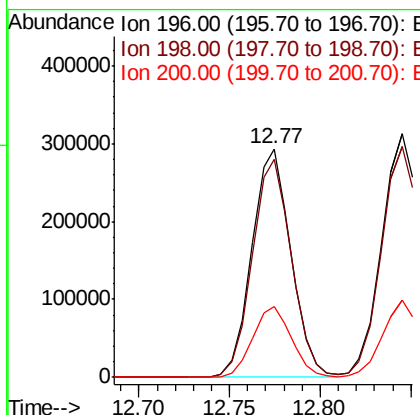
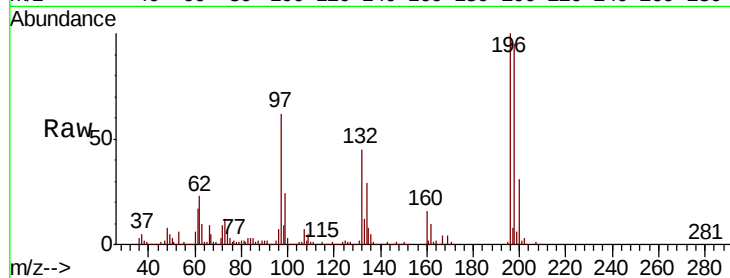




#43
 2,4,6-Trichlorophenol
 Concen: 30.185 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

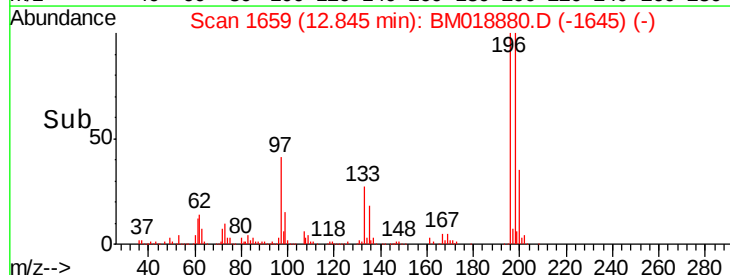
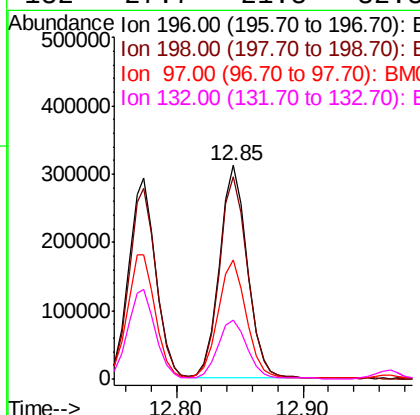
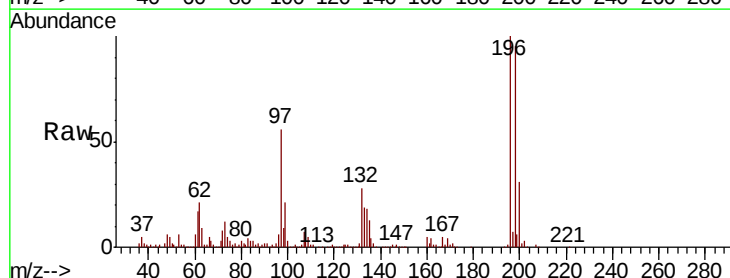
Instrument :
 BNA_M
 ClientSampleId :

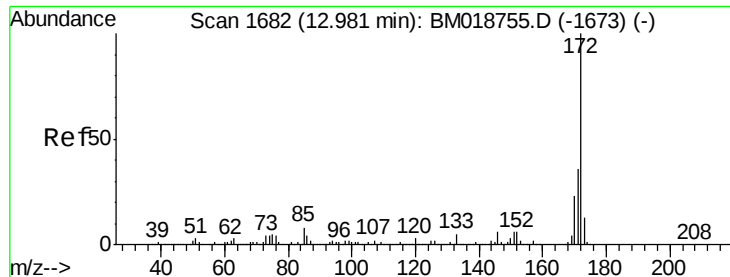
Tot Ion:196 Resp: 439618
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.2
 200 30.7 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 31.068 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion:196 Resp: 474263
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.6 116.4
 97 55.9 42.8 64.2
 132 27.7 21.8 32.8

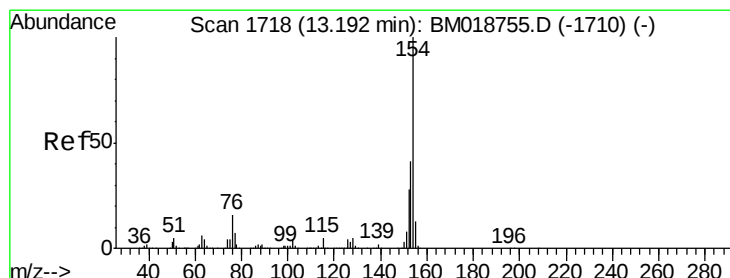
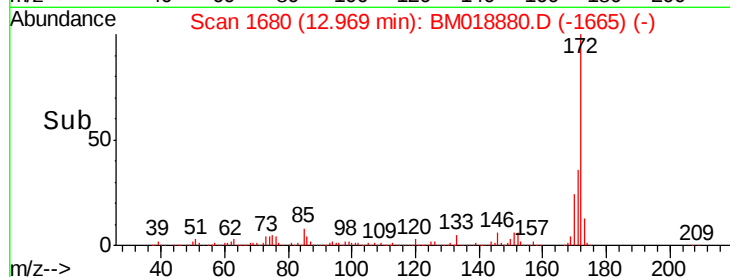
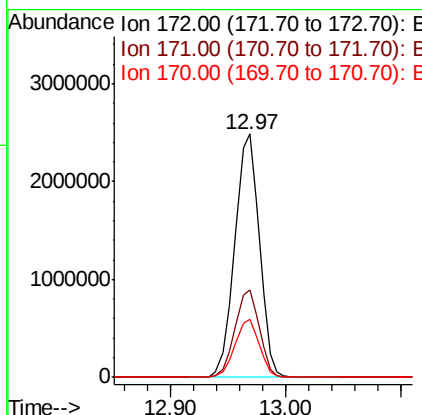
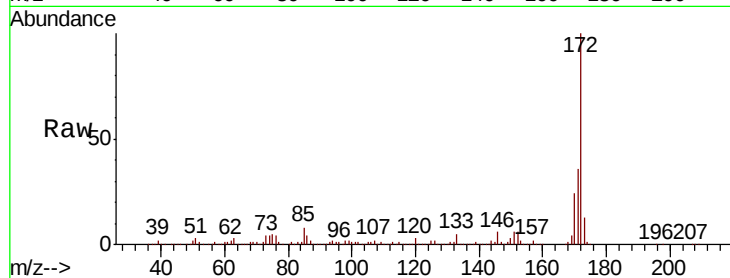




#45
2-Fluorobiphenyl
Concen: 70.715 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

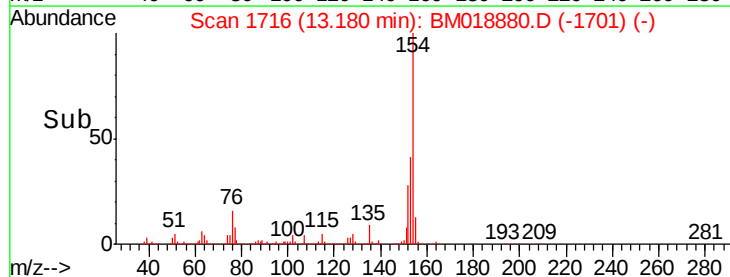
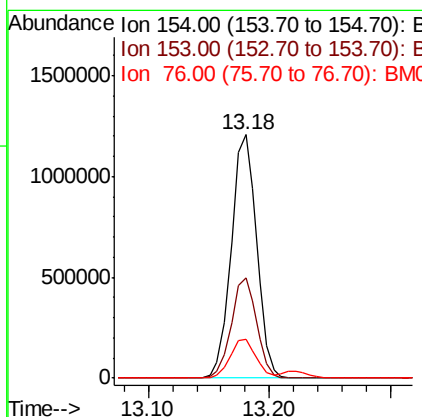
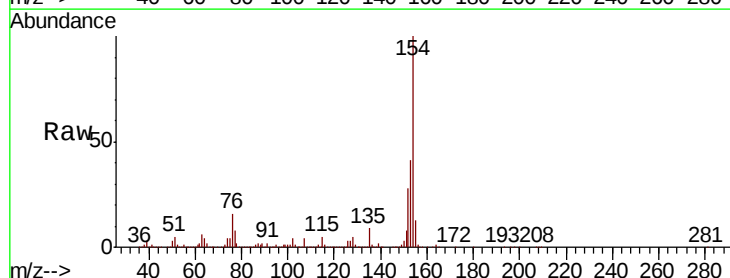
Instrument :
BNA_M
ClientSampleId :

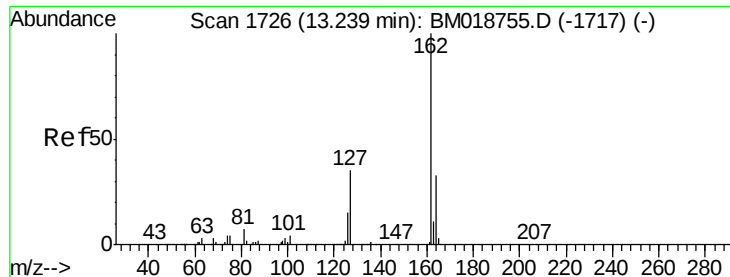
Tot Ion:172 Resp: 3663634
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 29.929 ng
RT: 13.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion:154 Resp: 1771796
Ion Ratio Lower Upper
154 100
153 41.0 21.1 61.1
76 15.9 0.0 35.7

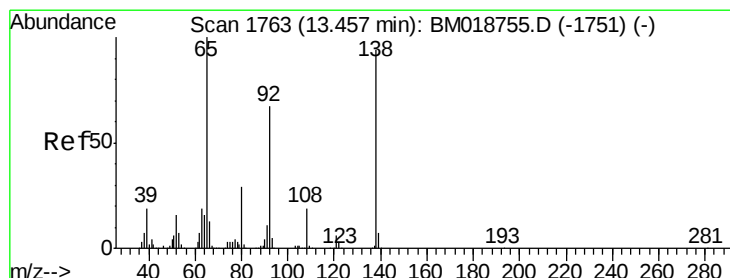
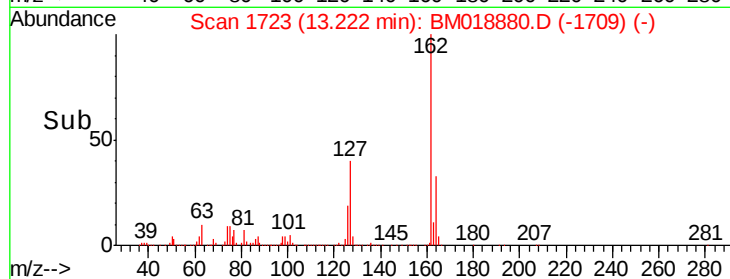
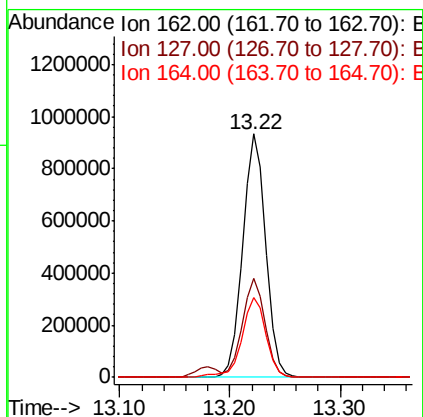
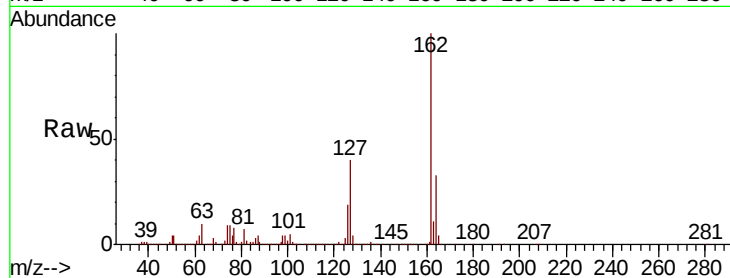




#47
 2-Chloronaphthalene
 Concen: 29.832 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

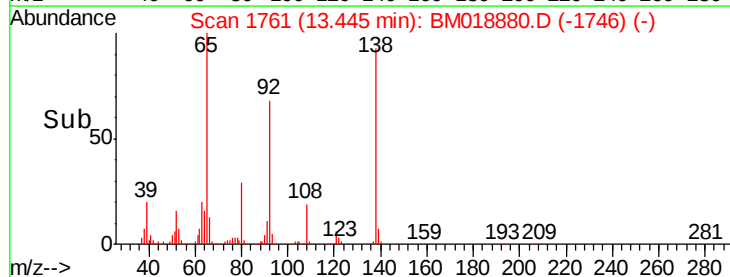
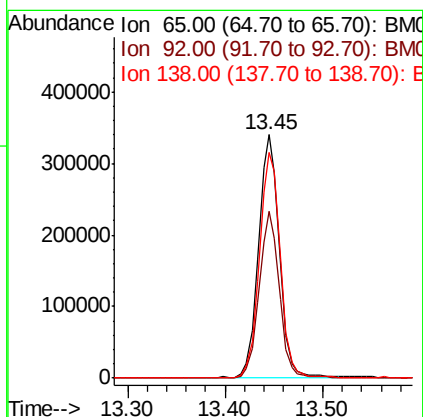
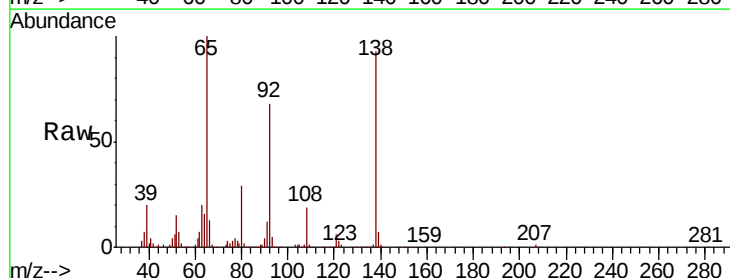
Instrument :
 BNA_M
 ClientSampleId :

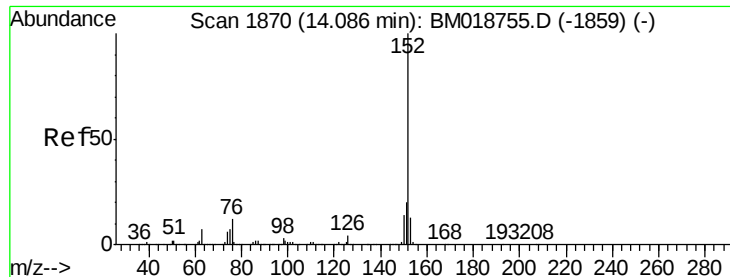
Tot Ion:162 Resp: 1364070
 Ion Ratio Lower Upper
 162 100
 127 40.4 31.1 46.7
 164 32.6 26.4 39.6



#48
 2-Nitroaniline
 Concen: 33.612 ng
 RT: 13.45 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion: 65 Resp: 510429
 Ion Ratio Lower Upper
 65 100
 92 68.4 54.0 81.0
 138 92.7 74.9 112.3





