

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014201.D
 Acq On : 08 Feb 2018 19:58
 Operator : SJ/JU
 Sample : J1476-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 09 04:09:09 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	119675	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	524667	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	325480	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	674057	20.00	ng	0.00
75) Chrysene-d12	21.16	240	585435	20.00	ng	0.00
86) Perylene-d12	23.34	264	531889	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	369933	53.88	ng	0.00
7) Phenol-d6	6.74	99	950138	97.71	ng	0.00
23) Nitrobenzene-d5	8.70	82	864317	73.58	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	161829	35.04	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1655039	63.48	ng	0.00
78) Terphenyl-d14	19.60	244	1927563	64.33	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	77522	27.48	ng	# 100
3) Pyridine	3.52	79	226085	28.94	ng	# 89
4) n-Nitrosodimethylamine	3.45	42	171788	34.52	ng	# 55
6) Aniline	6.89	93	287513	23.19	ng	94
8) 2-Chlorophenol	7.11	128	194229	24.89	ng	94
9) Benzaldehyde	6.70	77	89338	12.77	ng	86
10) Phenol	6.76	94	389594	40.58	ng	91
11) bis(2-Chloroethyl)ether	6.99	93	271405	35.77	ng	95
12) 1,3-Dichlorobenzene	7.43	146	323590	33.17	ng	# 88
13) 1,4-Dichlorobenzene	7.57	146	338216	34.51	ng	# 93
14) 1,2-Dichlorobenzene	7.89	146	332579	33.72	ng	# 95
15) Benzyl Alcohol	7.79	79	339489	37.68	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.07	45	276420	35.81	ng	84
17) 2-Methylphenol	8.00	107	274097	37.31	ng	# 87
18) Hexachloroethane	8.59	117	142460	33.63	ng	95
19) n-Nitroso-di-n-propylamine	8.35	70	287269	34.29	ng	94
20) 3+4-Methylphenols	8.33	107	368434	34.62	ng	92
22) Acetophenone	8.37	105	553331	36.68	ng	# 91
24) Nitrobenzene	8.74	77	429834	35.54	ng	95
25) Isophorone	9.26	82	738954	37.98	ng	# 93
26) 2-Nitrophenol	9.45	139	80378	17.62	ng	# 53
27) 2,4-Dimethylphenol	9.51	122	315765	45.41	ng	# 81
28) bis(2-Chloroethoxy)methane	9.75	93	415248	41.61	ng	98
29) 2,4-Dichlorophenol	9.98	162	170230	21.91	ng	94
30) 1,2,4-Trichlorobenzene	10.18	180	351106	34.28	ng	97
31) Naphthalene	10.36	128	1039198	36.17	ng	98
32) Benzoic acid	9.69	122	132	6.20	ng	# 11
33) 4-Chloroaniline	10.49	127	210116	17.60	ng	# 87
34) Hexachlorobutadiene	10.63	225	219525	31.24	ng	97
35) Caprolactam	11.29	113	95898	34.51	ng	# 86
36) 4-Chloro-3-methylphenol	11.63	107	352165	36.58	ng	87
37) 2-Methylnaphthalene	11.99	142	778925	36.00	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	425034	37.27	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	388900	59.87	ng	97

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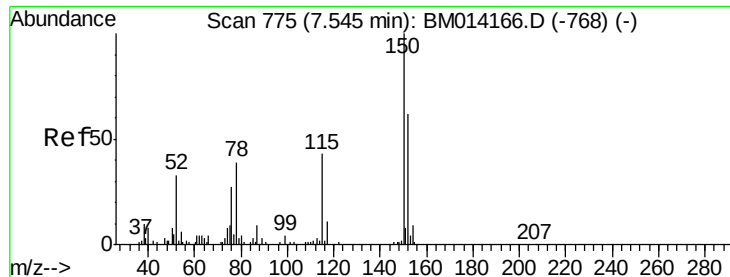
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 09 04:09:09 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)

42) 2,4,6-Trichlorophenol	12.62	196	100609	15.02	nq	94
43) 2,4,5-Trichlorophenol	12.70	196	123524	16.70	nq	# 84
45) 1,1'-Biphenyl	13.02	154	1023884	36.32	nq	97
46) 2-Chloronaphthalene	13.06	162	789054	36.87	nq	# 93
47) 2-Nitroaniline	13.29	65	270629	34.36	nq	# 81
48) Acenaphthylene	13.92	152	1226129	34.94	nq	99
49) Dimethylphthalate	13.67	163	1103606	37.88	nq	100
50) 2,6-Dinitrotoluene	13.80	165	213297	35.67	nq	# 68
51) Acenaphthene	14.26	154	732690	33.87	nq	98
52) 3-Nitroaniline	14.13	138	167523	27.09	nq	# 76
53) 2,4-Dinitrophenol	14.37	184	12040	10.87	nq	# 78
54) Dibenzofuran	14.60	168	1198323	35.45	nq	# 89
55) 4-Nitrophenol	14.47	139	72451	19.51	nq	# 74
56) 2,4-Dinitrotoluene	14.60	165	299278	32.43	nq	# 83
57) Fluorene	15.26	166	976513	32.84	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.84	232	89423	12.27	nq	# 100
59) Diethylphthalate	15.04	149	1006270	31.11	nq	97
60) 4-Chlorophenyl-phenylether	15.25	204	509046	32.93	nq	92
61) 4-Nitroaniline	15.30	138	188411	30.45	nq	# 30
62) Azobenzene	15.54	77	1087597	32.38	nq	83
64) 4,6-Dinitro-2-methylphenol	15.37	198	34497	12.17	nq	90
65) n-Nitrosodiphenylamine	15.47	169	854348	40.15	nq	97
66) 4-Bromophenyl-phenylether	16.15	248	292909	37.07	nq	# 88
67) Hexachlorobenzene	16.26	284	303818	35.03	nq	# 79
68) Atrazine	16.44	200	289496	36.27	nq	99
69) Pentachlorophenol	16.62	266	100073	21.53	nq	96
70) Phenanthrene	17.00	178	1433865	35.26	nq	99
71) Anthracene	17.09	178	1447635	36.54	nq	99
72) Carbazole	17.37	167	1243575	33.39	nq	99
73) Di-n-butylphthalate	17.93	149	1518443	31.86	nq	# 97
74) Fluoranthene	19.02	202	1551610	32.41	nq	99
76) Benzidine	19.23	184	767522	44.02	nq	98
77) Pyrene	19.39	202	1528193	37.57	nq	97
79) Butylbenzylphthalate	20.30	149	624915	34.12	nq	# 80
80) Benzo(a)anthracene	21.14	228	1366442	35.92	nq	98
81) 3,3'-Dichlorobenzidine	21.09	252	405174	28.50	nq	97
82) Chrysene	21.20	228	1259935	34.14	nq	99
83) Bis(2-ethylhexyl)phthalate	21.08	149	874857	32.75	nq	98
84) Di-n-octyl phthalate	21.94	149	1392341	37.64	nq	96
85) Indeno(1,2,3-cd)pyrene	25.50	276	1290546	44.48	nq	98
87) Benzo(b)fluoranthene	22.69	252	1240597	33.61	nq	# 94
88) Benzo(k)fluoranthene	22.73	252	1216712	34.68	nq	# 97
89) Benzo(a)pyrene	23.24	252	1178431	36.23	nq	# 97
90) Dibenzo(a,h)anthracene	25.51	278	1104766	41.57	nq	# 94
91) Benzo(g,h,i)perylene	26.16	276	1083568	43.60	nq	# 89

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

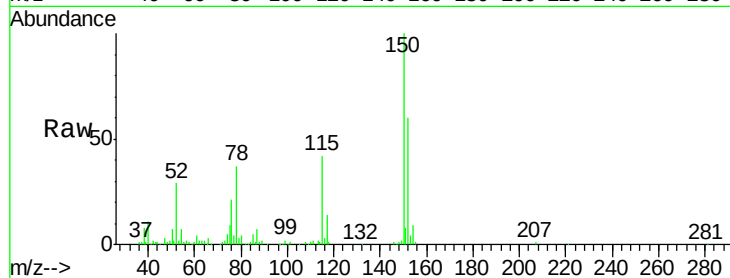


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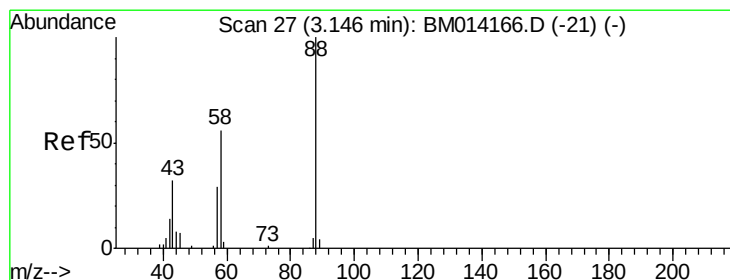
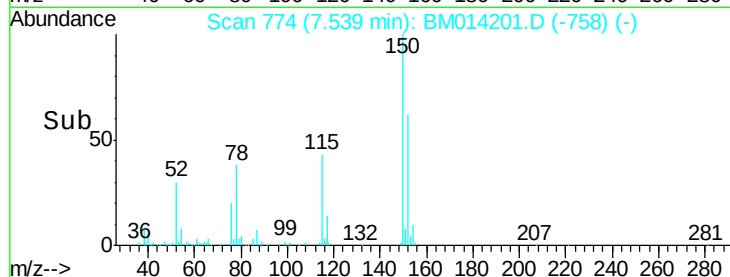
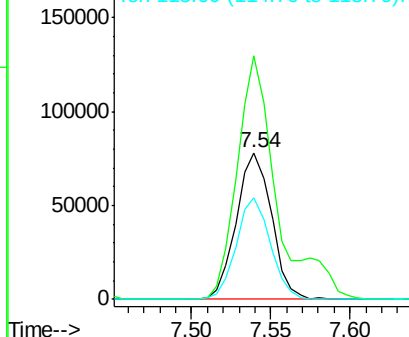
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 119675
Ion Ratio Lower Upper
152 100
150 166.2 119.5 179.3
115 69.5 43.0 64.4#



