

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014200.D
 Acq On : 08 Feb 2018 19:22
 Operator : SJ/JU
 Sample : J1476-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 09 04:08:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	121501	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	534068	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	318880	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	635394	20.00	ng	0.00
75) Chrysene-d12	21.16	240	503111	20.00	ng	0.00
86) Perylene-d12	23.34	264	470024	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	584077	83.79	ng	0.00
7) Phenol-d6	6.74	99	1216680	123.24	ng	0.00
23) Nitrobenzene-d5	8.70	82	1166745	97.58	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	260173	57.50	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	2277254	89.15	ng	0.00
78) Terphenyl-d14	19.60	244	2528364	98.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	103092	35.99	ng	# 100
3) Pyridine	3.52	79	317602	40.04	ng	# 90
4) n-Nitrosodimethylamine	3.45	42	244971	48.48	ng	# 52
6) Aniline	6.89	93	372493	29.60	ng	92
8) 2-Chlorophenol	7.12	128	237690	30.00	ng	94
9) Benzaldehyde	6.70	77	120597	16.97	ng	88
10) Phenol	6.76	94	463303	47.54	ng	94
11) bis(2-Chloroethyl)ether	6.99	93	383668	49.80	ng	92
12) 1,3-Dichlorobenzene	7.43	146	447400	45.18	ng	# 87
13) 1,4-Dichlorobenzene	7.57	146	472721	47.51	ng	# 94
14) 1,2-Dichlorobenzene	7.89	146	466578	46.60	ng	# 94
15) Benzyl Alcohol	7.80	79	477027	52.15	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.07	45	379143	48.38	ng	83
17) 2-Methylphenol	8.00	107	369515	49.54	ng	# 82
18) Hexachloroethane	8.59	117	190880	44.39	ng	94
19) n-Nitroso-di-n-propylamine	8.36	70	400103	47.04	ng	96
20) 3+4-Methylphenols	8.33	107	484821	44.88	ng	89
22) Acetophenone	8.37	105	750920	48.90	ng	# 94
24) Nitrobenzene	8.75	77	591988	48.09	ng	96
25) Isophorone	9.26	82	1001179	50.55	ng	93
26) 2-Nitrophenol	9.45	139	95644	20.60	ng	# 47
27) 2,4-Dimethylphenol	9.52	122	431111	60.91	ng	# 81
28) bis(2-Chloroethoxy)methane	9.75	93	553582	54.50	ng	99
29) 2,4-Dichlorophenol	9.98	162	210234	26.58	ng	94
30) 1,2,4-Trichlorobenzene	10.18	180	494806	47.46	ng	99
31) Naphthalene	10.36	128	1436913	49.14	ng	99
32) Benzoic acid	9.67	122	564	6.27	ng	# 13
33) 4-Chloroaniline	10.50	127	202115	16.63	ng	# 85
34) Hexachlorobutadiene	10.63	225	309275	43.24	ng	97
35) Caprolactam	11.30	113	122439	43.29	ng	# 87
36) 4-Chloro-3-methylphenol	11.64	107	457347	46.67	ng	# 82
37) 2-Methylnaphthalene	11.99	142	1067877	48.49	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	587810	52.61	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	603847	91.28	ng	98

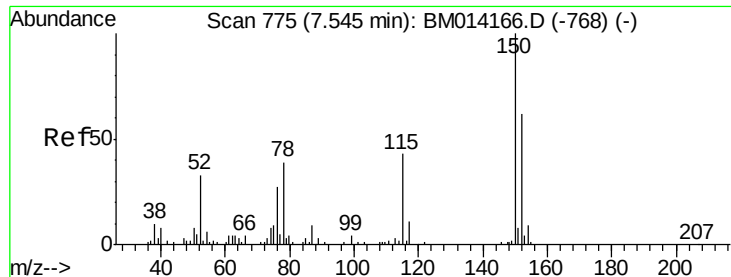
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014200.D
 Acq On : 08 Feb 2018 19:22
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	129110	19.67	nq	96
43) 2,4,5-Trichlorophenol	12.70	196	153330	21.16	nq #	85
45) 1,1'-Biphenyl	13.02	154	1429034	51.73	nq	97
46) 2-Chloronaphthalene	13.06	162	1082849	51.64	nq #	93
47) 2-Nitroaniline	13.29	65	368431	47.75	nq #	81
48) Acenaphthylene	13.92	152	1662125	48.34	nq	100
49) Dimethylphthalate	13.67	163	1449959	50.79	nq	99
50) 2,6-Dinitrotoluene	13.80	165	279535	47.72	nq #	67
51) Acenaphthene	14.26	154	1021645	48.20	nq	97
52) 3-Nitroaniline	14.13	138	212391	35.05	nq #	68
53) 2,4-Dinitrophenol	14.36	184	19808	13.04	nq	90
54) Dibenzofuran	14.60	168	1643833	49.64	nq #	91
55) 4-Nitrophenol	14.46	139	95581	24.26	nq #	84
56) 2,4-Dinitrotoluene	14.60	165	395243	43.72	nq #	82
57) Fluorene	15.26	166	1347977	46.27	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.84	232	108378	15.18	nq #	100
59) Diethylphthalate	15.04	149	1366828	43.13	nq	97
60) 4-Chlorophenyl-phenylether	15.26	204	701524	46.32	nq	92
61) 4-Nitroaniline	15.30	138	248335	40.96	nq #	25
62) Azobenzene	15.55	77	1450003	44.06	nq	85
64) 4,6-Dinitro-2-methylphenol	15.37	198	47423	15.20	nq	87
65) n-Nitrosodiphenylamine	15.47	169	1130626	56.36	nq	96
66) 4-Bromophenyl-phenylether	16.15	248	397656	53.40	nq #	87
67) Hexachlorobenzene	16.26	284	412201	50.41	nq #	79
68) Atrazine	16.44	200	368459	48.97	nq	98
69) Pentachlorophenol	16.62	266	126971	26.93	nq	94
70) Phenanthrene	17.00	178	1884220	49.16	nq	99
71) Anthracene	17.09	178	1921671	51.45	nq	100
72) Carbazole	17.37	167	1593349	45.39	nq	99
73) Di-n-butylphthalate	17.93	149	1947063	43.34	nq #	96
74) Fluoranthene	19.03	202	1938509	42.96	nq	99
76) Benzidine	19.23	184	906368	60.49	nq	99
77) Pyrene	19.39	202	1917197	54.85	nq	99
79) Butylbenzylphthalate	20.30	149	749257	47.60	nq #	81
80) Benzo(a)anthracene	21.14	228	1586468	48.53	nq	99
81) 3,3'-Dichlorobenzidine	21.09	252	453334	37.10	nq	99
82) Chrysene	21.20	228	1485466	46.84	nq	99
83) Bis(2-ethylhexyl)phthalate	21.08	149	1026947	44.73	nq	95
84) Di-n-octyl phthalate	21.94	149	1616677	50.86	nq	96
85) Indeno(1,2,3-cd)pyrene	25.51	276	1718135	68.91	nq	98
87) Benzo(b)fluoranthene	22.69	252	1481852	45.44	nq #	94
88) Benzo(k)fluoranthene	22.73	252	1485589	47.92	nq #	96
89) Benzo(a)pyrene	23.24	252	1438107	50.04	nq	98
90) Dibenzo(a,h)anthracene	25.51	278	1446502	61.59	nq #	93
91) Benzo(g,h,i)perylene	26.17	276	1406209	64.04	nq #	89

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

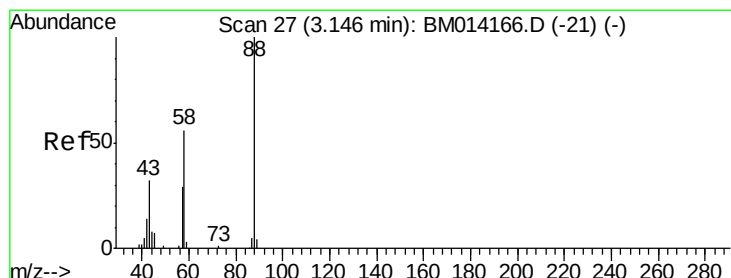
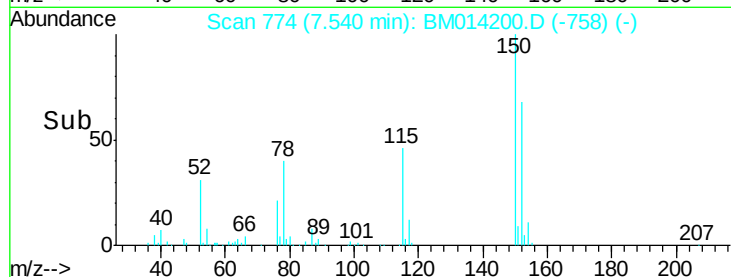
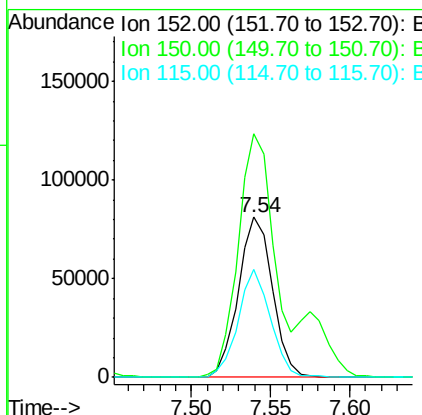
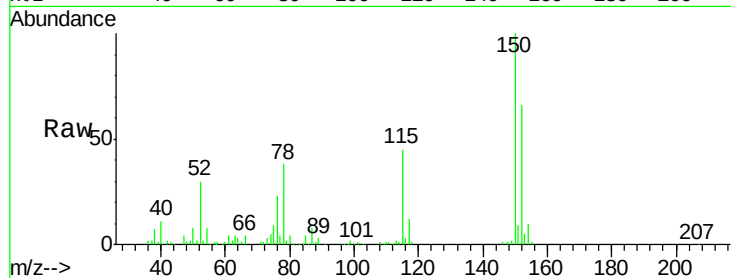


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Instrument :
BNA_M
ClientSampleId :

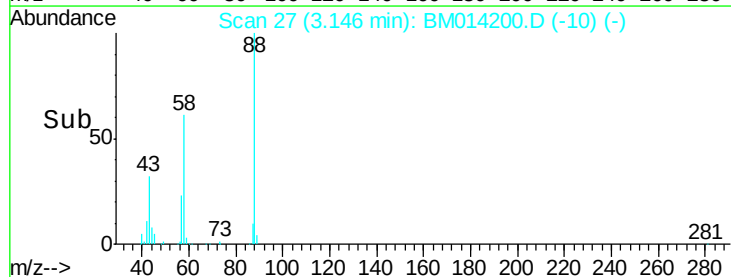
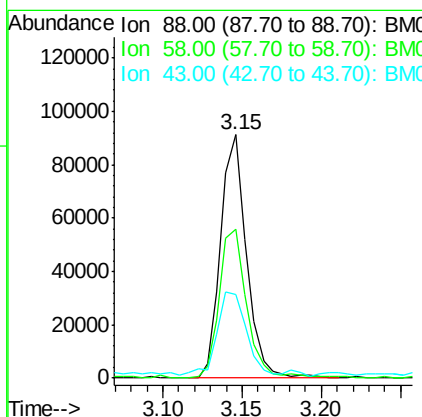
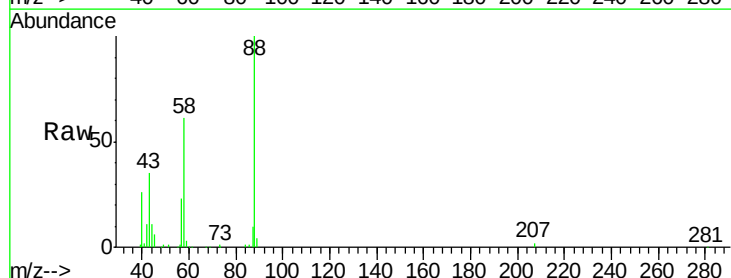
Tot Ion:152 Resp: 121501
Ion Ratio Lower Upper
152 100
150 152.1 119.5 179.3
115 67.8 43.0 64.4#

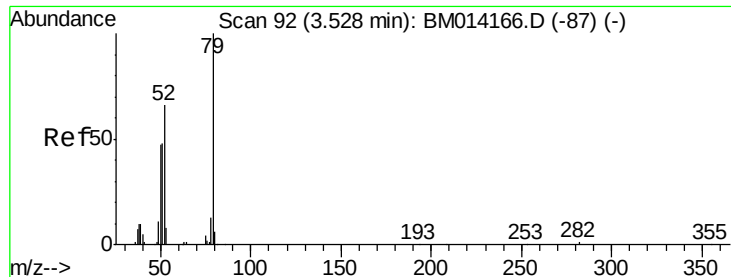


#2

1,4-Dioxane
Concen: 35.99 ng
RT: 3.15 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion: 88 Resp: 103092
Ion Ratio Lower Upper
88 100
58 65.0 0.0 0.0#
43 38.4 0.0 0.0#





#3

Pvridine

Concen: 40.04 ng

RT: 3.52 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

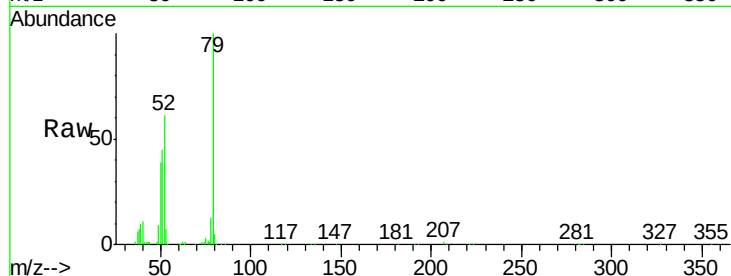
Tot Ion: 79 Resp: 317602

Ion Ratio Lower Upper

79 100

52 61.1 51.1 76.7

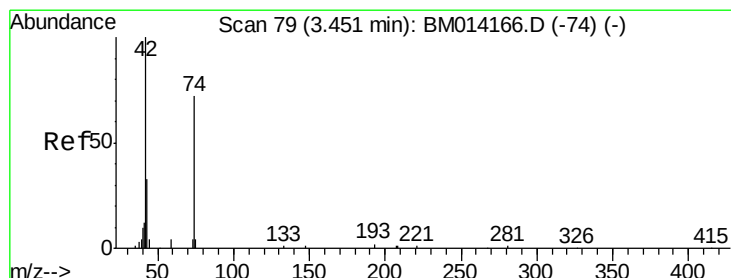
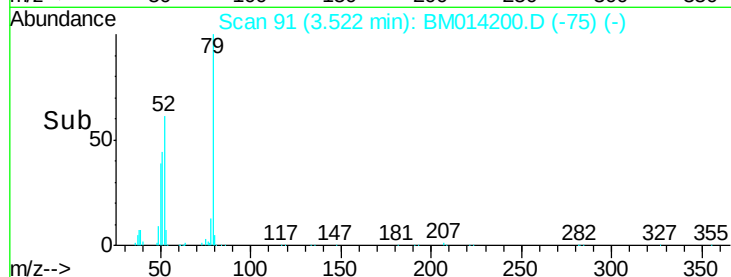
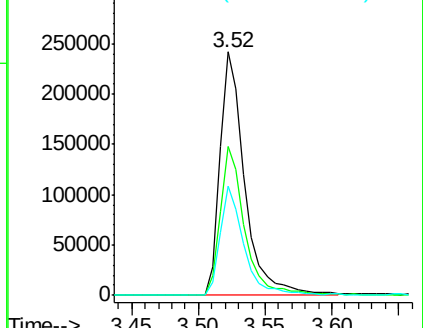
51 44.8 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM014166.D (-87) (-)

Ion 52.00 (51.70 to 52.70): BM014166.D (-87) (-)

Ion 51.00 (50.70 to 51.70): BM014166.D (-87) (-)



#4

n-Nitrosodimethylamine

Concen: 48.48 ng

RT: 3.45 min Scan# 78

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

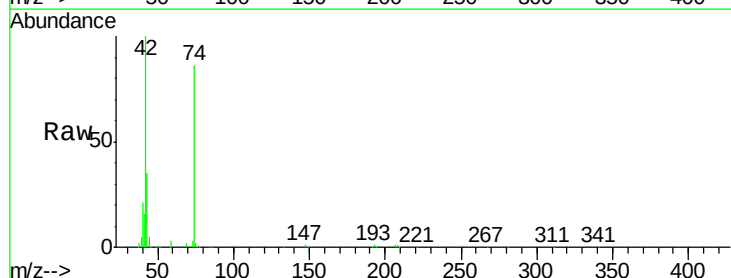
Tgt Ion: 42 Resp: 244971

Ion Ratio Lower Upper

42 100

74 85.6 119.3 178.9#

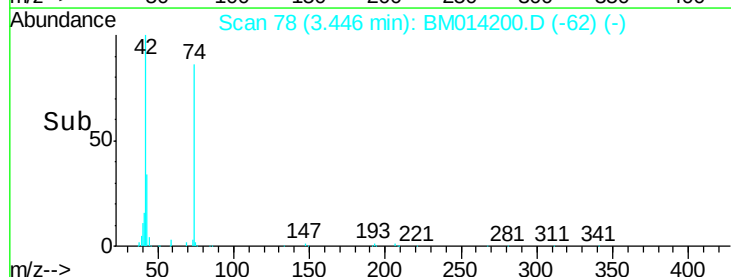
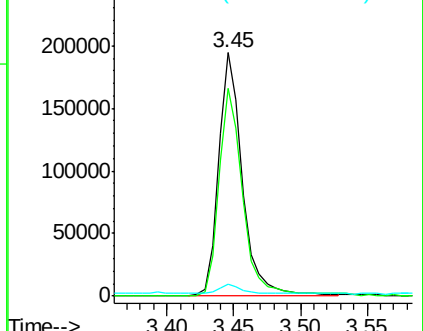
44 4.7 5.4 8.2#

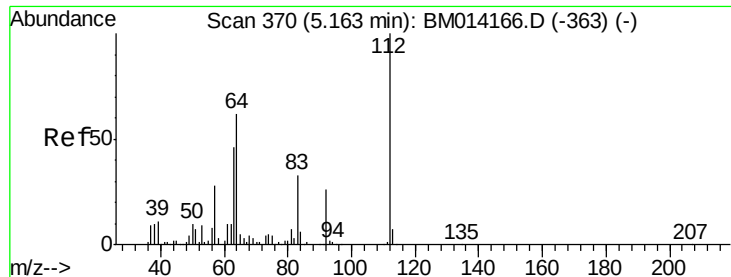


Abundance Ion 42.00 (41.70 to 42.70): BM014166.D (-74) (-)

Ion 74.00 (73.70 to 74.70): BM014166.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BM014166.D (-74) (-)





#5

2-Fluorophenol

Concen: 83.79 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

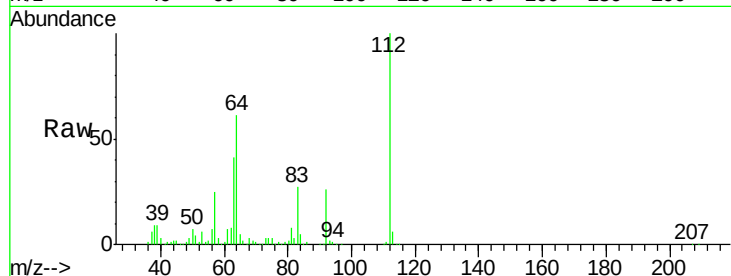
Tot Ion:112 Resp: 584077

Ion Ratio Lower Upper

112 100

64 60.6 38.6 57.8#

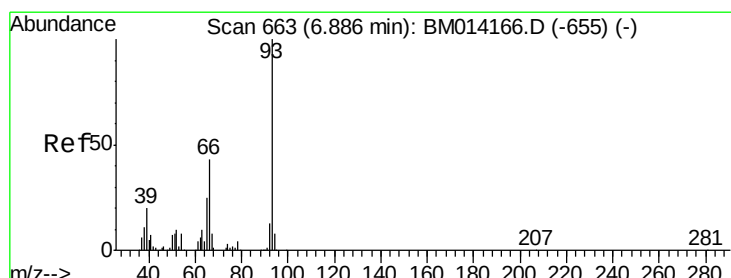
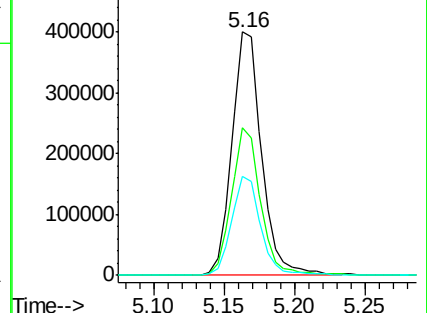
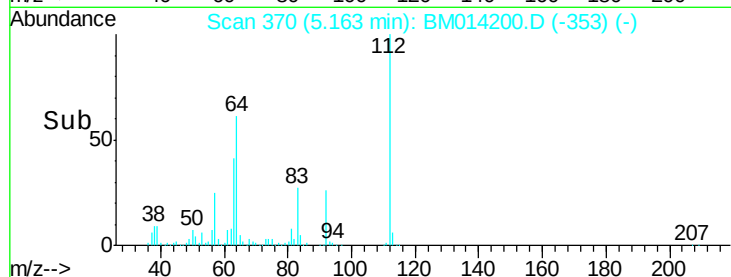
63 40.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 29.60 ng

RT: 6.89 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

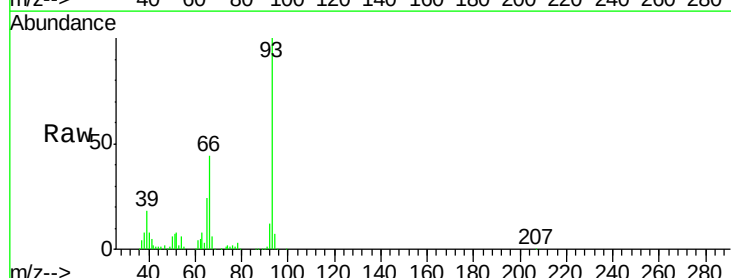
Tgt Ion: 93 Resp: 372493

Ion Ratio Lower Upper

93 100

66 43.6 30.8 46.2

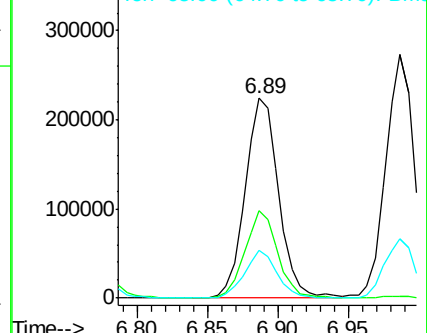
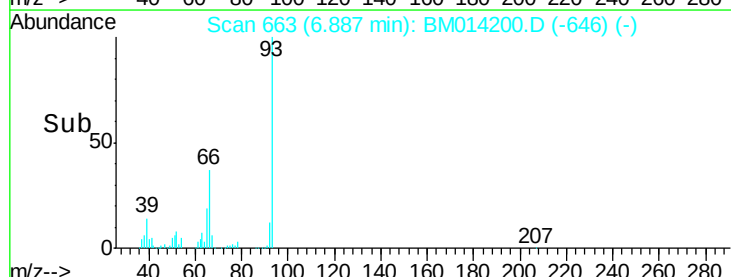
65 23.9 16.0 24.0

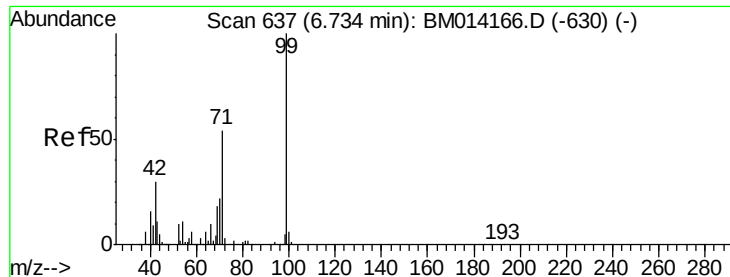


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 123.24 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

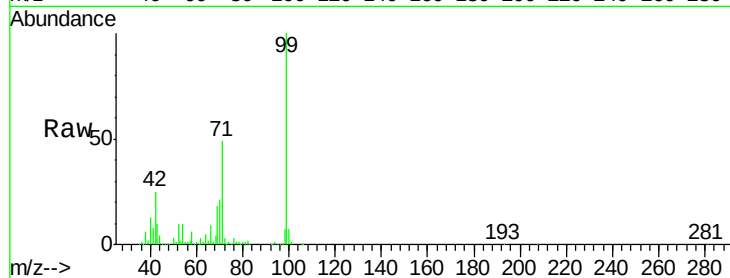
Tot Ion: 99 Resp: 1216680

Ion Ratio Lower Upper

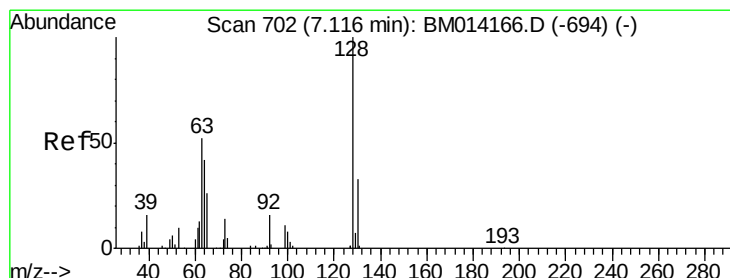
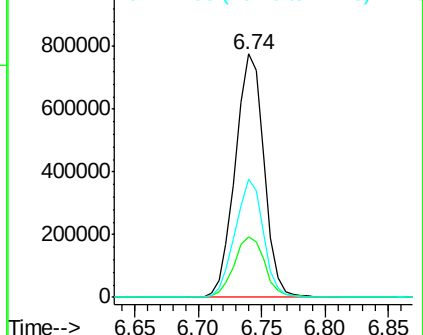
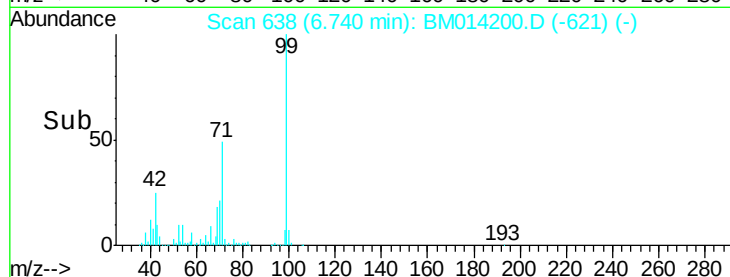
99 100

42 24.9 11.0 16.4#

71 48.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014200.D (-621) (-)



#8

2-Chlorophenol

Concen: 30.00 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

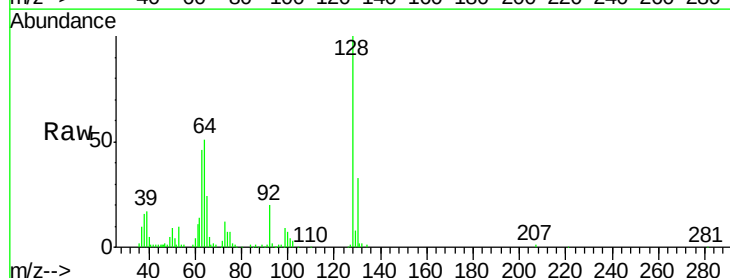
Tgt Ion: 128 Resp: 237690

Ion Ratio Lower Upper

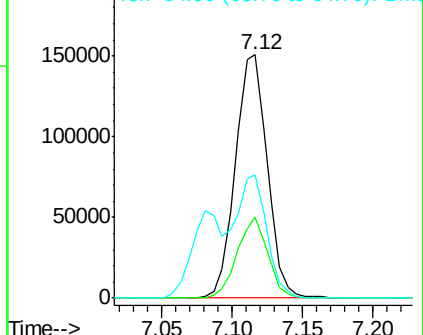
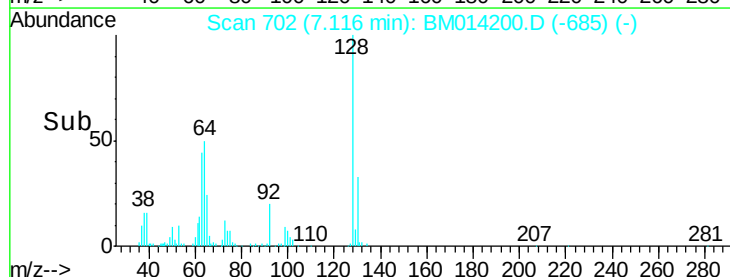
128 100

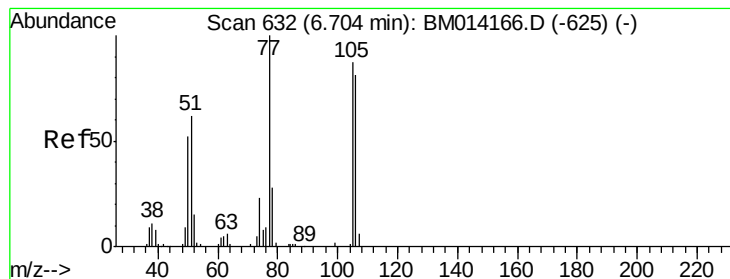
130 33.1 12.0 52.0

64 50.5 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): BM014200.D (-685) (-)





#9

Benzaldehyde

Concen: 16.97 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

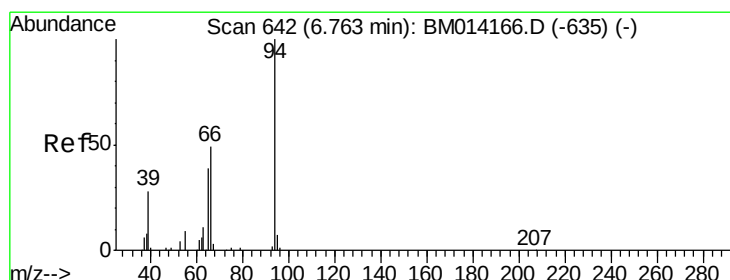
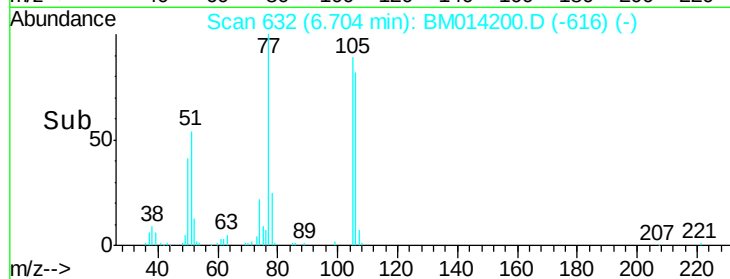
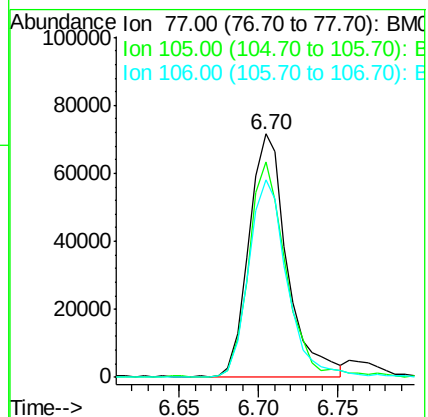
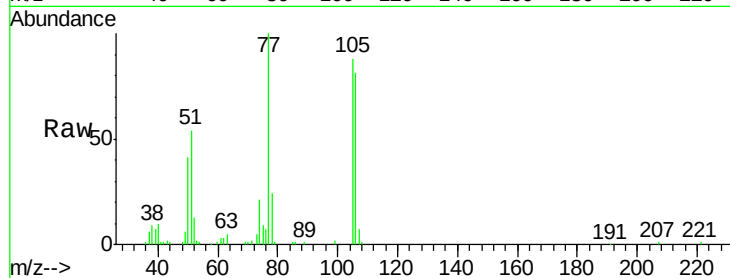
Tot Ion: 77 Resp: 120597