#49

Acenaphthylene

Concen: 33.536 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

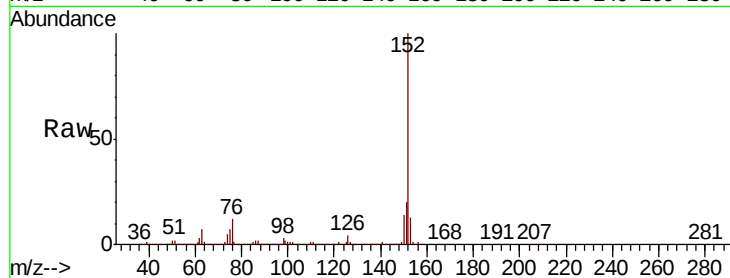
Tot Ion:152 Resp: 2283270

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

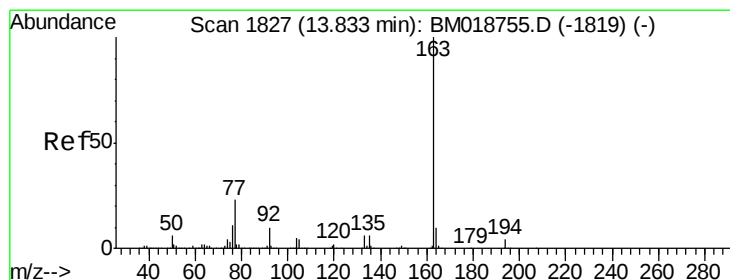
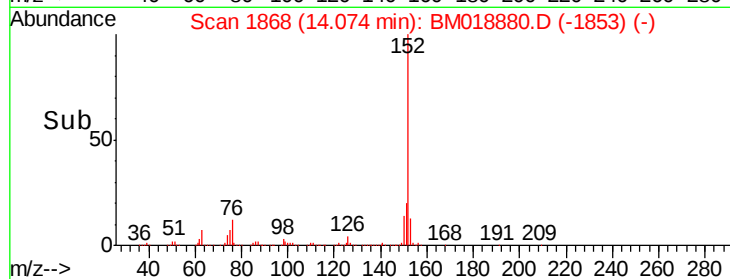
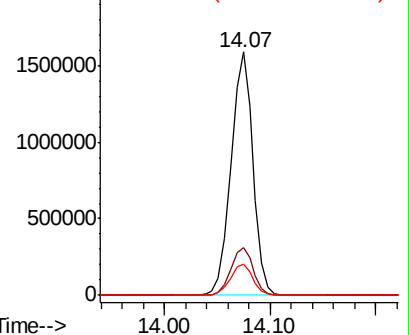
153 12.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 31.760 ng

RT: 13.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

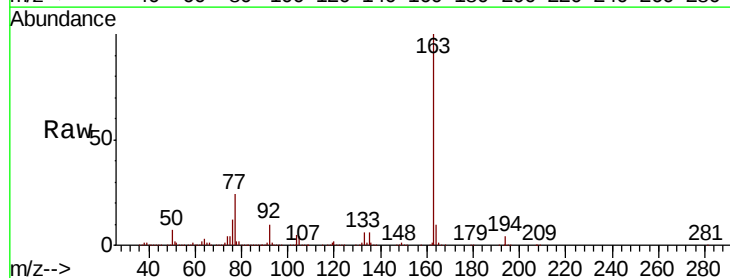
Tgt Ion:163 Resp: 1820356

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

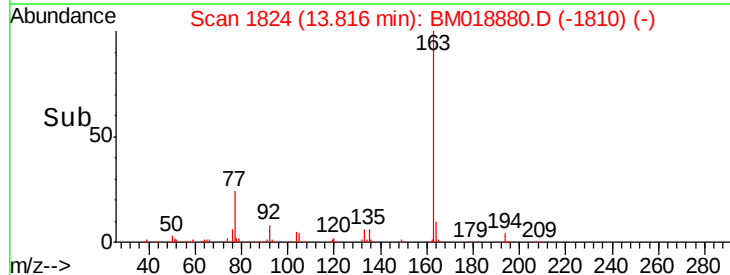
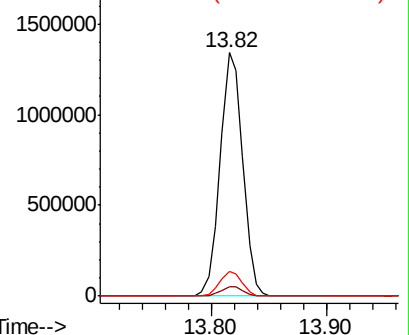
164 10.2 7.8 11.8

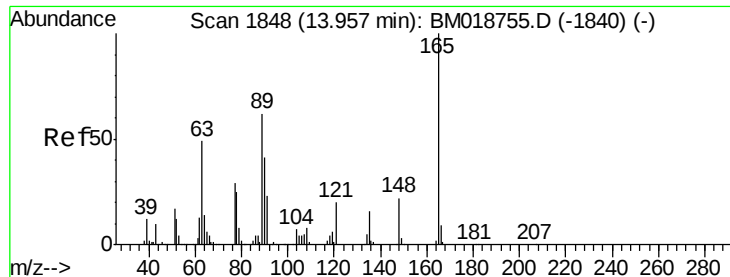


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 32.358 ng

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

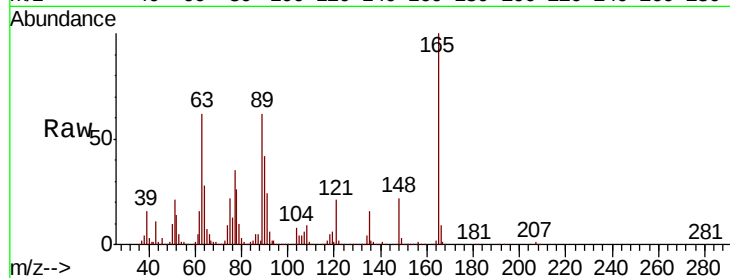
Tot Ion:165 Resp: 401755

Ion Ratio Lower Upper

165 100

63 61.9 48.9 73.3

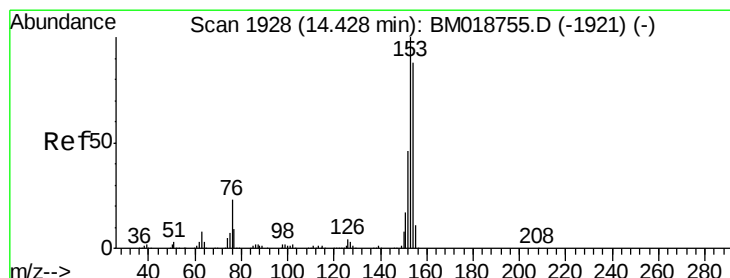
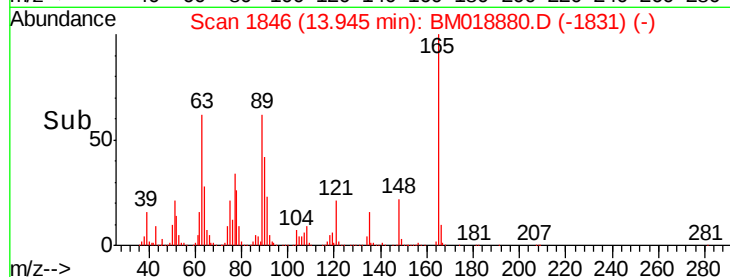
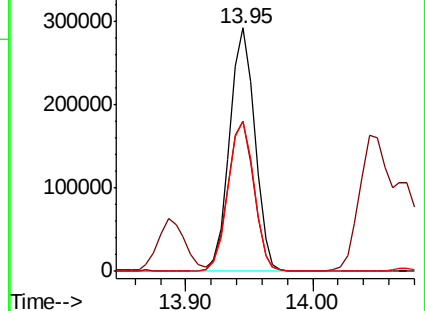
89 61.8 49.4 74.0



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



#52

Acenaphthene

Concen: 31.352 ng

RT: 14.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

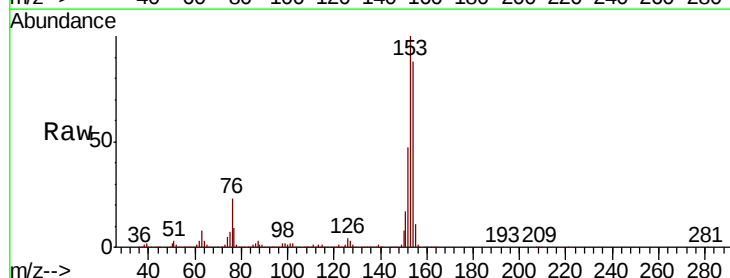
Tgt Ion:154 Resp: 1308900

Ion Ratio Lower Upper

154 100

153 113.1 91.3 136.9

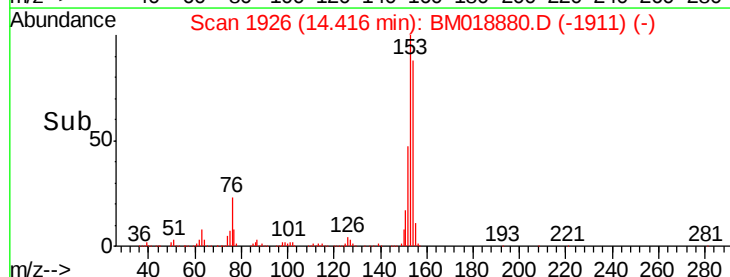
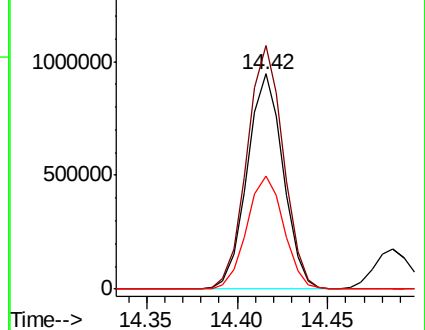
152 52.8 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

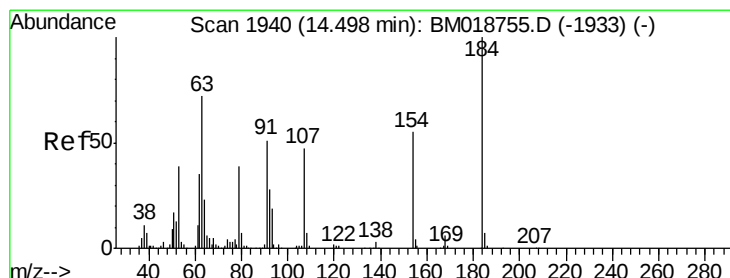
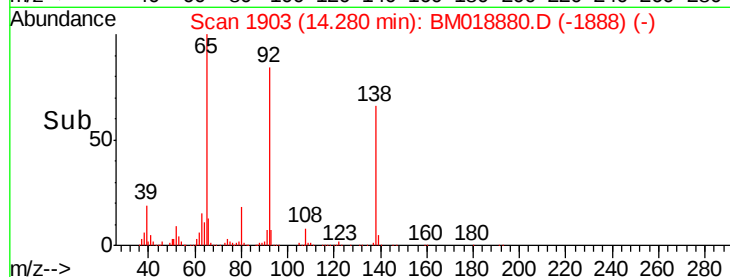
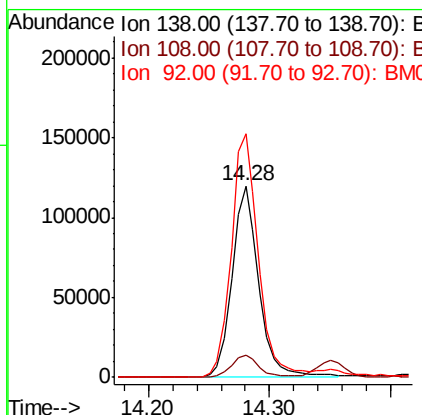
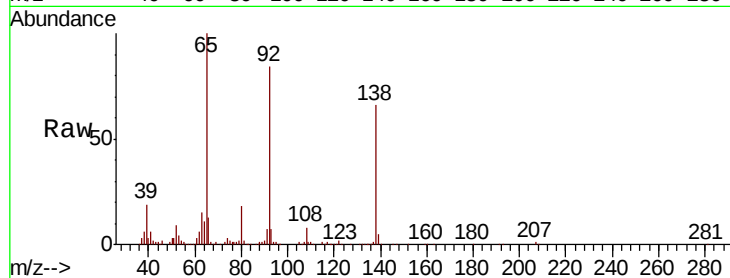




#53
3-Nitroaniline
Concen: 13.163 ng
RT: 14.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

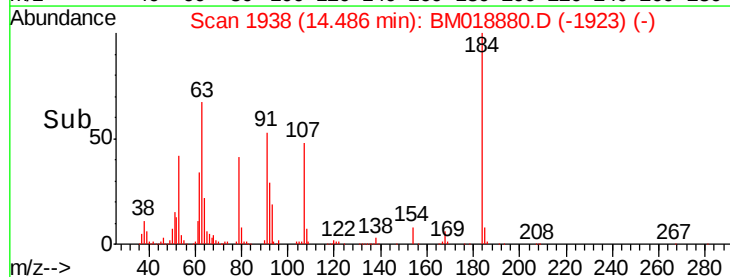
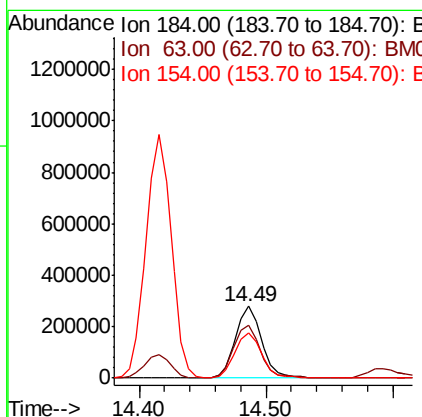
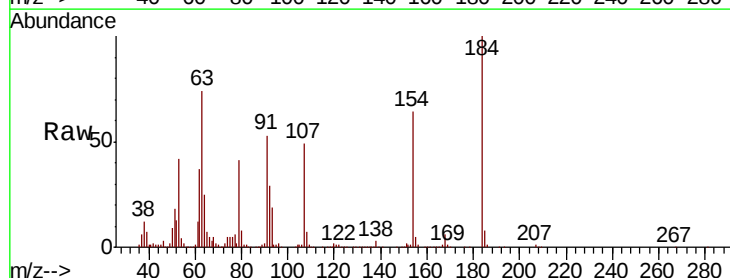
Instrument :
BNA_M
ClientSampleId :

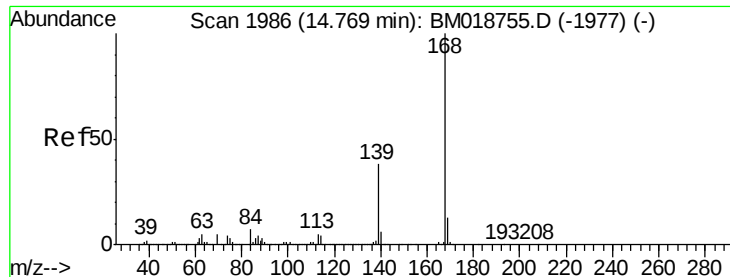
Tot Ion:138 Resp: 184653
Ion Ratio Lower Upper
138 100
108 11.8 9.1 13.7
92 127.0 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 52.903 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion:184 Resp: 400214
Ion Ratio Lower Upper
184 100
63 74.0 58.0 87.0
154 63.5 50.3 75.5





#55

Dibenzofuran

Concen: 31.548 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

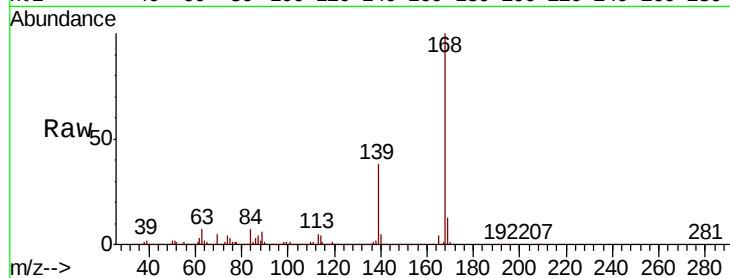
Tot Ion:168 Resp: 2164763

Ion Ratio Lower Upper

168 100

139 38.2 30.7 46.1

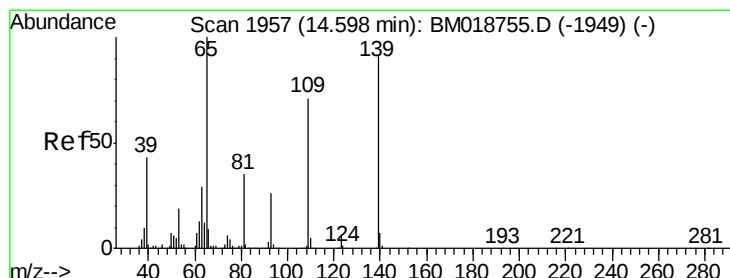
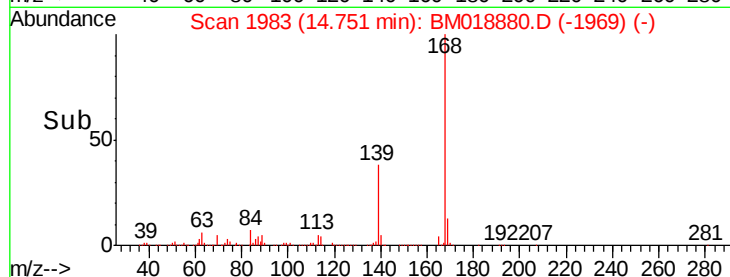
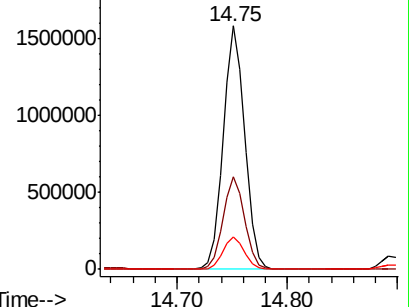
169 13.3 10.3 15.5