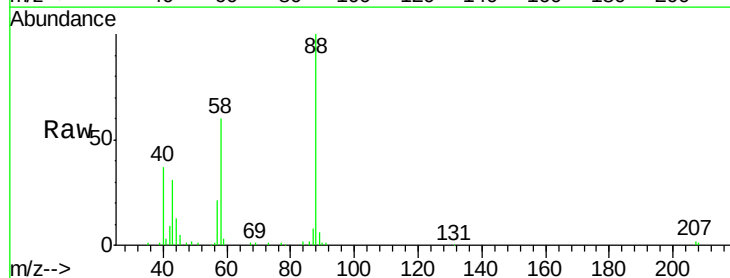
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



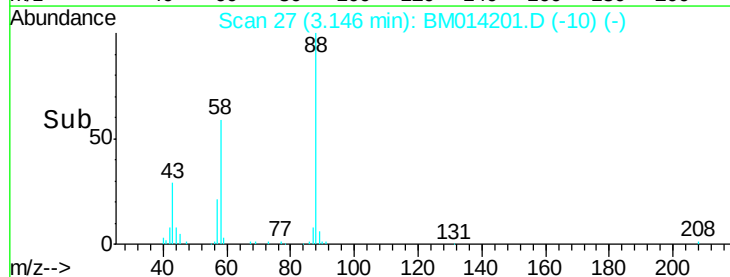
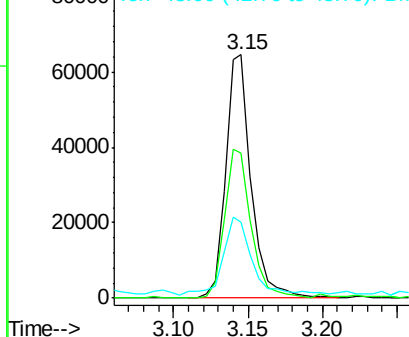
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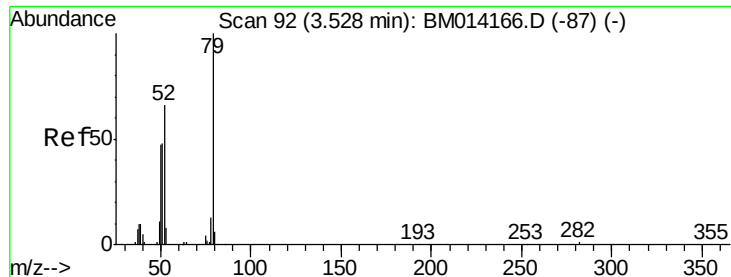
1,4-Dioxane
Concen: 27.48 ng
RT: 3.15 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion: 88 Resp: 77522
Ion Ratio Lower Upper
88 100
58 63.8 0.0 0.0#
43 36.0 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 28.94 ng

RT: 3.52 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

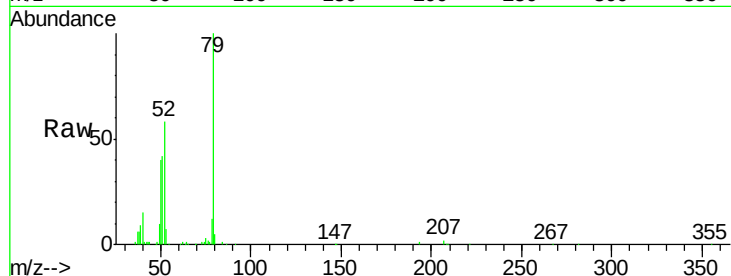
Tot Ion: 79 Resp: 226085

Ion Ratio Lower Upper

79 100

52 57.5 51.1 76.7

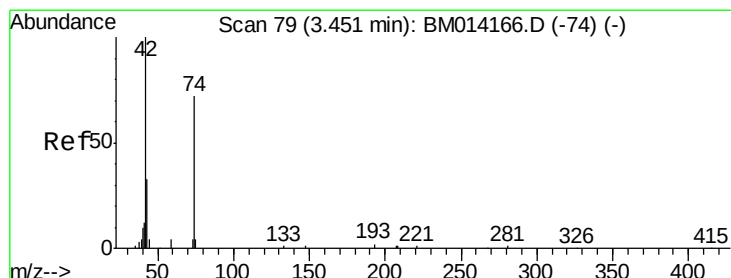
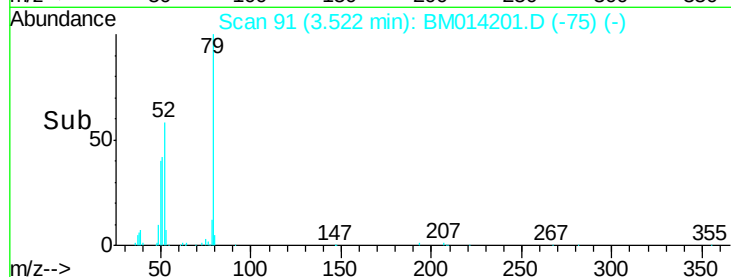
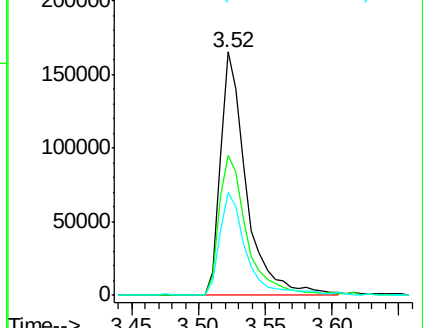
51 42.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM014201.D (-75) (-)

Ion 52.00 (51.70 to 52.70): BM014201.D (-75) (-)

Ion 51.00 (50.70 to 51.70): BM014201.D (-75) (-)



#4

n-Nitrosodimethylamine

Concen: 34.52 ng

RT: 3.45 min Scan# 78

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

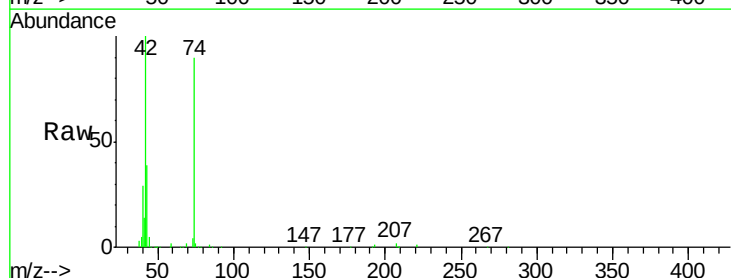
Tgt Ion: 42 Resp: 171788

Ion Ratio Lower Upper

42 100

74 89.5 119.3 178.9#

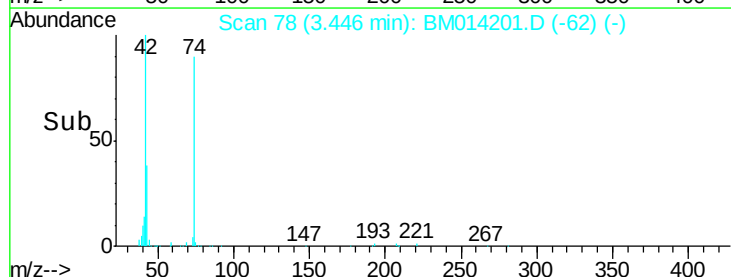
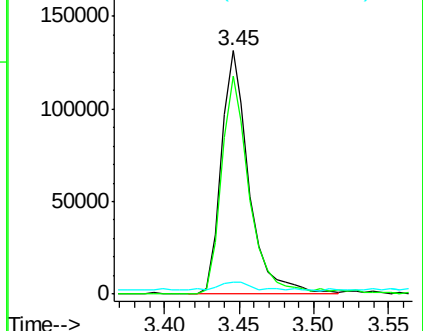
44 5.1 5.4 8.2#