Ion Ratio Lower Upper

77 100

105 88.3 78.8 118.8

106 81.4 73.7 113.7



#10

Phenol

Concen: 47.54 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

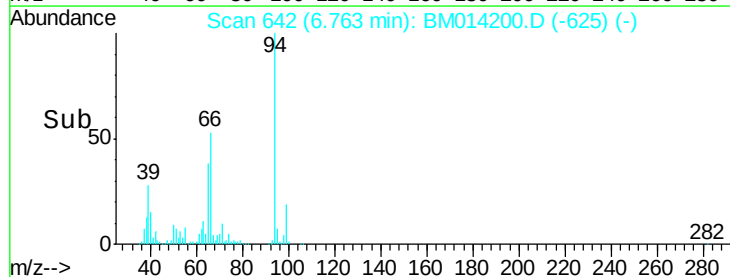
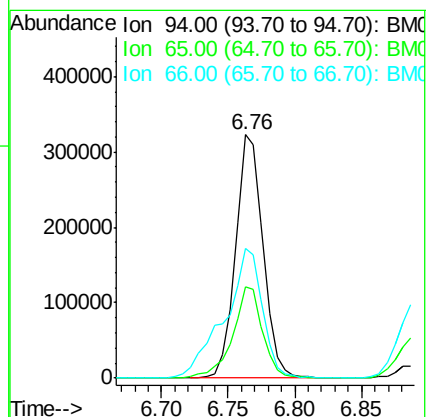
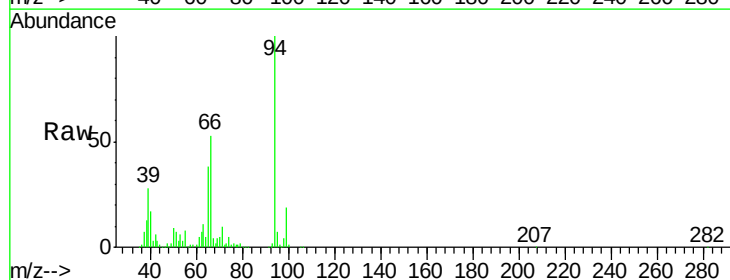
Tgt Ion: 94 Resp: 463303

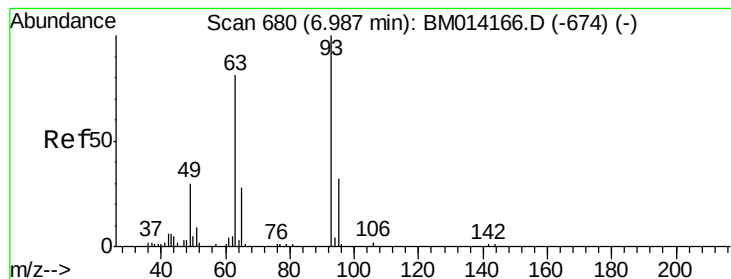
Ion Ratio Lower Upper

94 100

65 37.8 18.8 58.8

66 53.3 39.9 79.9

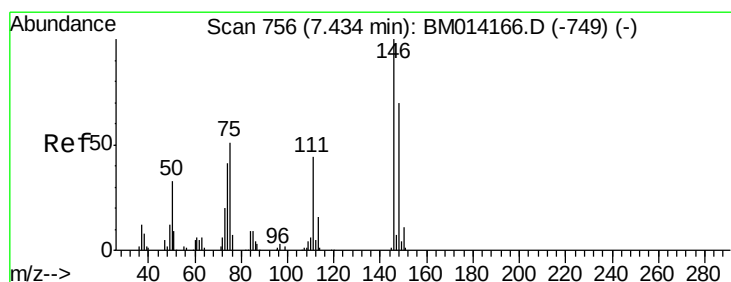
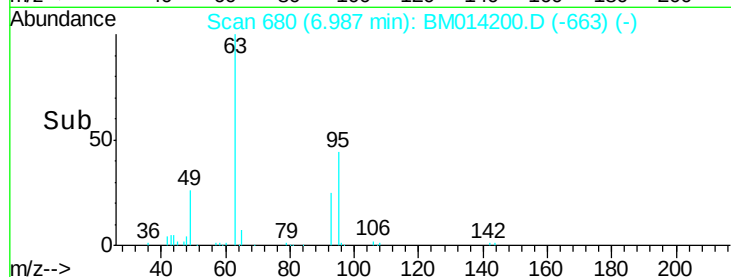
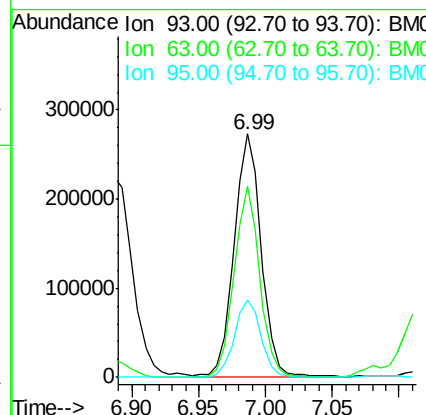
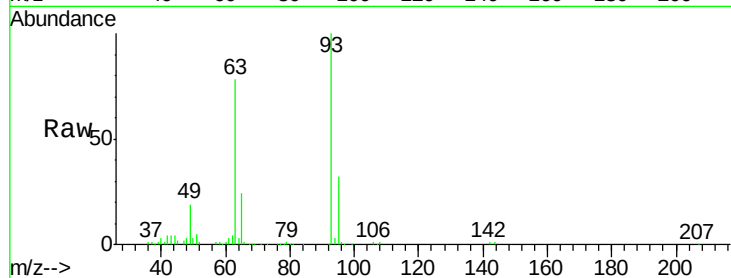




#11
bis(2-Chloroethyl)ether
Concen: 49.80 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

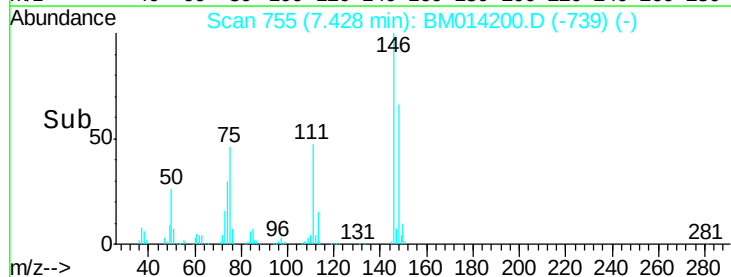
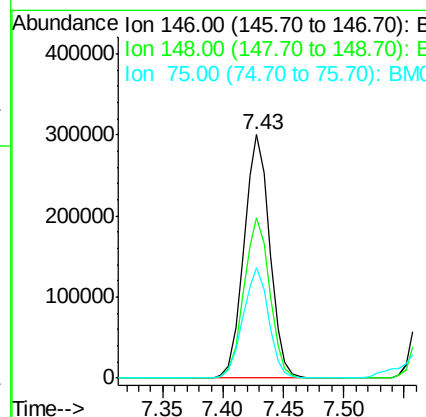
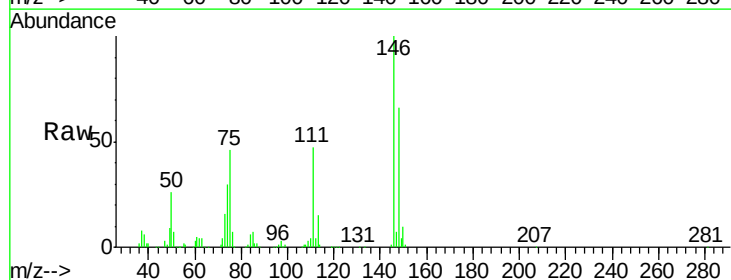
Instrument :
BNA_M
ClientSampleId :

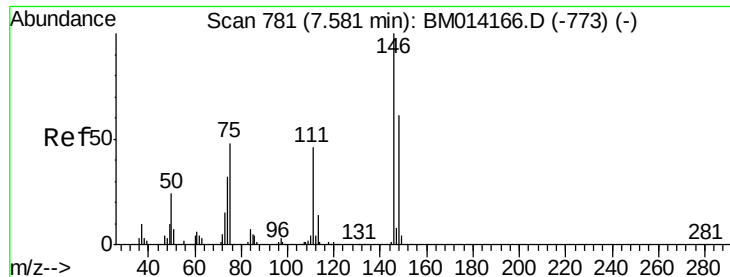
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	49.5	89.5
95	32.0	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 45.18 ng
RT: 7.43 min Scan# 755
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.9	76.3
75	45.6	21.4	32.2

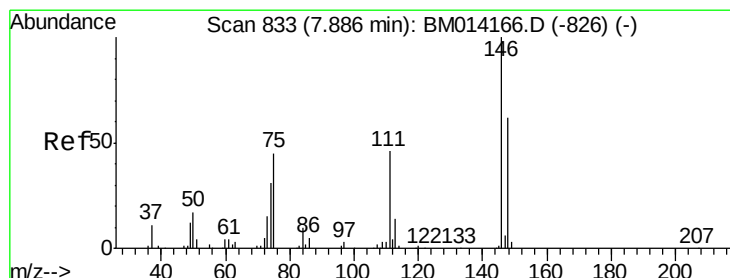
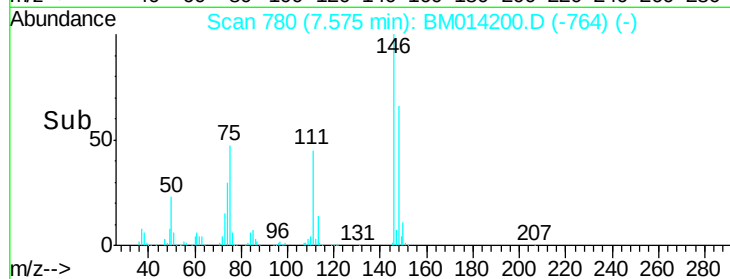
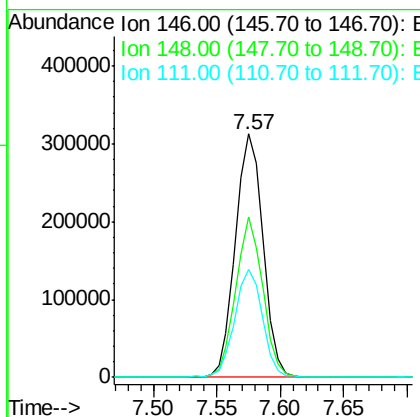
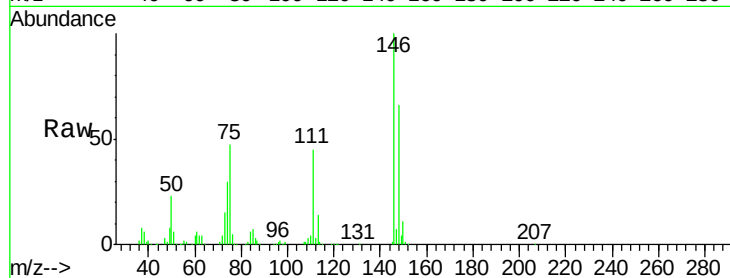




#13
 1,4-Dichlorobenzene
 Concen: 47.51 ng
 RT: 7.57 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

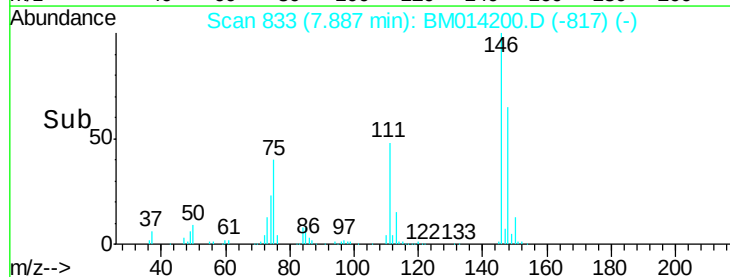
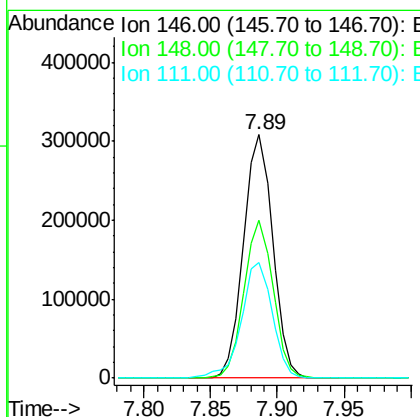
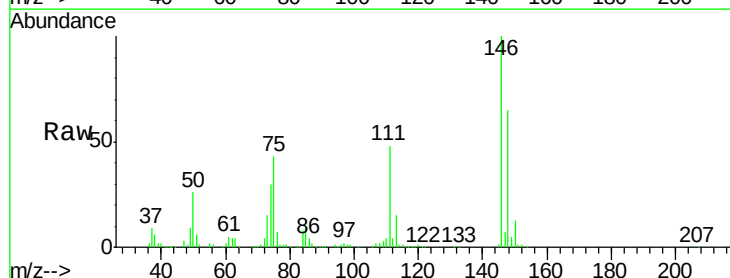
Instrument :
 BNA_M
 ClientSampleId :

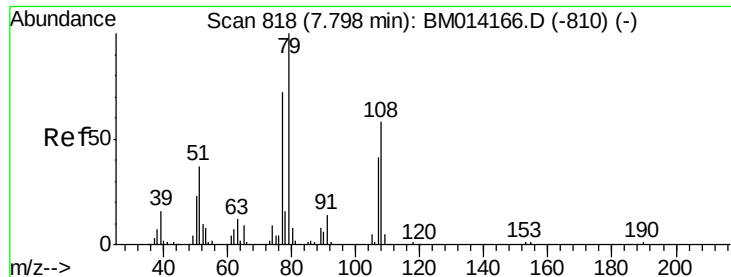
Tot Ion:146 Resp: 472721
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.9 77.9
 111 44.6 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 46.60 ng
 RT: 7.89 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Tgt Ion:146 Resp: 466578
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.3 78.5
 111 47.5 30.6 45.8#





#15

Benzyl Alcohol

Concen: 52.15 ng

RT: 7.80 min Scan# 818

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

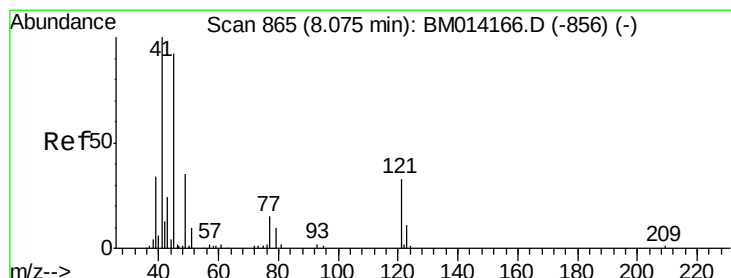
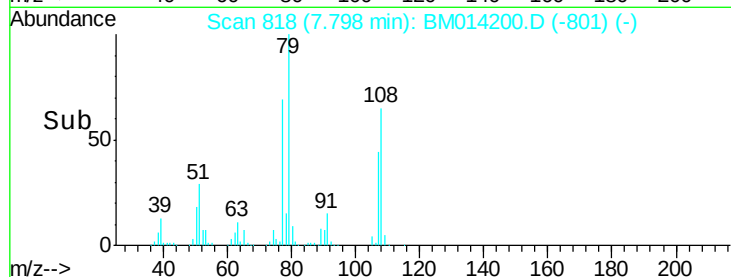
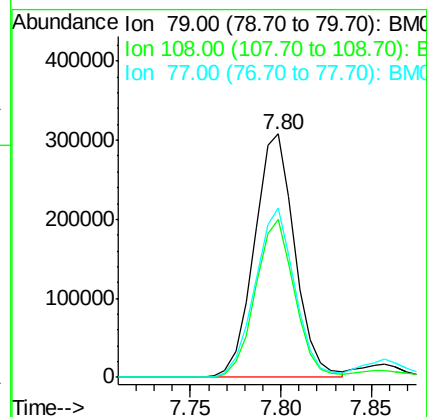
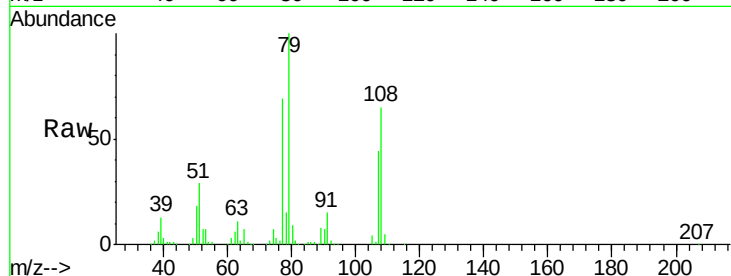
Tot Ion: 79 Resp: 477027

Ion Ratio Lower Upper

79 100

108 64.9 65.0 97.4#

77 69.4 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.38 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

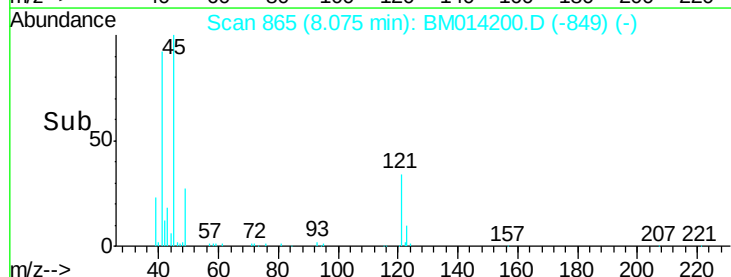
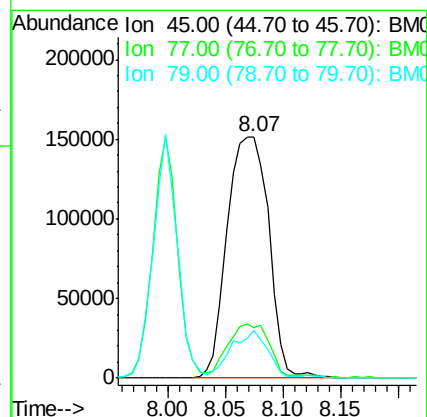
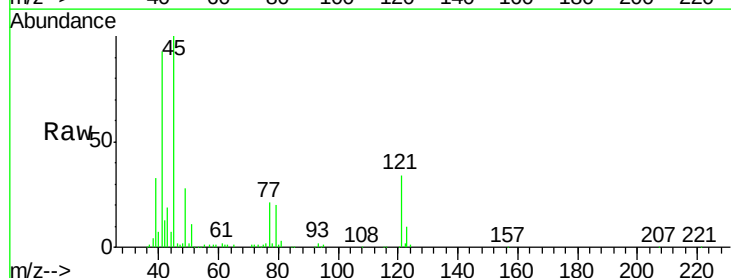
Tgt Ion: 45 Resp: 379143

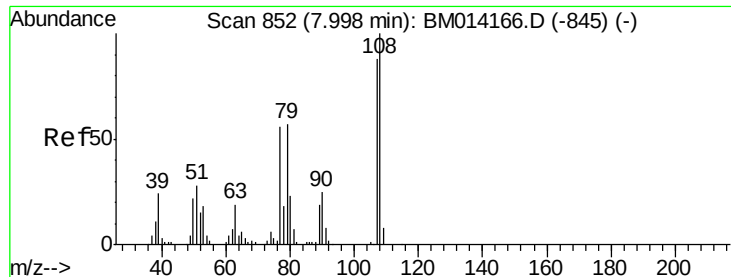
Ion Ratio Lower Upper

45 100

77 21.1 0.0 35.2

79 19.8 0.0 32.0





#17

2-Methylphenol

Concen: 49.54 ng

RT: 8.00 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 369515

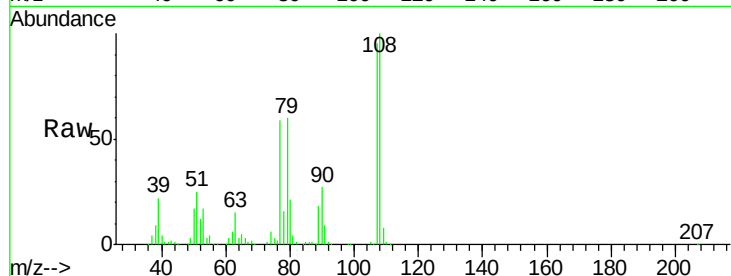
Ion Ratio Lower Upper

107 100

108 105.2 89.8 134.8

77 62.1 32.6 48.8#

79 62.7 32.8 49.2#

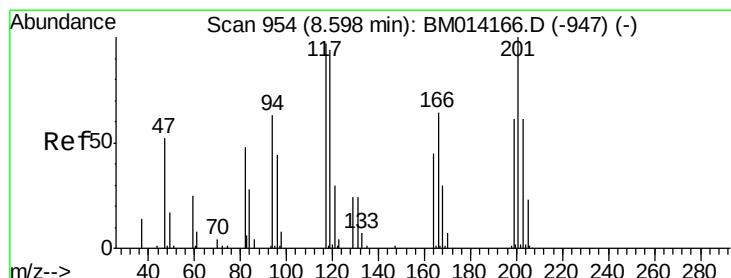
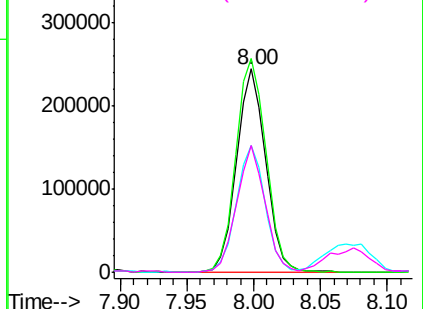
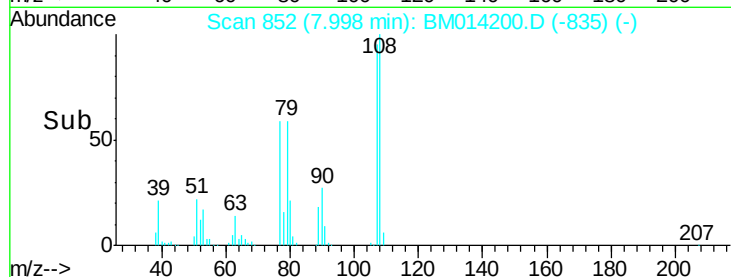


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 44.39 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

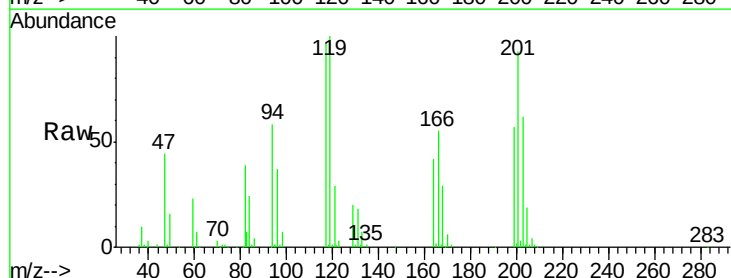
Tgt Ion:117 Resp: 190880

Ion Ratio Lower Upper

117 100

119 102.8 79.2 118.8

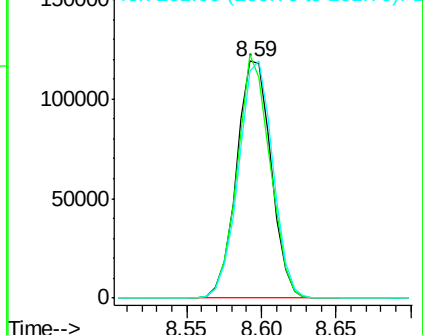
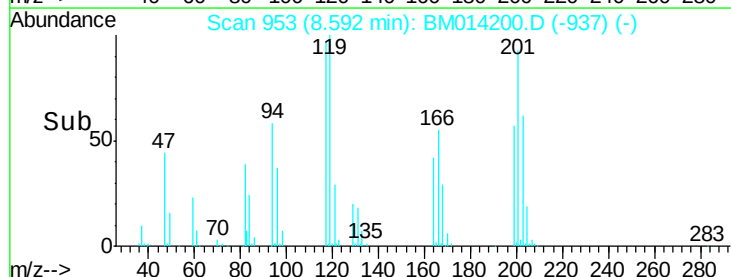
201 96.0 69.8 104.6

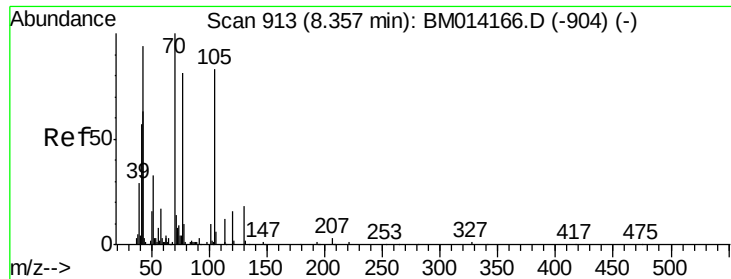


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

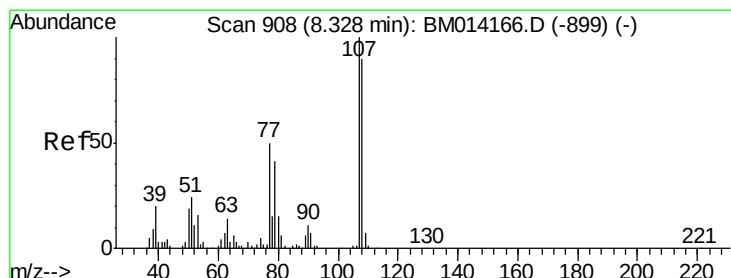
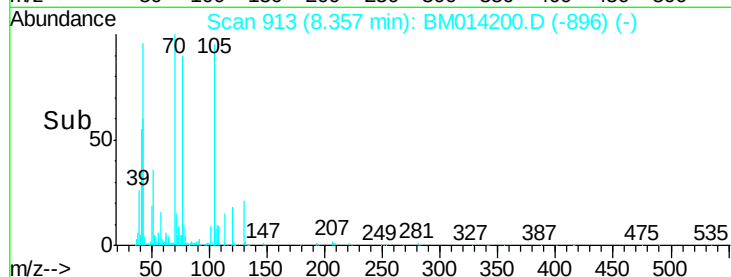
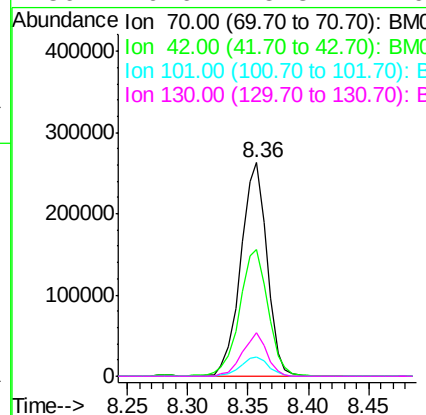
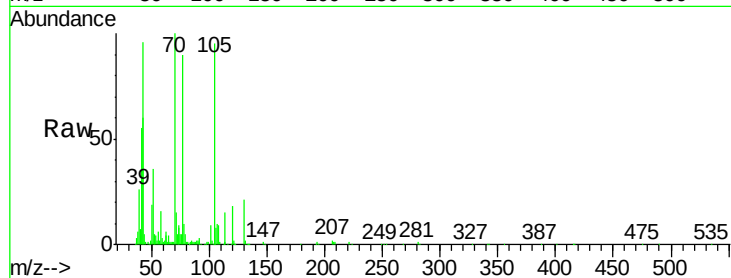




#19
n-Nitroso-di-n-propylamine
Concen: 47.04 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

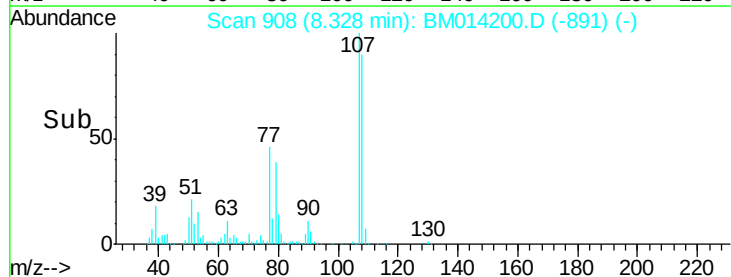
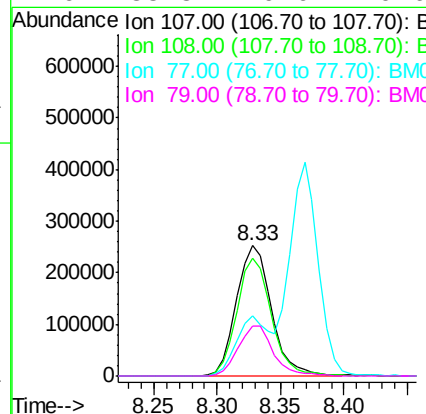
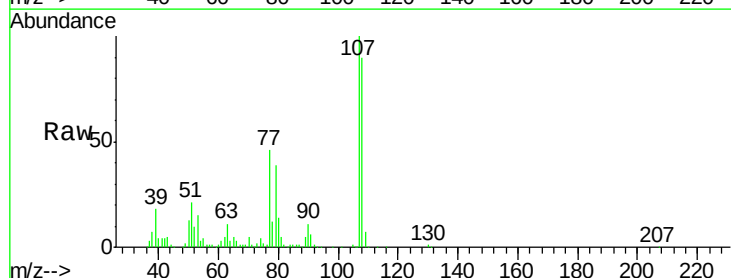
Instrument :
BNA_M
ClientSampleId :

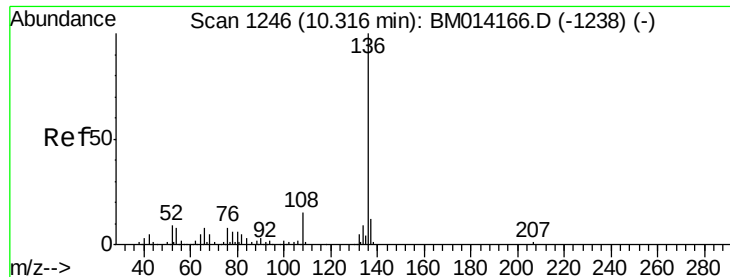
Tot Ion:	70	Resp:	400103
Ion	Ratio	Lower	Upper
70	100		
42	59.5	44.5	66.7
101	9.1	7.4	11.2
130	20.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 44.88 ng
RT: 8.33 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion:	107	Resp:	484821
Ion	Ratio	Lower	Upper
107	100		
108	90.3	73.2	113.2
77	46.0	10.7	50.7
79	38.8	9.6	49.6