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: 19.278 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

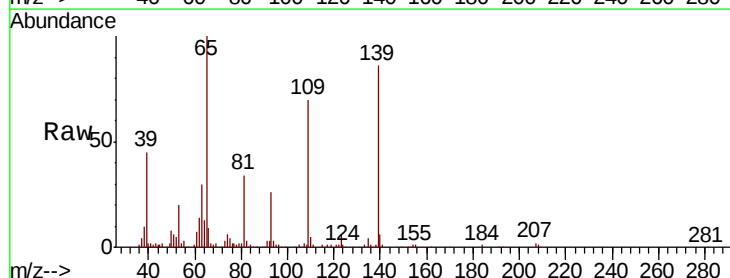
Tgt Ion:139 Resp: 215893

Ion Ratio Lower Upper

139 100

109 81.0 58.4 98.4

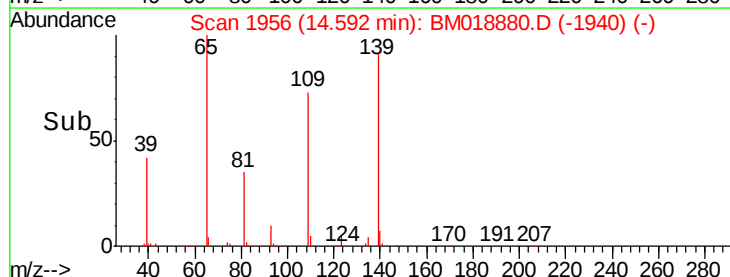
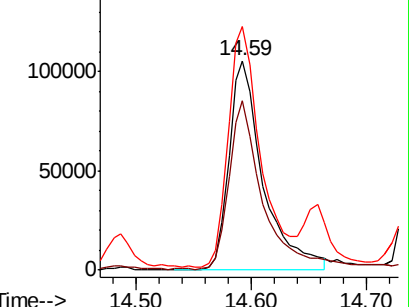
65 116.4 89.8 129.8

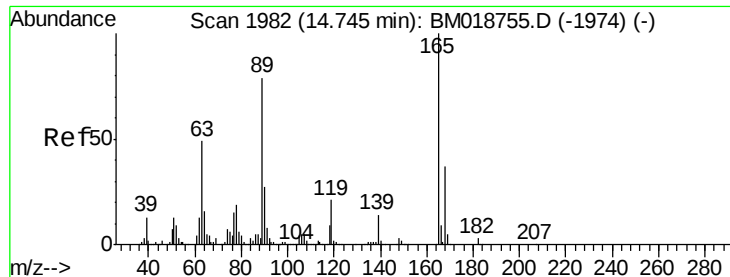


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

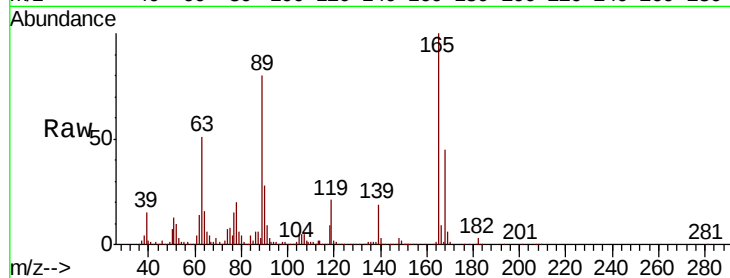




#57
 2,4-Dinitrotoluene
 Concen: 33.695 ng
 RT: 14.73 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	50.9	39.6	59.4	
89	80.0	63.5	95.3	
182	2.8	2.2	3.4	



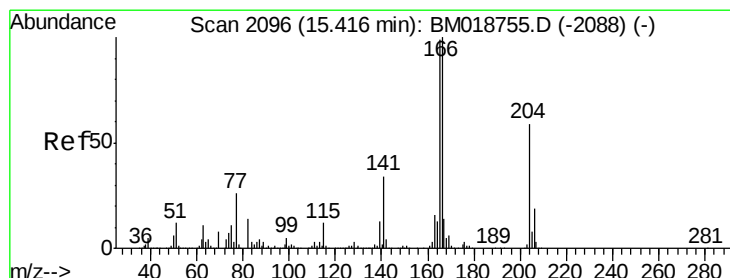
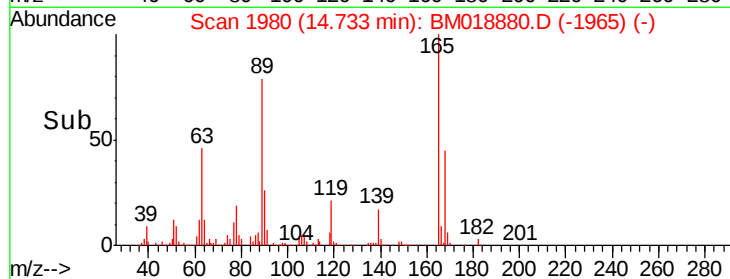
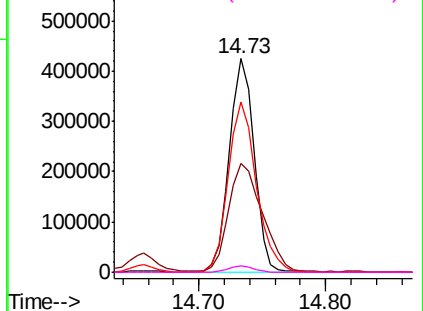
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

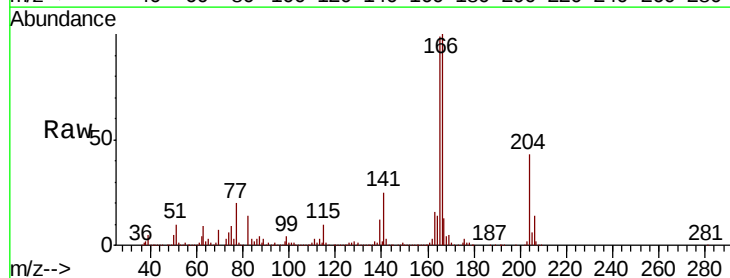
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 33.636 ng
 RT: 15.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	99.5	79.1	118.7	
167	13.3	11.0	16.4	

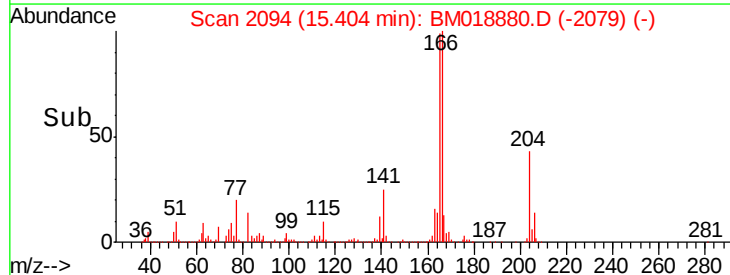
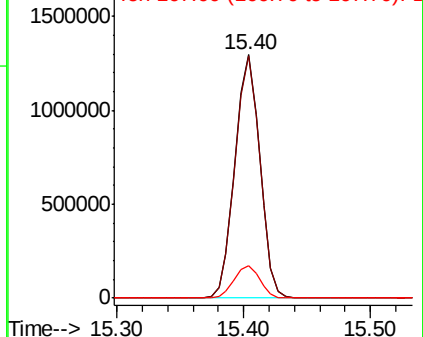


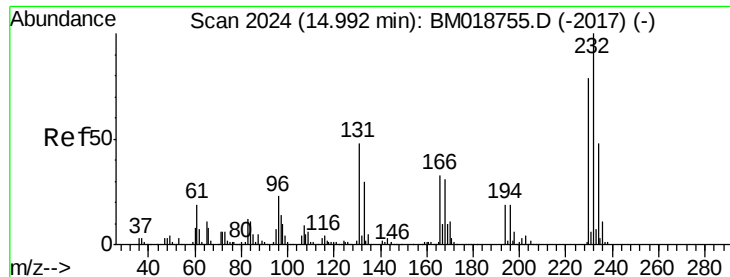
Abundance

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

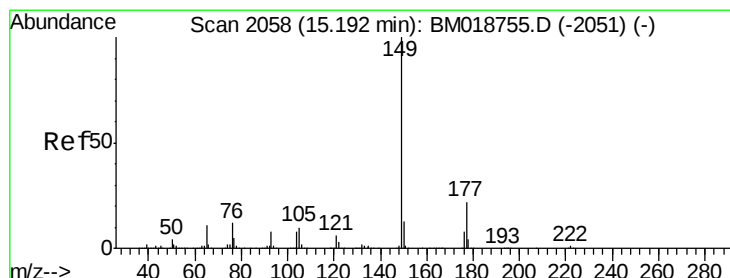
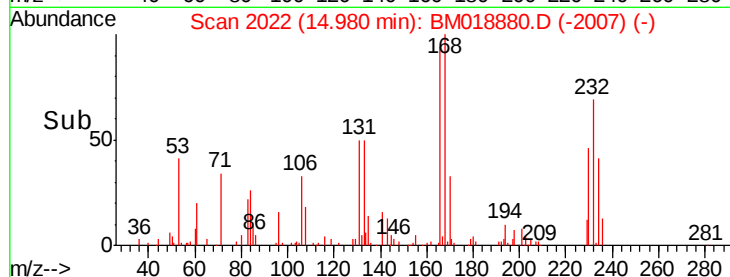
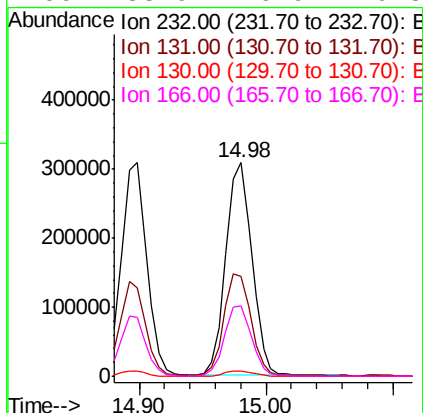
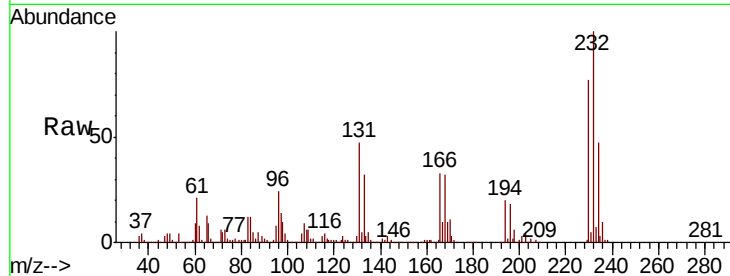




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.668 ng
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

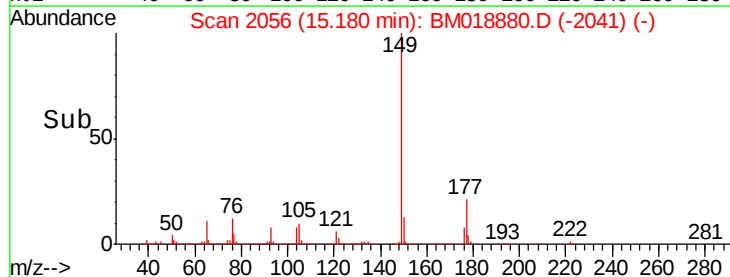
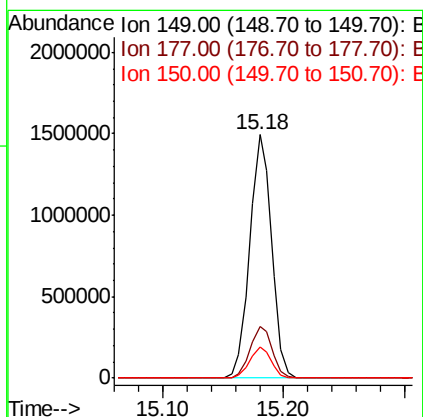
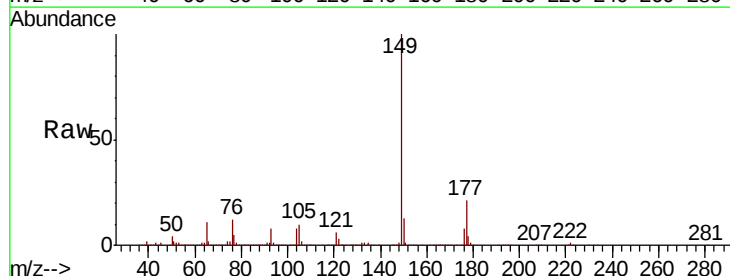
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:232	Resp:	440792
Ion	Ratio	Lower Upper
232	100	
131	50.0	38.6 57.8
130	2.9	2.0 3.0
166	33.9	26.9 40.3



#60
 Diethylphthalate
 Concen: 32.051 ng
 RT: 15.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion:149	Resp:	1895018
Ion	Ratio	Lower Upper
149	100	
177	21.4	17.2 25.8
150	12.7	10.2 15.2

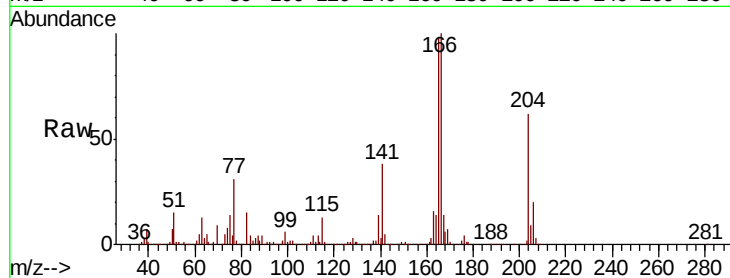




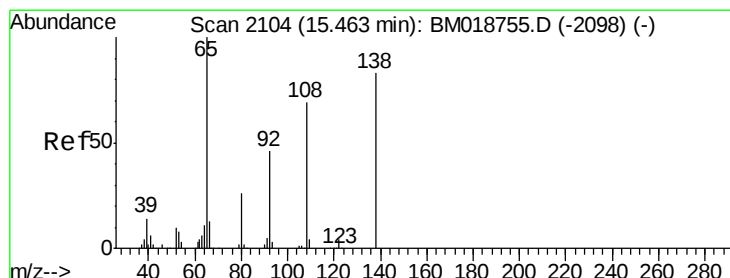
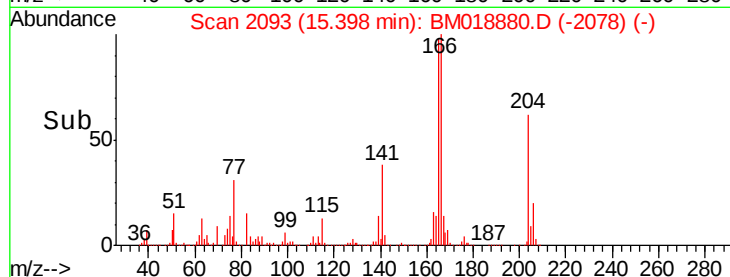
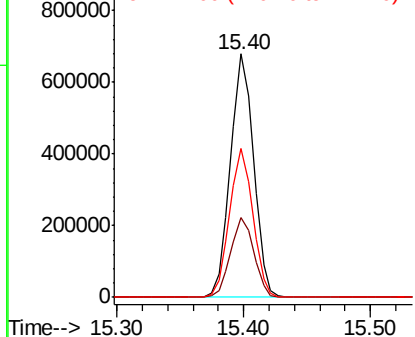
#61
4-Chlorophenyl-phenylether
Concen: 29.122 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 857168
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 61.2 49.2 73.8