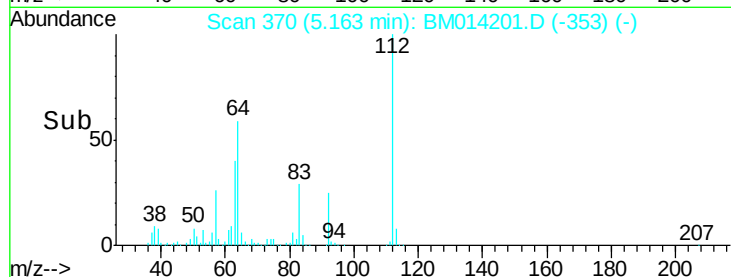
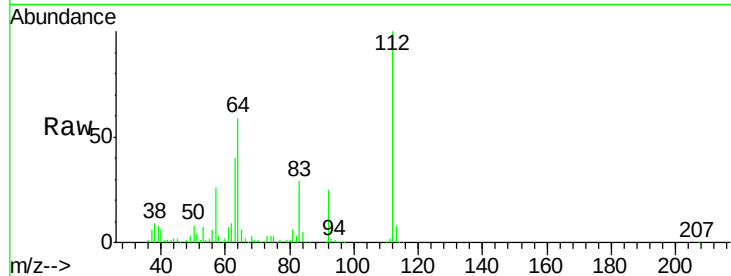
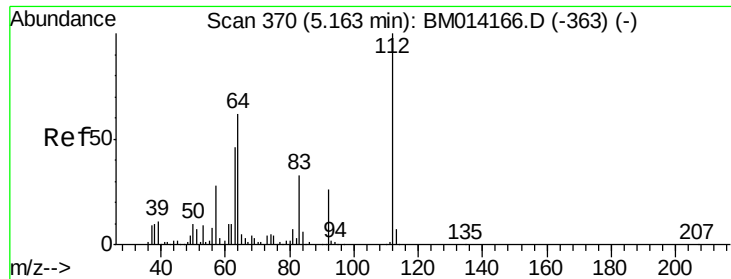


Abundance Ion 42.00 (41.70 to 42.70): BM014201.D (-62) (-)

Ion 74.00 (73.70 to 74.70): BM014201.D (-62) (-)

Ion 44.00 (43.70 to 44.70): BM014201.D (-62) (-)





#5

2-Fluorophenol

Concen: 53.88 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

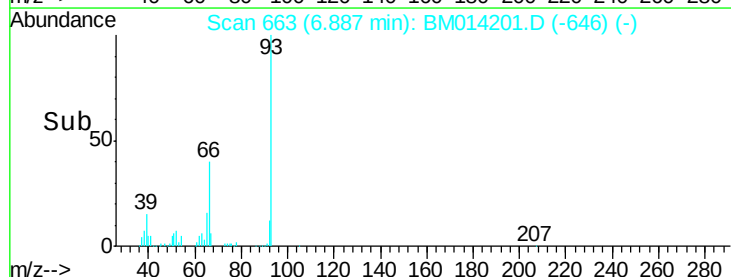
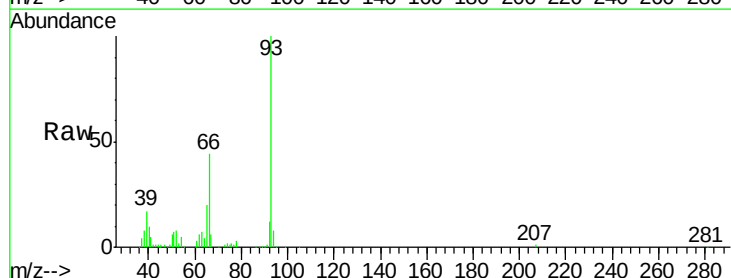
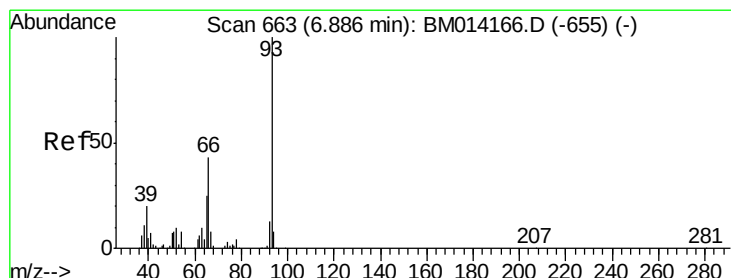
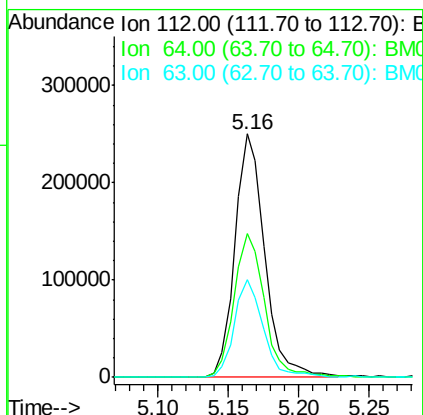
Tot Ion:112 Resp: 369933

Ion Ratio Lower Upper

112 100

64 59.3 38.6 57.8#

63 40.3 19.3 28.9#



#6

Aniline

Concen: 23.19 ng

RT: 6.89 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

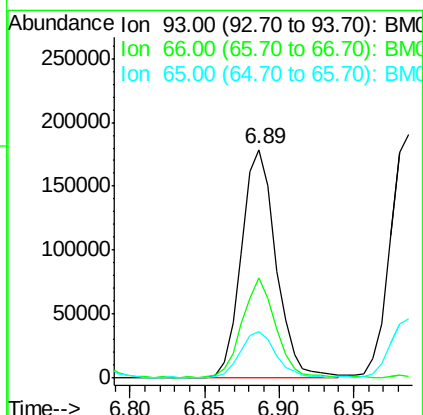
Tgt Ion: 93 Resp: 287513

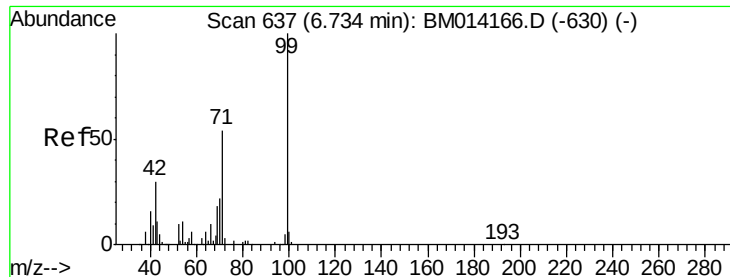
Ion Ratio Lower Upper

93 100

66 44.0 30.8 46.2

65 20.2 16.0 24.0





#7

Phenol-d6

Concen: 97.71 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampled :

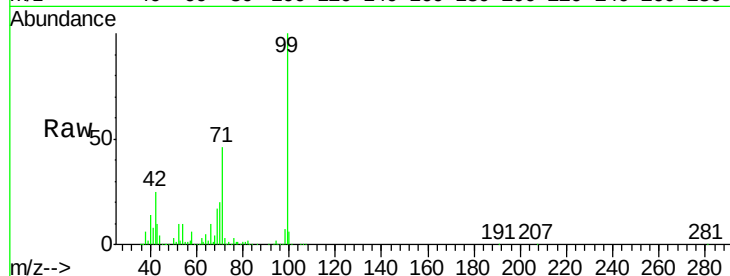
Tot Ion: 99 Resp: 950138

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

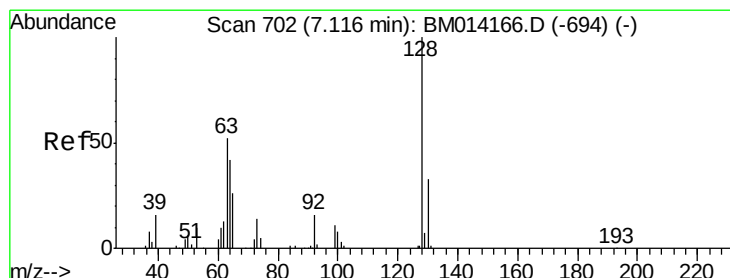
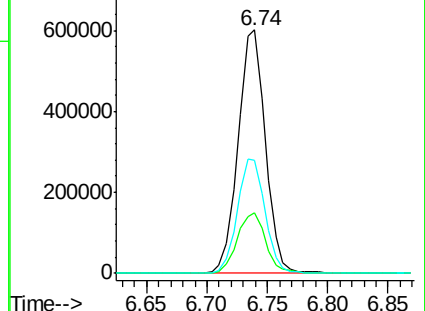
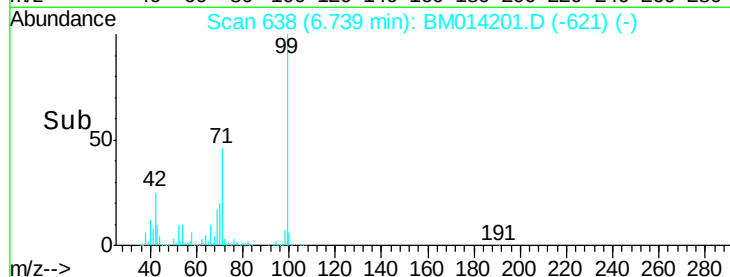
71 46.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014201.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014201.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014201.D (-621) (-)