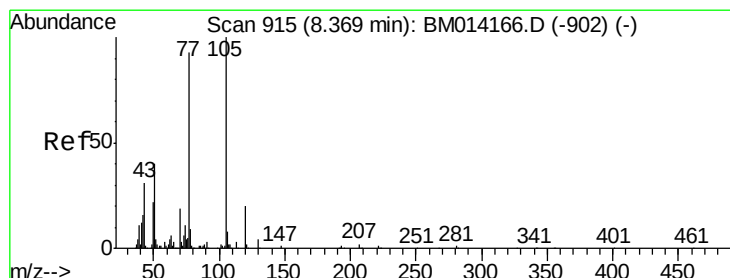
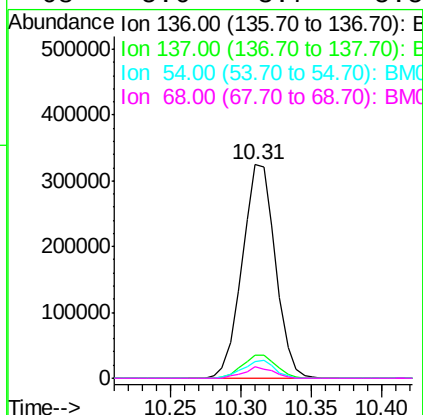
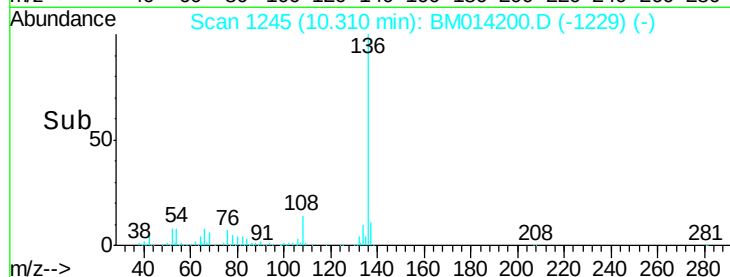
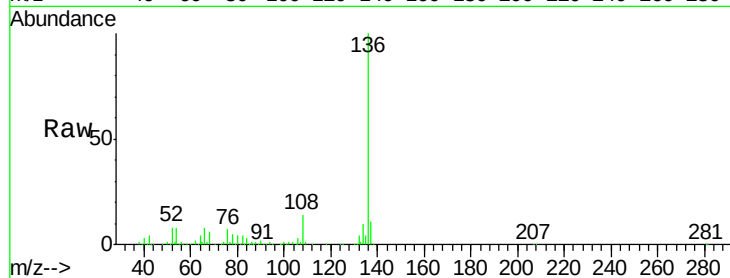




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

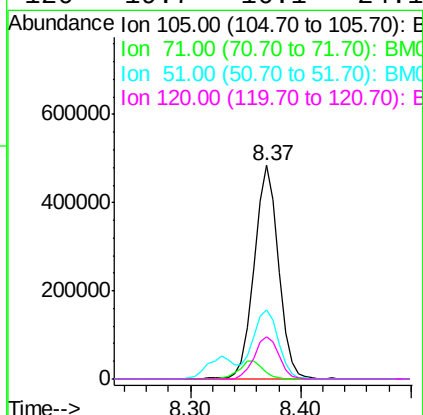
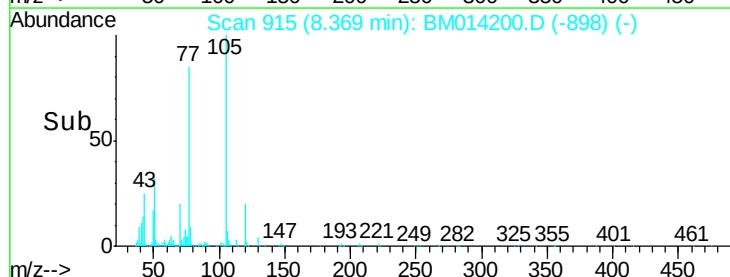
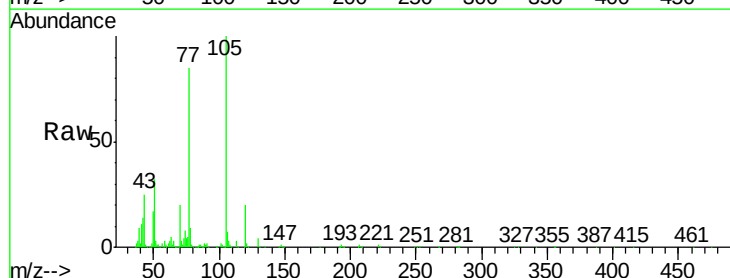
Instrument :
BNA_M
ClientSampled :

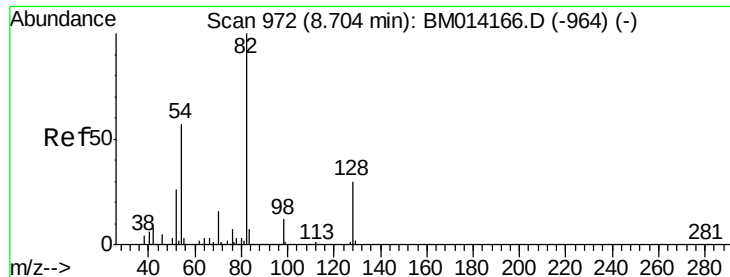
Tot Ion:136	Resp:	534068
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.7 13.1
54	7.9	4.6 6.8#
68	5.6	3.7 5.5#



#22
Acetophenone
Concen: 48.90 ng
RT: 8.37 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion:105	Resp:	750920
Ion Ratio	Lower	Upper
105	100	
71	2.9	0.6 1.0#
51	32.4	21.6 32.4#
120	19.7	16.1 24.1

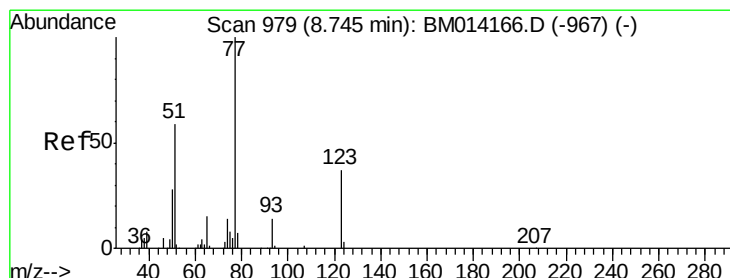
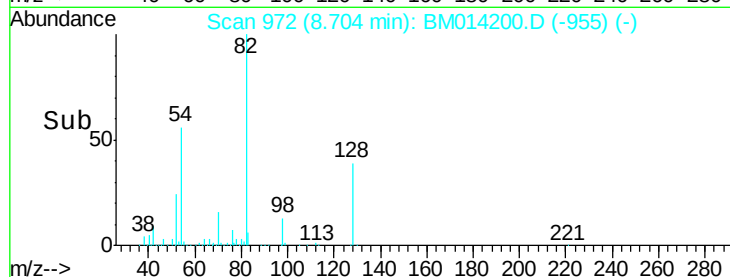
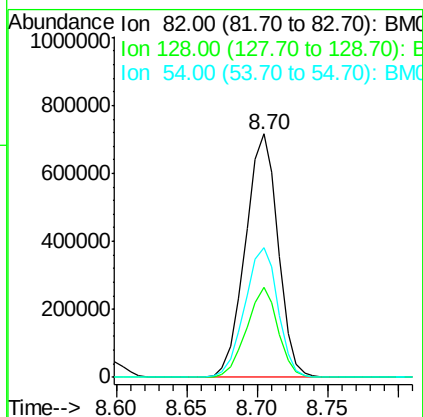
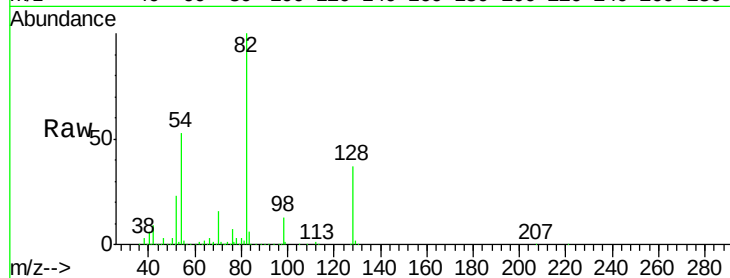




#23
 Nitrobenzene-d5
 Concen: 97.58 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

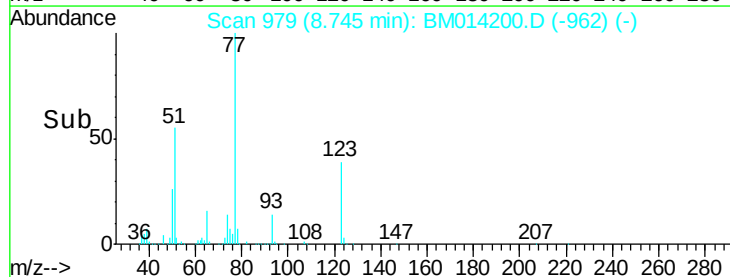
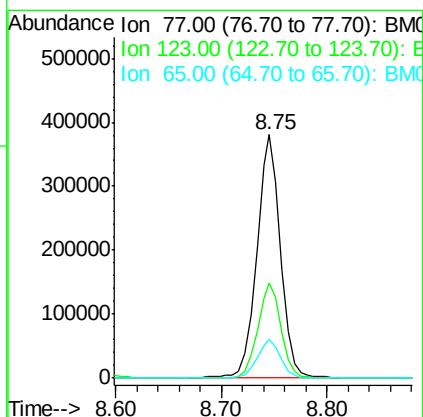
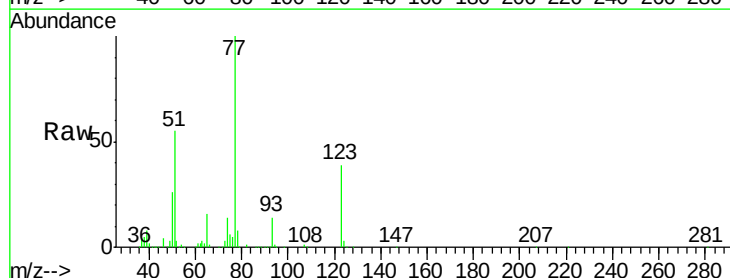
Instrument :
 BNA_M
 ClientSampled :

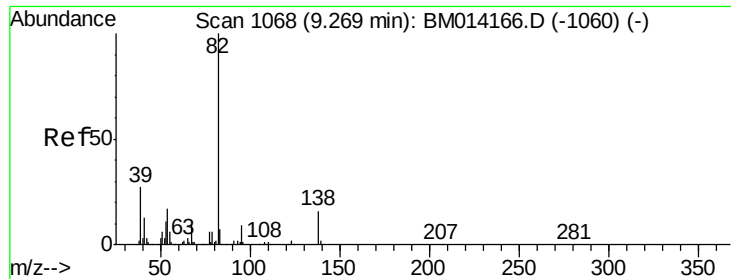
Tot Ion: 82 Resp: 1166745
 Ion Ratio Lower Upper
 82 100
 128 37.0 32.8 49.2
 54 53.4 40.6 60.8



#24
 Nitrobenzene
 Concen: 48.09 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Tgt Ion: 77 Resp: 591988
 Ion Ratio Lower Upper
 77 100
 123 39.0 32.6 49.0
 65 16.1 10.9 16.3





#25

Isophorone

Concen: 50.55 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

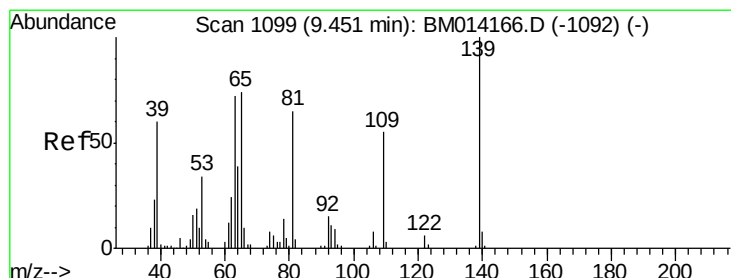
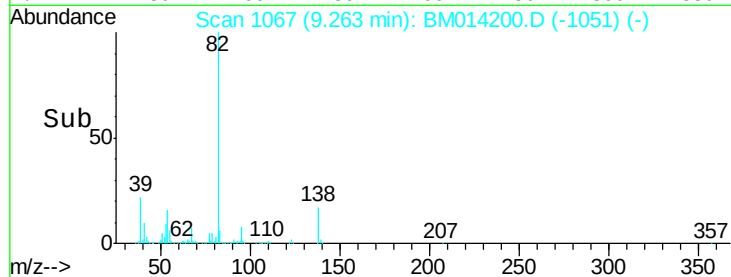
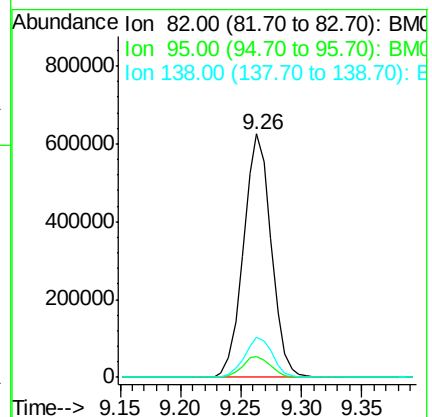
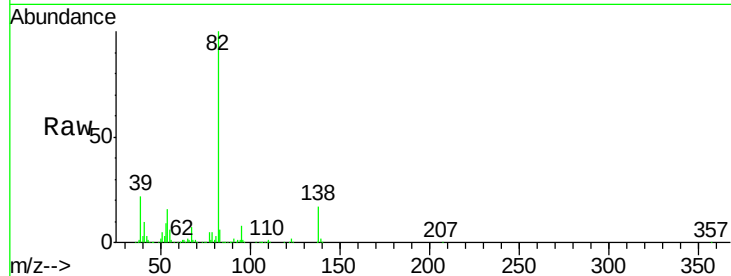
Tot Ion: 82 Resp: 1001179

Ion Ratio Lower Upper

82 100

95 8.4 5.8 8.6

138 16.7 16.3 24.5



#26

2-Nitrophenol

Concen: 20.60 ng

RT: 9.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

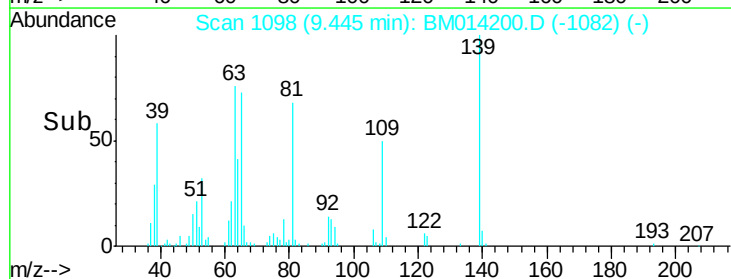
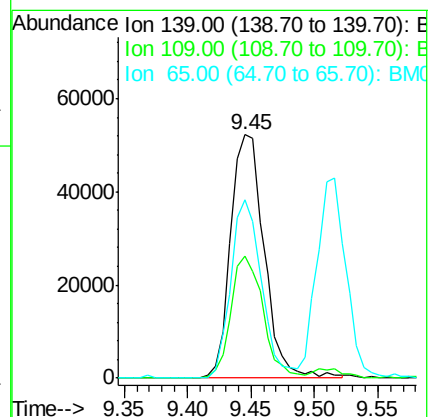
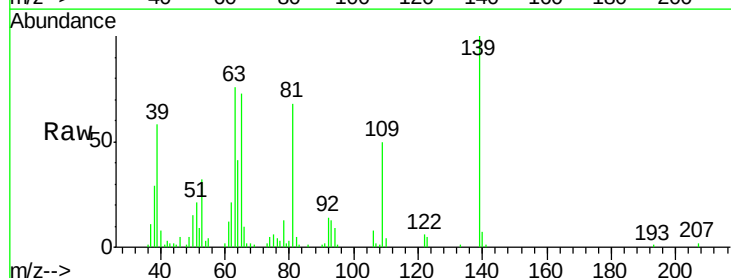
Tgt Ion: 139 Resp: 95644

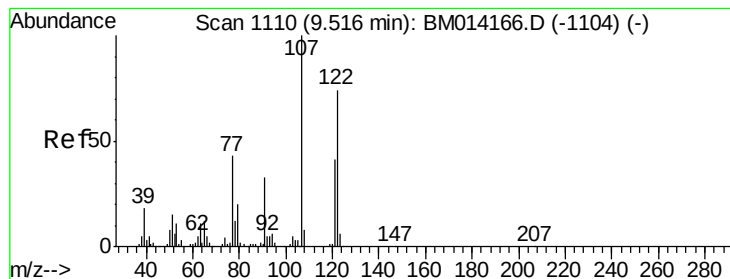
Ion Ratio Lower Upper

139 100

109 50.3 20.1 30.1#

65 73.2 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 60.91 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

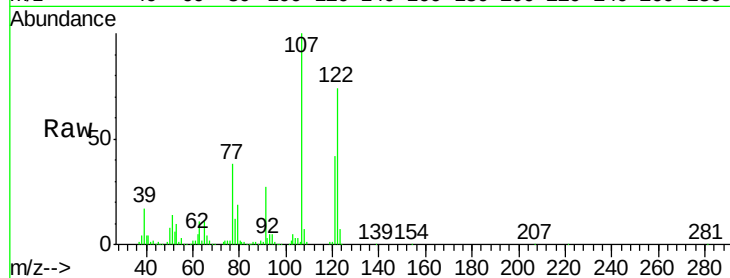
Tot Ion:122 Resp: 431111

Ion Ratio Lower Upper

122 100

107 134.7 84.7 127.1#

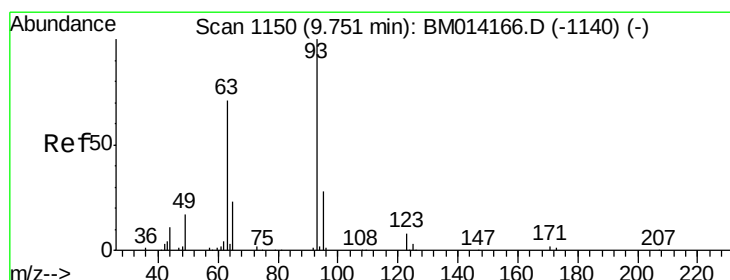
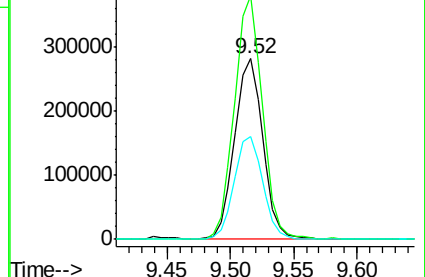
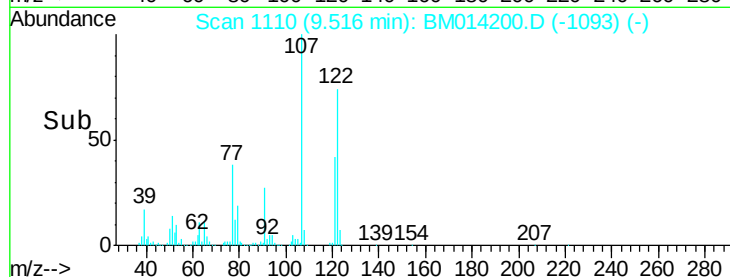
121 56.7 46.6 69.8



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: 54.50 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

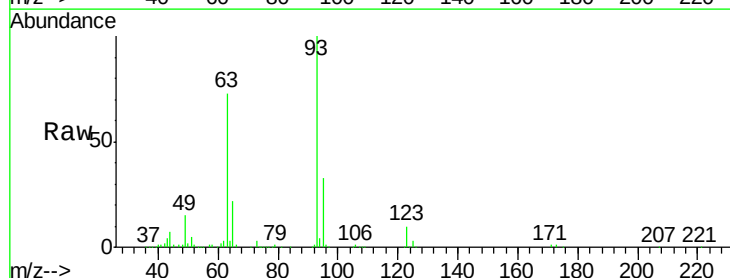
Tgt Ion: 93 Resp: 553582

Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

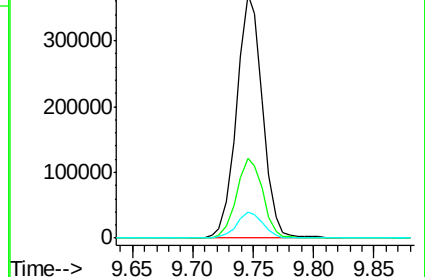
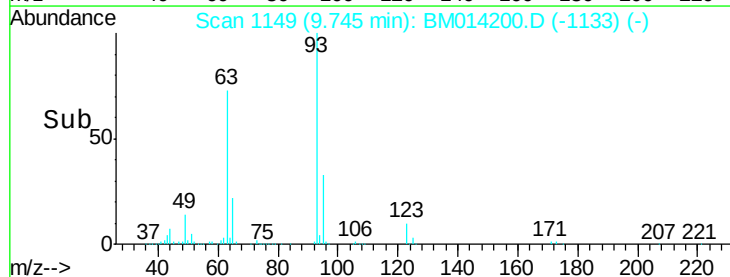
123 10.4 8.6 13.0

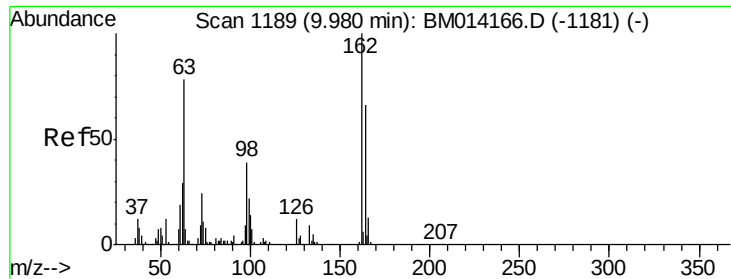


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

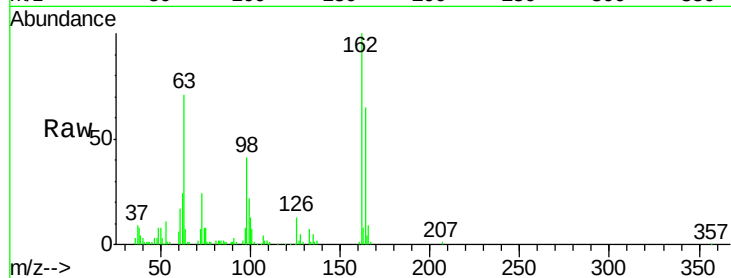




#29
2,4-Dichlorophenol
Concen: 26.58 ng
RT: 9.98 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.8	82.8
98	40.6	14.5	54.5

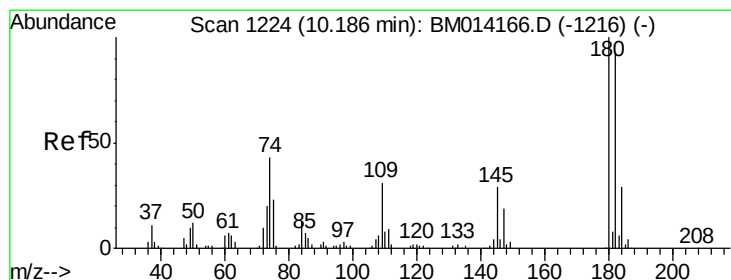
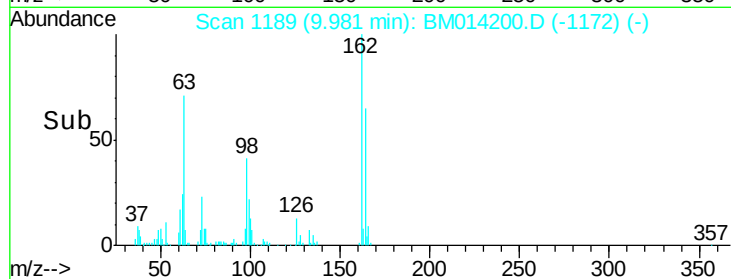
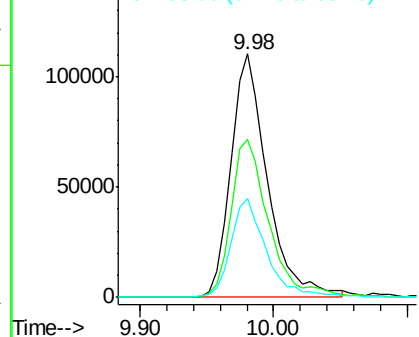


Abundance

Ion 162.00 (161.70 to 162.70): E

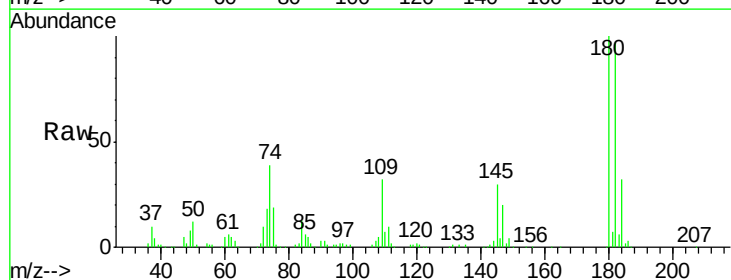
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 47.46 ng
RT: 10.18 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.6	116.4
145	30.4	23.4	35.2

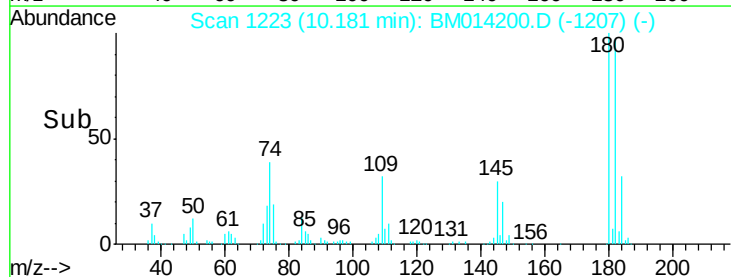
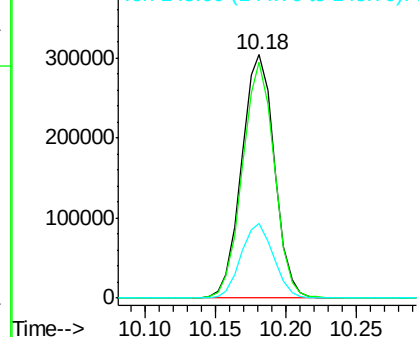


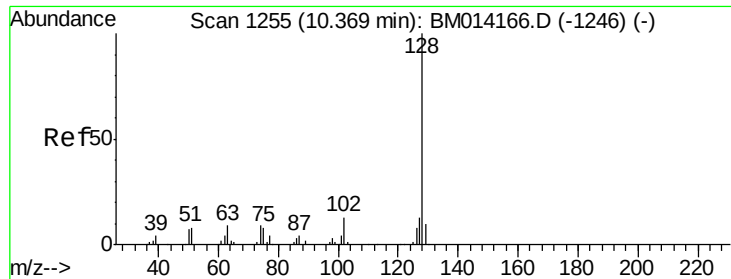
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

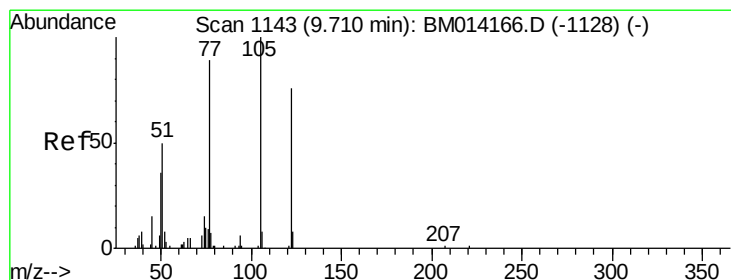
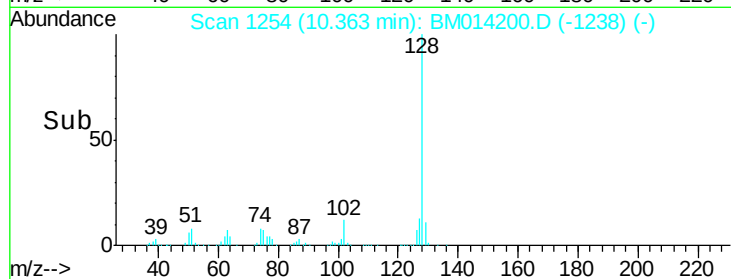
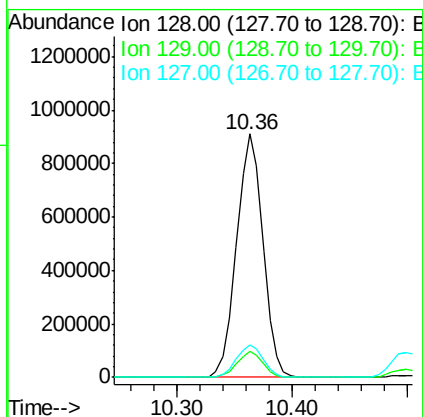
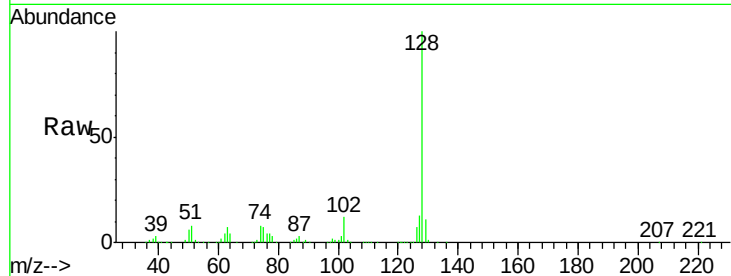




#31
Naphthalene
Concen: 49.14 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

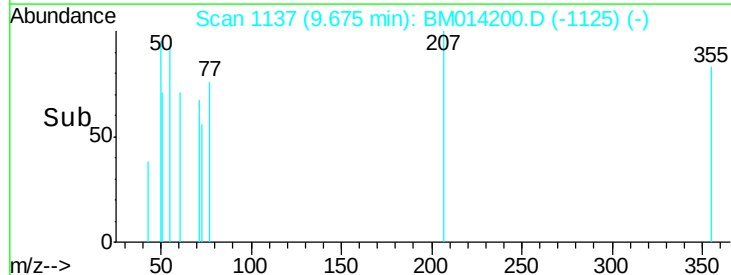
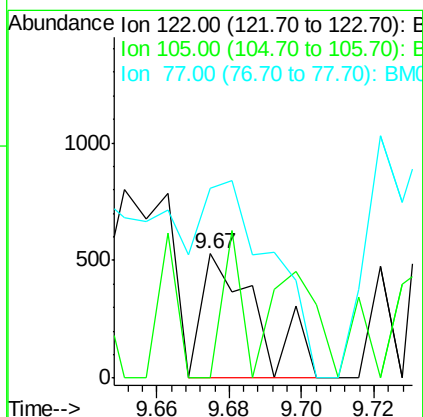
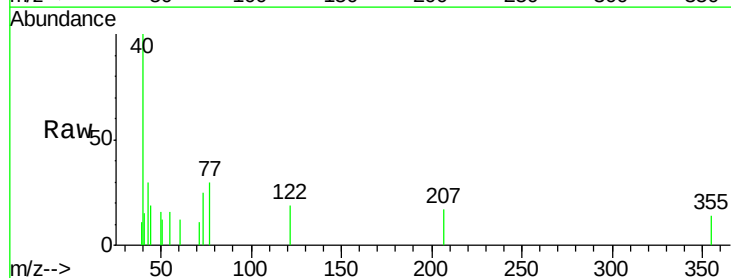
Instrument :
BNA_M
ClientSampleId :