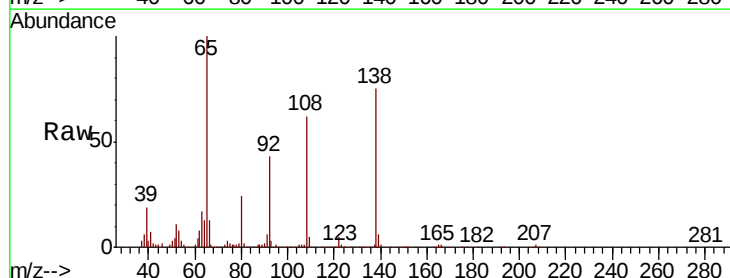


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

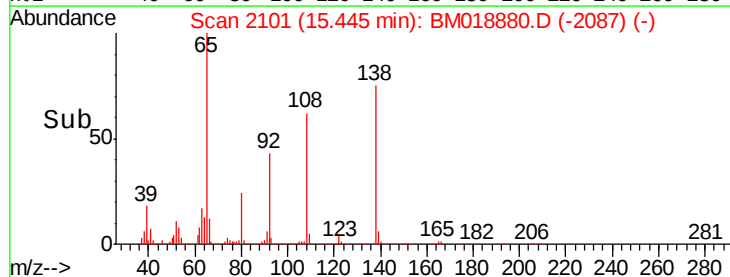
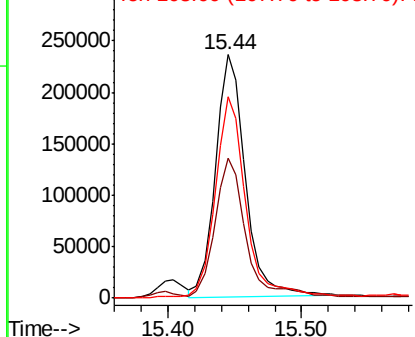


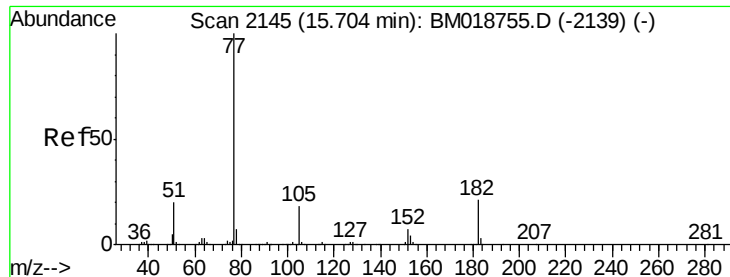
#62
4-Nitroaniline
Concen: 26.775 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion:138 Resp: 368237
Ion Ratio Lower Upper
138 100
92 57.6 35.5 75.5
108 82.9 62.4 102.4



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: 32.500 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 2060271

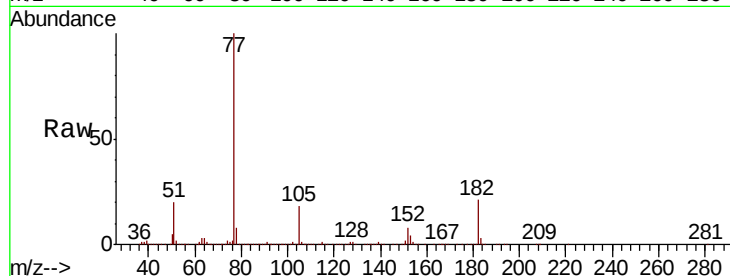
Ion	Ratio	Lower	Upper
77	100		
182	20.6	1.0	41.0
105	17.7	0.0	37.7
51	20.4	0.3	40.3

77 100

182 20.6 1.0 41.0

105 17.7 0.0 37.7

51 20.4 0.3 40.3

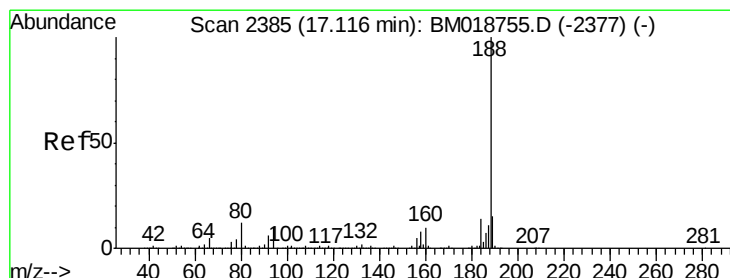
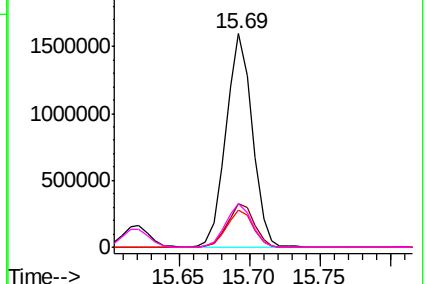
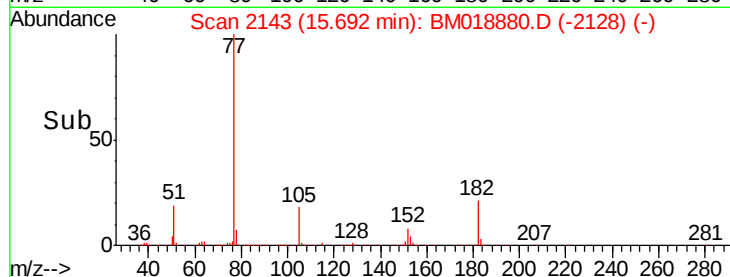


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

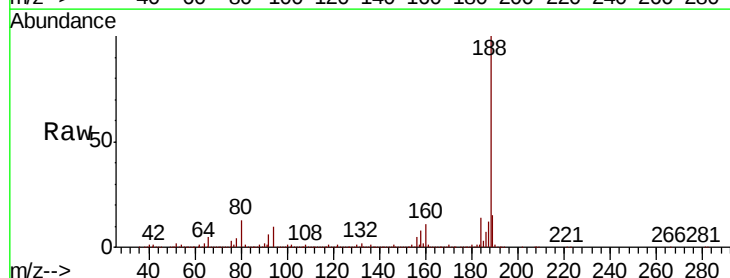
Tgt Ion: 188 Resp: 1607024

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	12.7	9.7	14.5

188 100

94 10.4 8.2 12.2

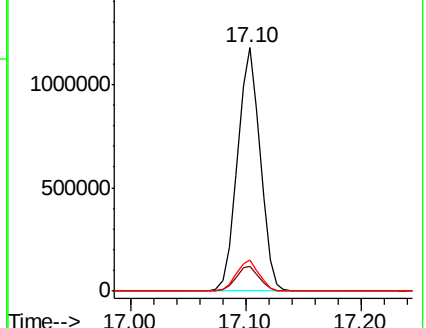
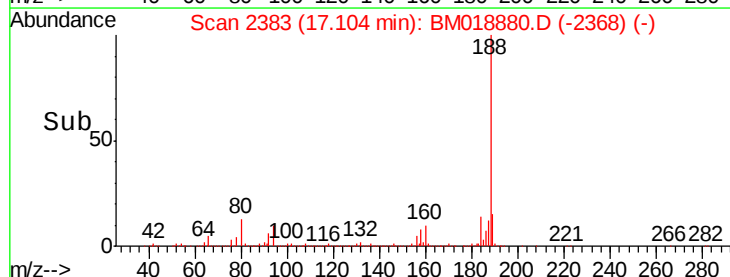
80 12.7 9.7 14.5

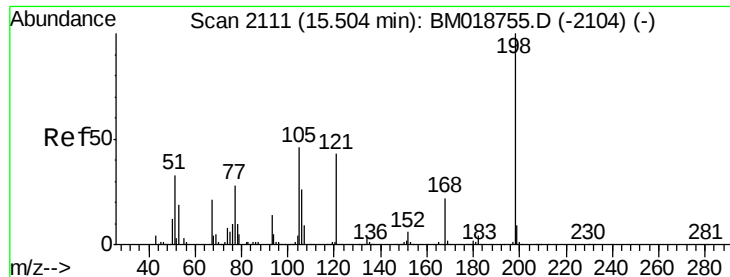


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 25.201 ng

RT: 15.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

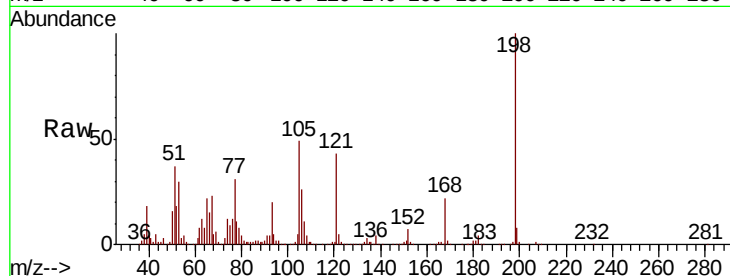
Tot Ion:198 Resp: 284346

Ion Ratio Lower Upper

198 100

51 37.1 18.4 58.4

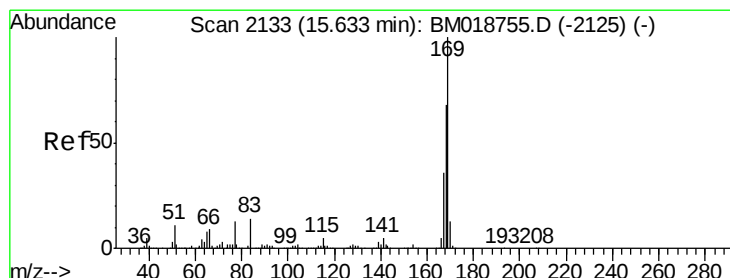
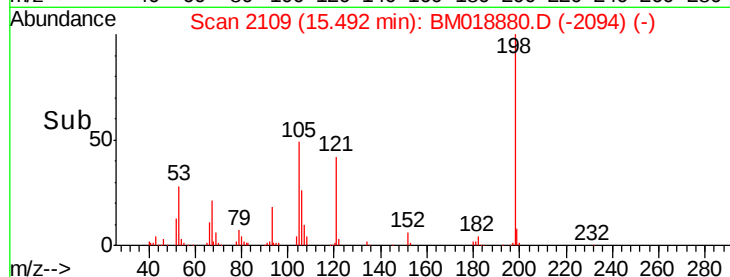
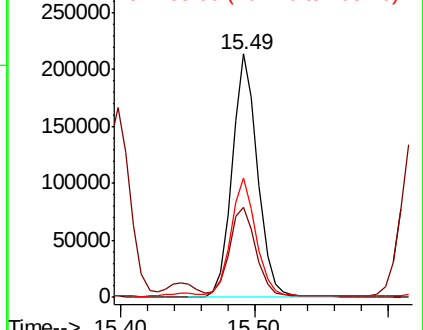
105 49.0 27.2 67.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 30.970 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

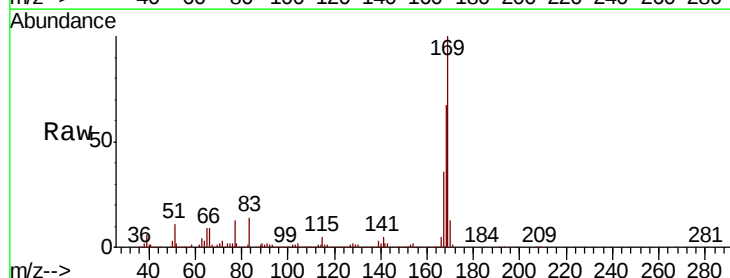
Tgt Ion:169 Resp: 1572435

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

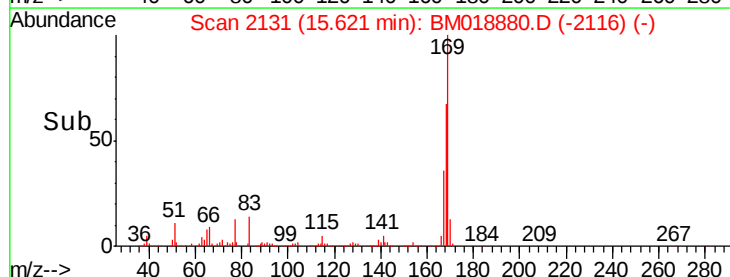
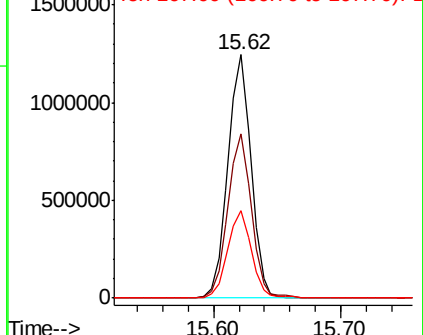
167 36.1 29.0 43.6

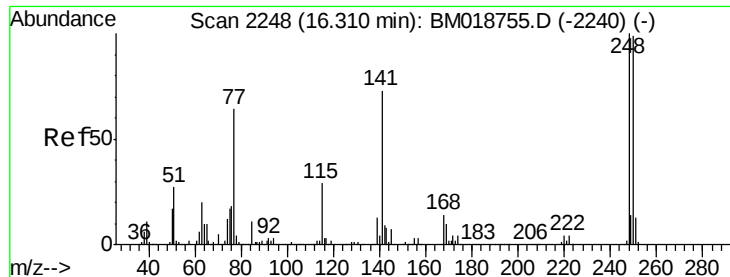


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

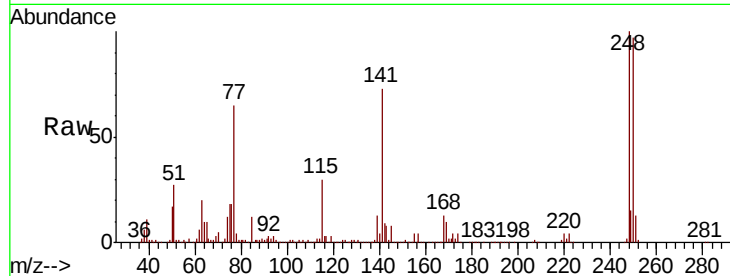




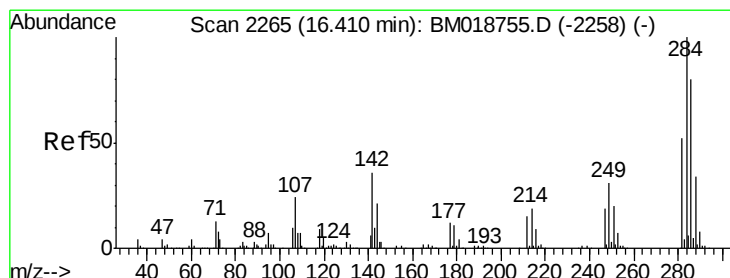
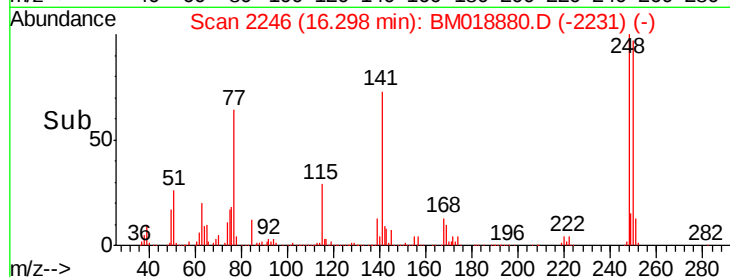
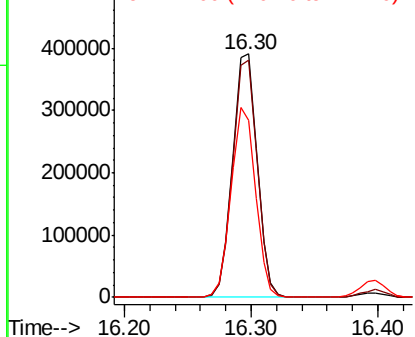
#67
4-Bromophenyl-phenylether
Concen: 29.005 ng
RT: 16.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 521737
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.6
141 72.6 58.6 88.0