#8

2-Chlorophenol

Concen: 24.89 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

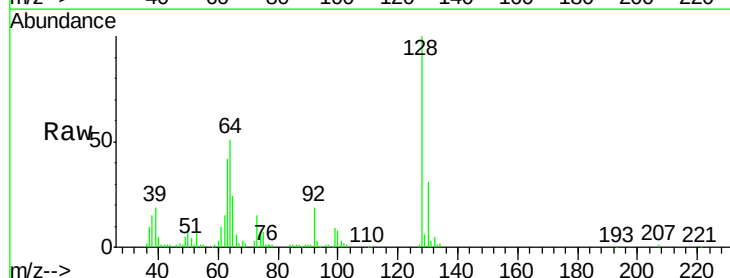
Tgt Ion: 128 Resp: 194229

Ion Ratio Lower Upper

128 100

130 31.1 12.0 52.0

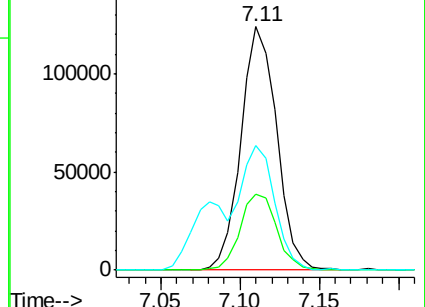
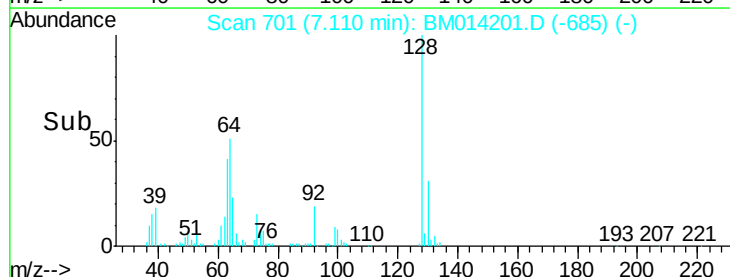
64 51.2 24.9 64.9

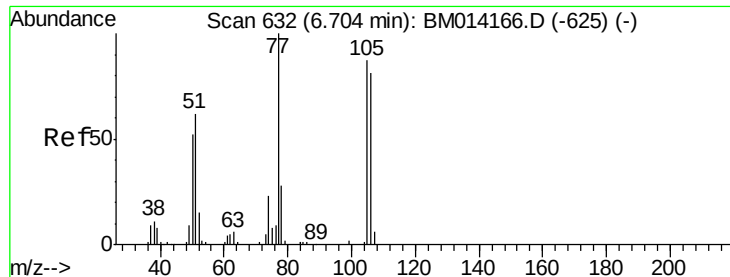


Abundance Ion 128.00 (127.70 to 128.70): BM014201.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM014201.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM014201.D (-685) (-)





#9

Benzaldehyde

Concen: 12.77 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampled :

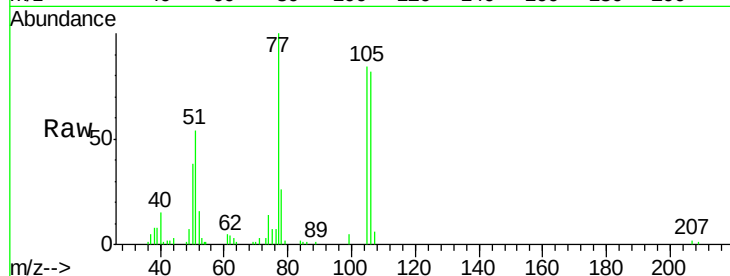
Tot Ion: 77 Resp: 89338

Ion Ratio Lower Upper

77 100

105 83.5 78.8 118.8

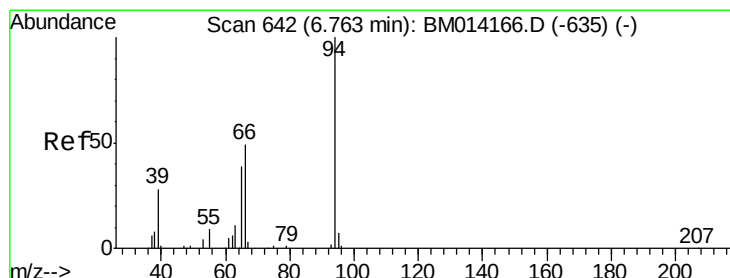
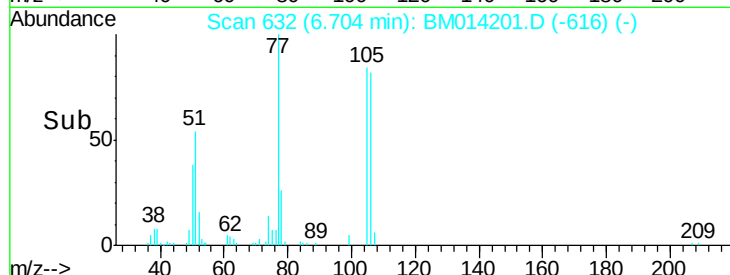
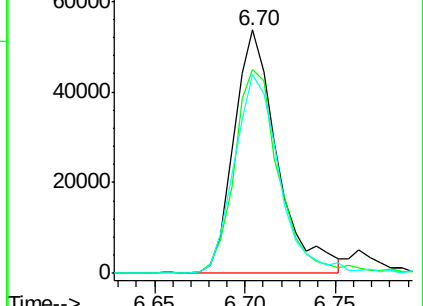
106 81.9 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM014201.D (-616) (-)

Ion 105.00 (104.70 to 105.70): BM014201.D (-616) (-)

Ion 106.00 (105.70 to 106.70): BM014201.D (-616) (-)



#10

Phenol

Concen: 40.58 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

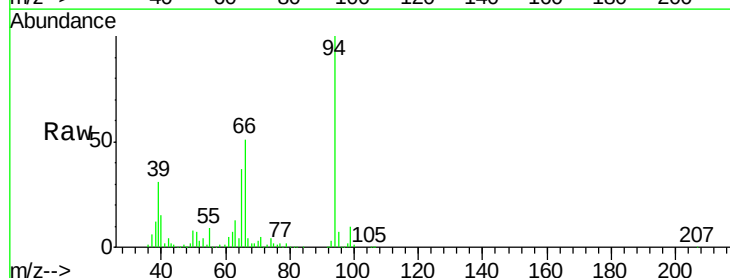
Tgt Ion: 94 Resp: 389594

Ion Ratio Lower Upper

94 100

65 36.5 18.8 58.8

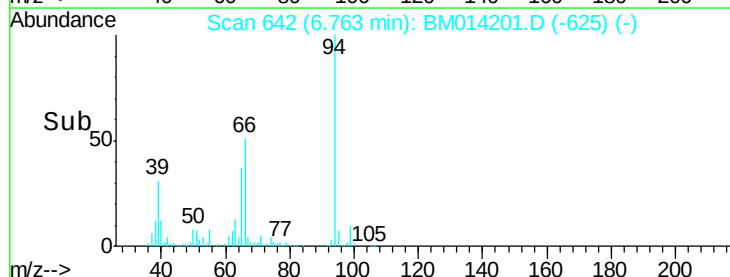
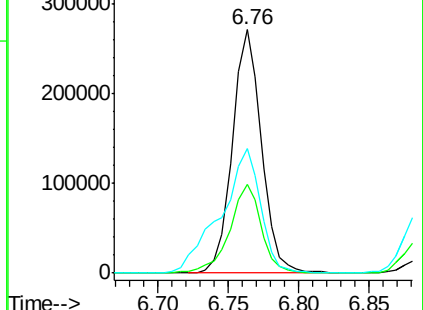
66 51.0 39.9 79.9

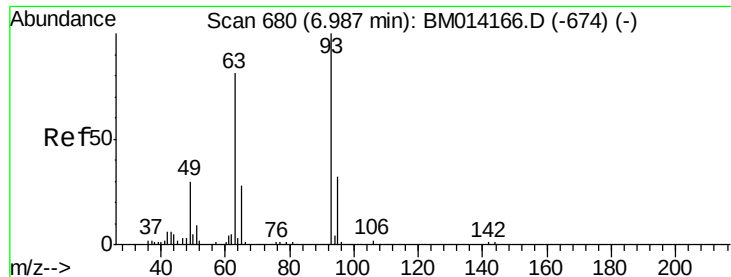


Abundance Ion 94.00 (93.70 to 94.70): BM014201.D (-625) (-)

Ion 65.00 (64.70 to 65.70): BM014201.D (-625) (-)

Ion 66.00 (65.70 to 66.70): BM014201.D (-625) (-)