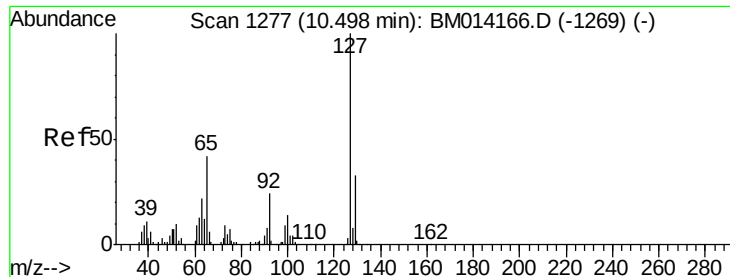
Tot Ion:128 Resp: 1436913
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 6.27 ng
RT: 9.67 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion:122 Resp: 564
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 152.5 73.7 113.7#

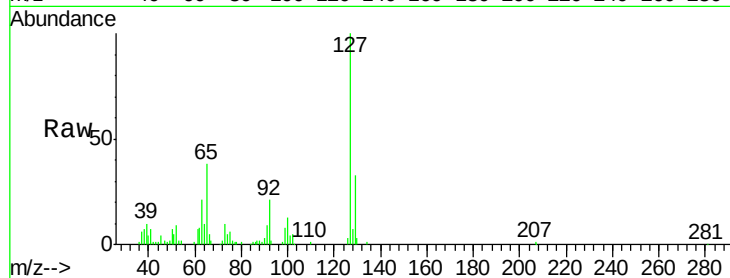




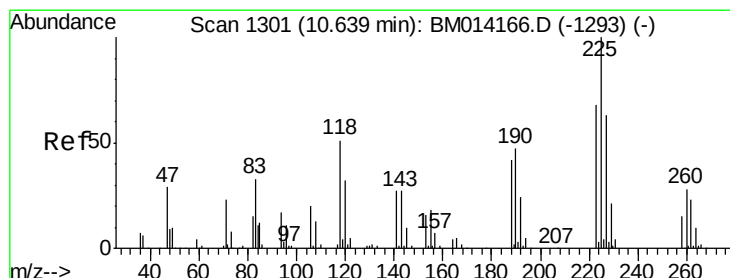
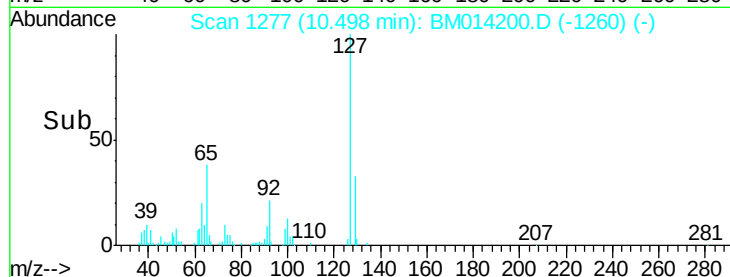
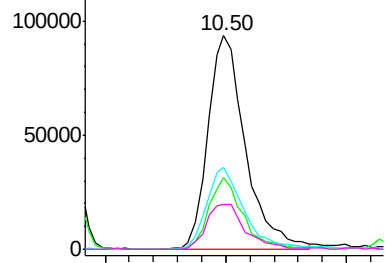
#33
4-Chloroaniline
Concen: 16.63 ng
RT: 10.50 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Instrument :
BNA_M
ClientSampled :

Tot Ion:127	Resp:	202115
Ion Ratio	Lower	Upper
127	100	
129	33.3	25.3 37.9
65	38.2	17.6 26.4
92	20.9	13.1 19.7

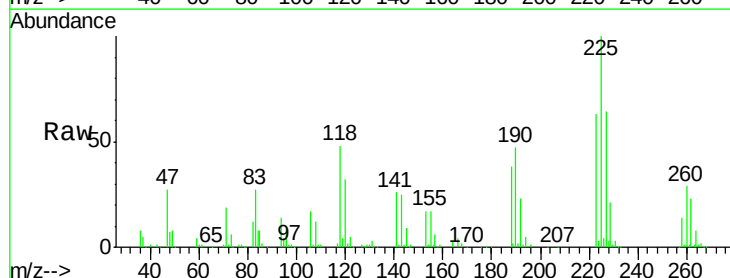


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

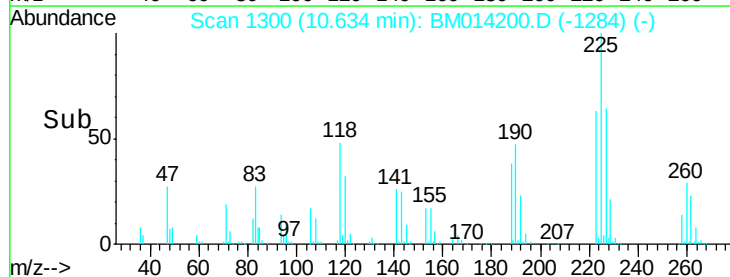
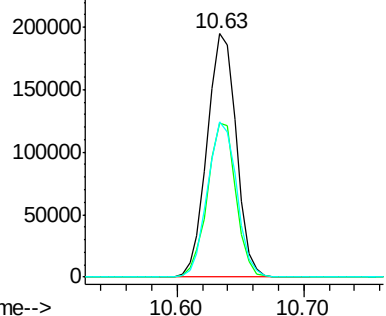


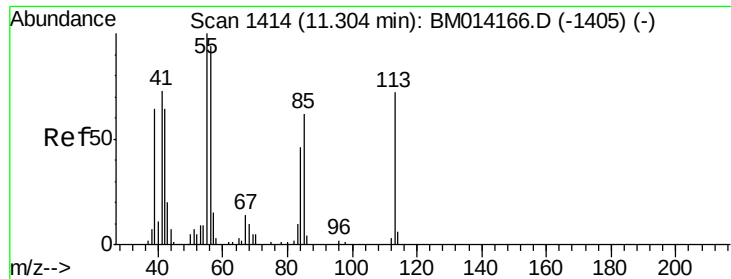
#34
Hexachlorobutadiene
Concen: 43.24 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion:225	Resp:	309275
Ion Ratio	Lower	Upper
225	100	
223	63.0	47.9 71.9
227	63.7	50.1 75.1



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

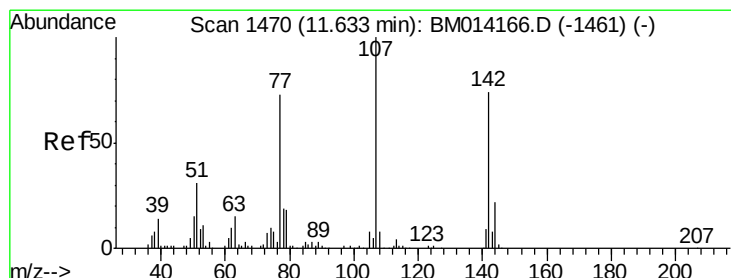
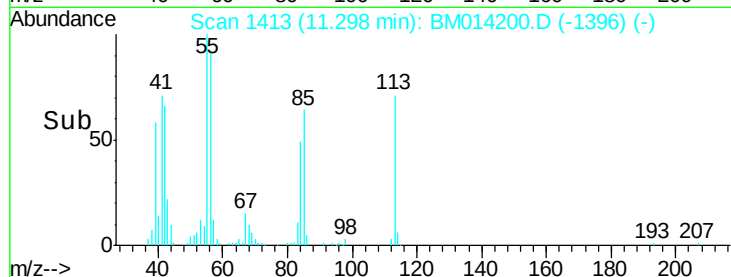
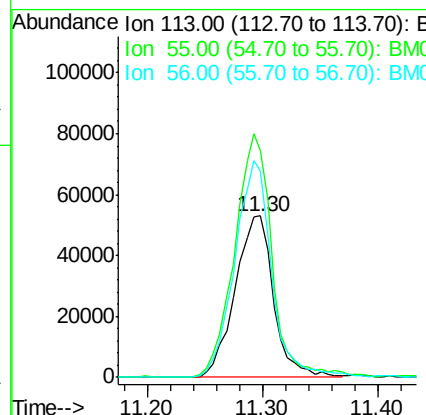
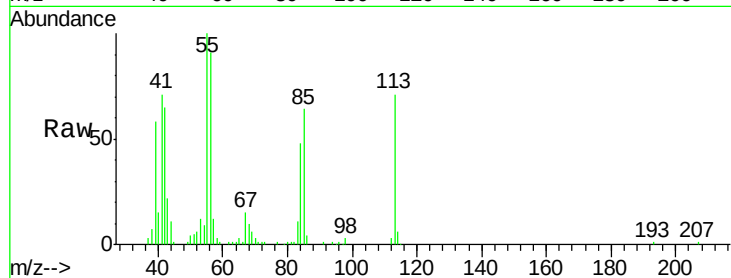




#35
 Caprolactam
 Concen: 43.29 ng
 RT: 11.30 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

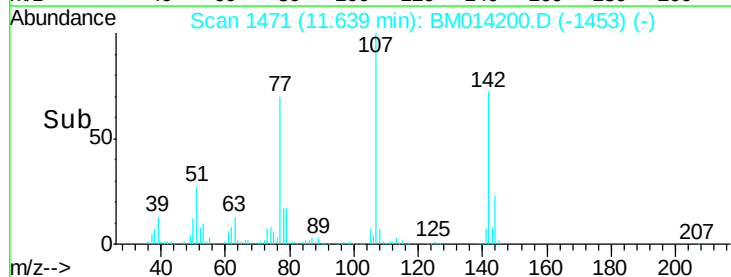
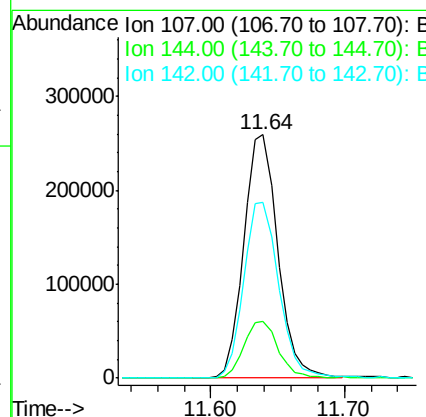
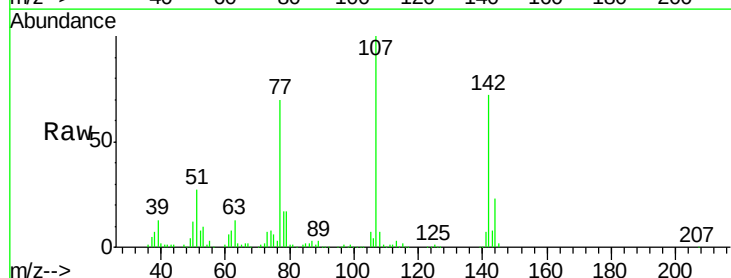
Instrument :
 BNA_M
 ClientSampleId :

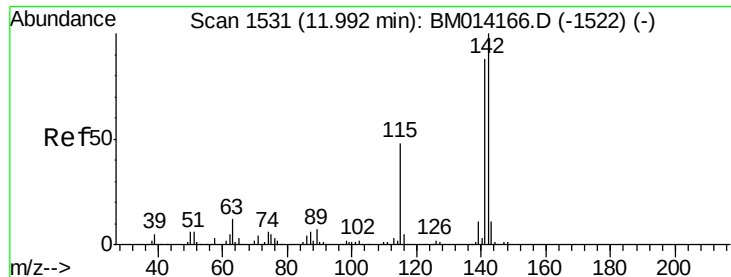
Tot Ion:113 Resp: 122439
 Ion Ratio Lower Upper
 113 100
 55 140.7 145.9 185.9#
 56 128.0 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.67 ng
 RT: 11.64 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Tgt Ion:107 Resp: 457347
 Ion Ratio Lower Upper
 107 100
 144 23.4 23.3 34.9
 142 72.1 72.6 109.0#

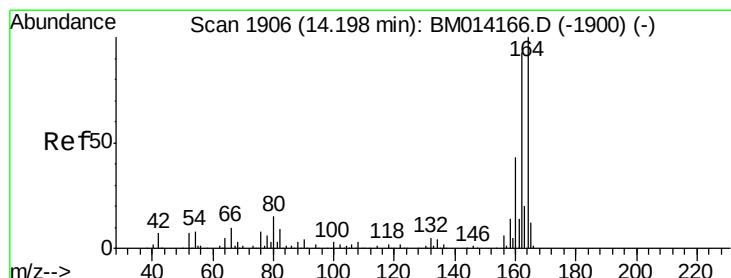
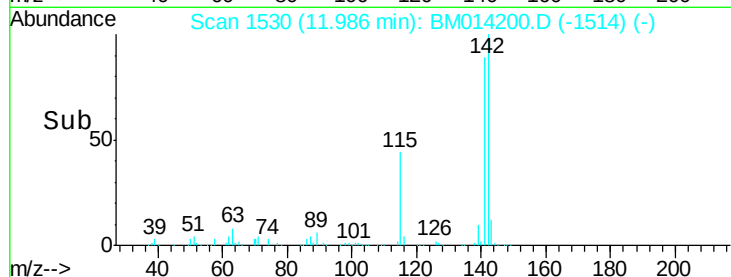
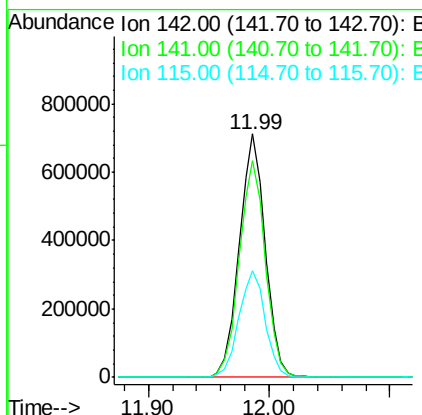
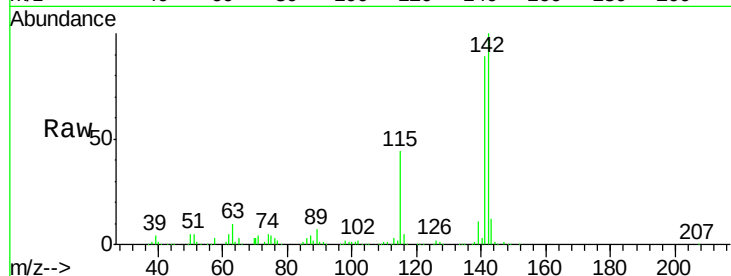




#37
 2-Methylnaphthalene
 Concen: 48.49 ng
 RT: 11.99 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

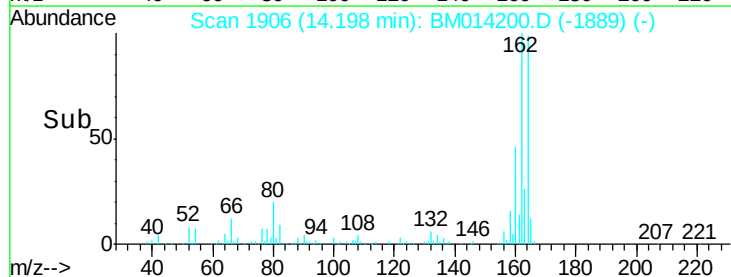
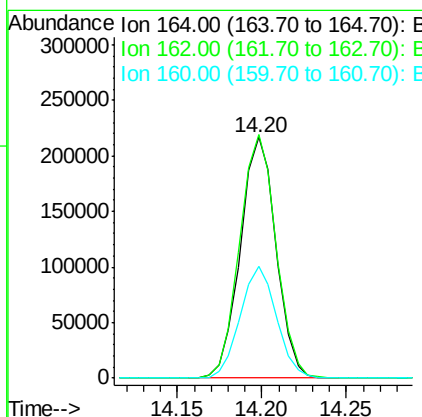
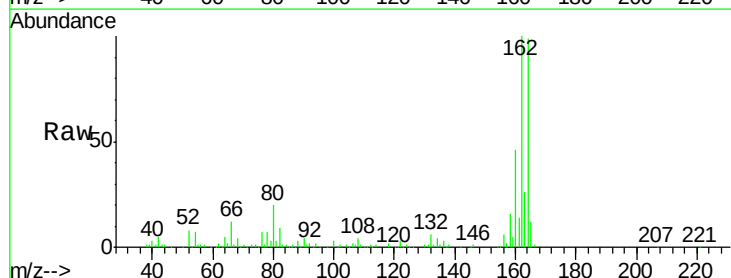
Instrument :
 BNA_M
 ClientSampleId :

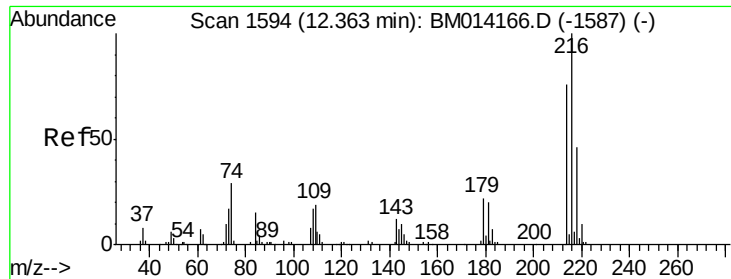
Tot Ion:142 Resp: 1067877
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.9 107.9
 115 43.6 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Tgt Ion:164 Resp: 318880
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.4 123.6
 160 46.7 35.8 53.6

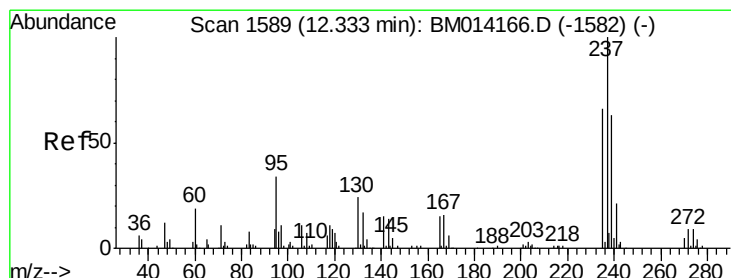
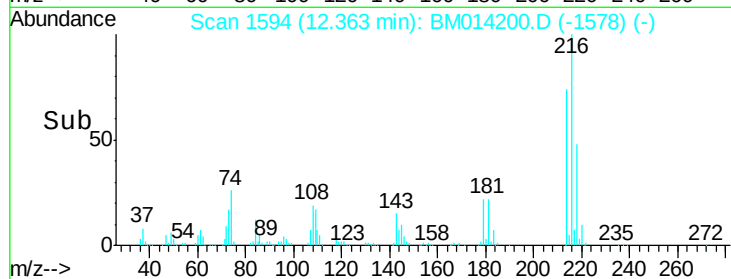
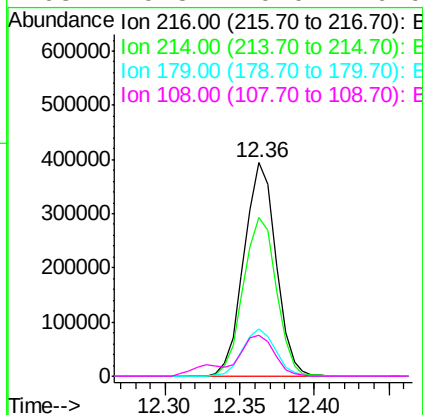
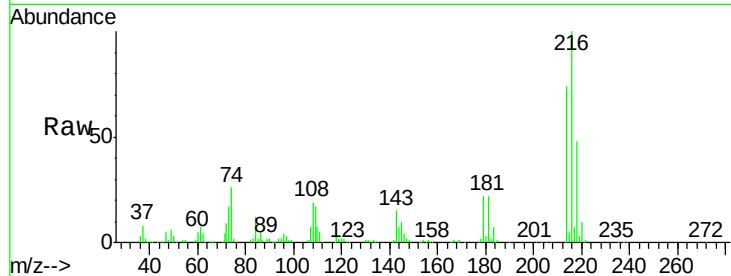




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.61 ng
 RT: 12.36 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

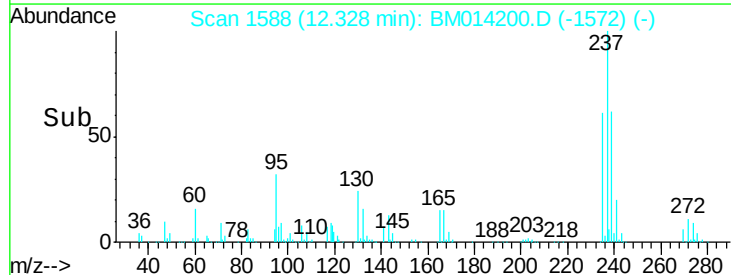
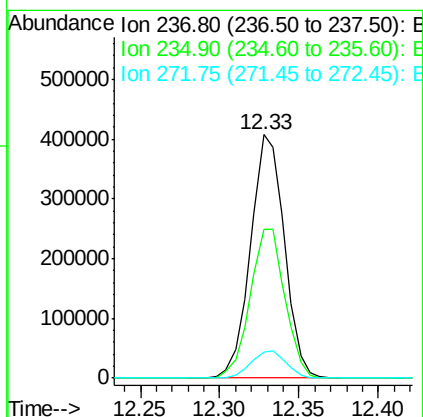
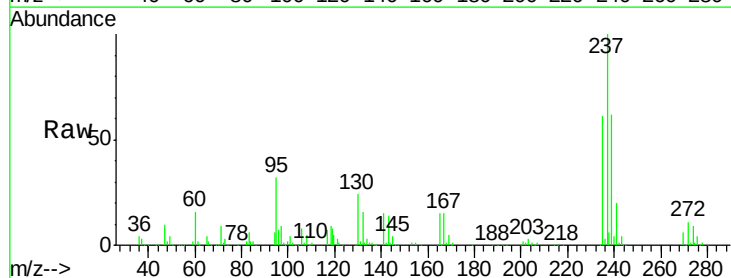
Instrument :
 BNA_M
 ClientSampleId :

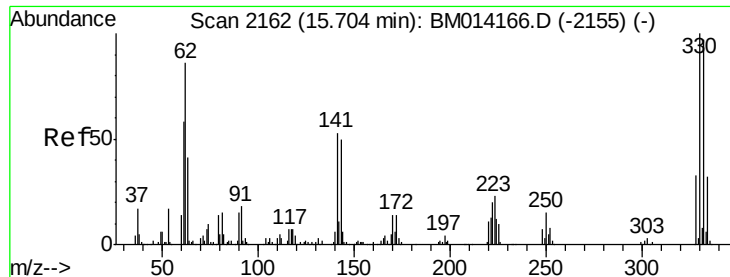
Tot Ion:216	Resp:	587810
Ion	Ratio	Lower Upper
216	100	
214	76.8	0.0 0.0#
179	22.5	0.0 0.0#
108	19.8	0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 91.28 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Tgt Ion:237	Resp:	603847
Ion	Ratio	Lower Upper
237	100	
235	61.1	42.0 82.0
272	10.7	0.0 33.4

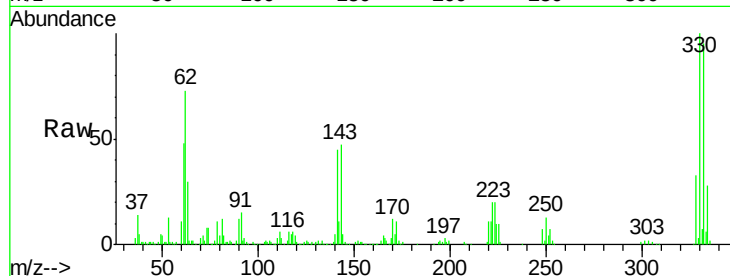




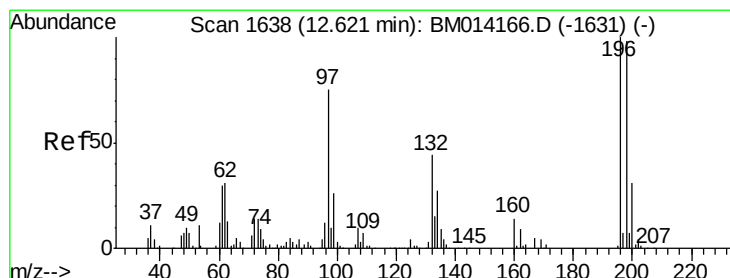
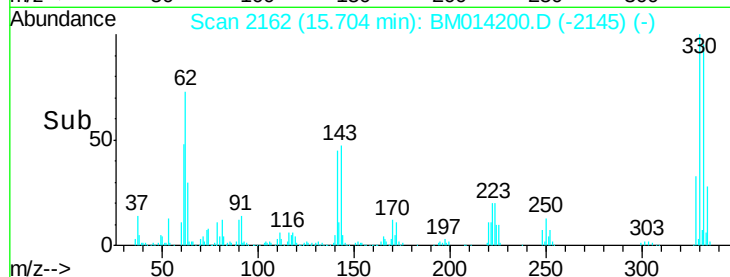
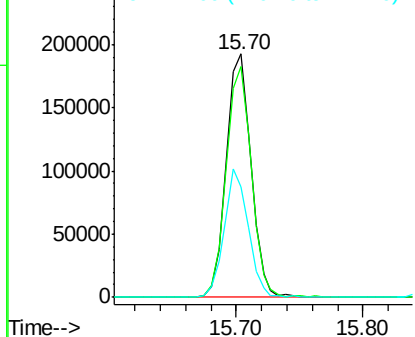
#41
 2,4,6-Tribromophenol
 Concen: 57.50 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	51.3	0.0	0.0#

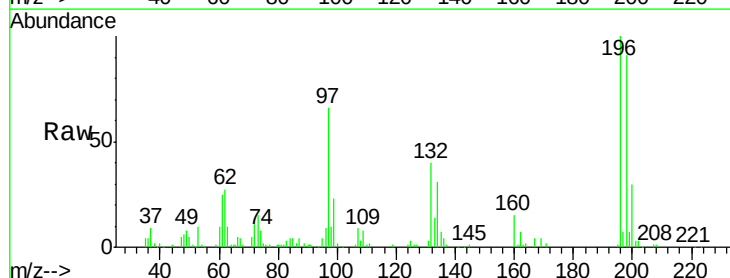


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

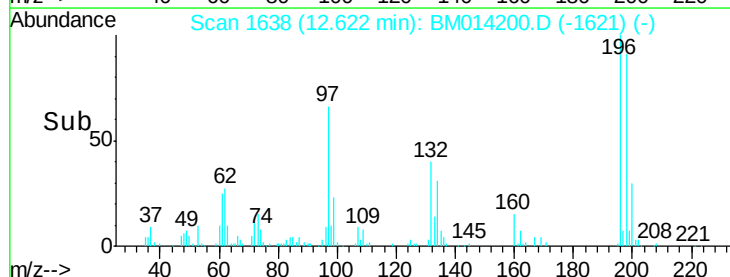
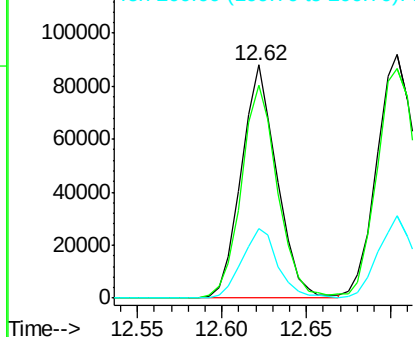


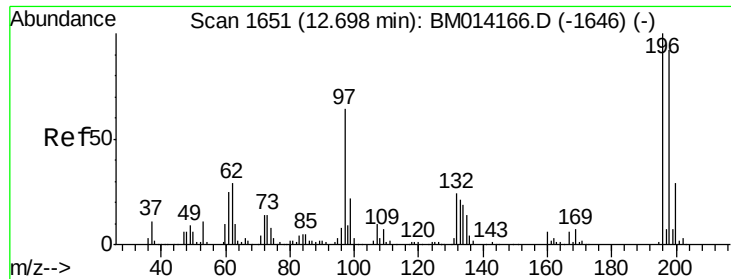
#42
 2,4,6-Trichlorophenol
 Concen: 19.67 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.3	76.3	114.5
200	29.8	25.6	38.4



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

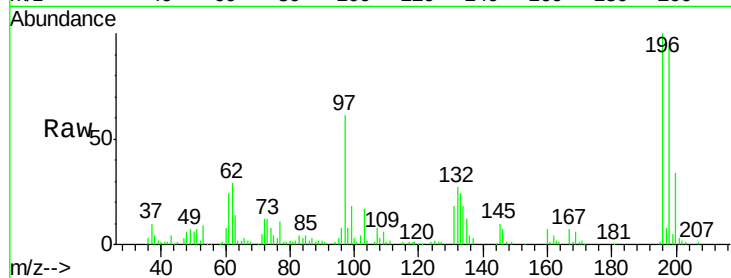




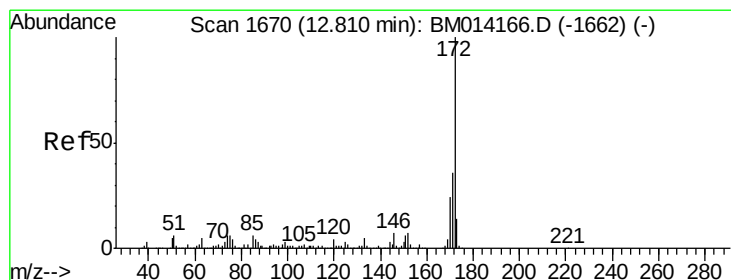
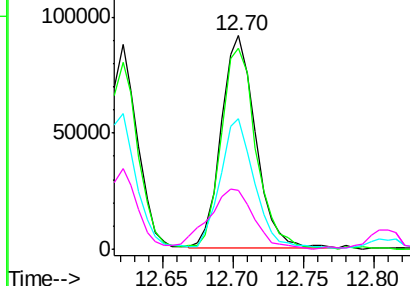
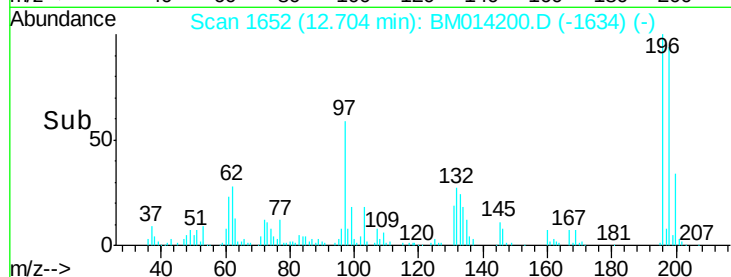
#43
2,4,5-Trichlorophenol
Concen: 21.16 ng
RT: 12.70 min Scan# 1652
Delta R.T. 0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	79.4	119.0
97	61.1	26.8	40.2
132	27.4	18.6	28.0

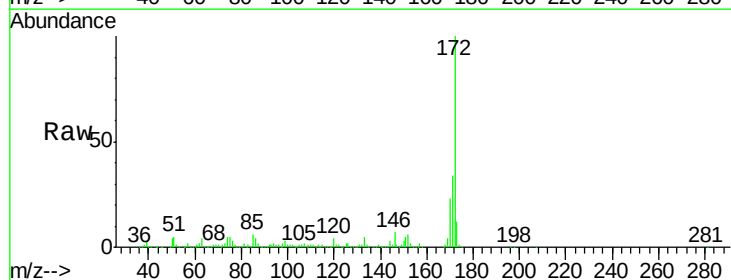


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BMO
Ion 132.00 (131.70 to 132.70): E