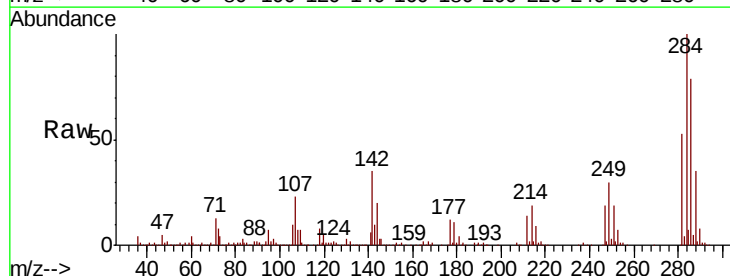


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

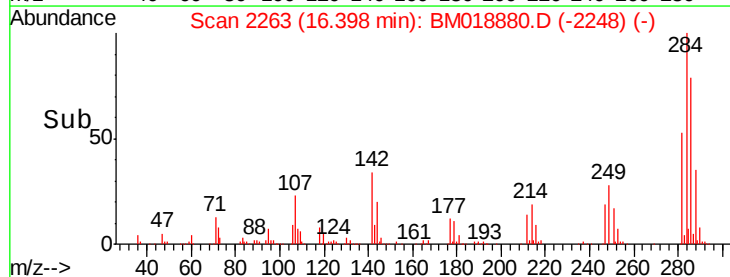
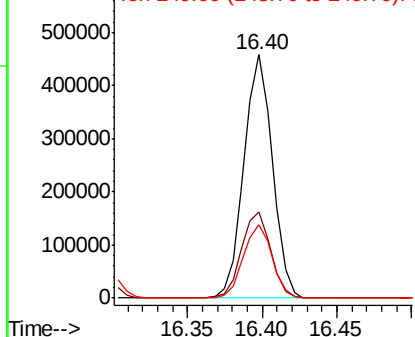


#68
Hexachlorobenzene
Concen: 28.902 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion:284 Resp: 604292
Ion Ratio Lower Upper
284 100
142 35.5 28.9 43.3
249 30.4 24.8 37.2



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: 31.374 ng

RT: 16.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

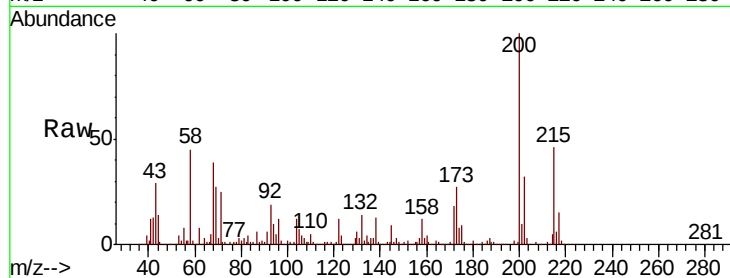
Tot Ion:200 Resp: 513536

Ion Ratio Lower Upper

200 100

173 27.4 7.6 47.6

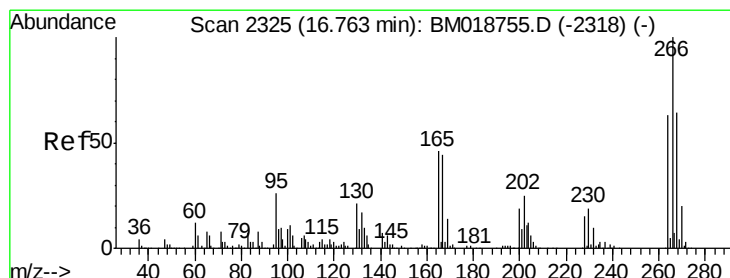
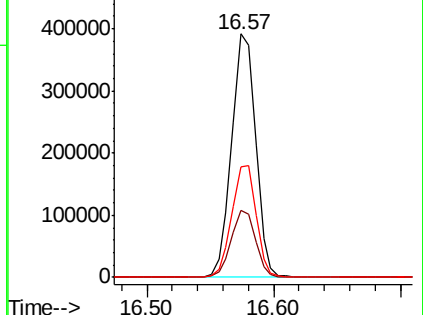
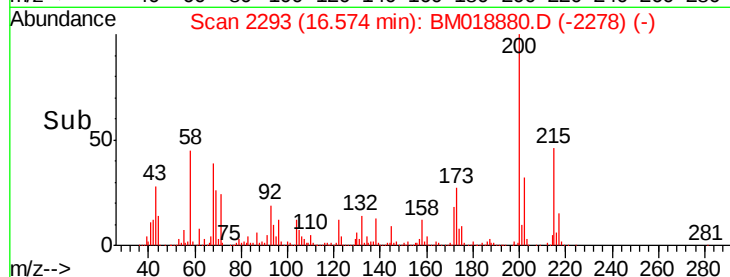
215 45.6 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 59.189 ng

RT: 16.75 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

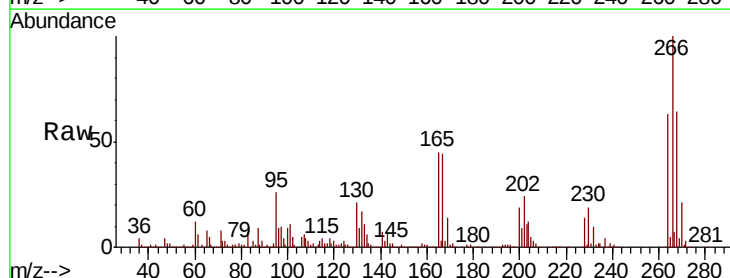
Tgt Ion:266 Resp: 796825

Ion Ratio Lower Upper

266 100

268 64.2 51.3 76.9

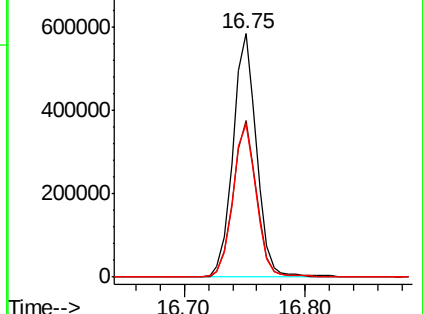
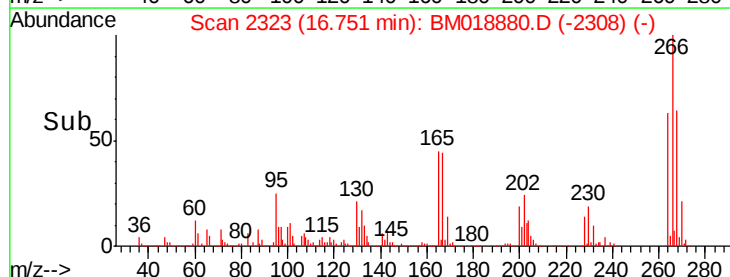
264 62.6 50.6 75.8

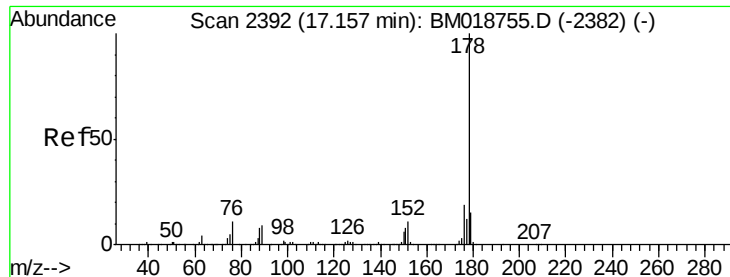


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

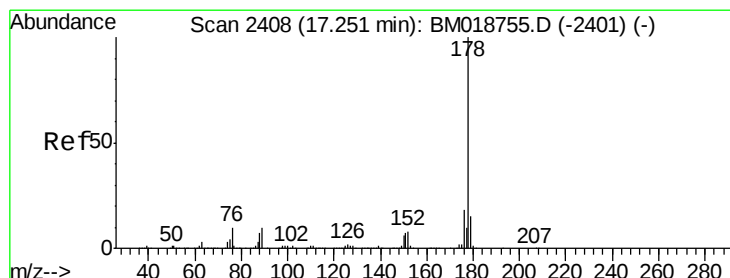
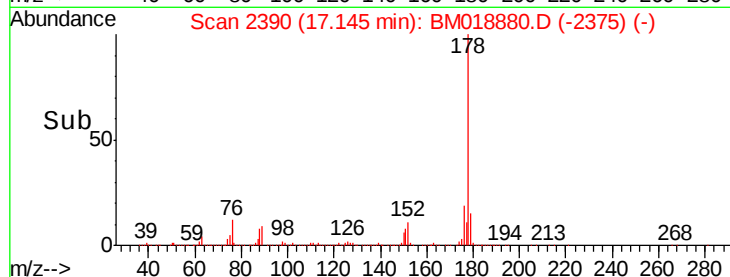
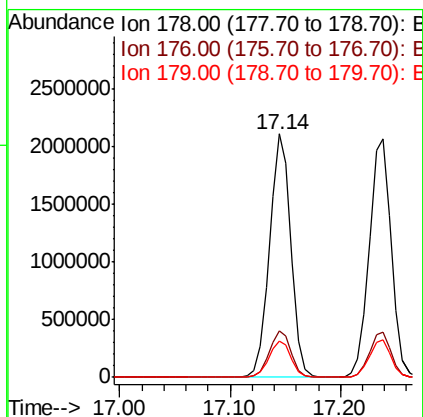
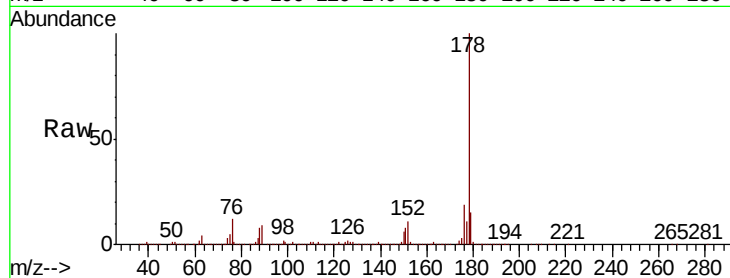




#71
Phenanthrene
Concen: 32.912 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

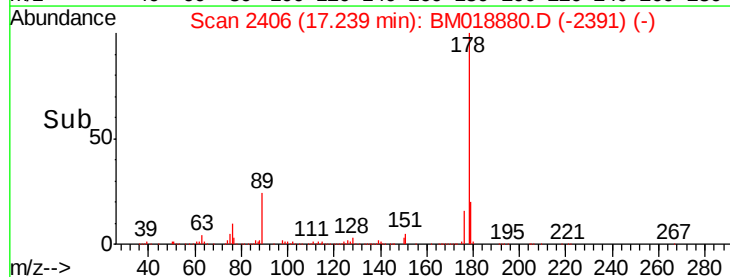
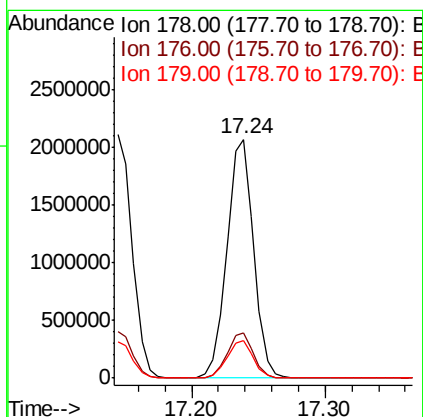
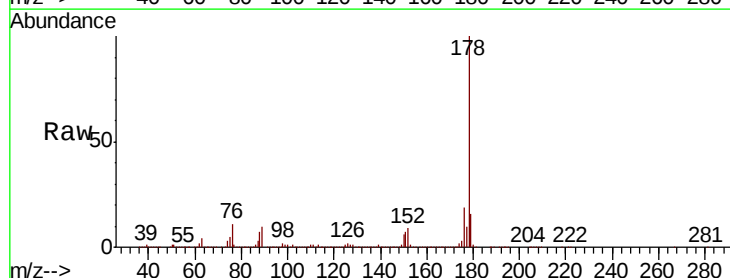
Instrument :
BNA_M
ClientSampled :

Tot Ion:178 Resp: 2842400
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.1 12.3 18.5



#72
Anthracene
Concen: 34.305 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion:178 Resp: 2883726
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.5 12.1 18.1

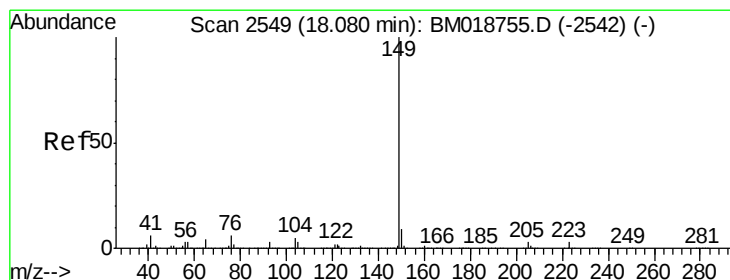
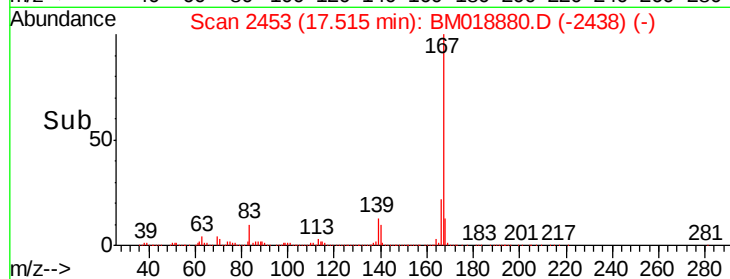
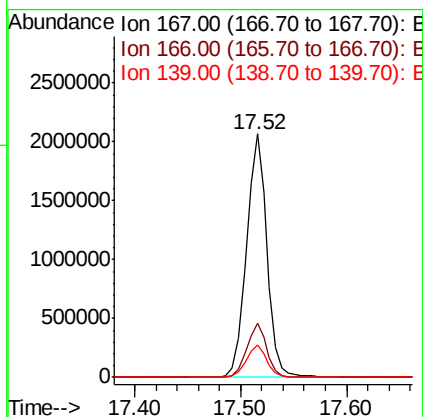
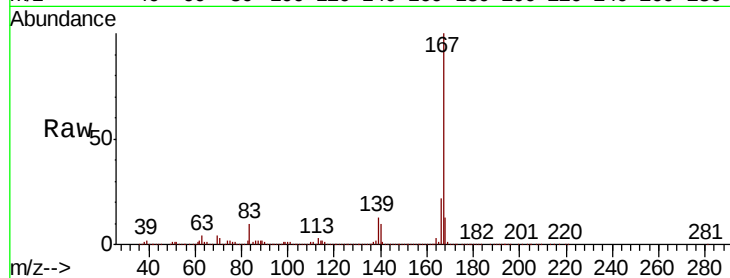




#73
 Carbazole
 Concen: 31.422 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