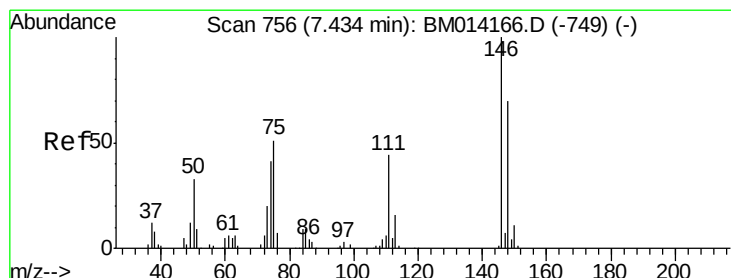
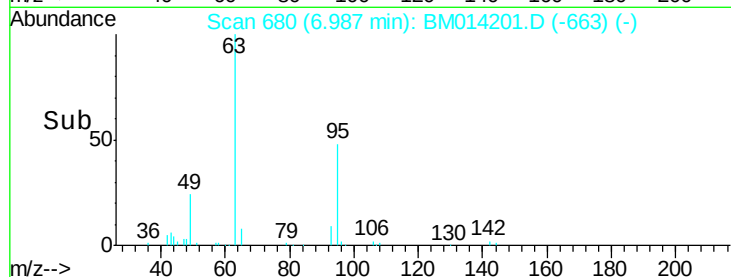
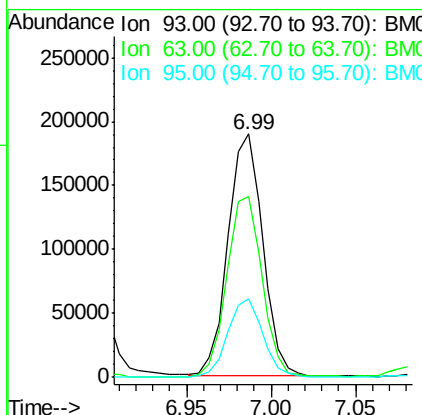
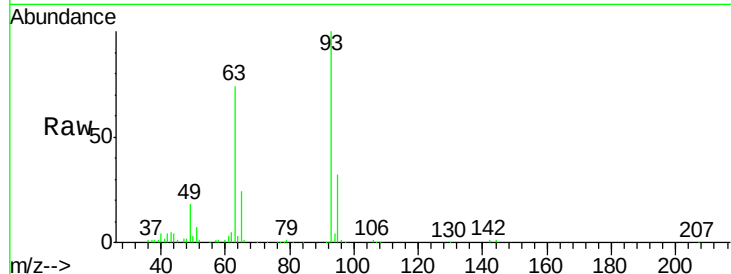




#11
bis(2-Chloroethyl)ether
Concen: 35.77 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

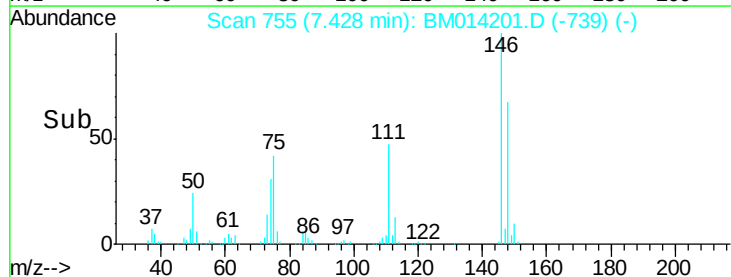
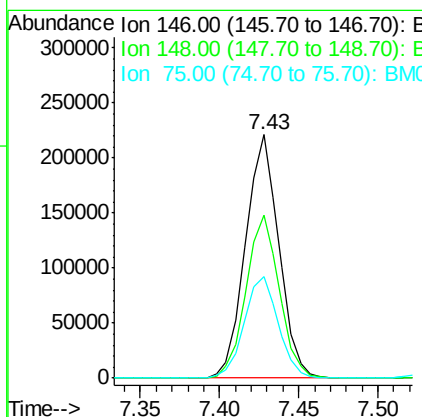
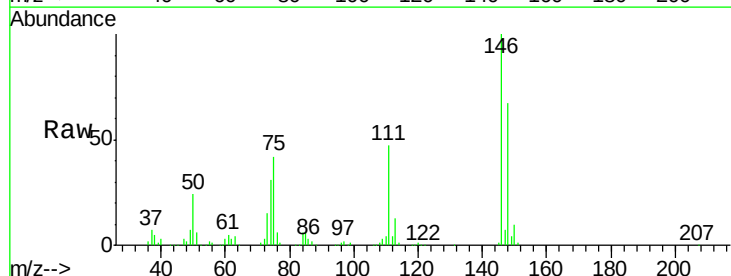
Instrument :
BNA_M
ClientSampled :

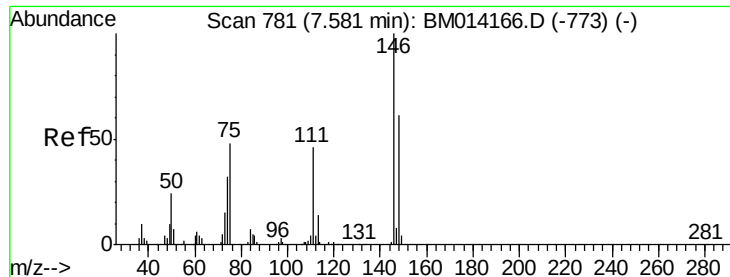
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	49.5	89.5
95	32.5	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 33.17 ng
RT: 7.43 min Scan# 756
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.9	76.3
75	41.9	21.4	32.2

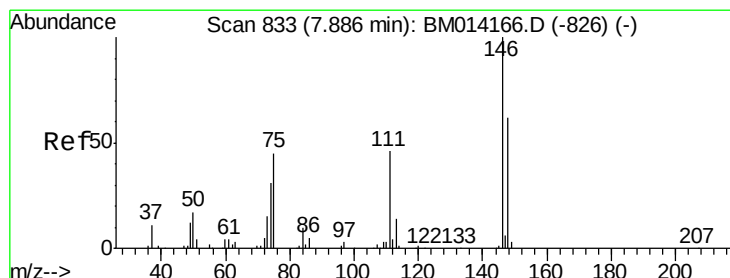
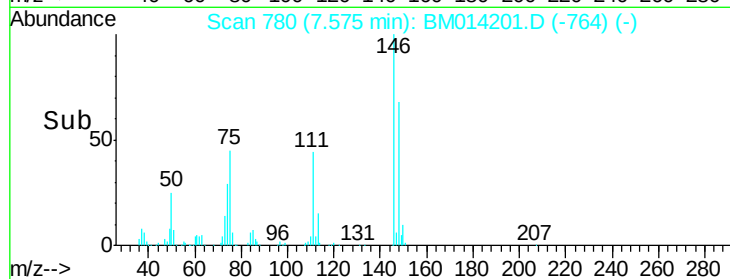
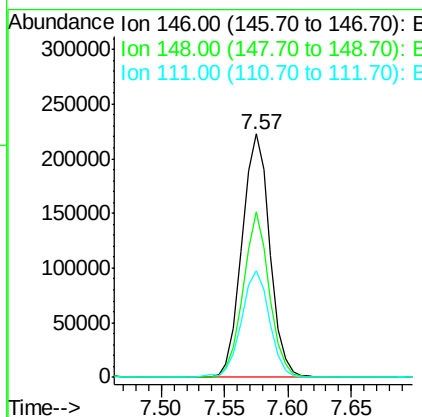
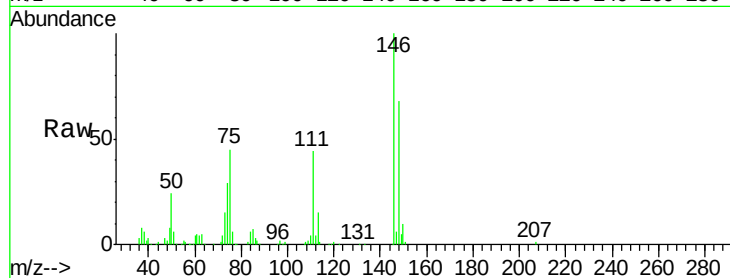




#13
 1,4-Dichlorobenzene
 Concen: 34.51 ng
 RT: 7.57 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

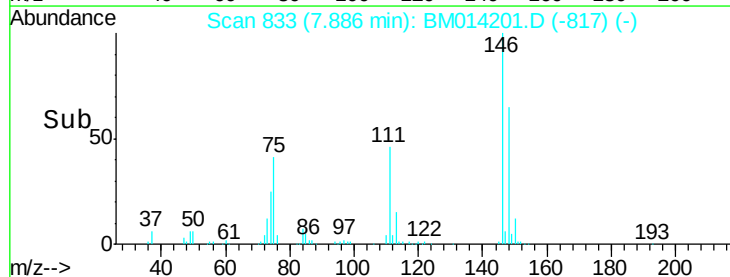
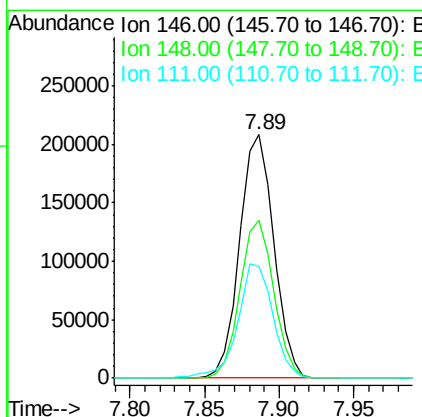
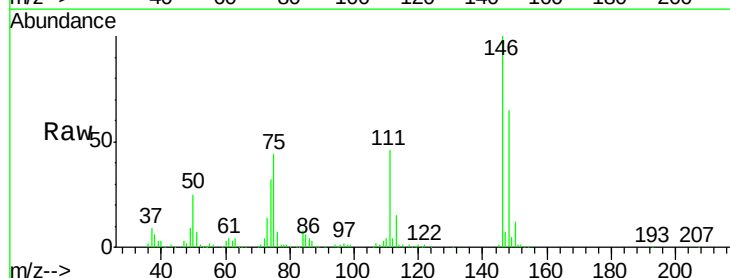
Instrument :
 BNA_M
 ClientSampled :