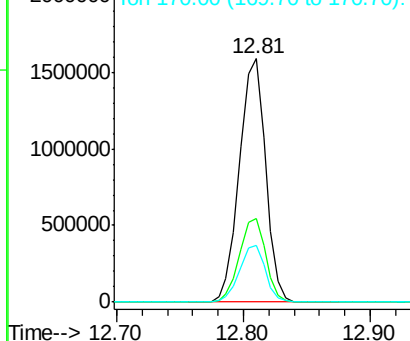
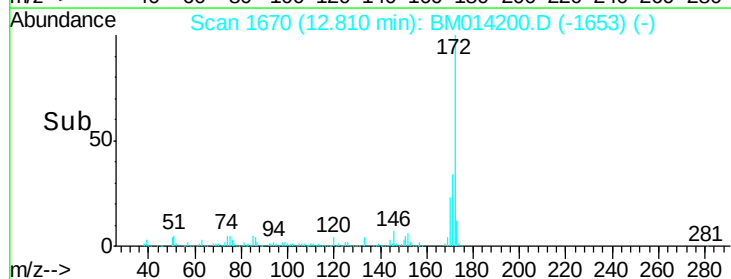


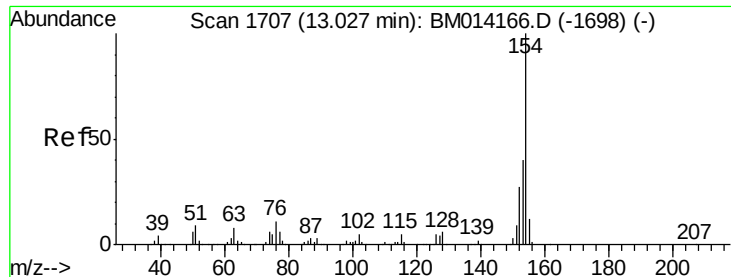
#44
2-Fluorobiphenyl
Concen: 89.15 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	23.1	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 51.73 ng

RT: 13.02 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

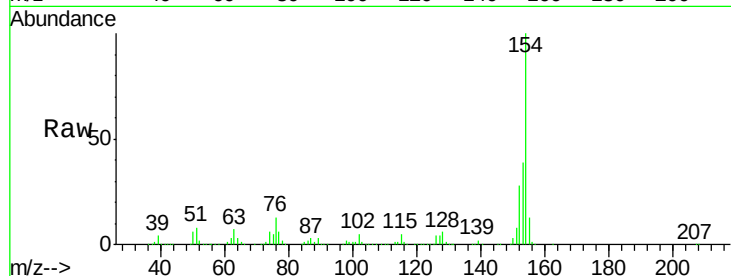
Tot Ion:154 Resp: 1429034

Ion Ratio Lower Upper

154 100

153 39.1 20.7 60.7

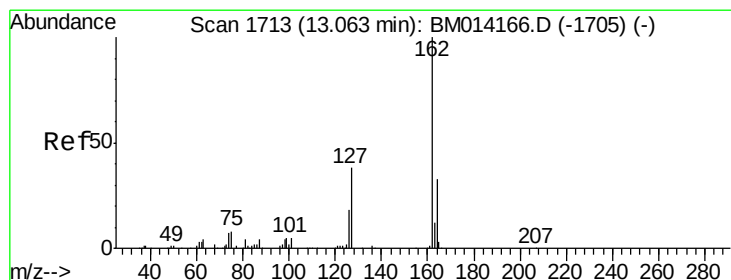
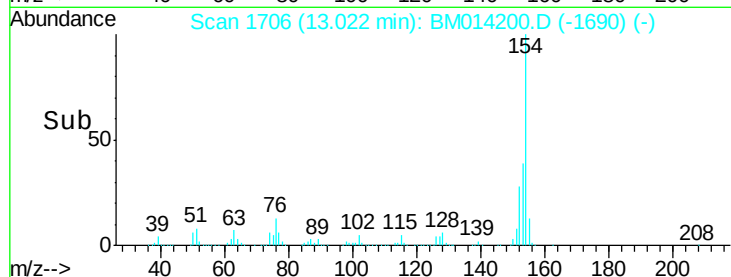
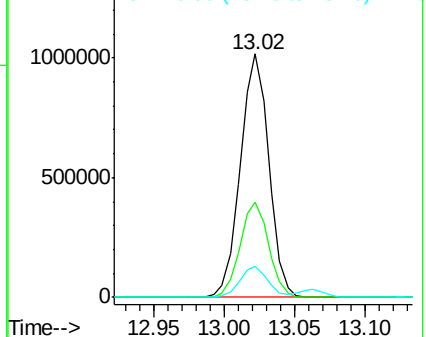
76 12.7 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 51.64 ng

RT: 13.06 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

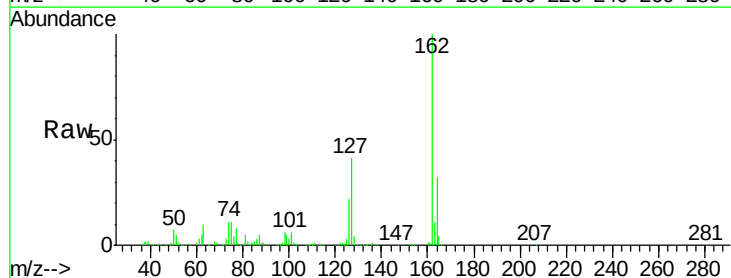
Tgt Ion:162 Resp: 1082849

Ion Ratio Lower Upper

162 100

127 40.9 26.9 40.3#

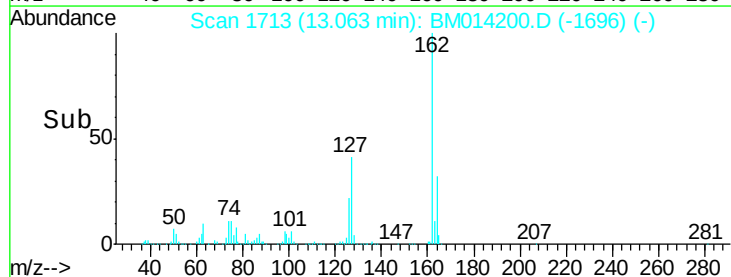
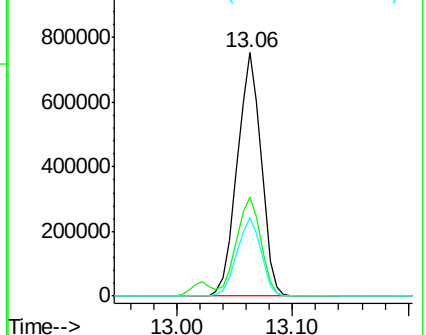
164 32.3 26.8 40.2

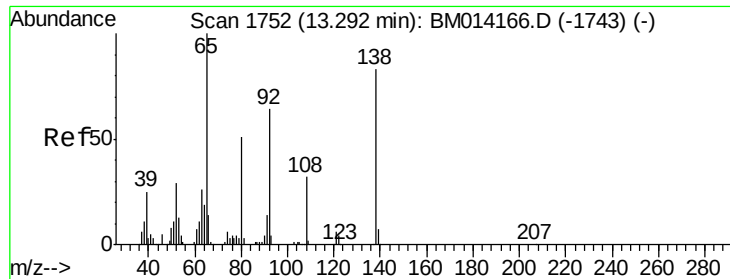


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

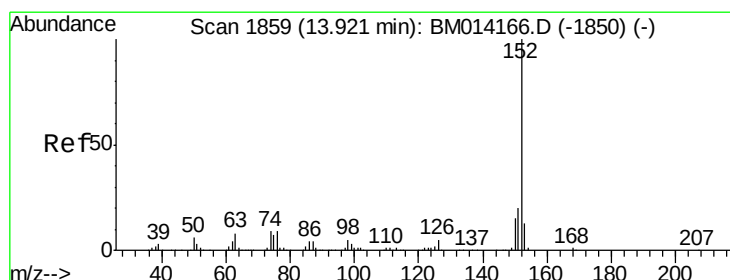
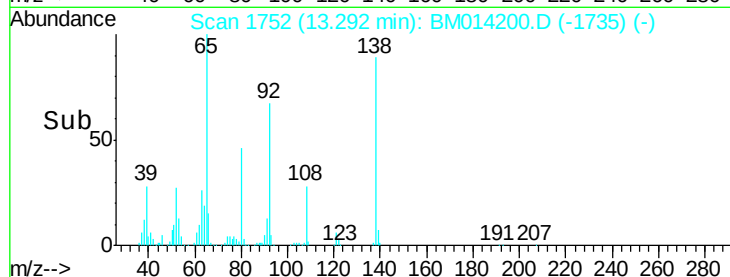
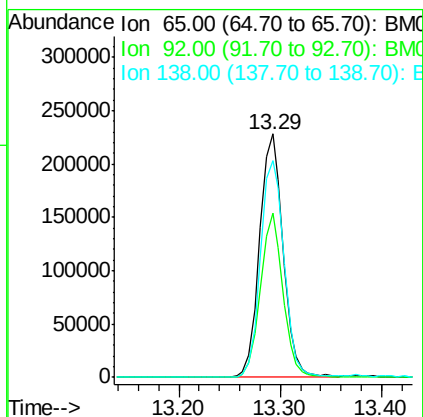
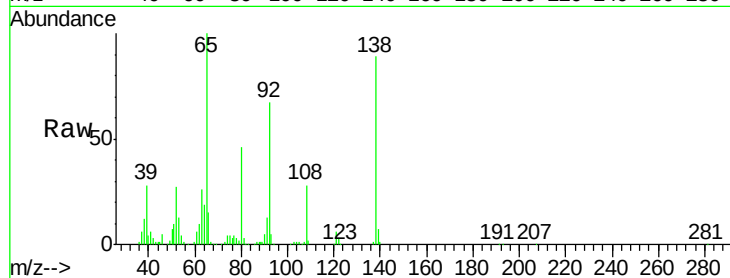




#47
2-Nitroaniline
Concen: 47.75 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

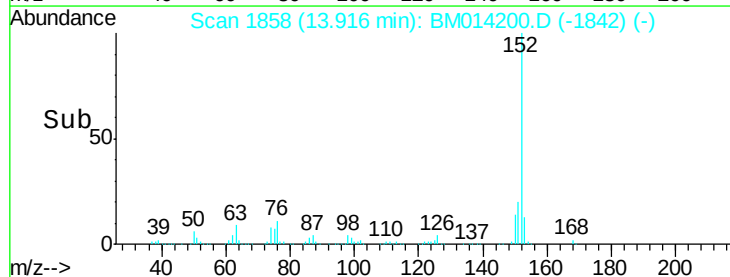
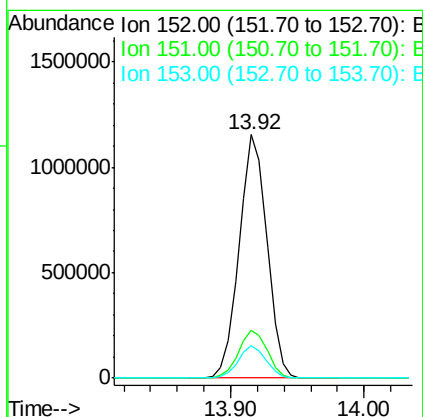
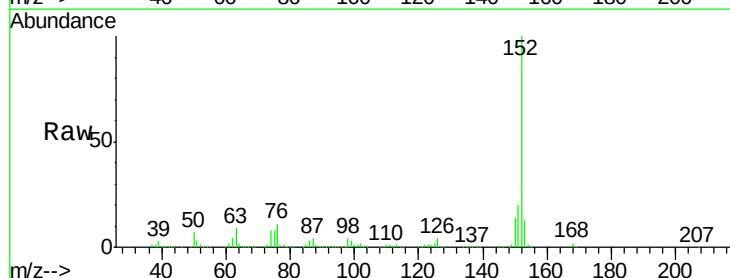
Instrument :
BNA_M
ClientSampleId :

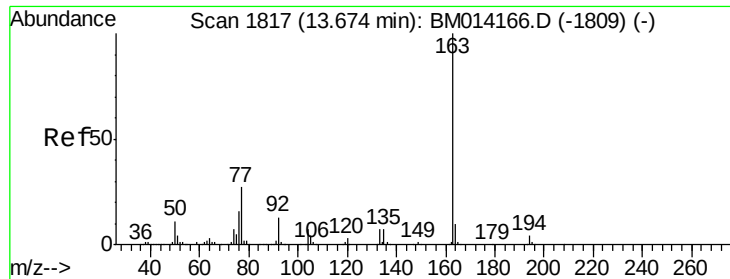
Tot Ion: 65 Resp: 368431
Ion Ratio Lower Upper
65 100
92 67.2 59.1 88.7
138 88.8 93.9 140.9#



#48
Acenaphthylene
Concen: 48.34 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion: 152 Resp: 1662125
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 50.79 ng

RT: 13.67 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

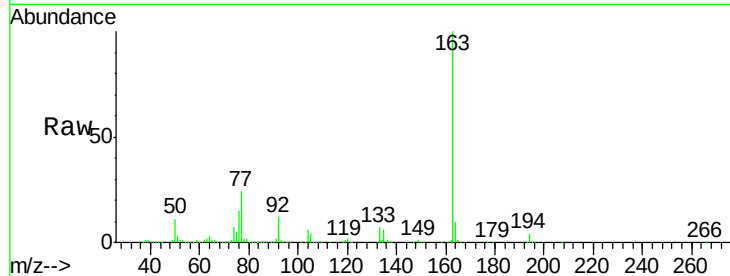
Tot Ion:163 Resp: 1449959

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

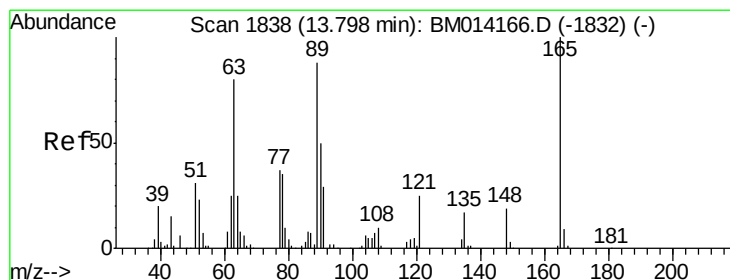
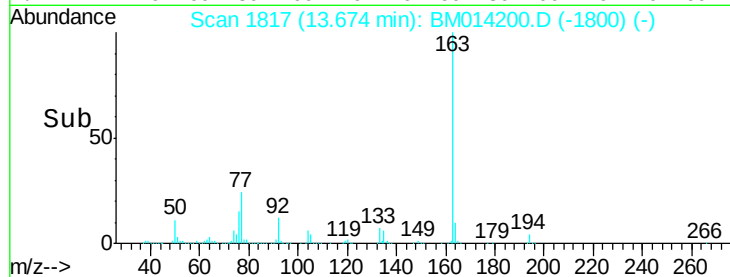
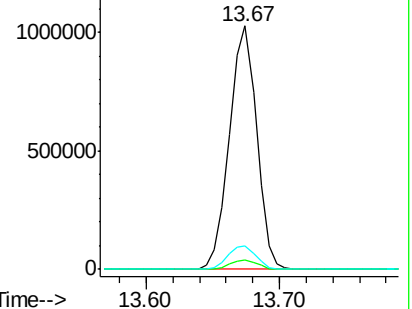
164 9.9 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 47.72 ng

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

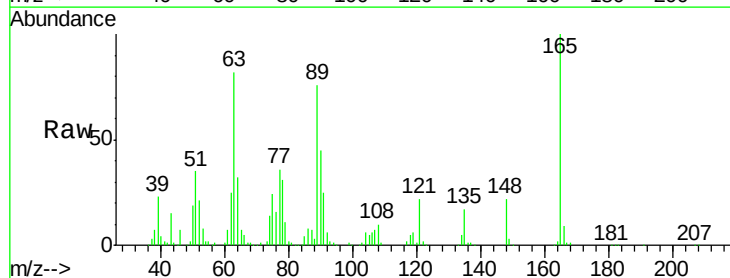
Tgt Ion:165 Resp: 279535

Ion Ratio Lower Upper

165 100

63 81.9 44.1 66.1#

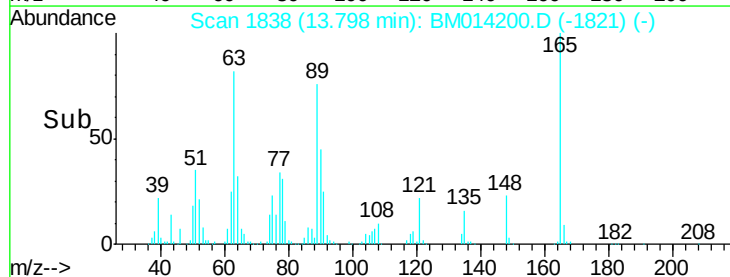
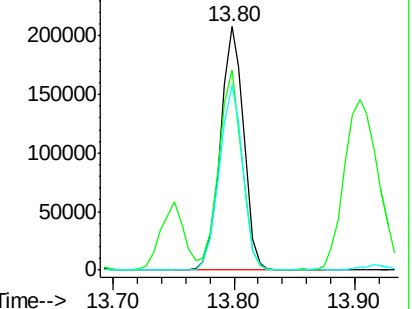
89 75.8 44.3 66.5#

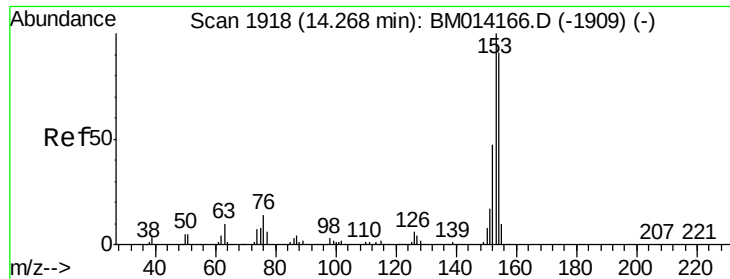


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 48.20 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

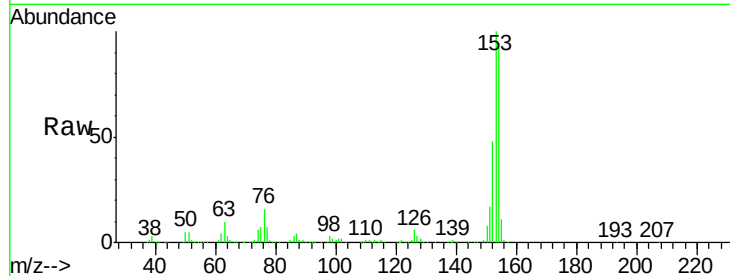
Tot Ion:154 Resp: 1021645

Ion Ratio Lower Upper

154 100

153 109.3 90.0 135.0

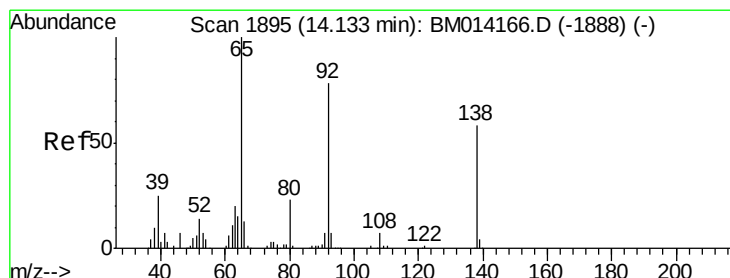
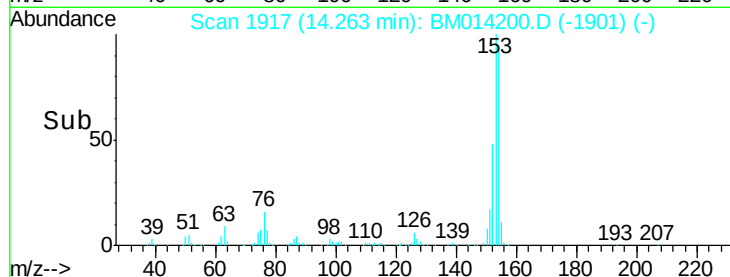
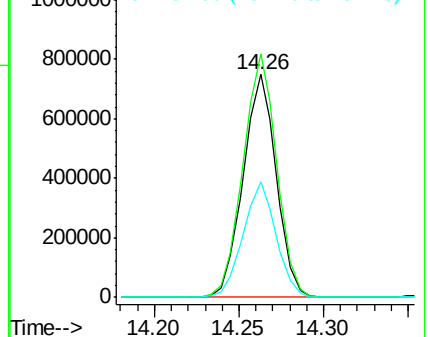
152 52.1 42.6 63.8



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



#52

3-Nitroaniline

Concen: 35.05 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

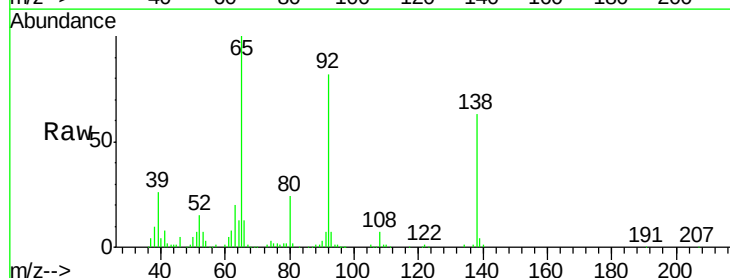
Tgt Ion:138 Resp: 212391

Ion Ratio Lower Upper

138 100

108 11.3 7.3 10.9#

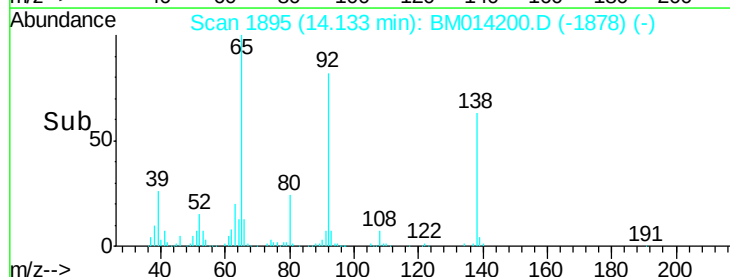
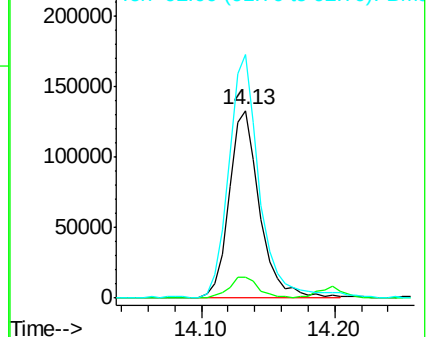
92 129.8 76.6 114.8#

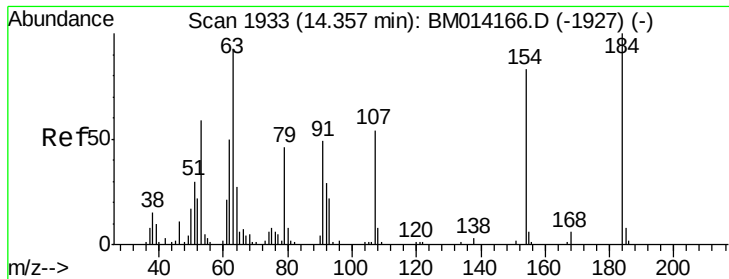


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM0





#53

2,4-Dinitrophenol

Concen: 13.04 ng

RT: 14.36 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampled :

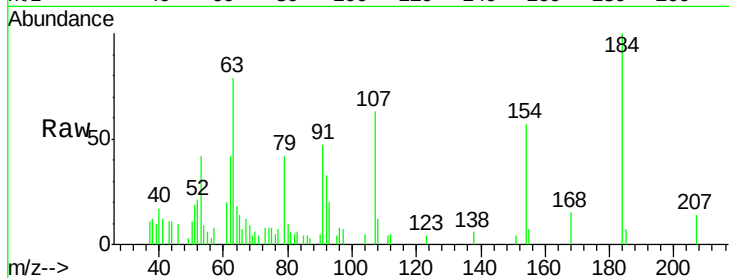
Tot Ion:184 Resp: 19808

Ion Ratio Lower Upper

184 100

63 79.2 69.2 103.8

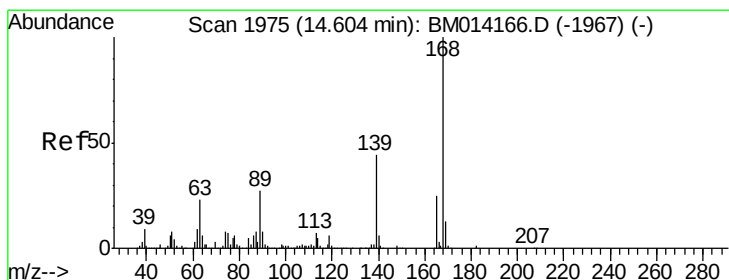
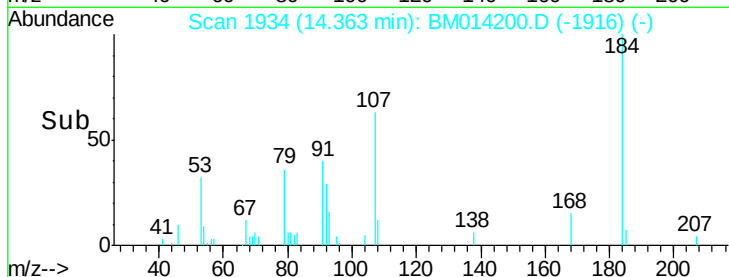
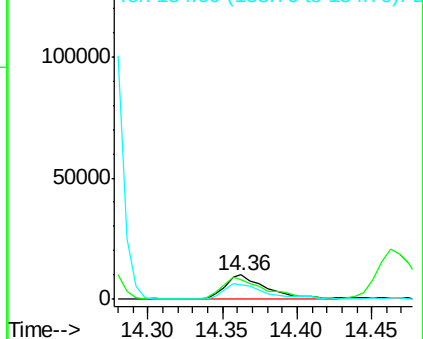
154 57.2 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.64 ng

RT: 14.60 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

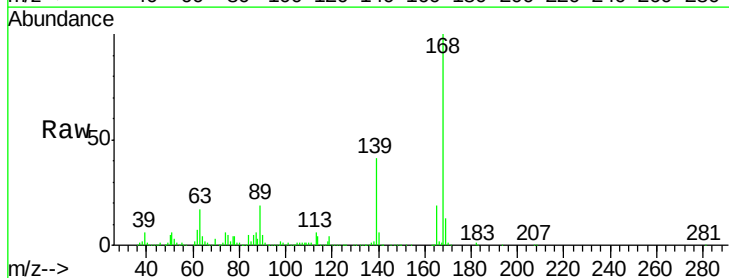
Tgt Ion:168 Resp: 1643833

Ion Ratio Lower Upper

168 100

139 41.2 27.3 40.9#

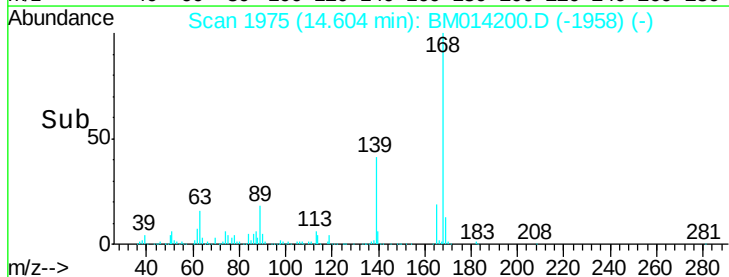
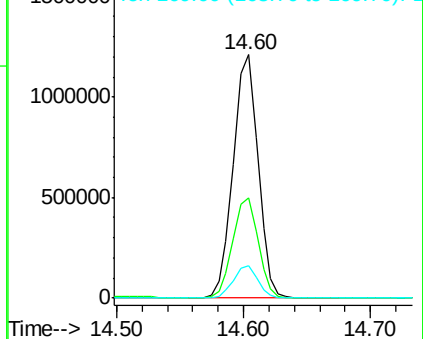
169 13.4 10.6 16.0

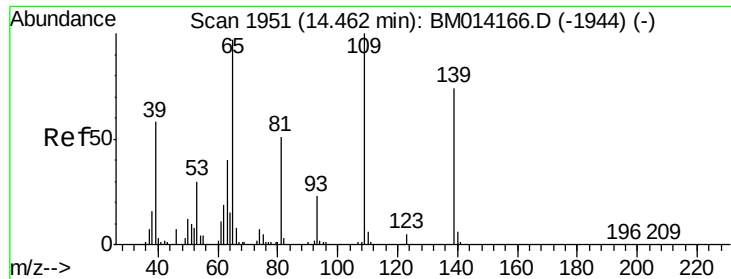


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

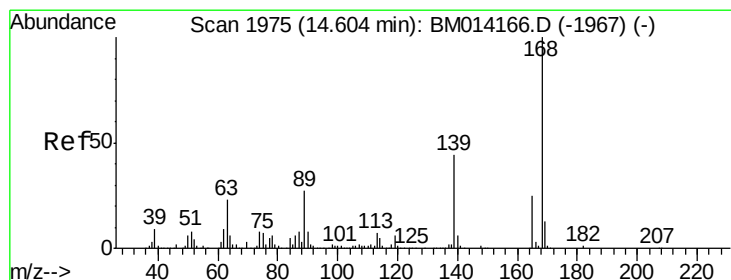
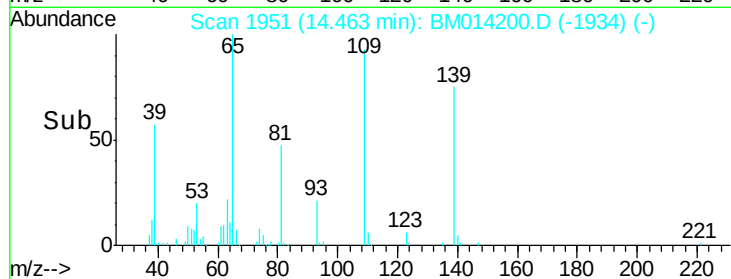
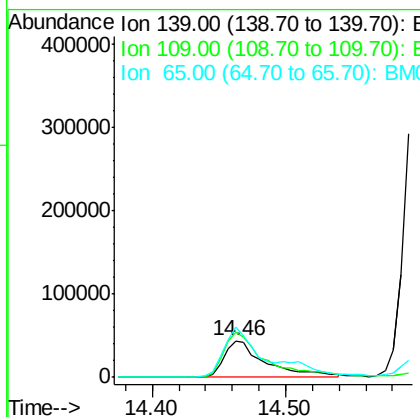
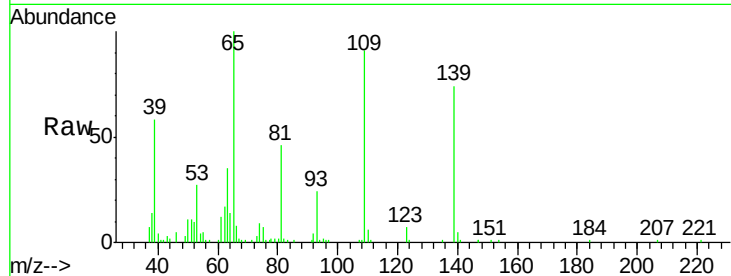




#55
4-Nitrophenol
Concen: 24.26 ng
RT: 14.46 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