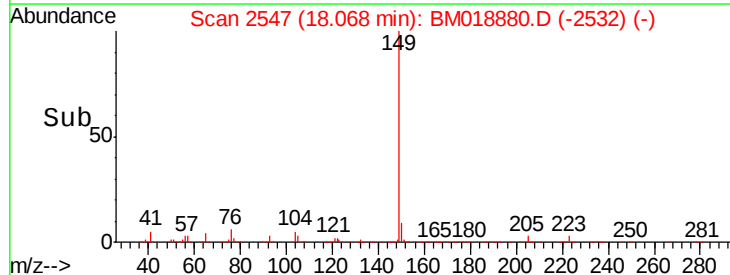
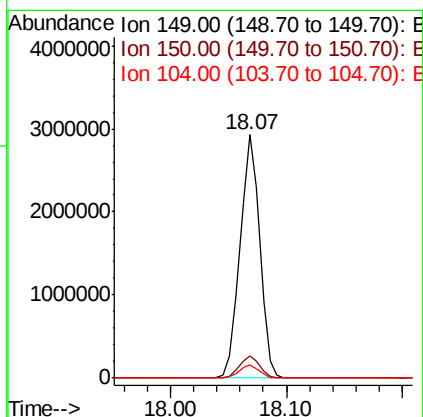
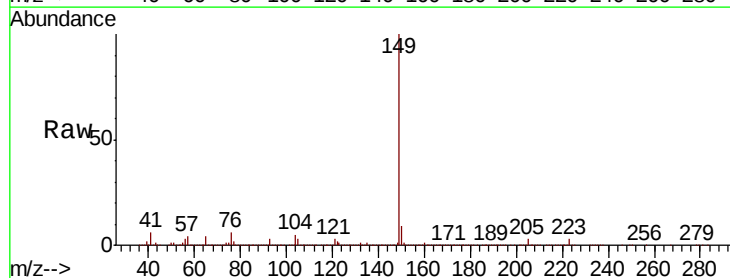
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 2759574
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 34.211 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion:149 Resp: 3455381
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 33.669 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

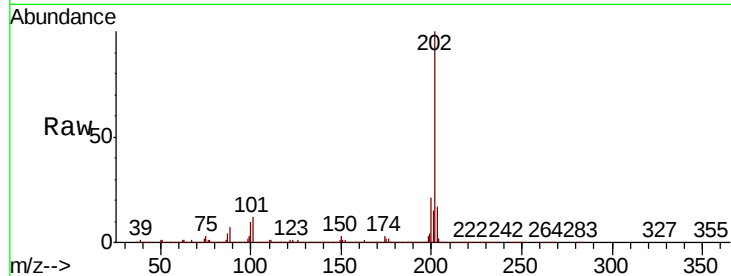
Tot Ion:202 Resp: 3358900

Ion Ratio Lower Upper

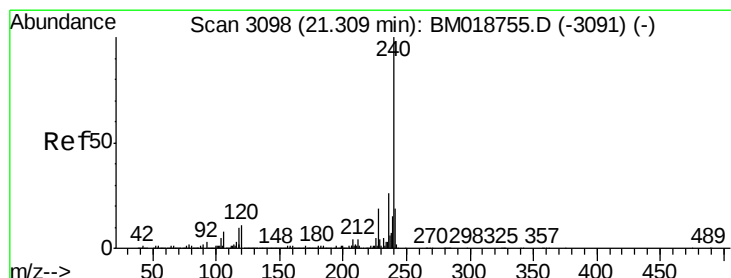
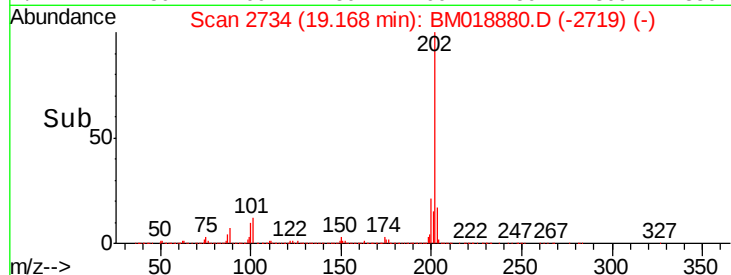
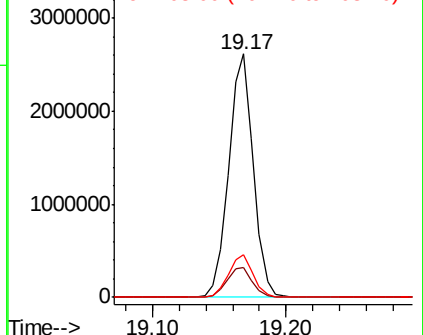
202 100

101 12.1 0.0 31.5

203 17.3 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

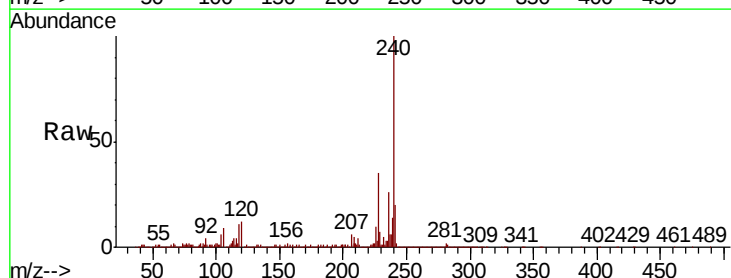
Tgt Ion:240 Resp: 1695984

Ion Ratio Lower Upper

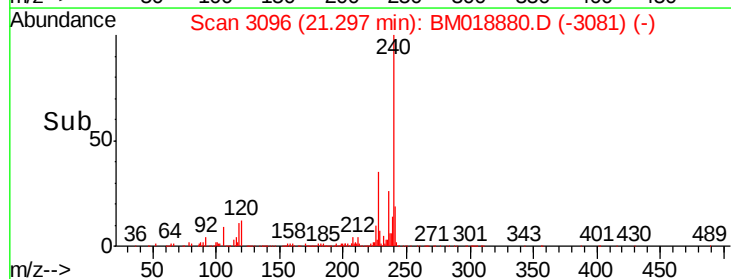
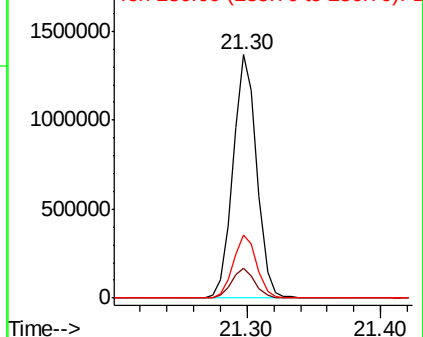
240 100

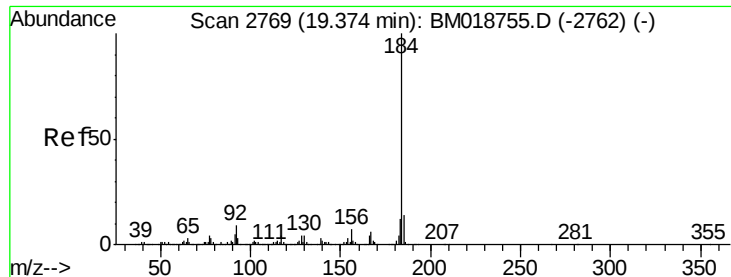
120 12.2 8.9 13.3

236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.009 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

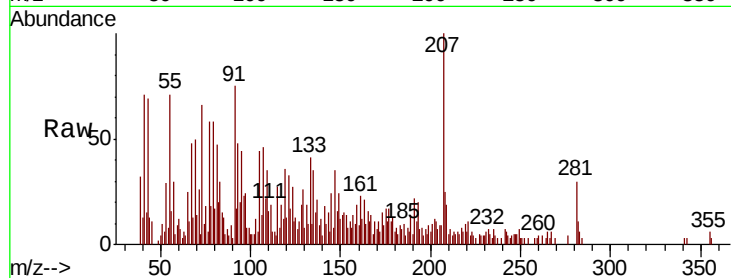
Tot Ion:184 Resp: 334

Ion Ratio Lower Upper

184 100

185 144.4 11.2 16.8#

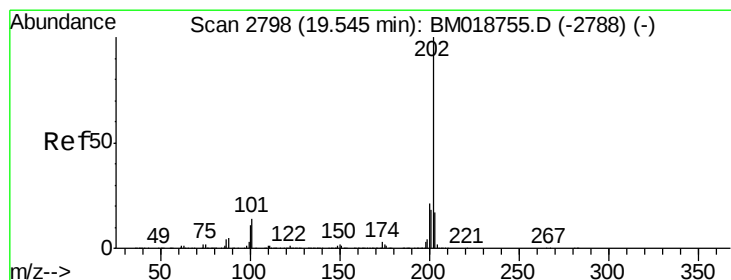
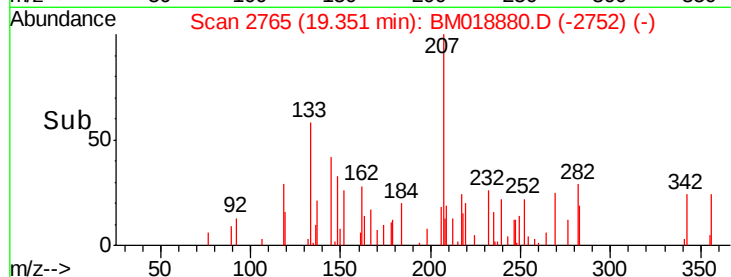
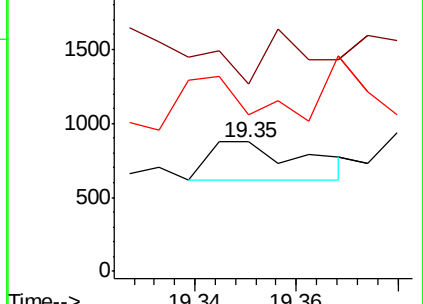
183 120.7 9.7 14.5#



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: 34.908 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

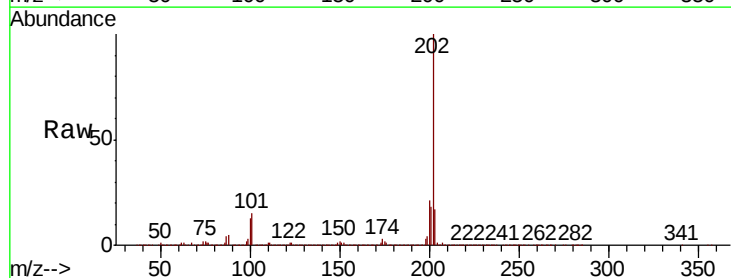
Tgt Ion:202 Resp: 3438449

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

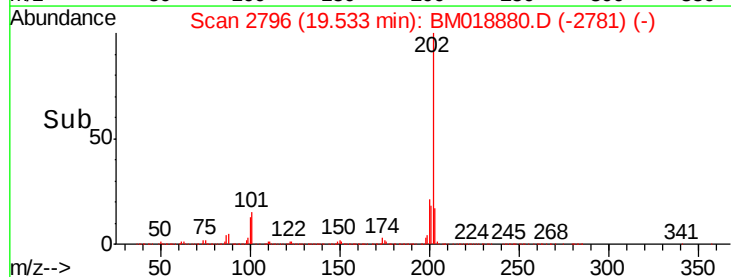
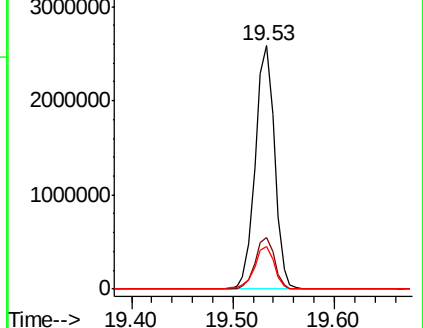
203 17.4 13.8 20.8

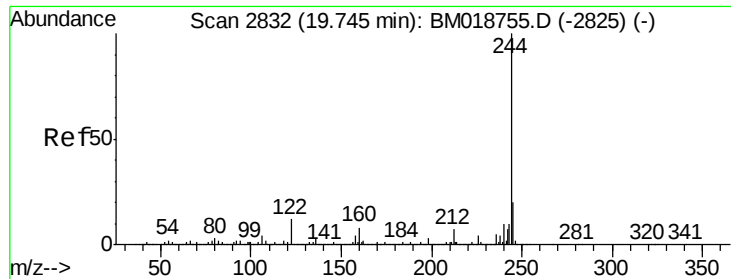


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

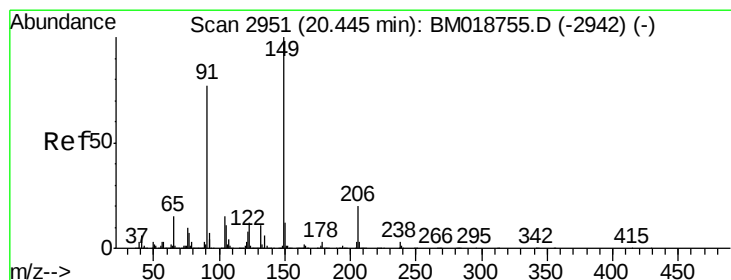
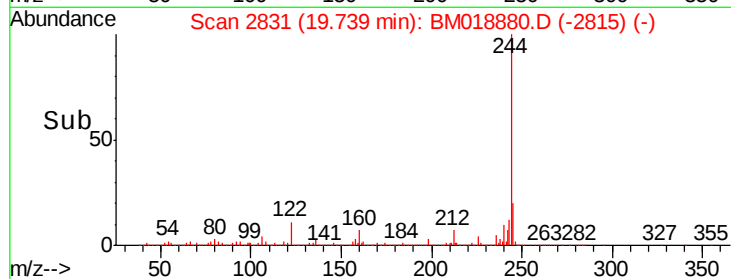
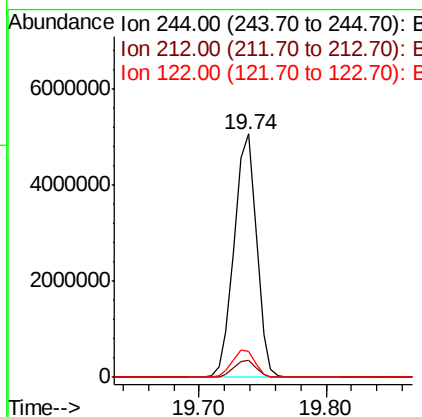
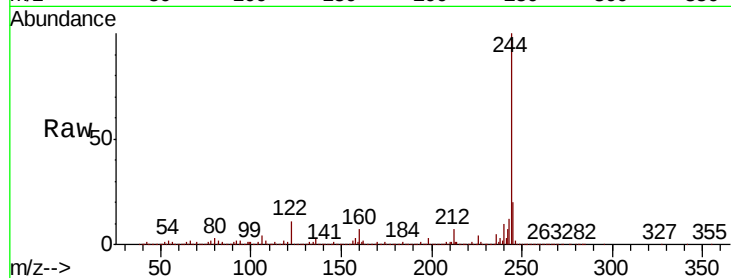




#79
 Terphenyl-d14
 Concen: 75.065 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

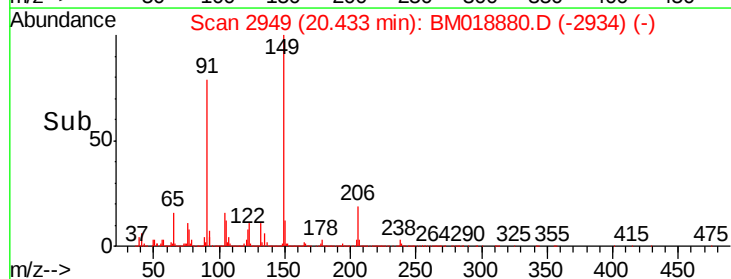
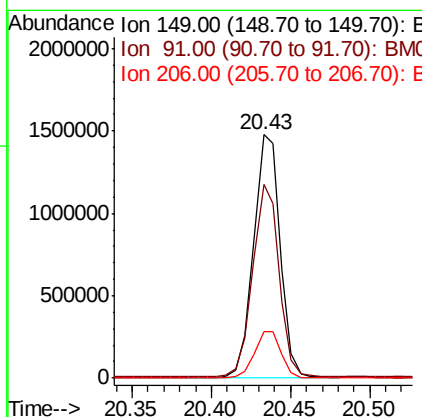
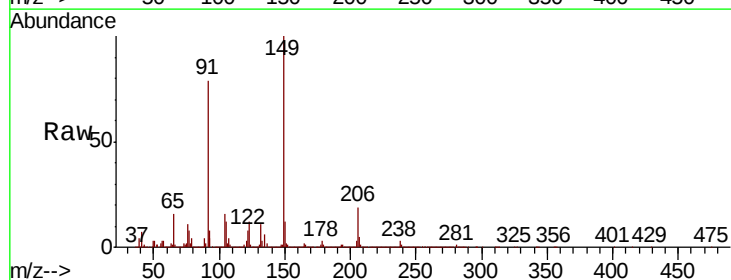
Instrument :
 BNA_M
 ClientSampleId :