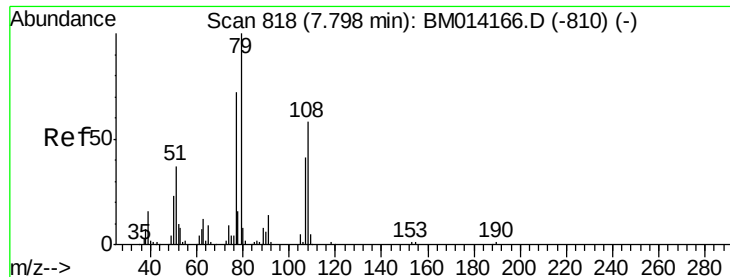
Tot Ion:146 Resp: 338216
 Ion Ratio Lower Upper
 146 100
 148 68.1 51.9 77.9
 111 44.1 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 33.72 ng
 RT: 7.89 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Tgt Ion:146 Resp: 332579
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 45.9 30.6 45.8#





#15

Benzyl Alcohol

Concen: 37.68 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampled :

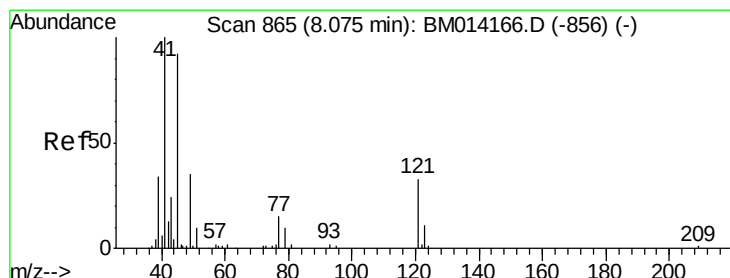
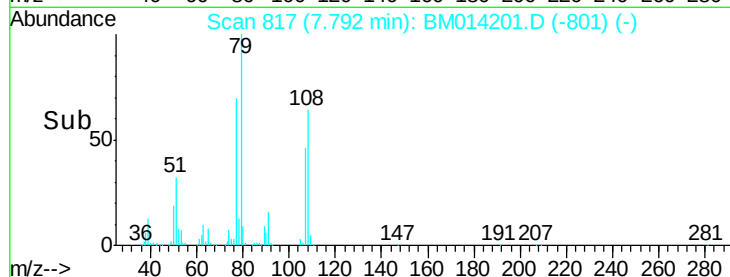
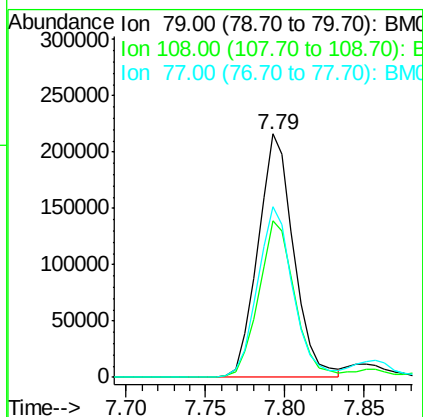
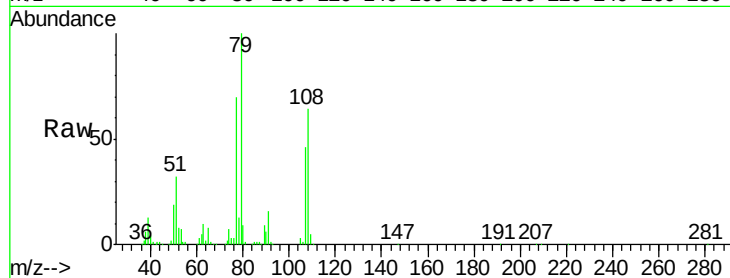
Tot Ion: 79 Resp: 339489

Ion Ratio Lower Upper

79 100

108 64.1 65.0 97.4#

77 70.0 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.81 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

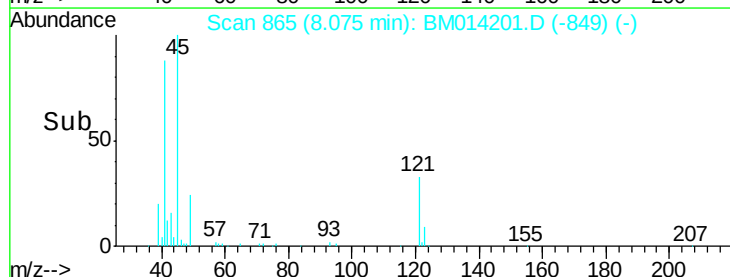
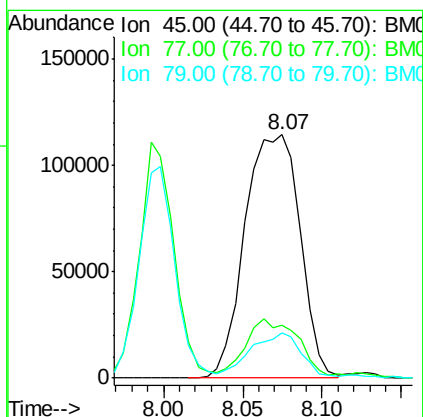
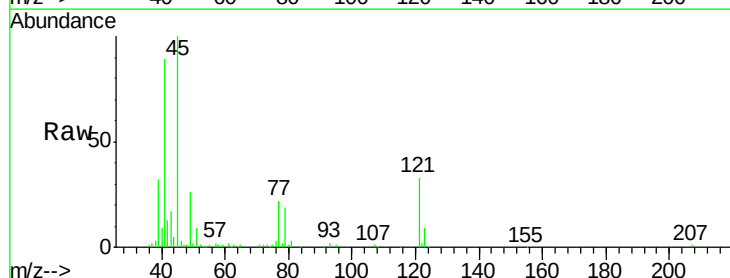
Tgt Ion: 45 Resp: 276420

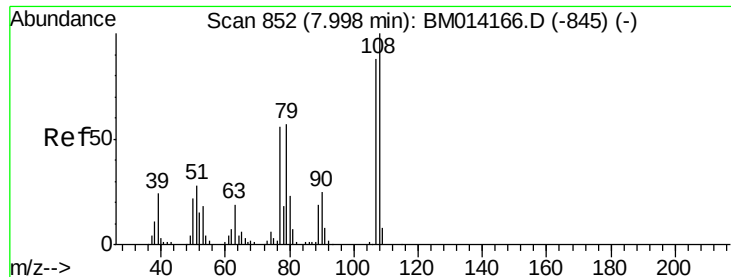
Ion Ratio Lower Upper

45 100

77 21.9 0.0 35.2

79 18.5 0.0 32.0

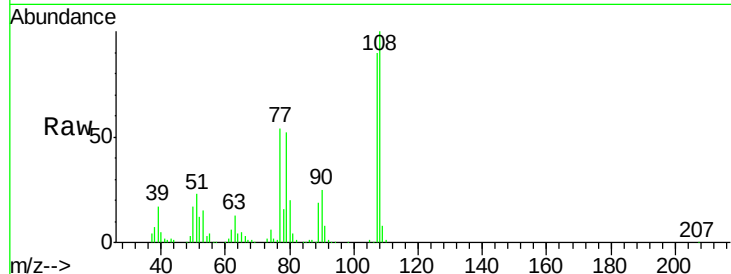




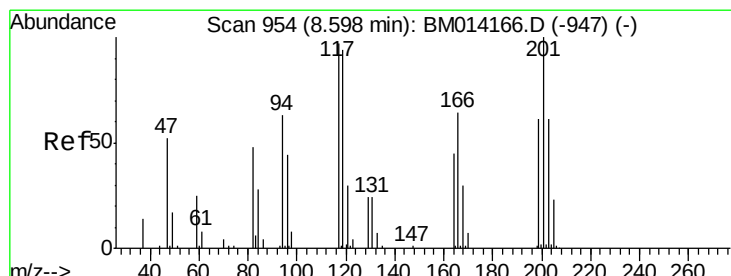
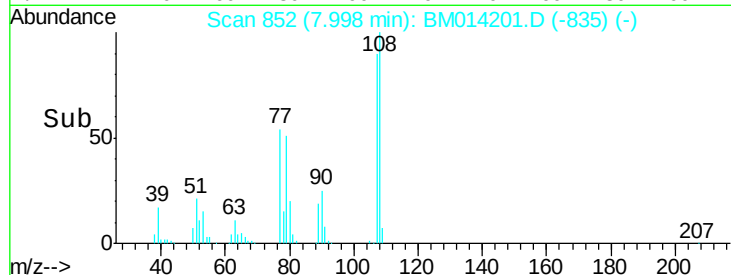
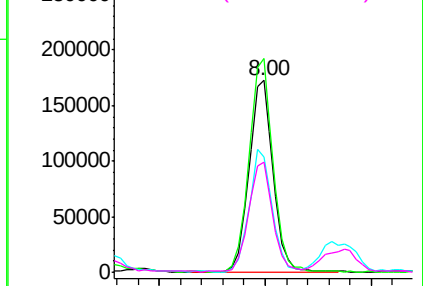
#17
2-Methylphenol
Concen: 37.31 ng
RT: 8.00 min Scan# 852
Delta R.T. -0.00 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.8	134.8
77	60.4	32.6	48.8
79	57.5	32.8	49.2