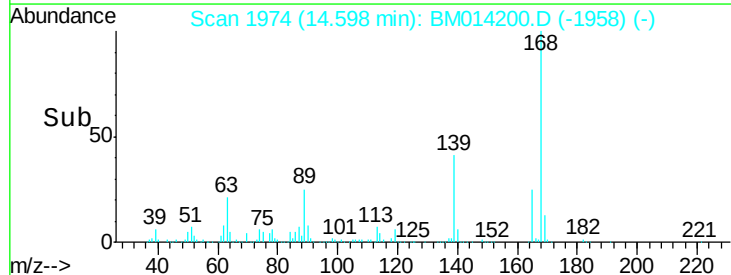
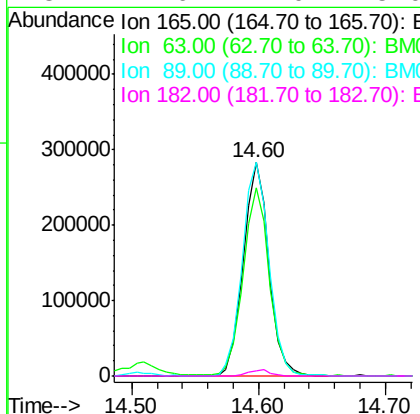
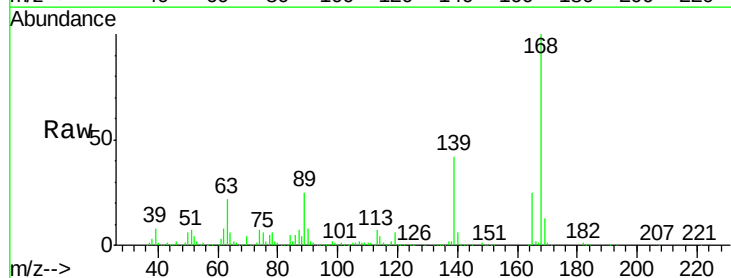
Instrument :
BNA_M
ClientSampled :

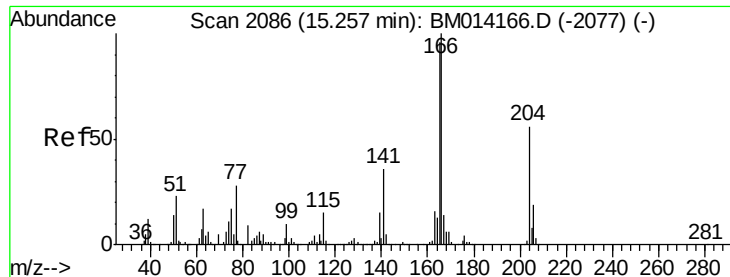
Tot Ion:139 Resp: 95581
Ion Ratio Lower Upper
139 100
109 123.0 130.0 170.0#
65 135.9 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 43.72 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion:165 Resp: 395243
Ion Ratio Lower Upper
165 100
63 88.3 52.4 78.6#
89 99.9 72.4 108.6
182 2.6 2.0 3.0

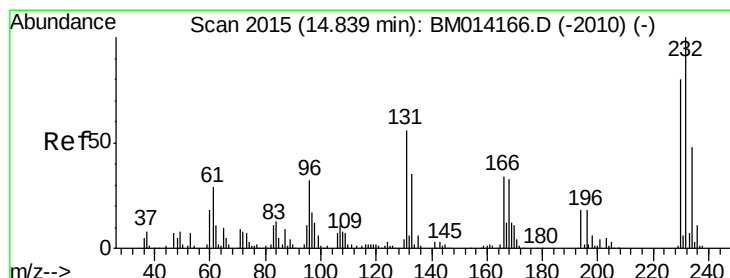
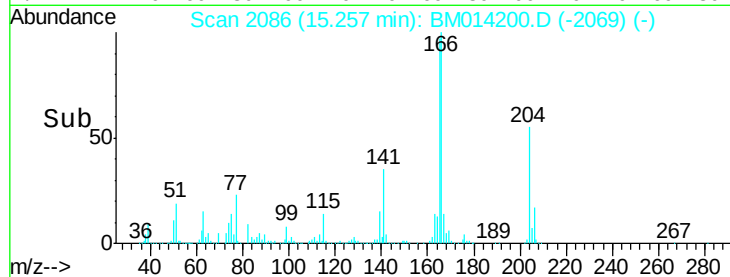
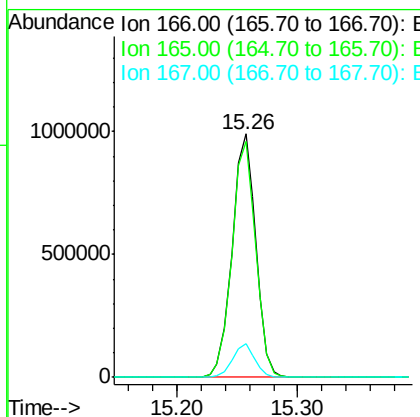
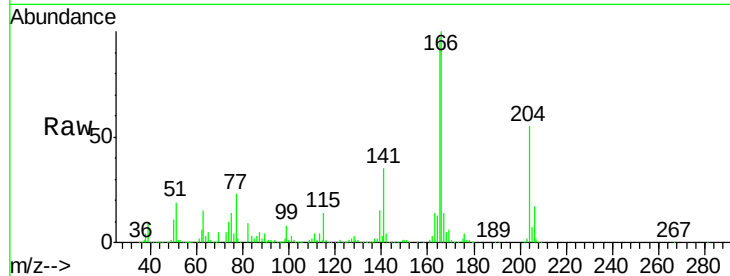




#57
 Fluorene
 Concen: 46.27 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

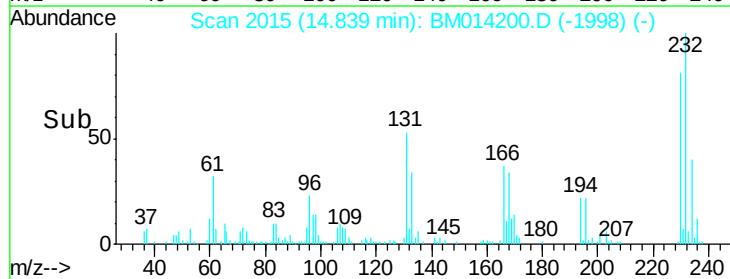
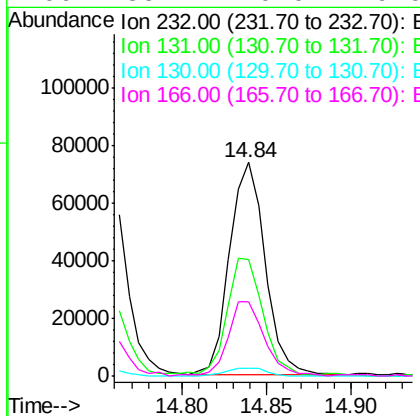
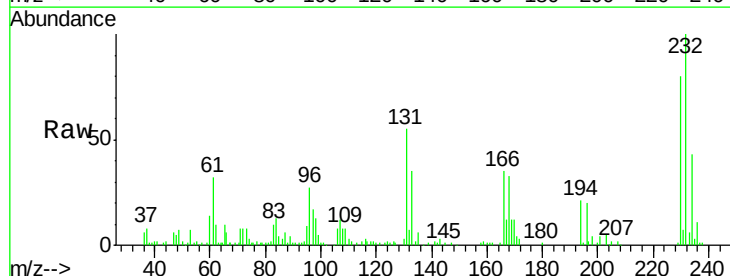
Instrument :
 BNA_M
 ClientSampleId :

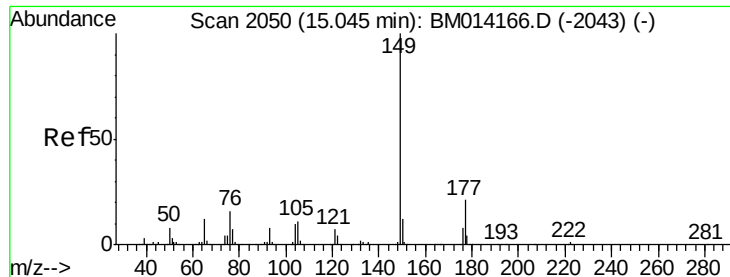
Tot Ion:166 Resp: 1347977
 Ion Ratio Lower Upper
 166 100
 165 97.0 79.0 118.4
 167 14.0 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.18 ng
 RT: 14.84 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Tgt Ion:232 Resp: 108378
 Ion Ratio Lower Upper
 232 100
 131 54.2 0.0 0.0#
 130 4.0 0.0 0.0#
 166 35.7 0.0 0.0#

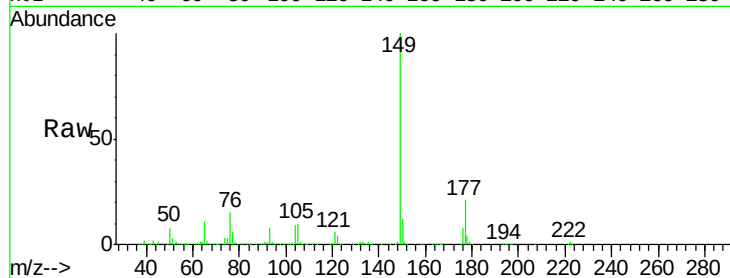




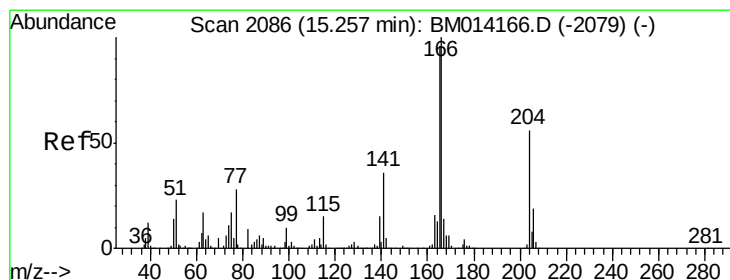
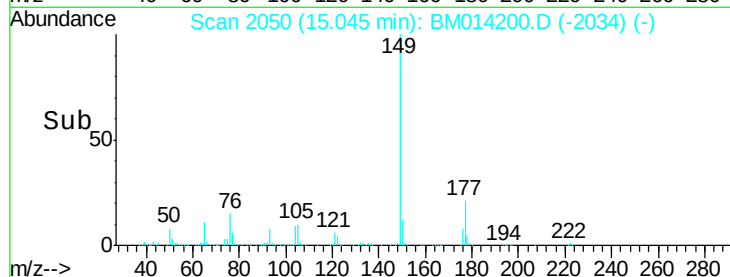
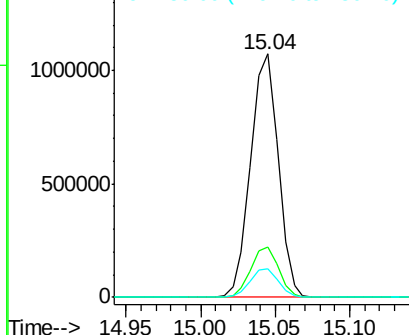
#59
Diethylphthalate
Concen: 43.13 ng
RT: 15.04 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 1366828
Ion Ratio Lower Upper
149 100
177 20.7 18.3 27.5
150 11.7 9.8 14.8

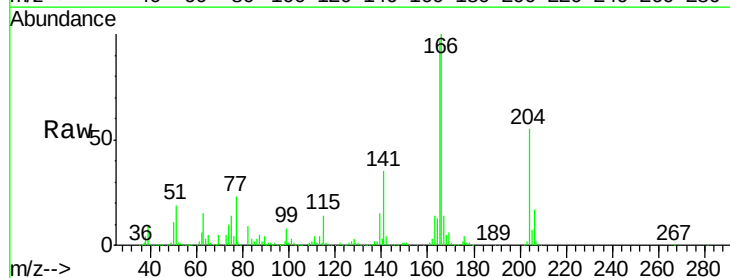


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

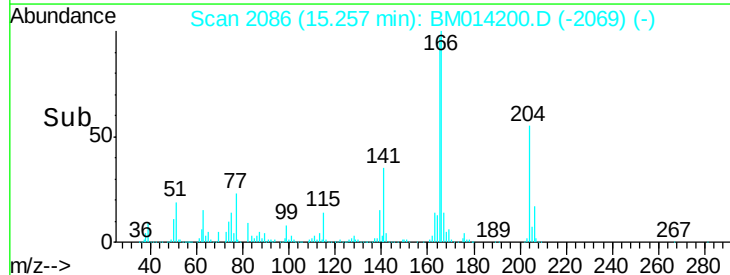
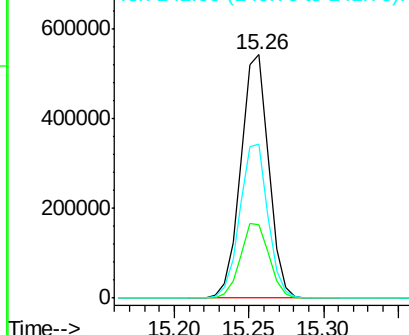


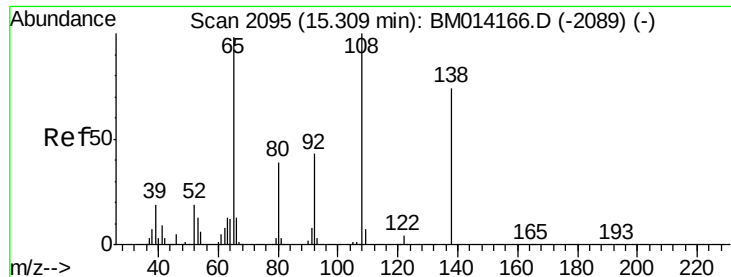
#60
4-Chlorophenyl-phenylether
Concen: 46.32 ng
RT: 15.26 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion:204 Resp: 701524
Ion Ratio Lower Upper
204 100
206 30.3 26.6 39.8
141 63.4 45.2 67.8



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

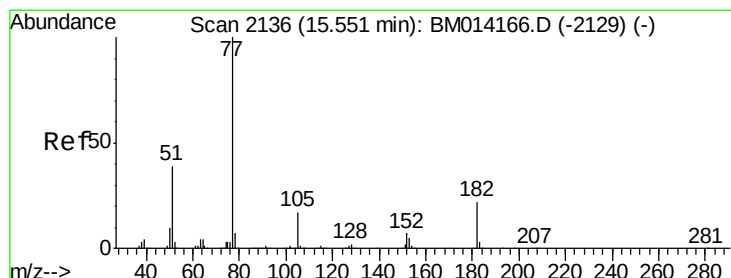
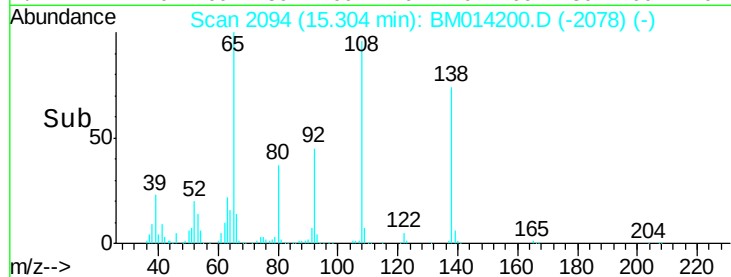
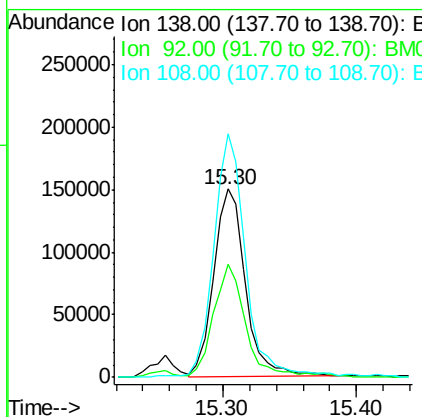
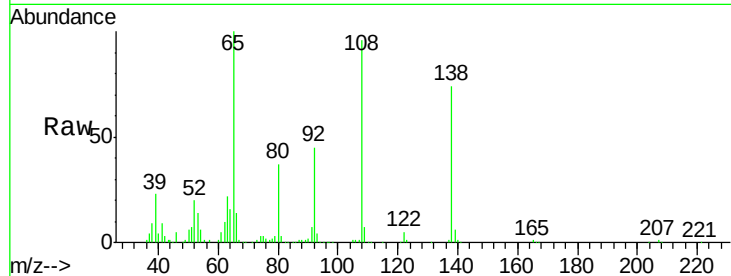




#61
4-Nitroaniline
Concen: 40.96 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

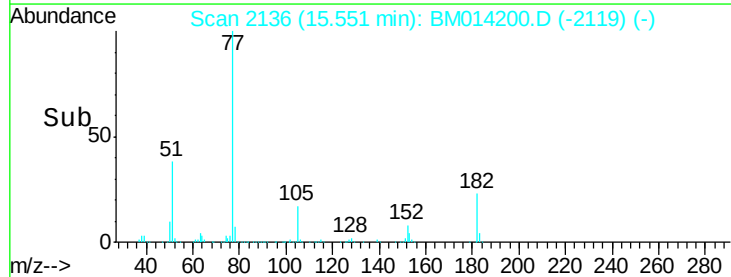
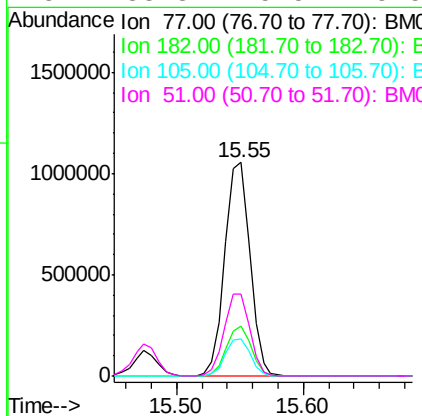
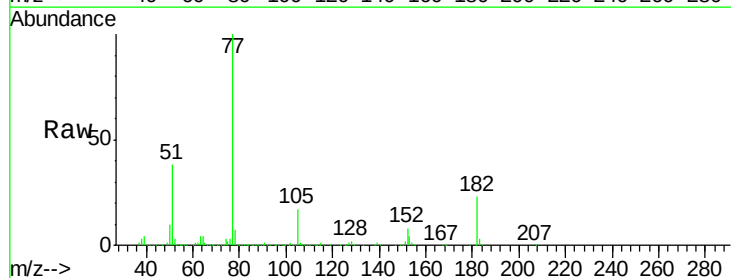
Instrument :
BNA_M
ClientSampleId :

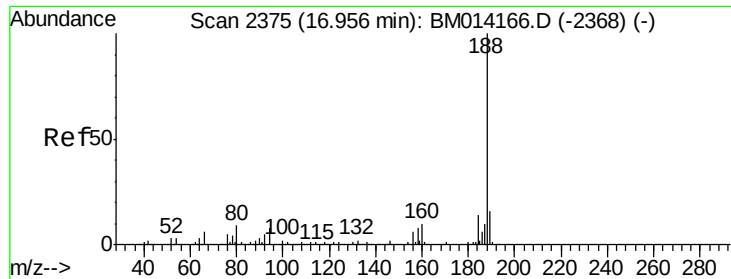
Tot Ion:138 Resp: 248335
Ion Ratio Lower Upper
138 100
92 60.3 16.7 56.7#
108 129.5 37.6 77.6#



#62
Azobenzene
Concen: 44.06 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion: 77 Resp: 1450003
Ion Ratio Lower Upper
77 100
182 23.2 6.5 46.5
105 17.3 3.8 43.8
51 38.3 5.5 45.5

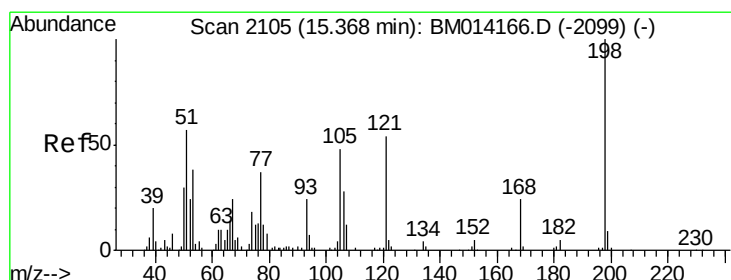
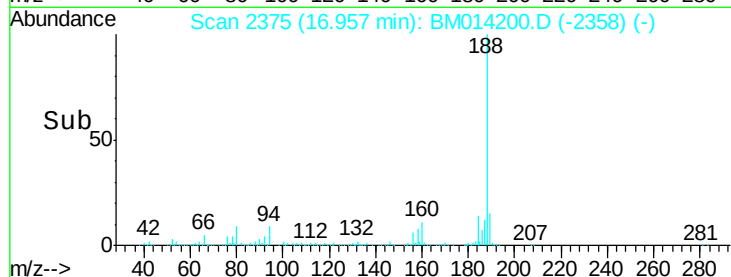
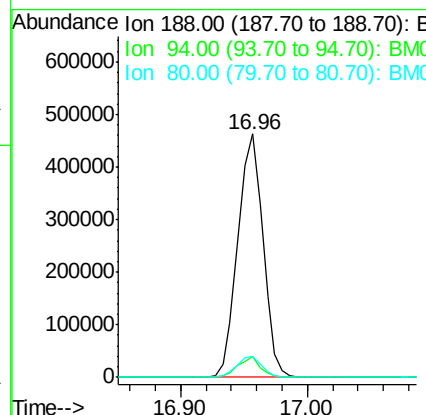
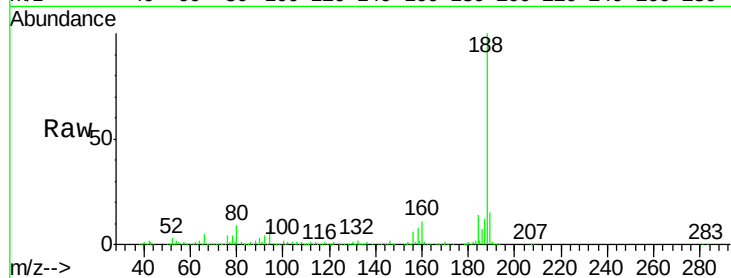




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

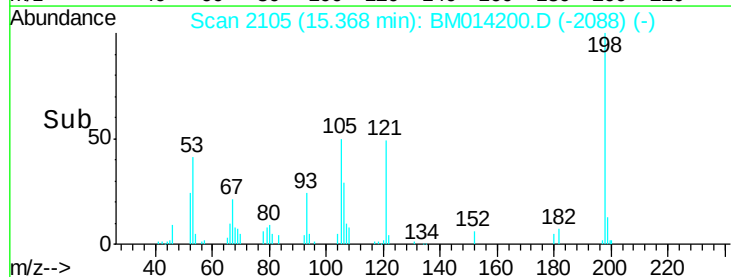
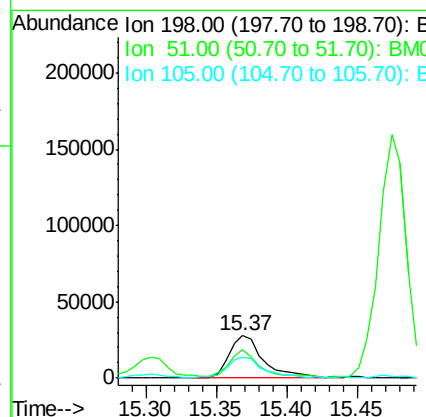
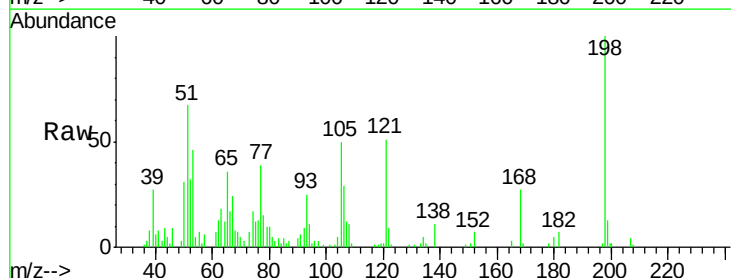
Instrument :
BNA_M
ClientSampleId :

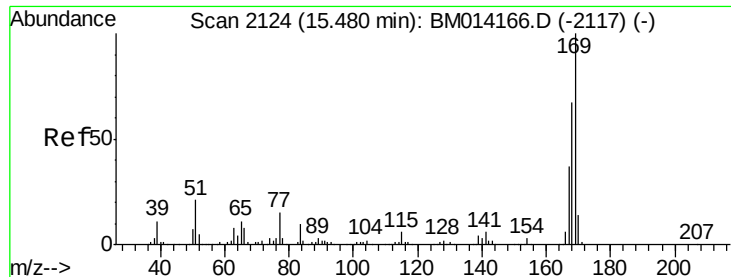
Tot Ion:188 Resp: 635394
Ion Ratio Lower Upper
188 100
94 8.8 8.7 13.1
80 8.8 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 15.20 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion:198 Resp: 47423
Ion Ratio Lower Upper
198 100
51 66.8 28.8 68.8
105 50.5 30.5 70.5

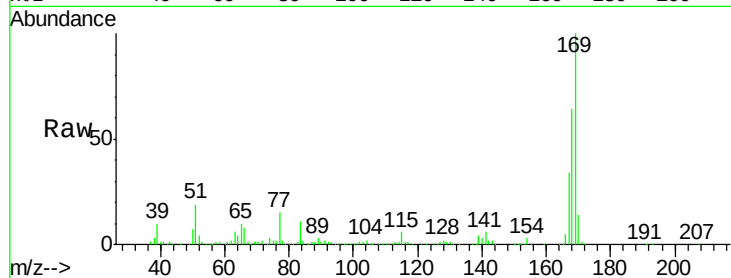




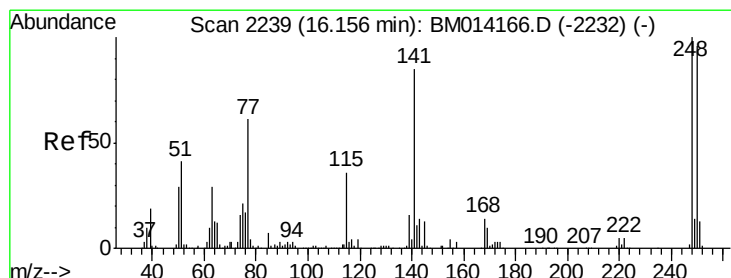
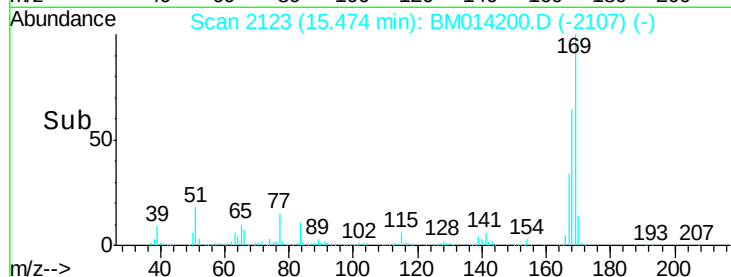
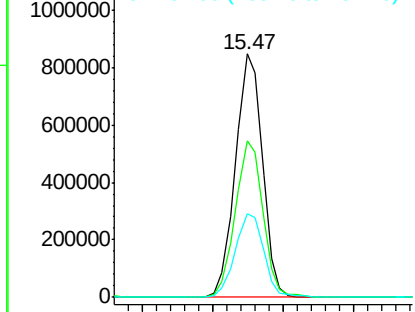
#65
 n-Nitrosodiphenylamine
 Concen: 56.36 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:169 Resp: 1130626
 Ion Ratio Lower Upper
 169 100
 168 64.3 53.9 80.9
 167 34.4 28.9 43.3

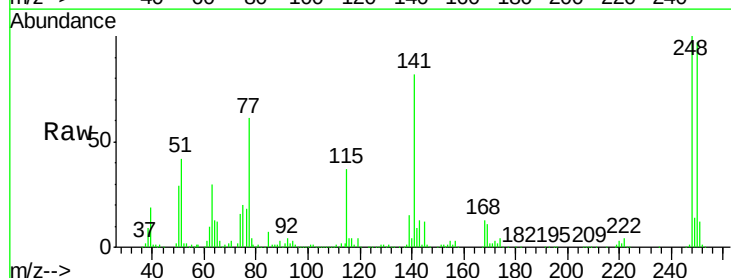


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

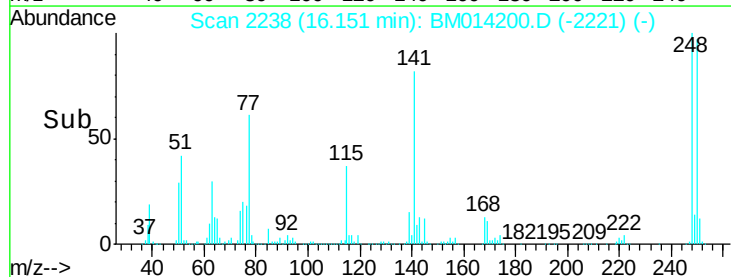
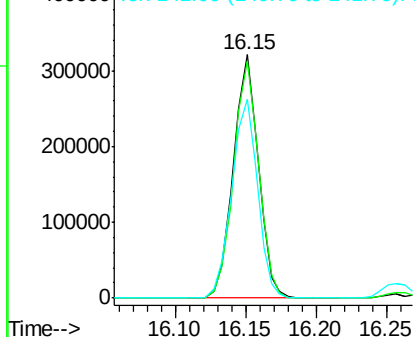


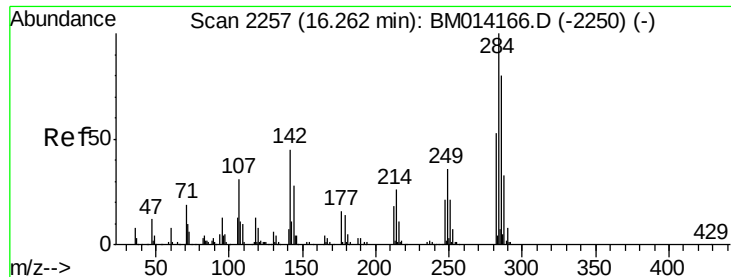
#66
 4-Bromophenyl-phenylether
 Concen: 53.40 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Tgt Ion:248 Resp: 397656
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.4 116.0
 141 81.9 45.2 67.8#



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

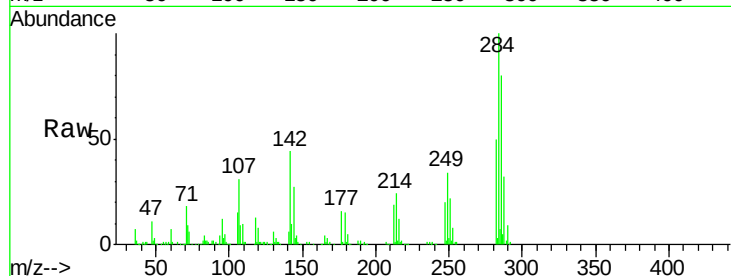




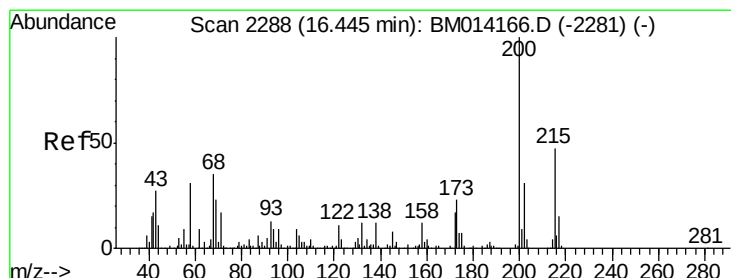
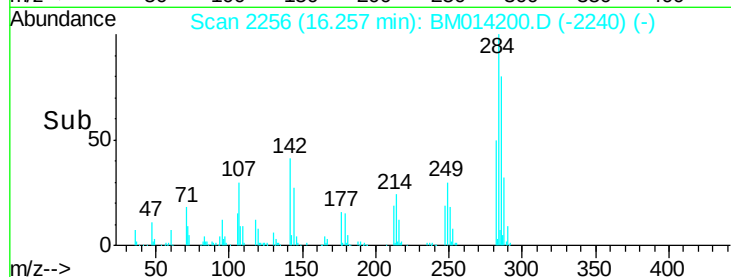
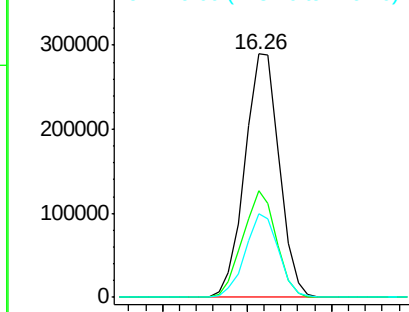
#67
Hexachlorobenzene
Concen: 50.41 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.7	20.4	30.6
249	34.1	23.8	35.6