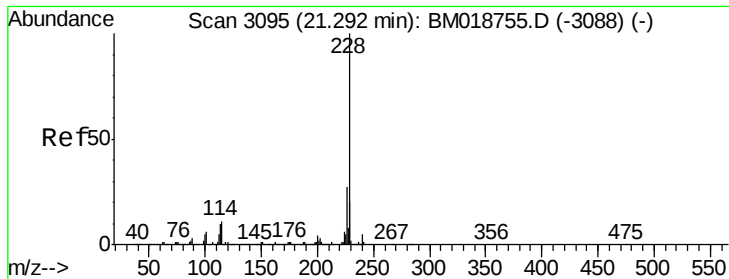
Tot Ion:244 Resp: 6171372
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.8 9.3 13.9



#80
 Butylbenzylphthalate
 Concen: 38.280 ng
 RT: 20.43 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion:149 Resp: 1718408
 Ion Ratio Lower Upper
 149 100
 91 79.5 61.4 92.0
 206 19.0 15.8 23.8





#81

Benzo(a)anthracene

Concen: 33.702 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

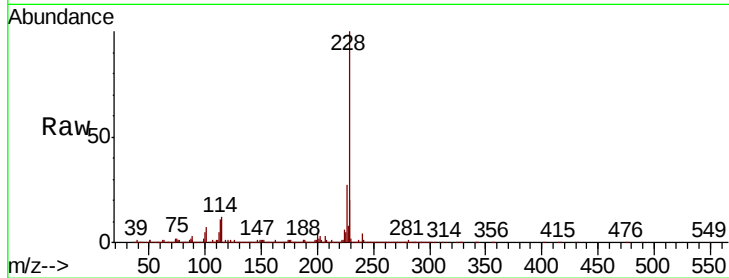
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3331805

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	20.1	15.9	23.9

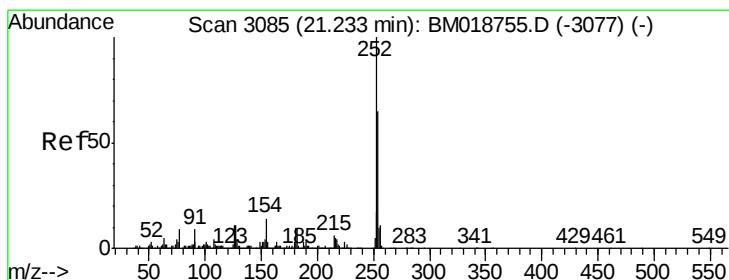
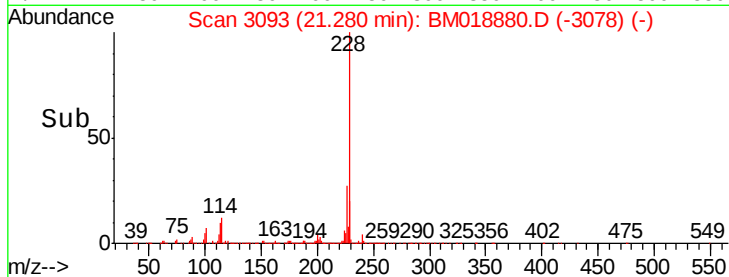
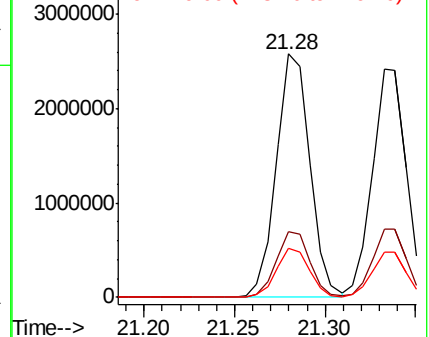


Abundance

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: 2.295 ng

RT: 21.23 min Scan# 3084

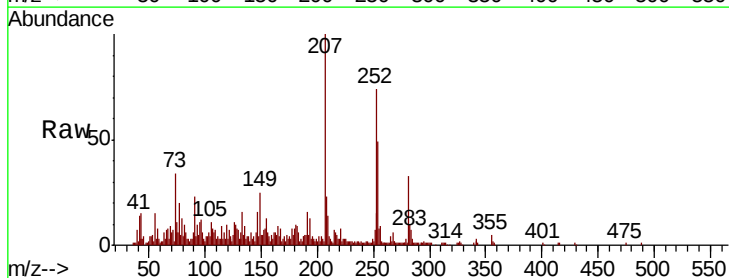
Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Tgt Ion:252 Resp: 89689

Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.8	77.8
126	14.6	9.1	13.7

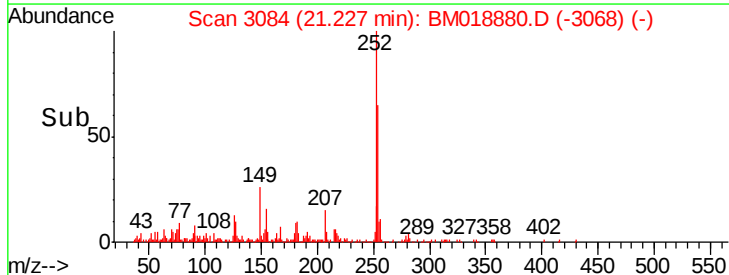
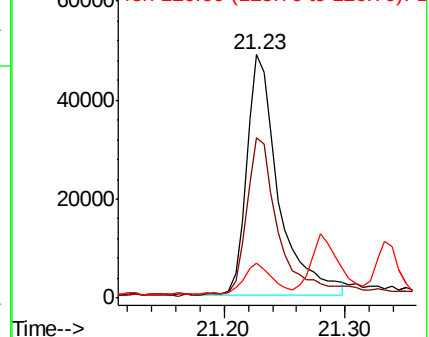


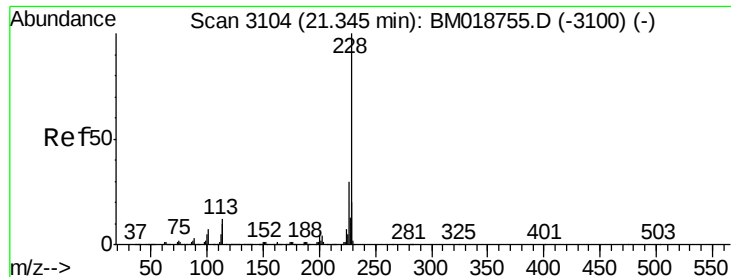
Abundance

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

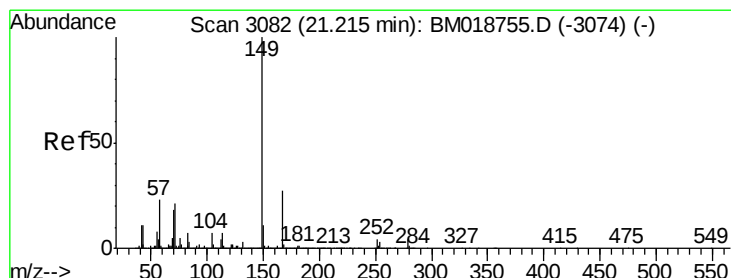
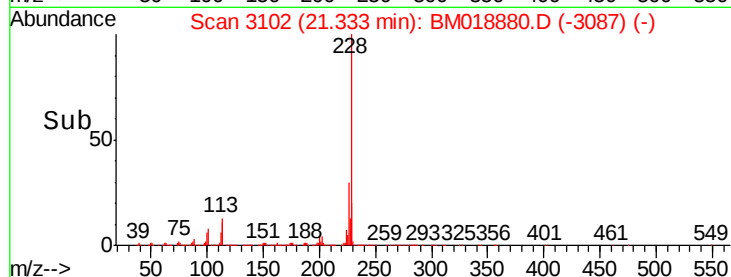
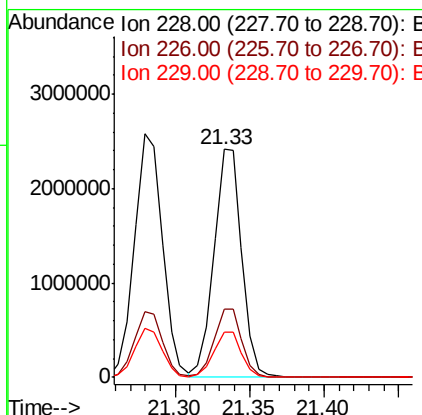
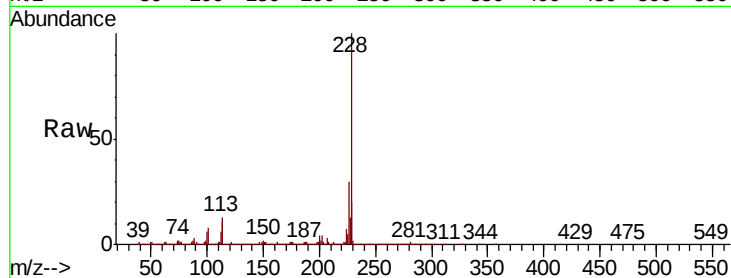




#83
 Chrysene
 Concen: 33.067 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

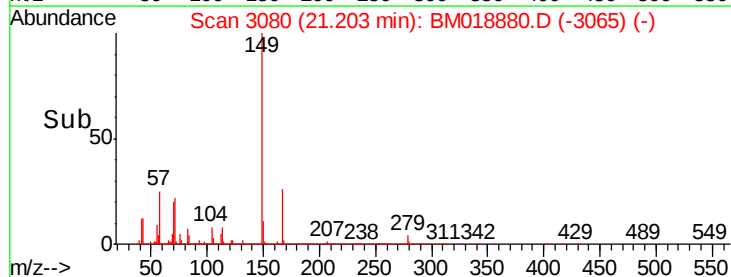
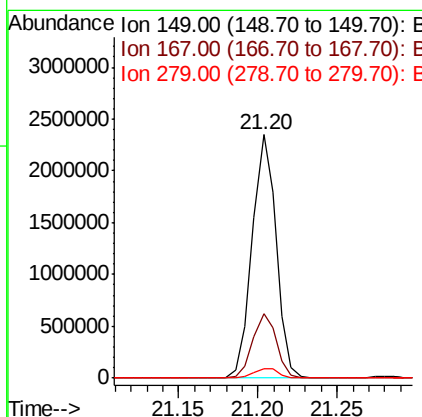
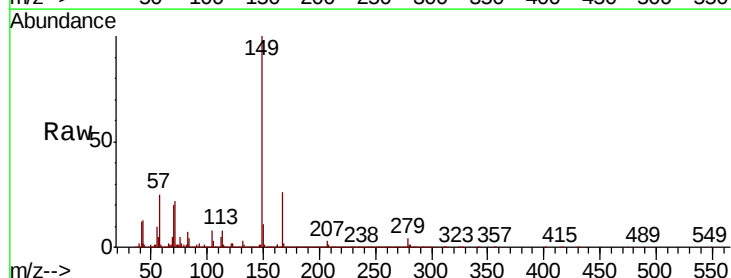
Instrument :
 BNA_M
 ClientSampleId :

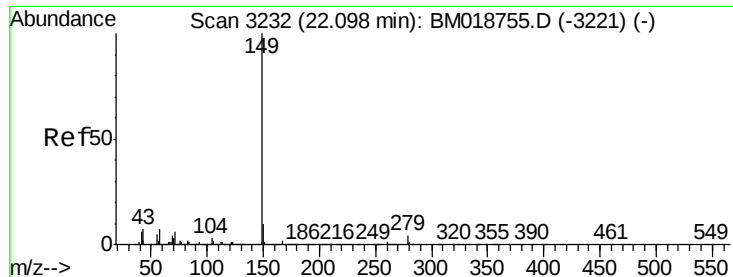
Tot Ion:228 Resp: 3133394
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.1 36.1
 229 19.8 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.410 ng
 RT: 21.20 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM018880.D
 Acq: 20 Feb 2019 12:38

Tgt Ion:149 Resp: 2457961
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.8 32.6
 279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 38.186 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Instrument :

BNA_M

ClientSampleId :

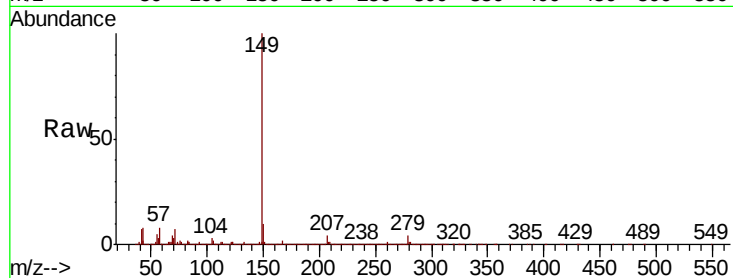
Tot Ion:149 Resp: 4216758

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

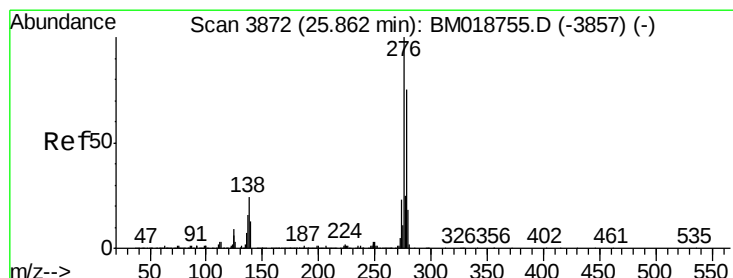
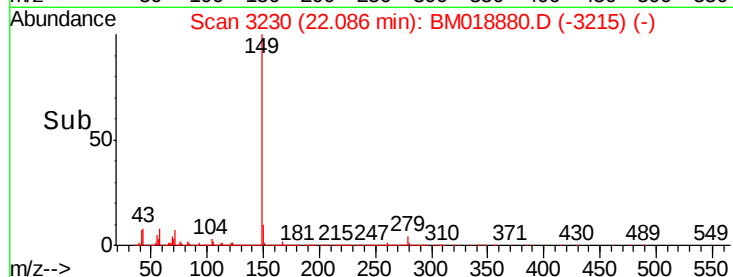
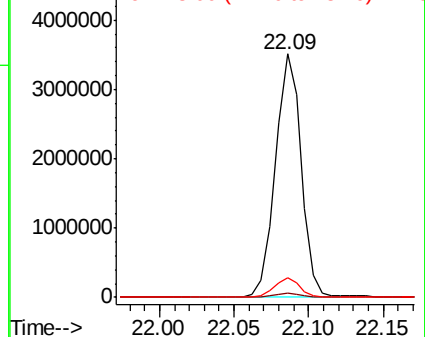
43 7.7 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 27.763 ng

RT: 25.84 min Scan# 3868

Delta R.T. -0.02 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

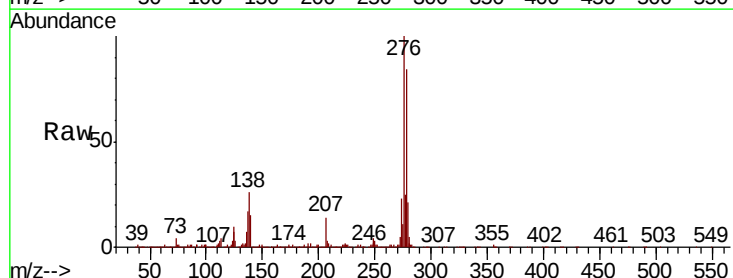
Tgt Ion:276 Resp: 3037299

Ion Ratio Lower Upper

276 100

138 26.0 20.2 30.4

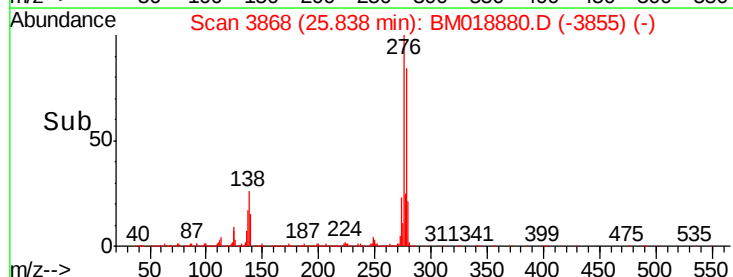
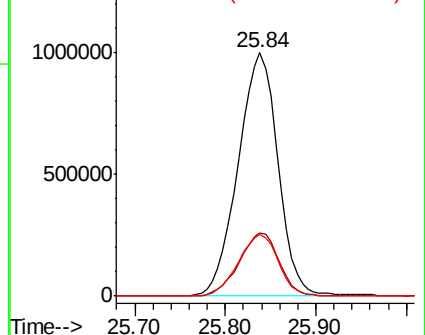
277 25.4 20.3 30.5