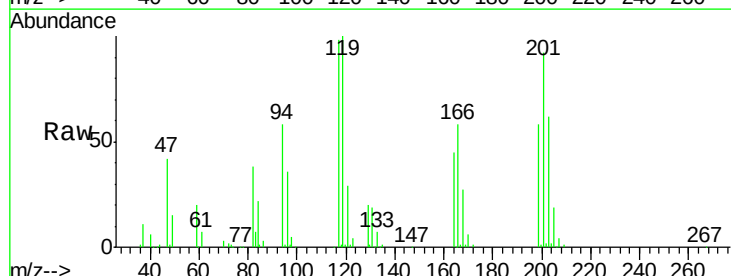


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

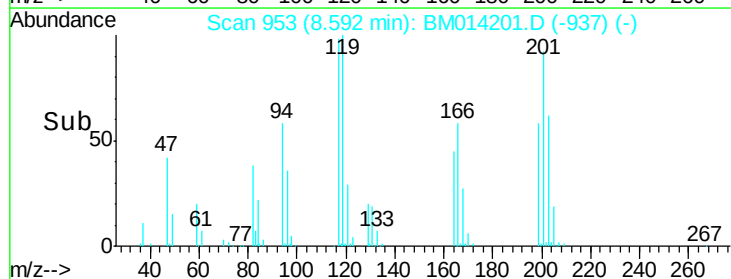
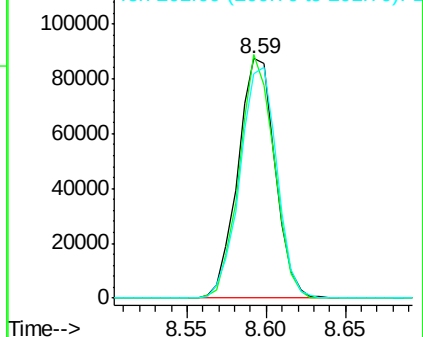


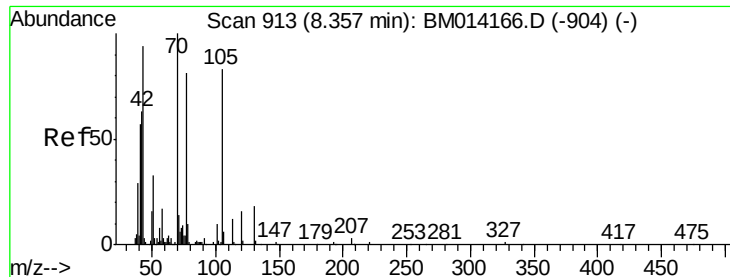
#18
Hexachloroethane
Concen: 33.63 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.7	79.2	118.8
201	93.6	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

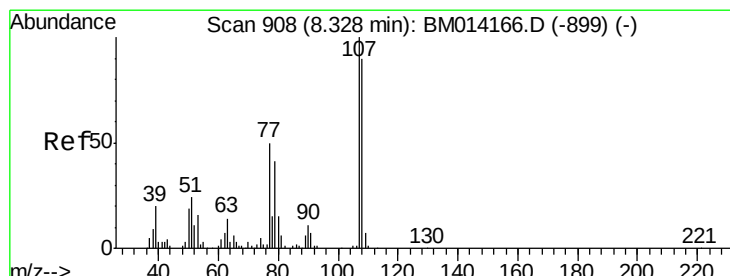
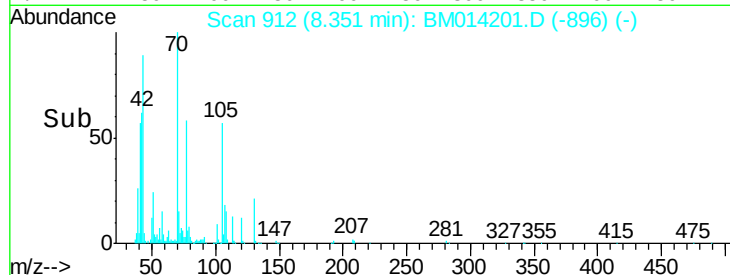
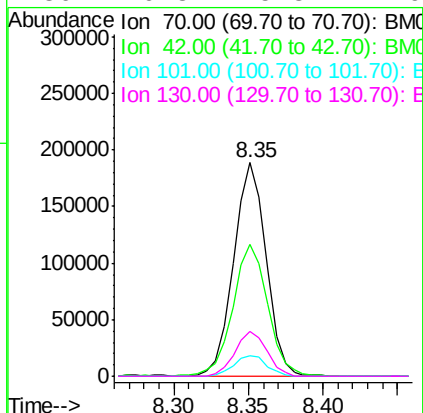
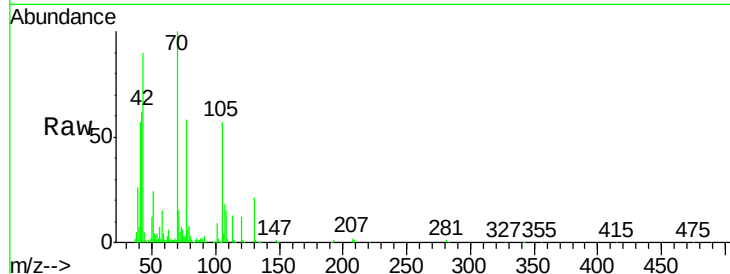




#19
n-Nitroso-di-n-propylamine
Concen: 34.29 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

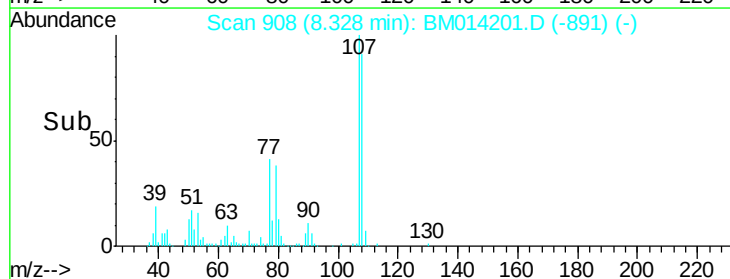
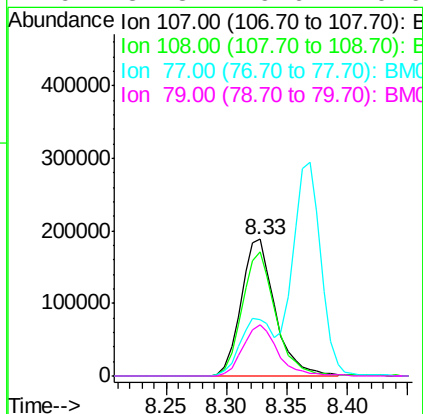
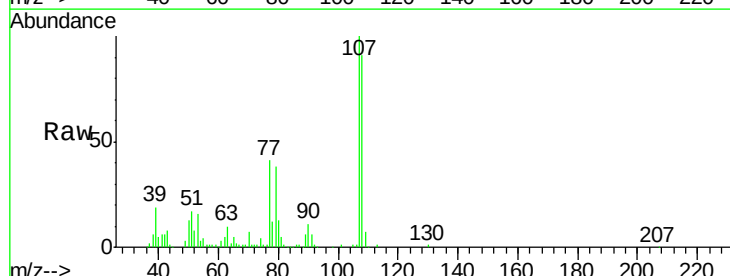
Instrument :
BNA_M
ClientSampled :

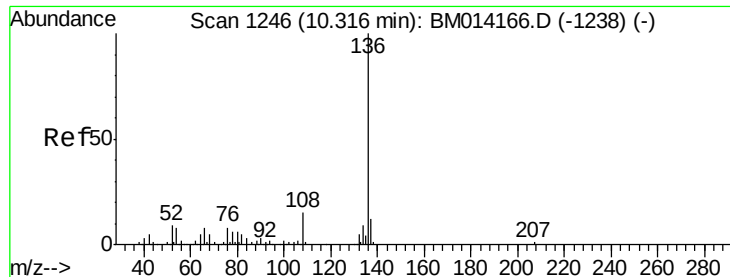
Tot Ion:	70	Resp:	287269
Ion	Ratio	Lower	Upper
70	100		
42	61.5	44.5	66.7
101	9.5	7.4	11.2
130	20.8	15.3	22.9



#20
3+4-Methylphenols
Concen: 34.62 ng
RT: 8.33 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion:	107	Resp:	368434
Ion	Ratio	Lower	Upper
107	100		
108	91.0	73.2	113.2
77	40.8	10.7	50.7
79	37.8	9.6	49.6