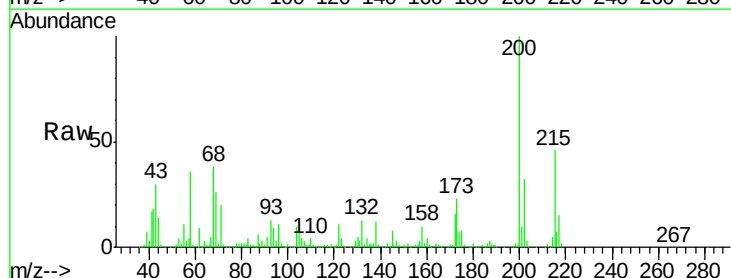


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

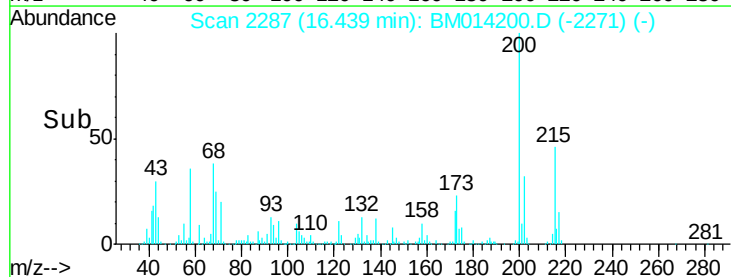
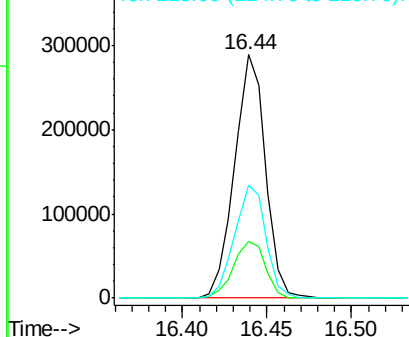


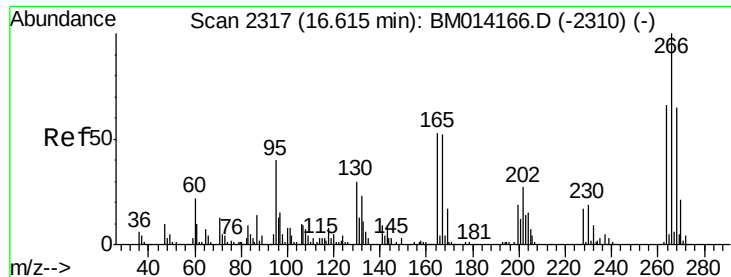
#68
Atrazine
Concen: 48.97 ng
RT: 16.44 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.4	4.8	44.8
215	46.3	26.9	66.9



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

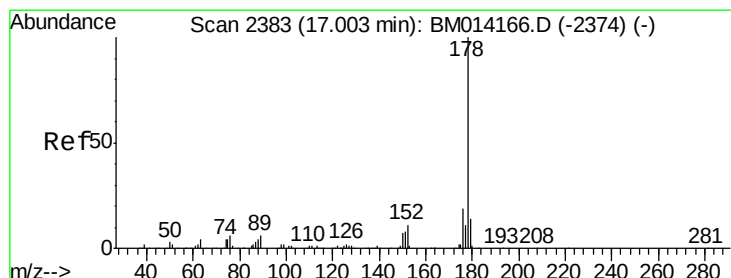
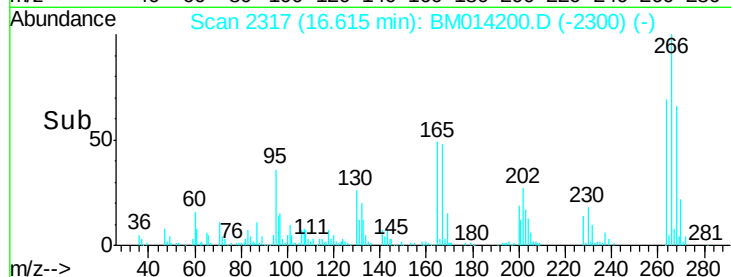
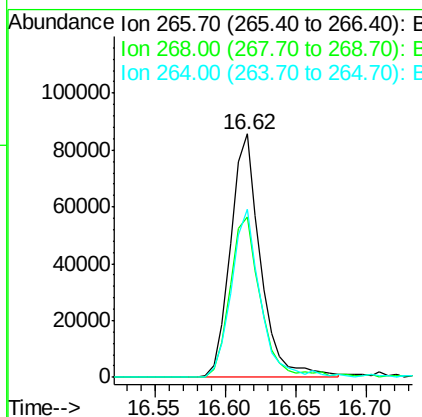
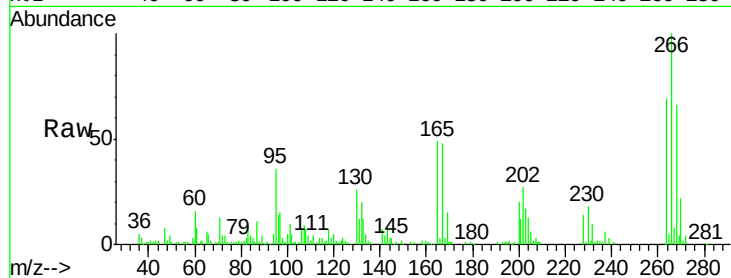




#69
 Pentachlorophenol
 Concen: 26.93 ng
 RT: 16.62 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

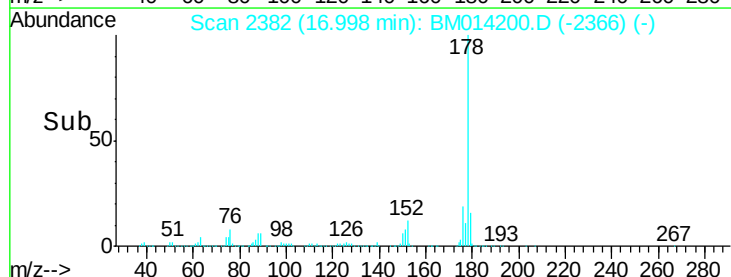
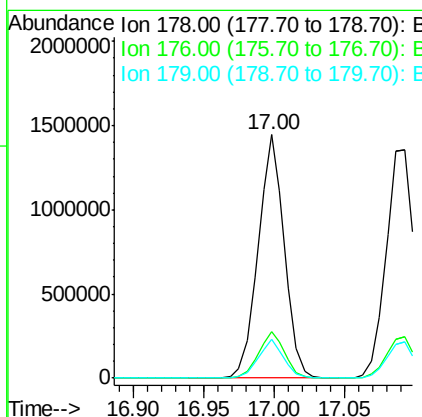
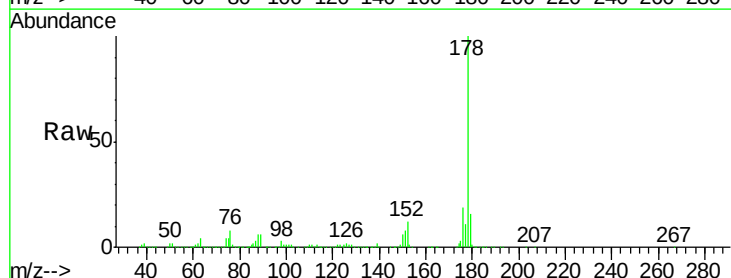
Instrument :
 BNA_M
 ClientSampleId :

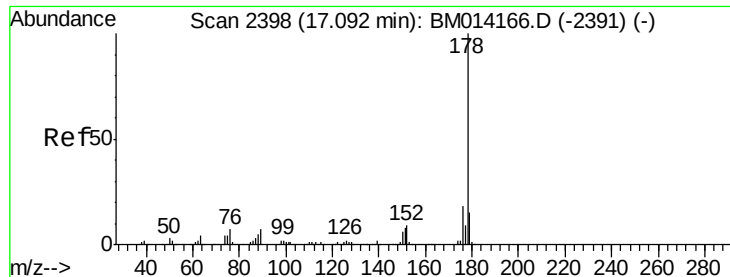
Tot Ion:266 Resp: 126971
 Ion Ratio Lower Upper
 266 100
 268 65.9 52.0 78.0
 264 69.3 49.0 73.4



#70
 Phenanthrene
 Concen: 49.16 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Tgt Ion:178 Resp: 1884220
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.9 12.1 18.1





#71

Anthracene

Concen: 51.45 ng

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

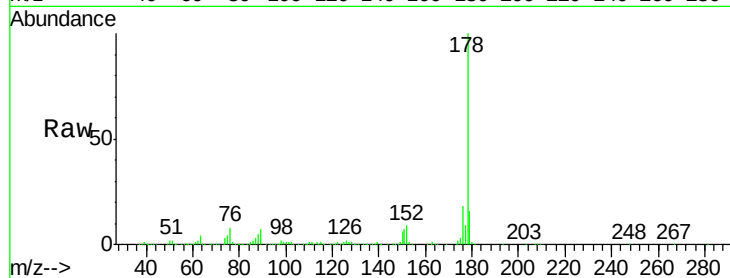
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1921671

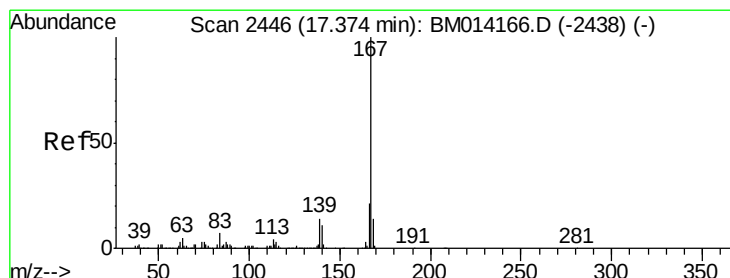
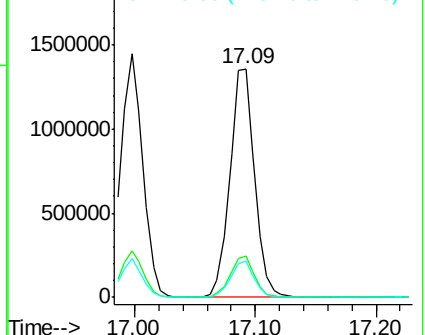
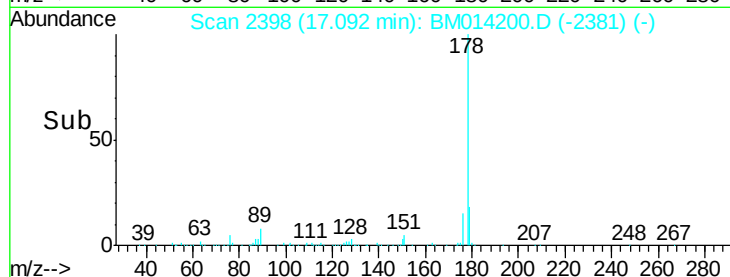
Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.7	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.39 ng

RT: 17.37 min Scan# 2445

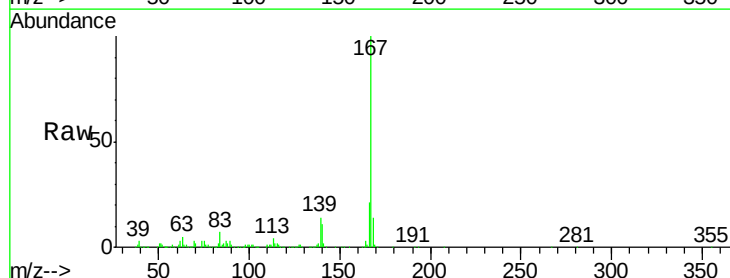
Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Tgt Ion:167 Resp: 1593349

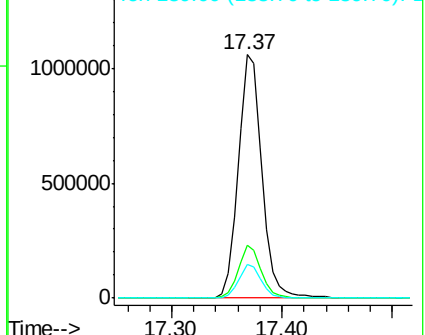
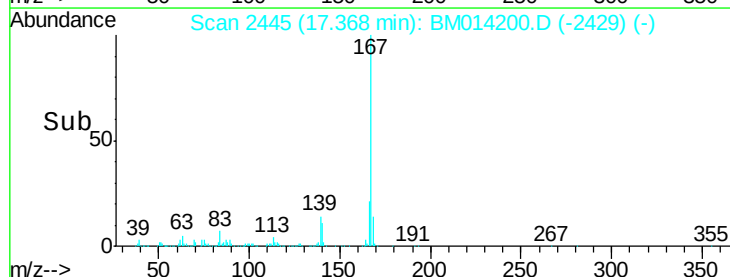
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	14.0	10.8	16.2

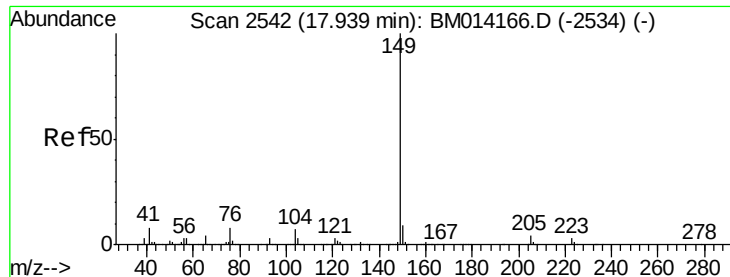


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.34 ng

RT: 17.93 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

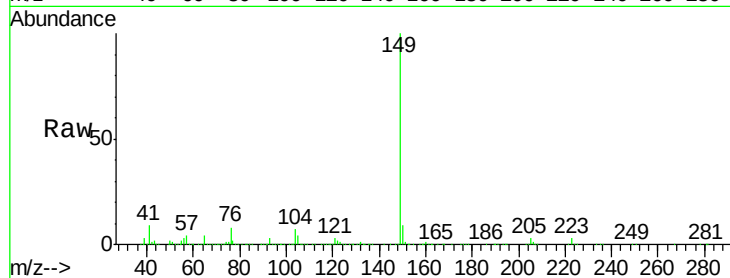
Tot Ion:149 Resp: 1947063

Ion Ratio Lower Upper

149 100

150 8.6 7.5 11.3

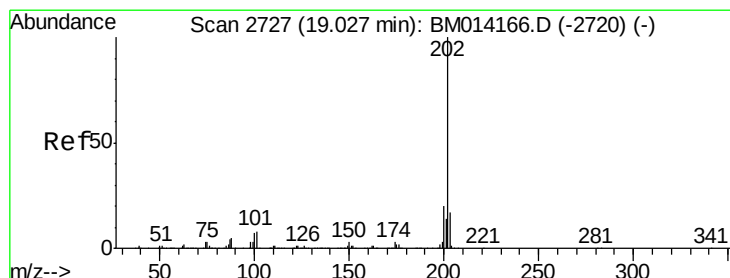
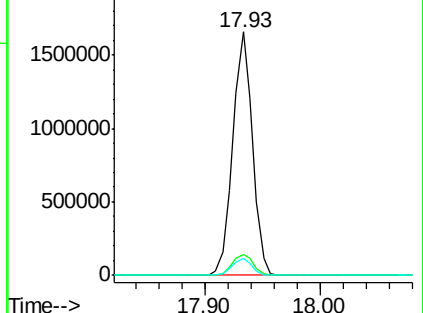
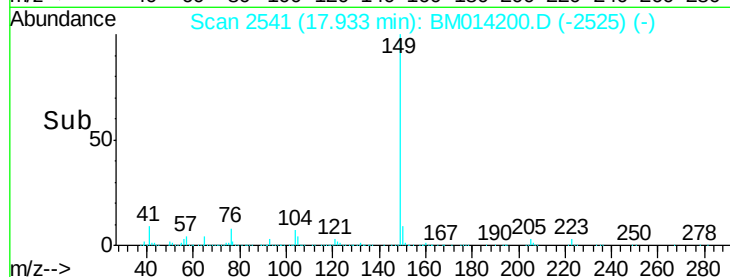
104 7.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.96 ng

RT: 19.03 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

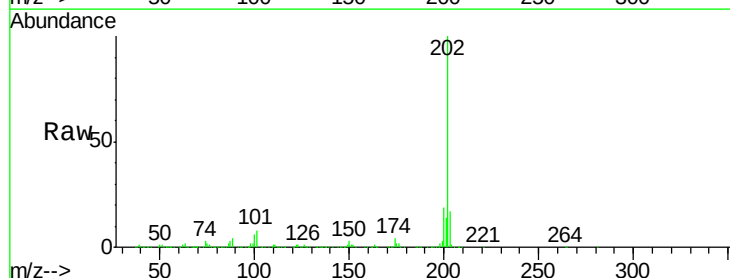
Tgt Ion:202 Resp: 1938509

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.7

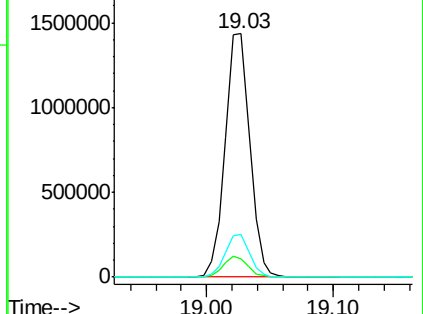
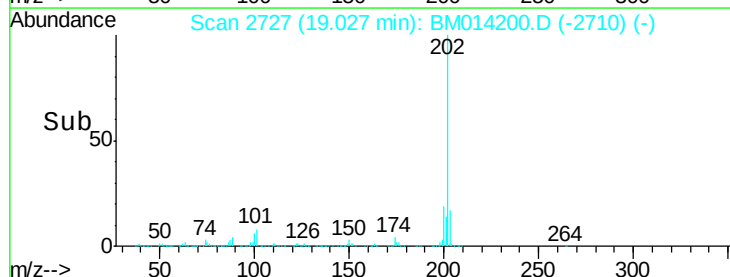
203 17.3 0.0 37.2

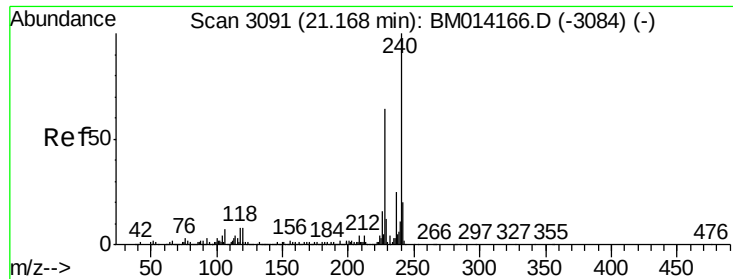


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

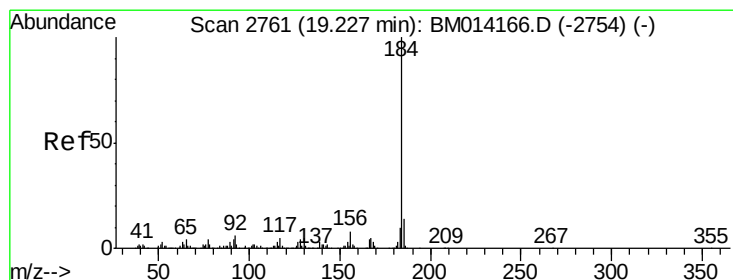
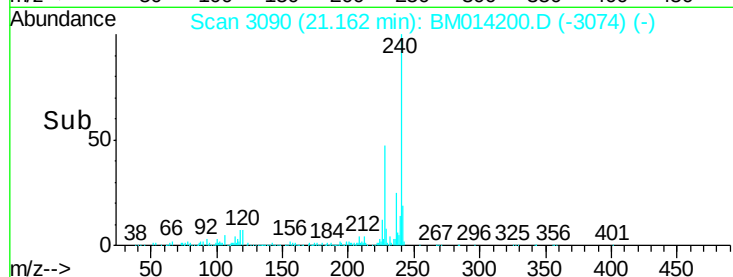
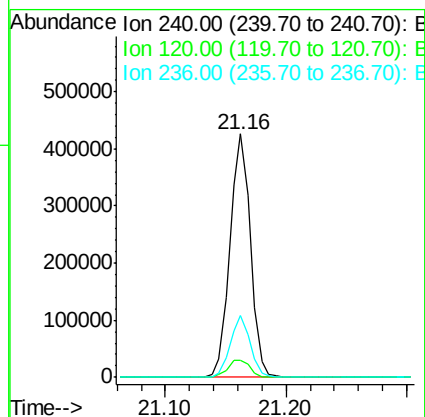
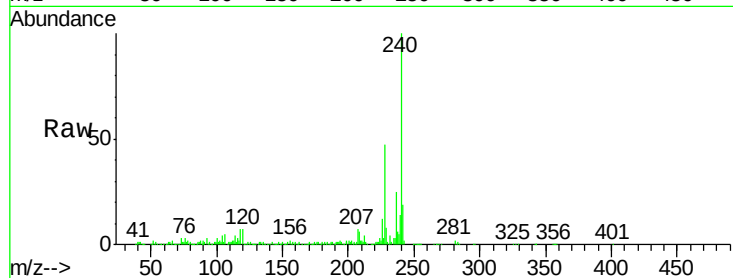
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 503111

Ion	Ratio	Lower	Upper
240	100		
120	6.8	8.2	12.2#
236	25.5	20.0	30.0



#76

Benzidine

Concen: 60.49 ng

RT: 19.23 min Scan# 2761

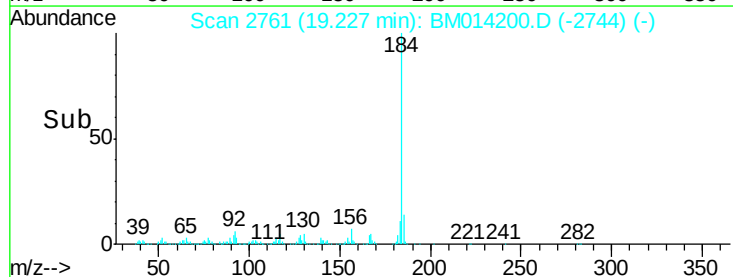
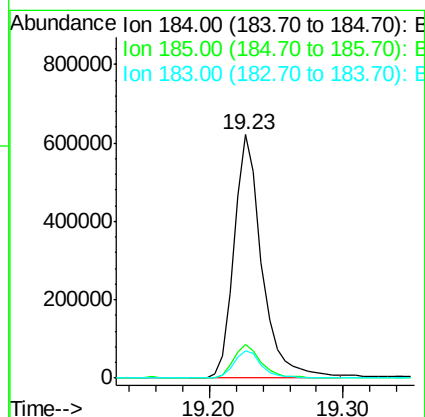
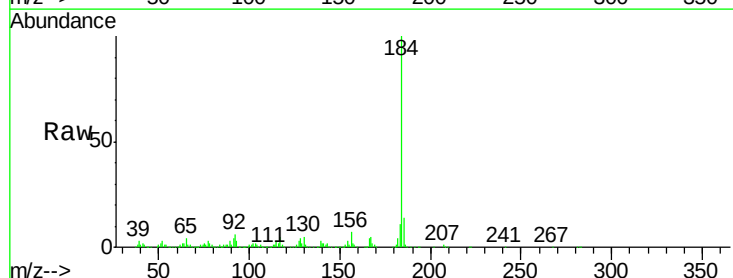
Delta R.T. -0.00 min

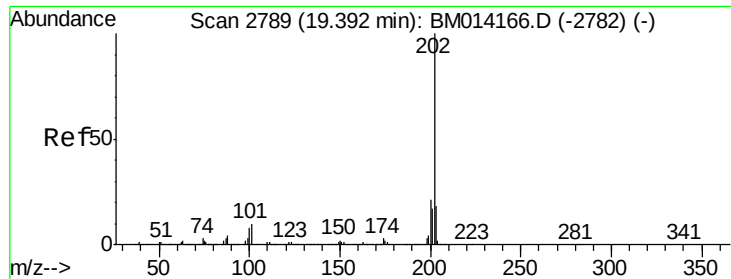
Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Tgt Ion:184 Resp: 906368

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.3	16.9
183	11.5	8.9	13.3

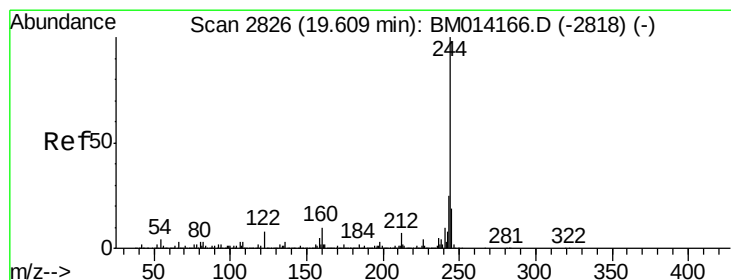
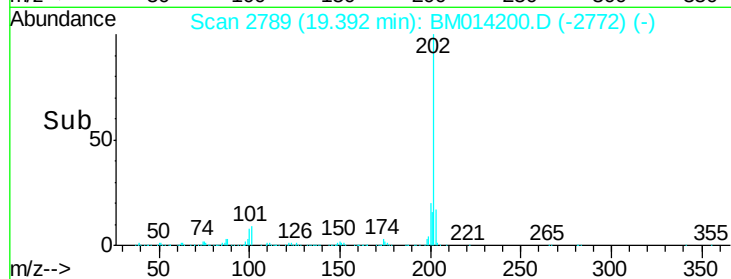
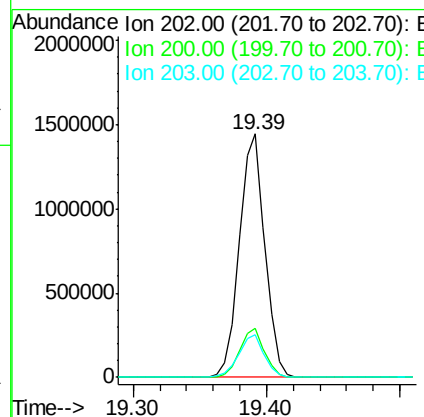
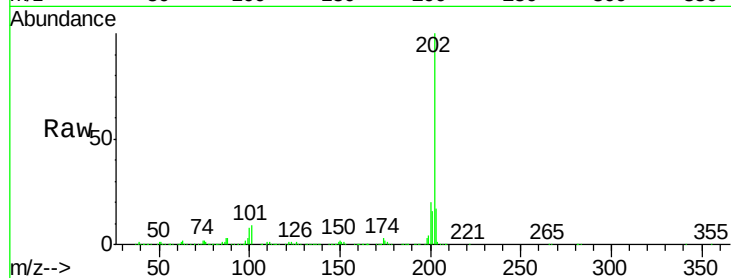




#77
Pvrene
Concen: 54.85 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

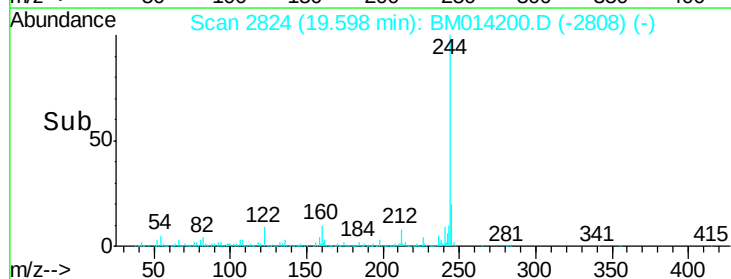
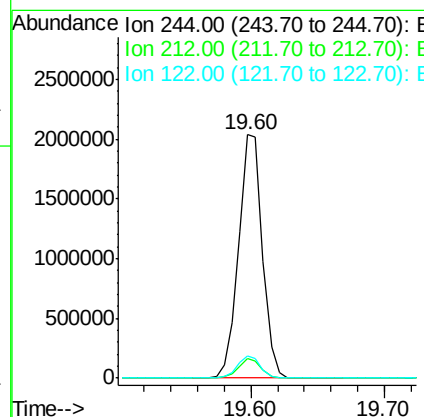
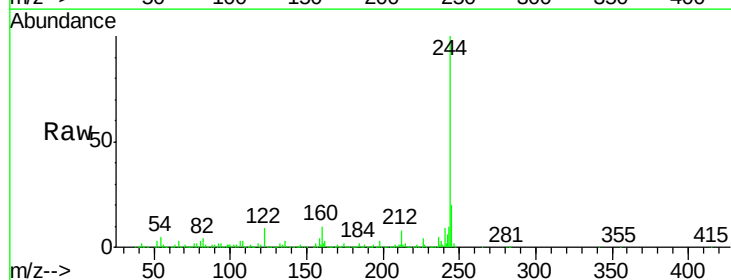
Instrument :
BNA_M
ClientSampleId :

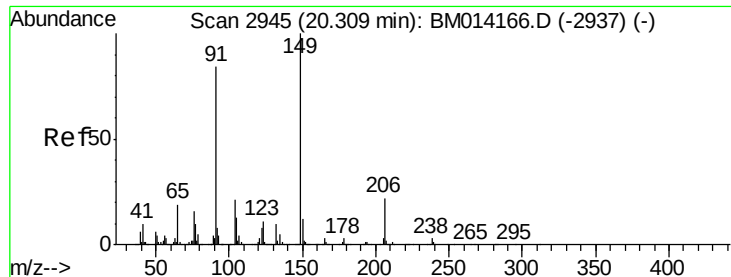
Tot Ion:202 Resp: 1917197
Ion Ratio Lower Upper
202 100
200 20.3 16.9 25.3
203 17.3 14.1 21.1



#78
Terphenyl-d14
Concen: 98.19 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion:244 Resp: 2528364
Ion Ratio Lower Upper
244 100
212 7.9 4.9 7.3#
122 9.2 6.2 9.4