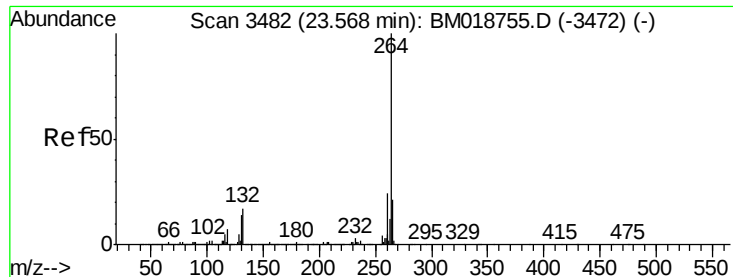


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



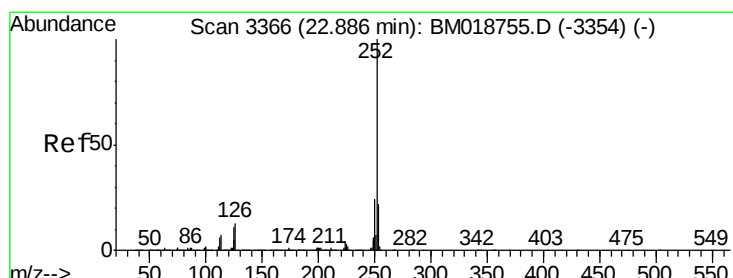
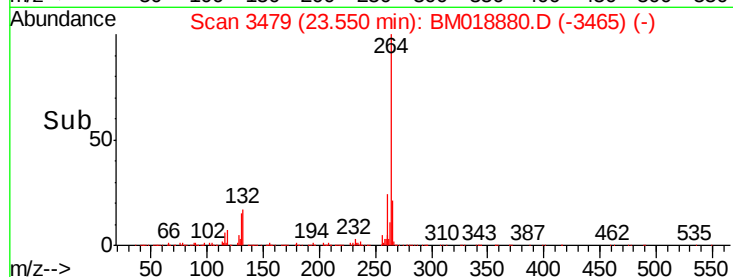
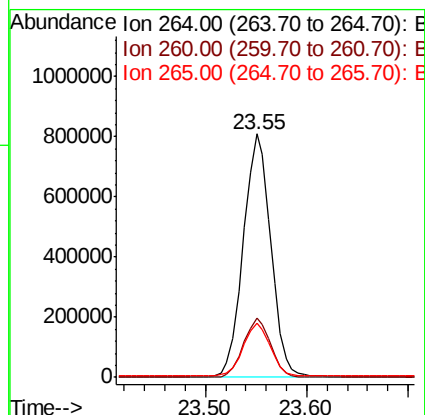
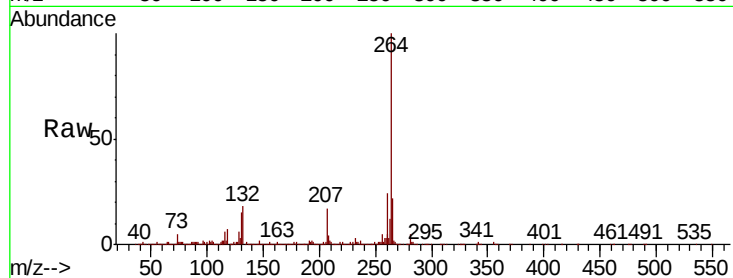


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1529467

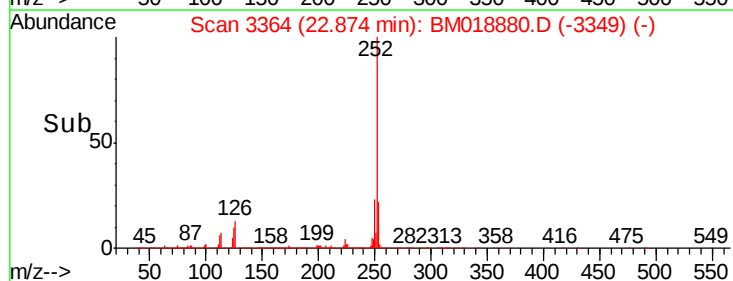
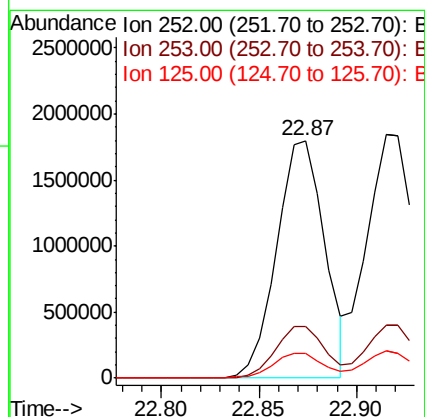
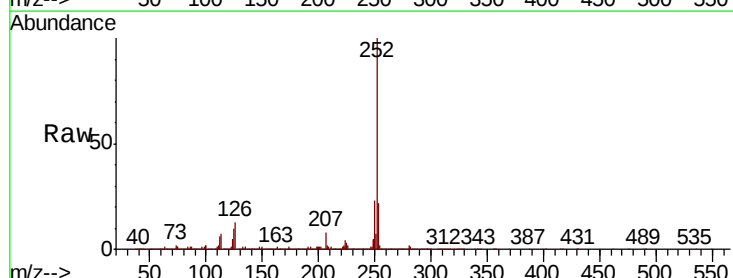
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.1	17.3	25.9

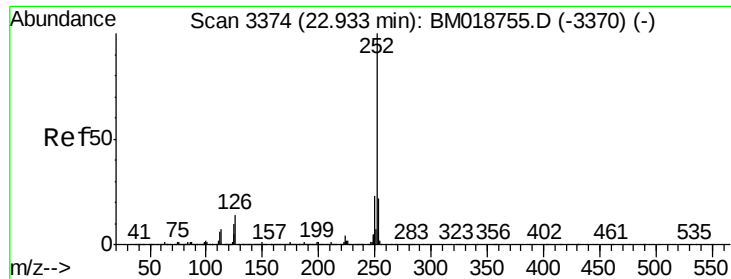


#88
Benzo(b)fluoranthene
Concen: 35.025 ng
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion:252 Resp: 3064933

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.3	8.6	12.8

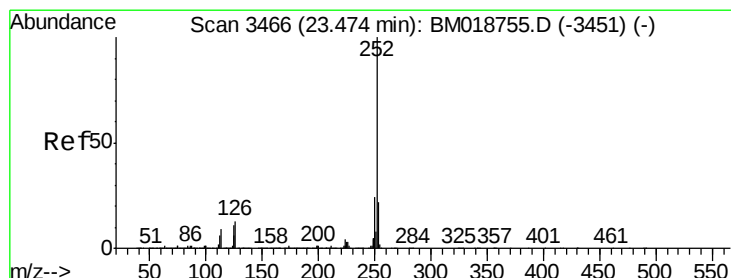
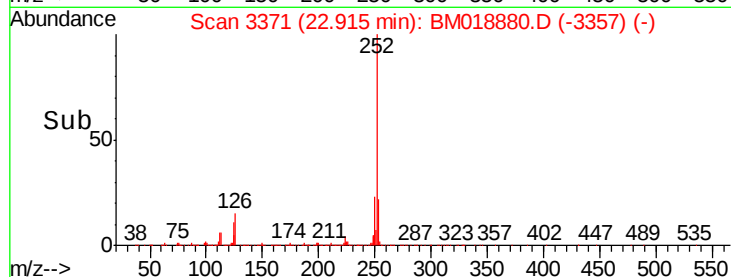
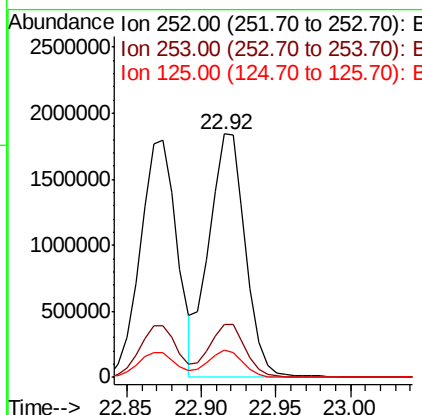
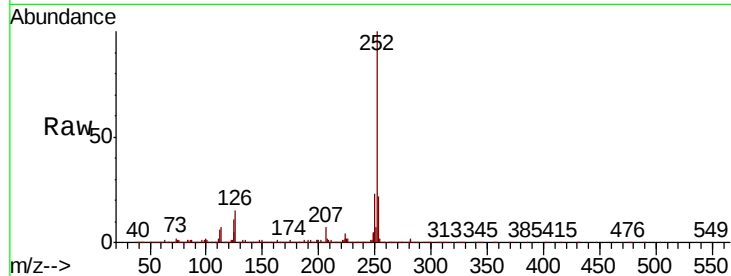




#89
Benzo(k)fluoranthene
Concen: 35.775 ng
RT: 22.92 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

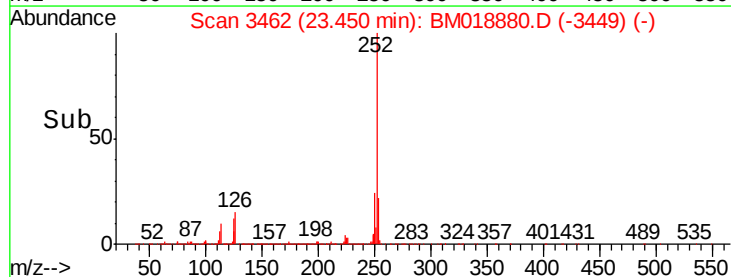
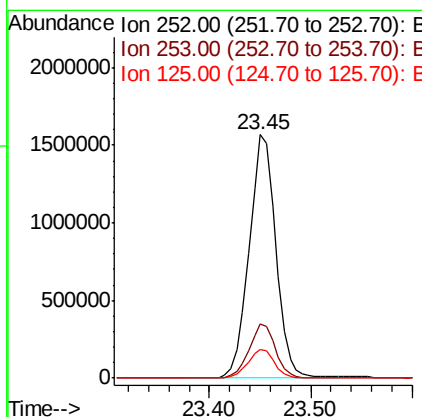
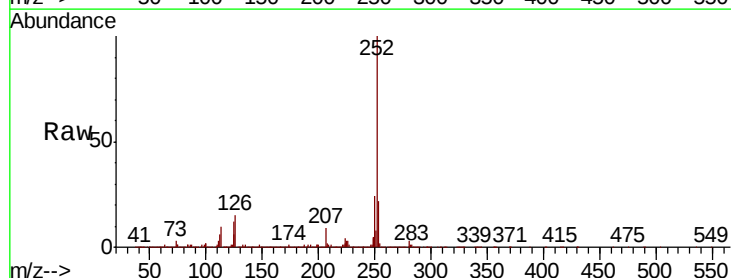
Instrument :
BNA_M
ClientSampleId :

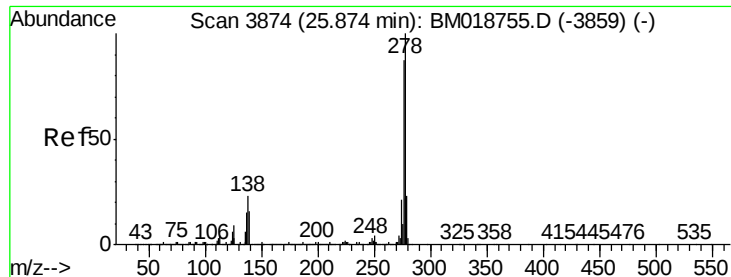
Tot Ion:252 Resp: 3116657
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.0 8.2 12.4



#90
Benzo(a)pyrene
Concen: 34.391 ng
RT: 23.45 min Scan# 3462
Delta R.T. -0.02 min
Lab File: BM018880.D
Acq: 20 Feb 2019 12:38

Tgt Ion:252 Resp: 2850911
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 31.539 ng

RT: 25.85 min Scan# 3870

Delta R.T. -0.02 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

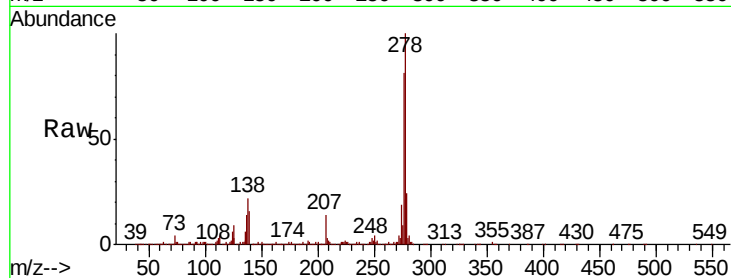
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2590308

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	24.0	18.6	28.0

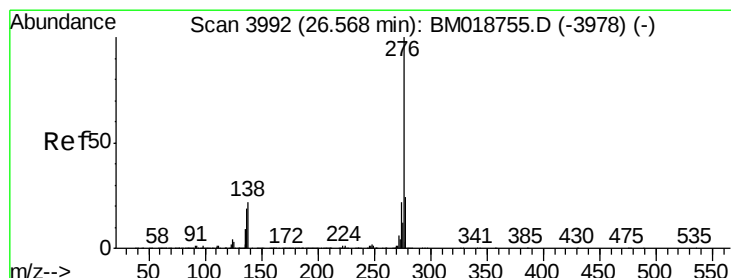
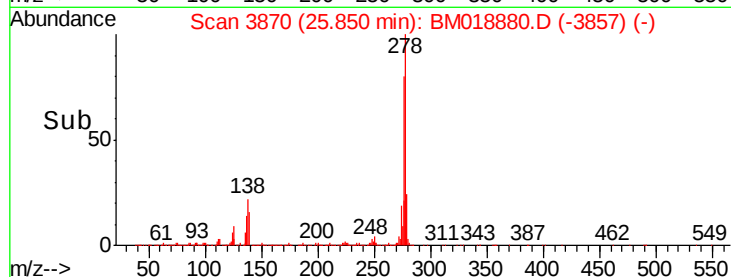
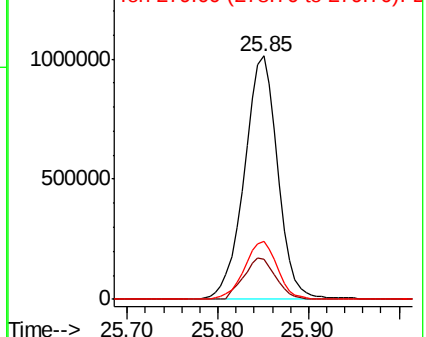


Abundance

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: 31.271 ng

RT: 26.53 min Scan# 3986

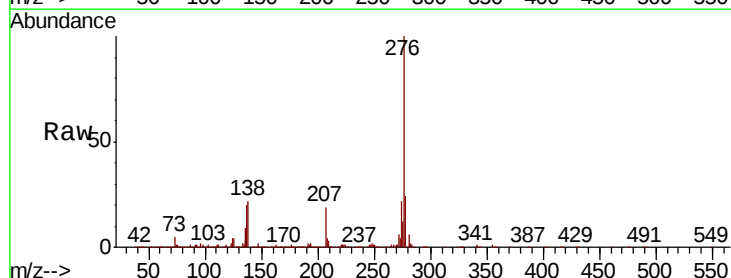
Delta R.T. -0.04 min

Lab File: BM018880.D

Acq: 20 Feb 2019 12:38

Tgt Ion:276 Resp: 2391029

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	22.2	17.3	25.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