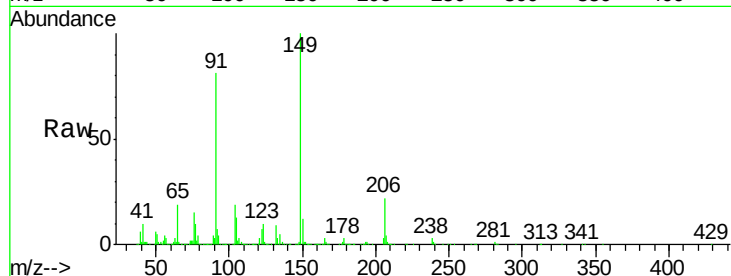




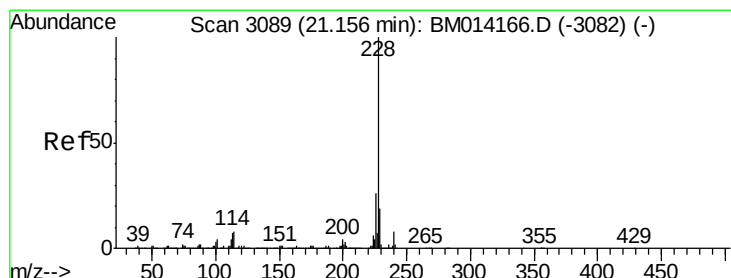
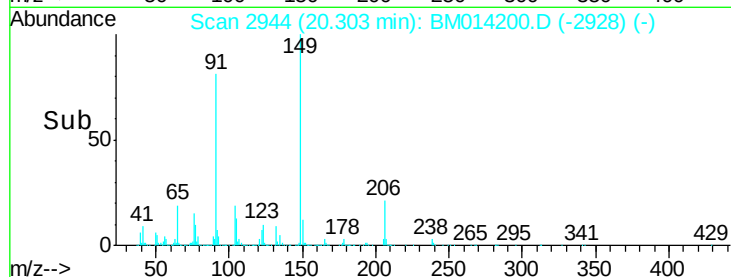
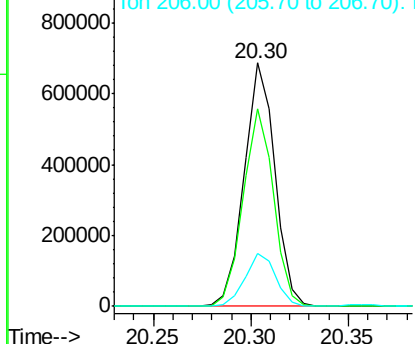
#79
Butylbenzylphthalate
Concen: 47.60 ng
RT: 20.30 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 749257
Ion Ratio Lower Upper
149 100
91 81.3 50.1 75.1#
206 21.6 16.2 24.2

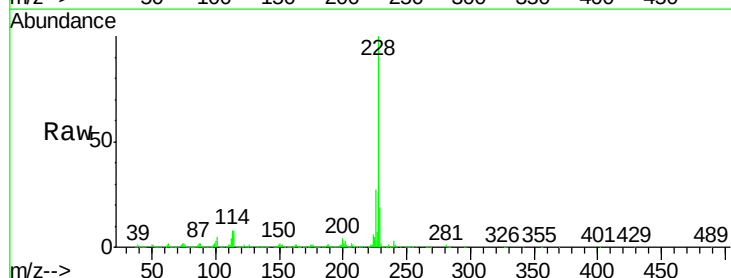


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

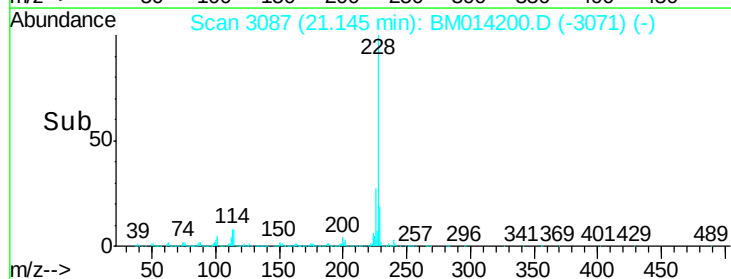
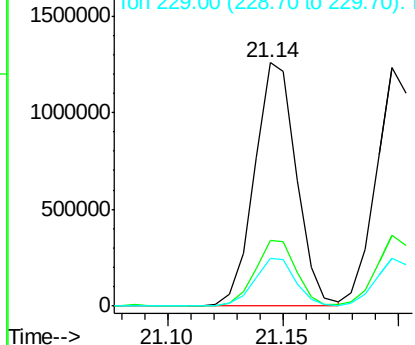


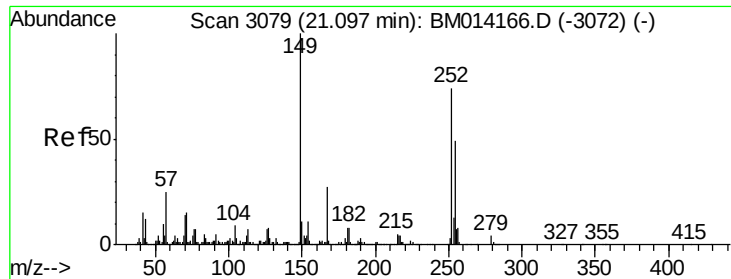
#80
Benzo(a)anthracene
Concen: 48.53 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion:228 Resp: 1586468
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.5 16.0 24.0



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

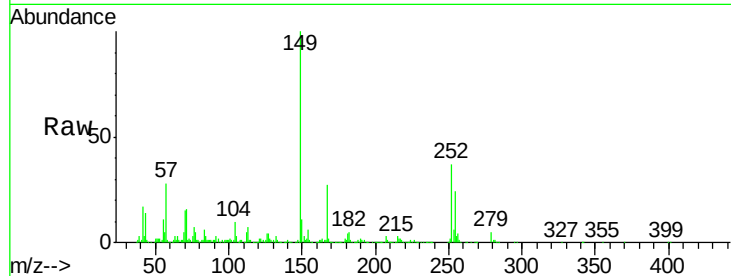




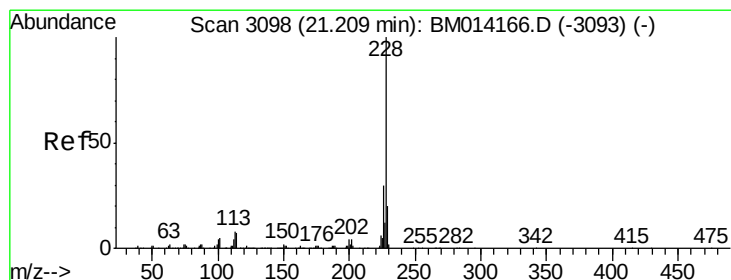
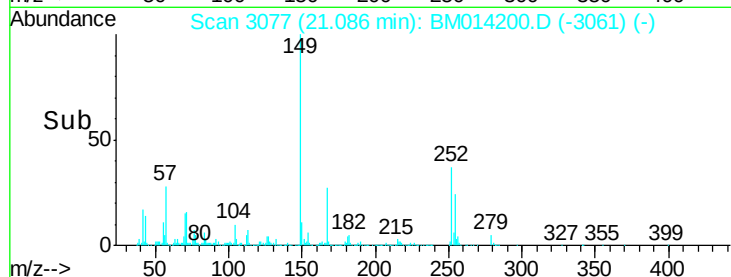
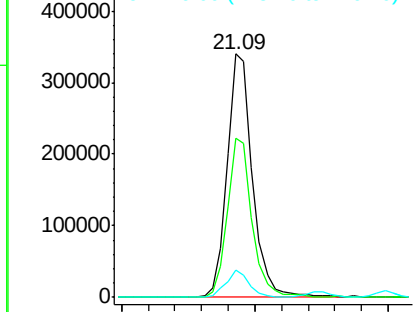
#81
 3,3'-Dichlorobenzidine
 Concen: 37.10 ng
 RT: 21.09 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 453334
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.9 77.9
 126 11.3 9.8 14.8

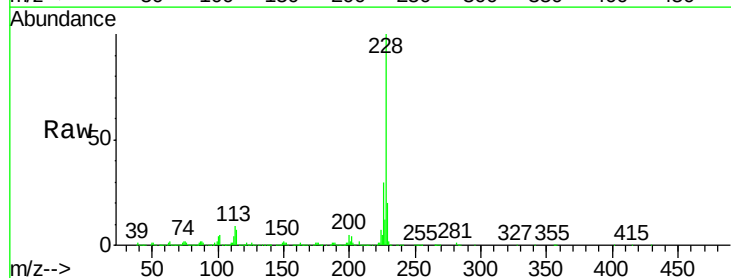


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

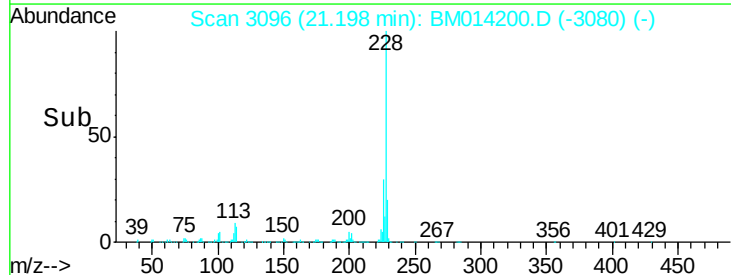
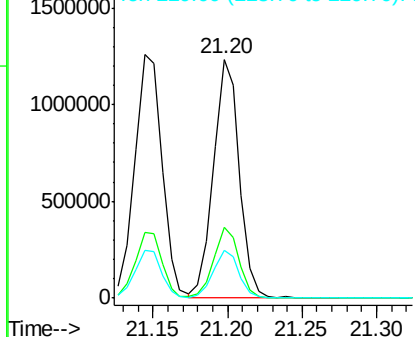


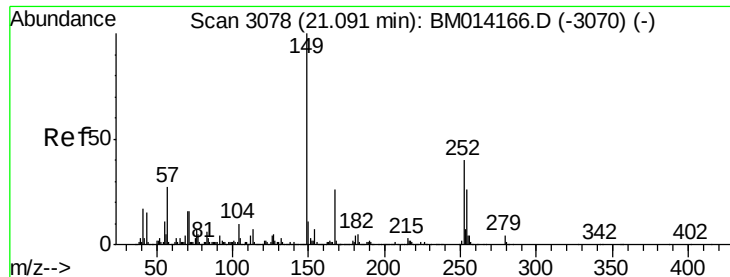
#82
 Chrysene
 Concen: 46.84 ng
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM014200.D
 Acq: 08 Feb 2018 19:22

Tgt Ion:228 Resp: 1485466
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 20.1 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.73 ng

RT: 21.08 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

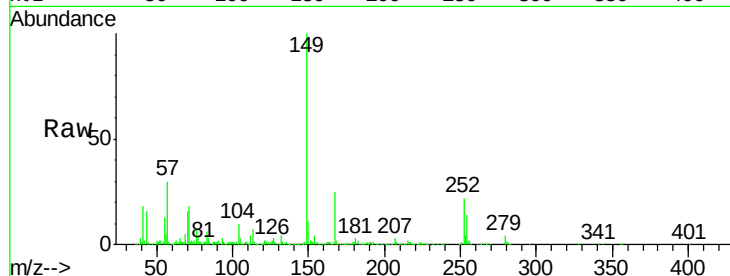
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1026947

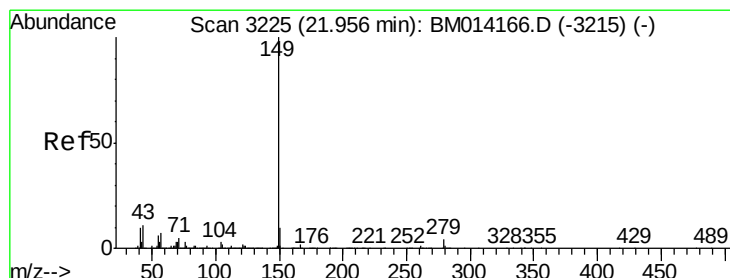
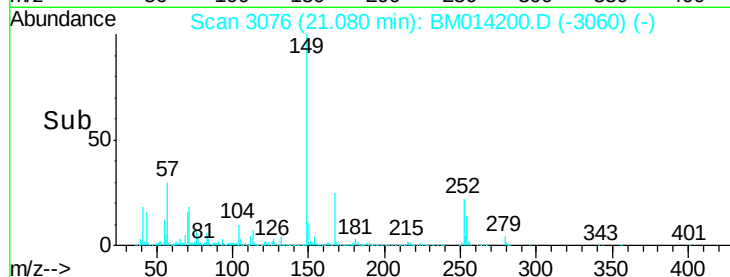
Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.4	33.6
279	3.8	3.4	5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.86 ng

RT: 21.94 min Scan# 3223

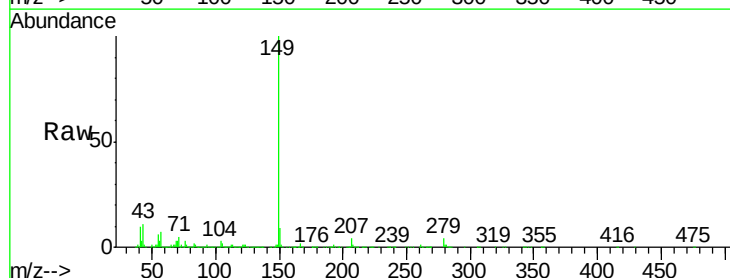
Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Tgt Ion:149 Resp: 1616677

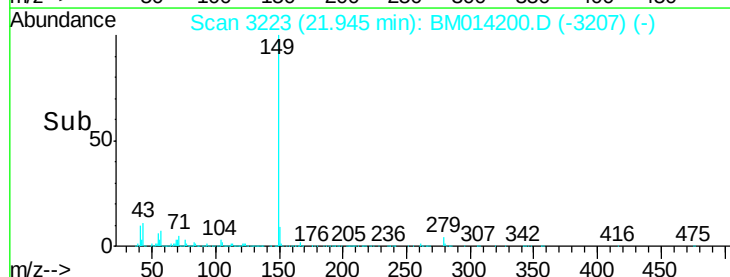
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.7	7.3	10.9

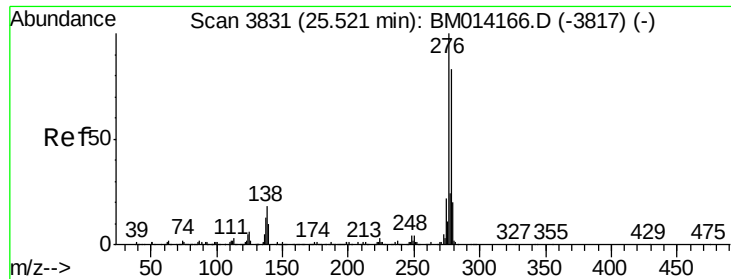


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

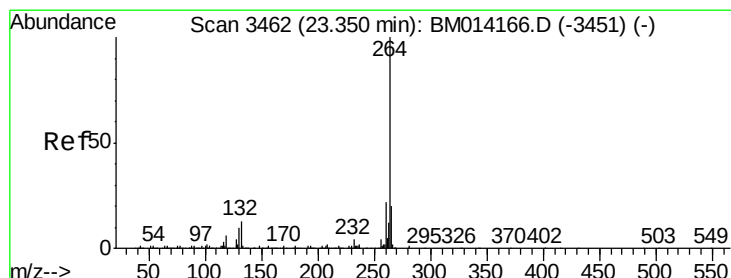
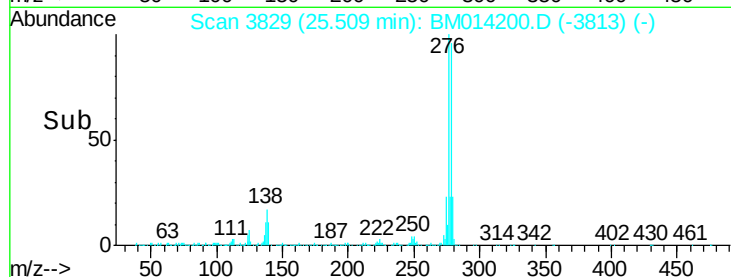
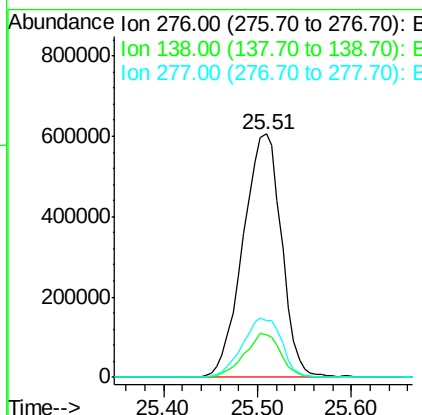
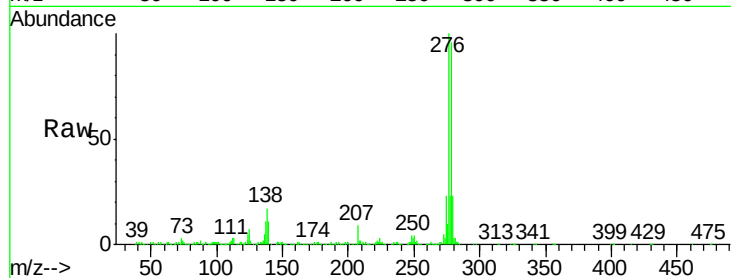




#85
Indeno(1,2,3-cd)pyrene
Concen: 68.91 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

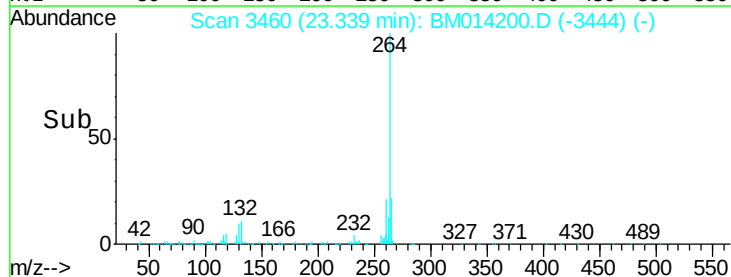
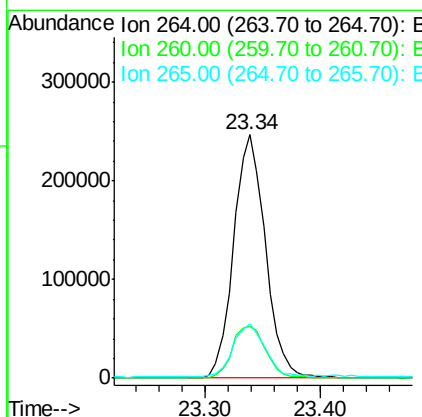
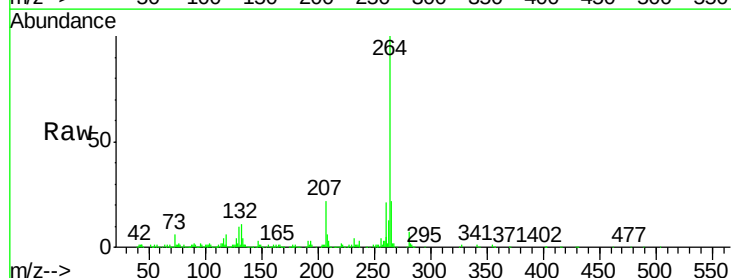
Instrument :
BNA_M
ClientSampleId :

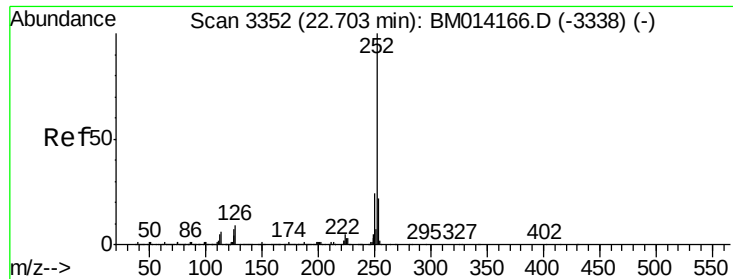
Tot Ion:276 Resp: 1718135
Ion Ratio Lower Upper
276 100
138 17.0 12.0 18.0
277 25.1 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014200.D
Acq: 08 Feb 2018 19:22

Tgt Ion:264 Resp: 470024
Ion Ratio Lower Upper
264 100
260 21.3 18.6 27.8
265 22.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 45.44 ng

RT: 22.69 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

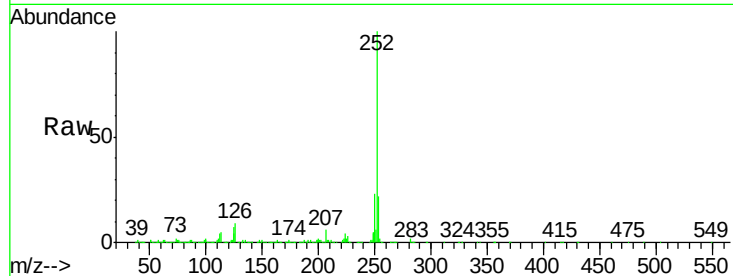
Tot Ion:252 Resp: 1481852

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

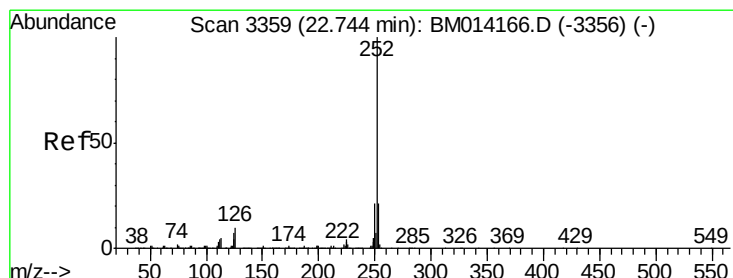
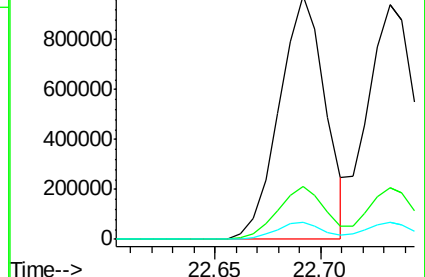
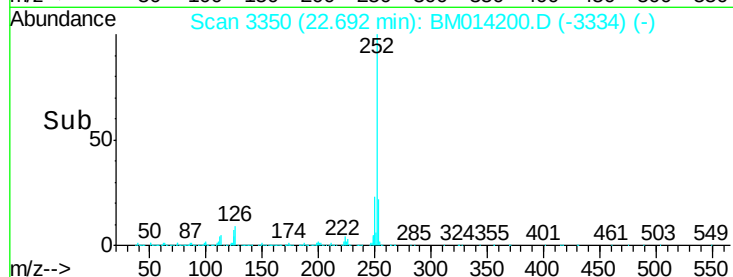
125 6.9 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.92 ng

RT: 22.73 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

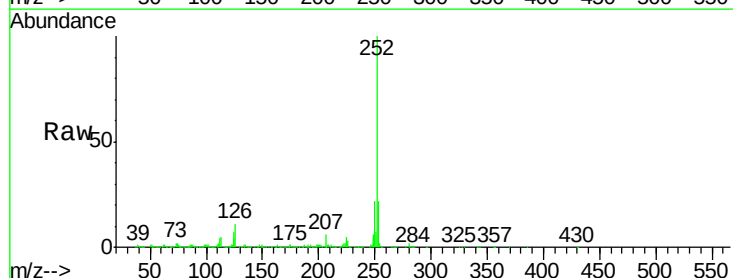
Tgt Ion:252 Resp: 1485589

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

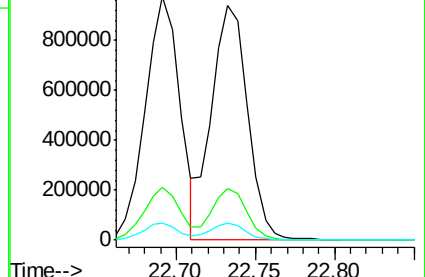
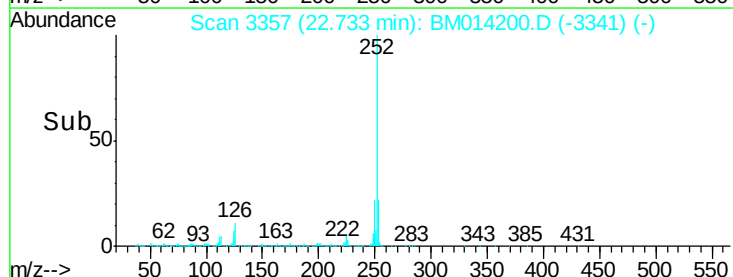
125 7.1 8.1 12.1#

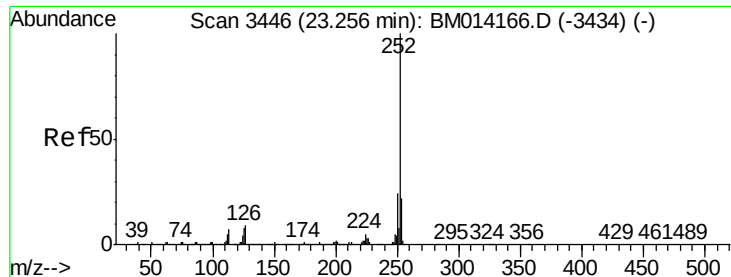


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.04 ng

RT: 23.24 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampled :

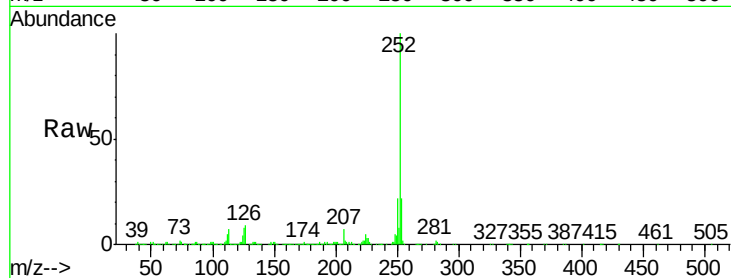
Tot Ion:252 Resp: 1438107

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

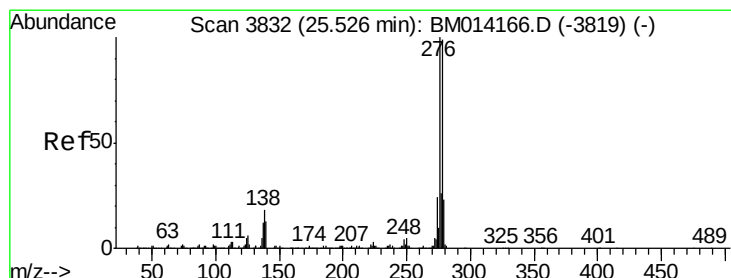
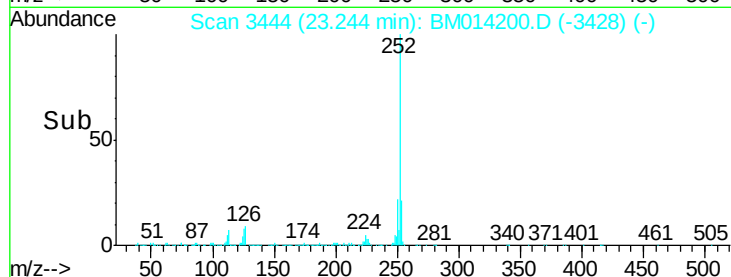
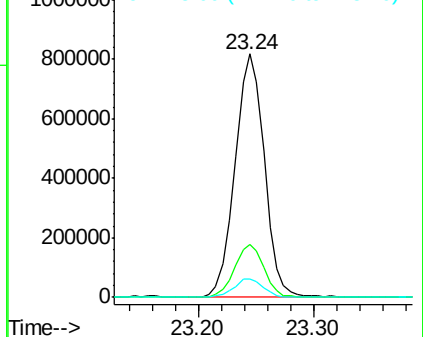
125 7.6 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 61.59 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

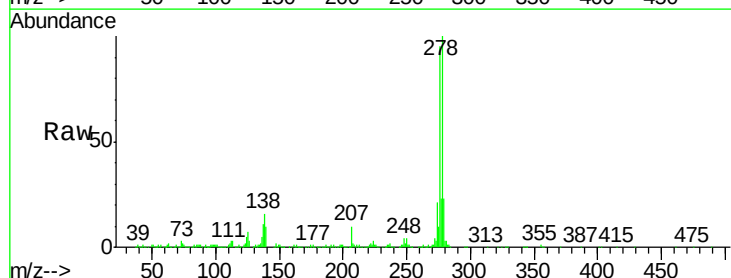
Tgt Ion:278 Resp: 1446502

Ion Ratio Lower Upper

278 100

139 10.5 13.4 20.0#

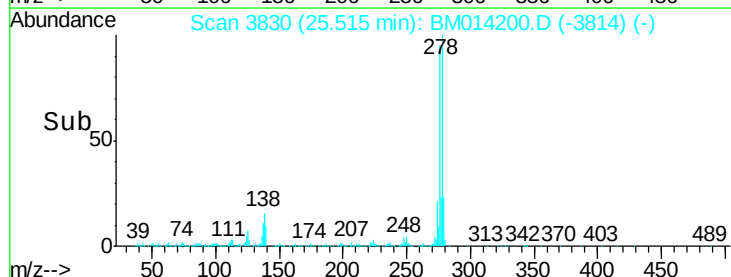
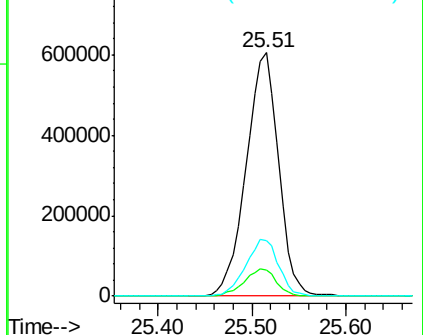
279 23.0 19.0 28.4

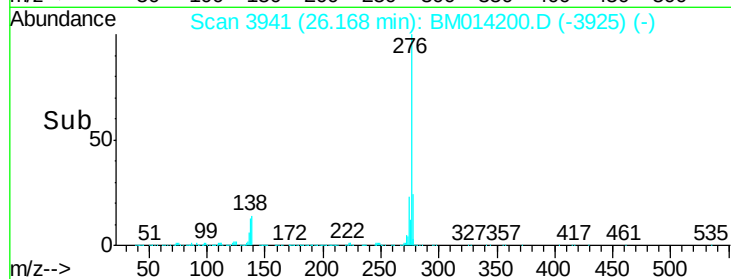
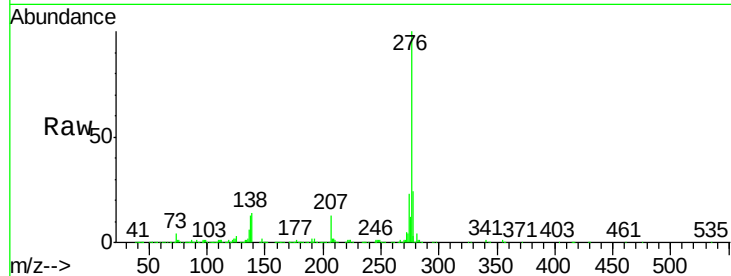
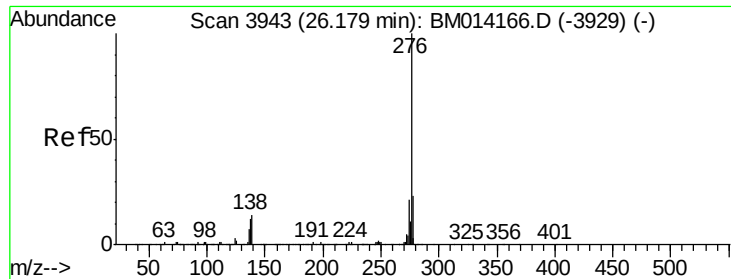


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 64.04 ng

RT: 26.17 min Scan# 3941

Delta R.T. -0.01 min

Lab File: BM014200.D

Acq: 08 Feb 2018 19:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 1406209

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	14.3	19.0	28.6