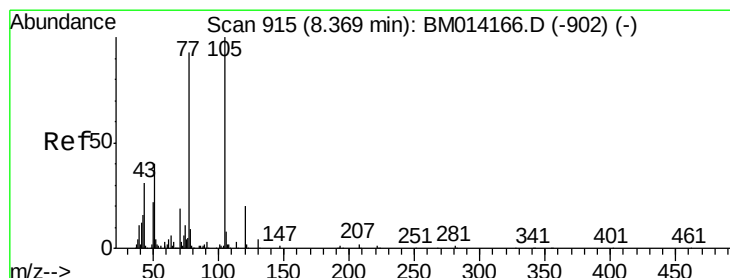
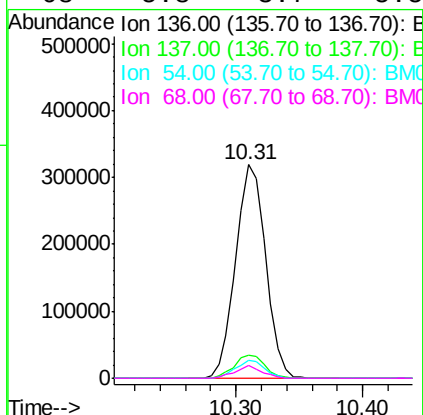
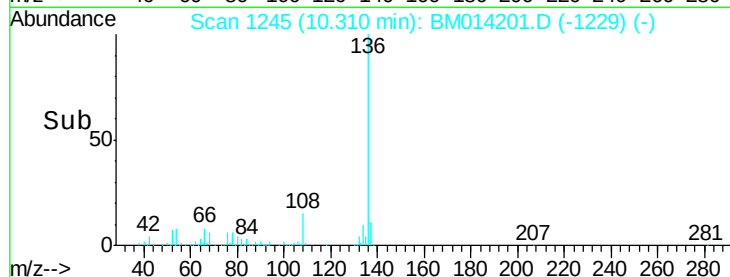
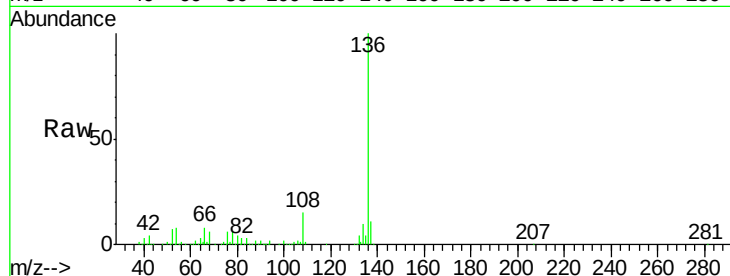




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

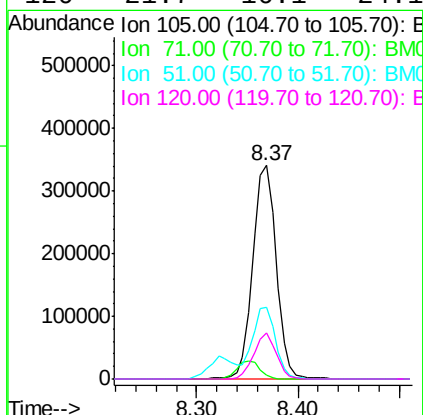
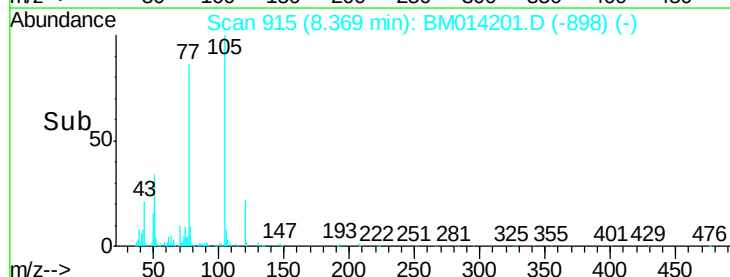
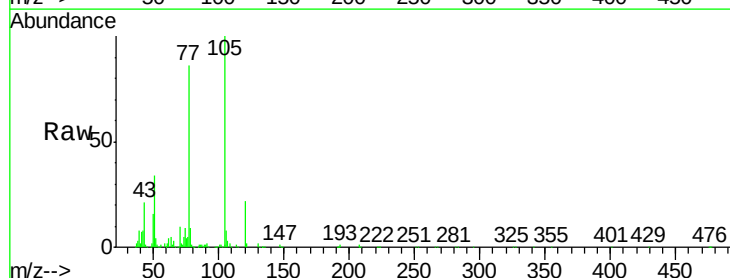
Instrument :
BNA_M
ClientSampled :

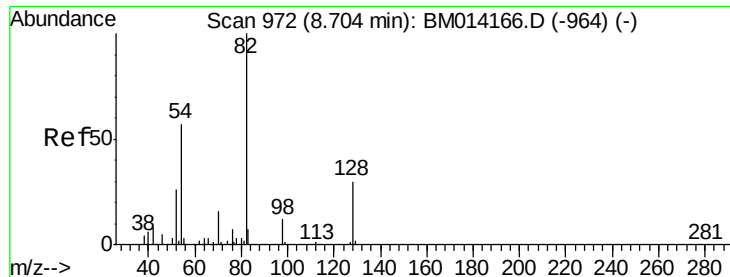
Tot Ion:136	Resp:	524667
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	8.4	4.6 6.8#
68	5.8	3.7 5.5#



#22
Acetophenone
Concen: 36.68 ng
RT: 8.37 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion:105	Resp:	553331
Ion	Ratio	Lower Upper
105	100	
71	1.7	0.6 1.0#
51	33.9	21.6 32.4#
120	21.7	16.1 24.1

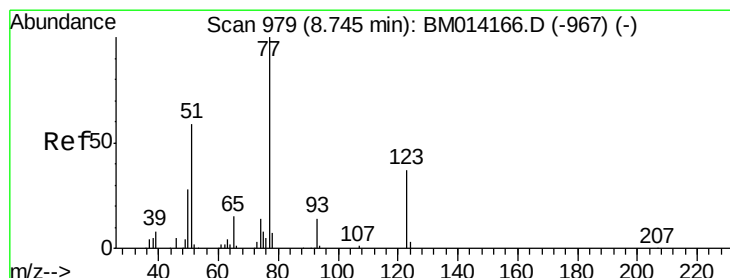
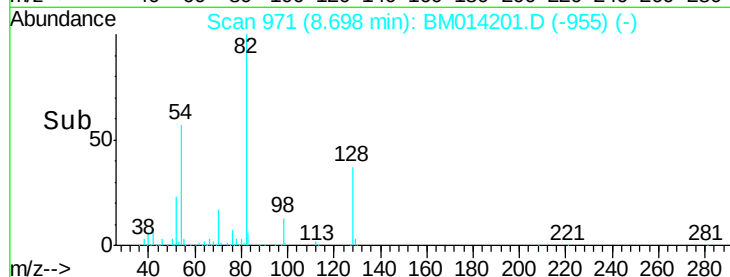
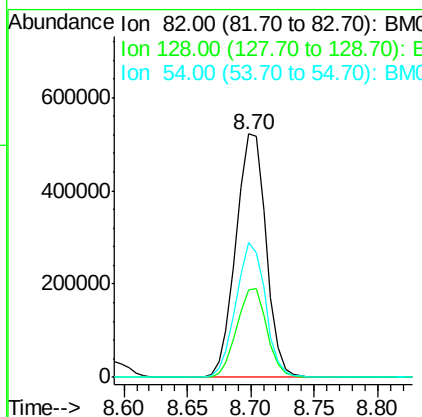
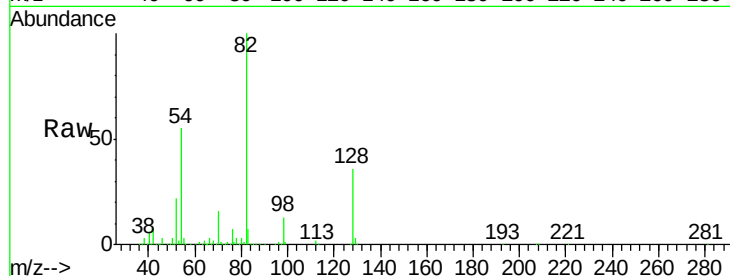




#23
 Nitrobenzene-d5
 Concen: 73.58 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

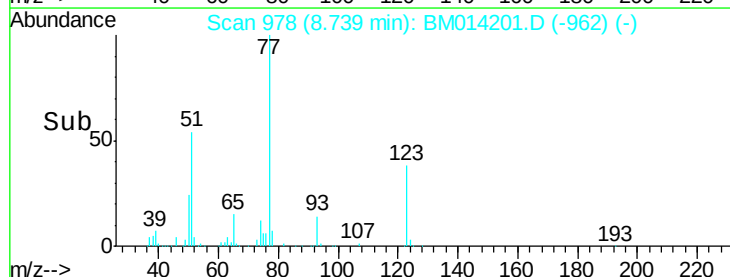
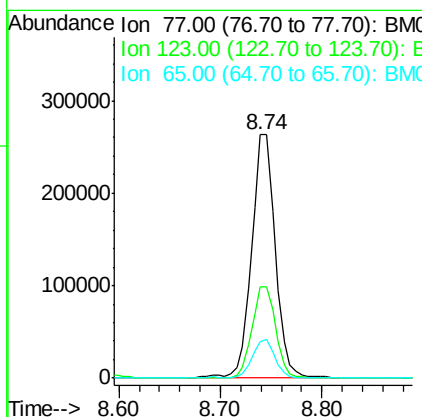
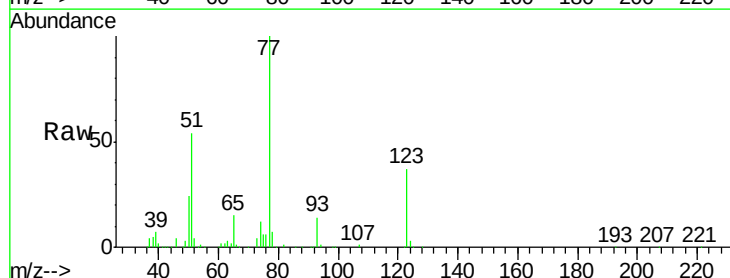
Instrument :
 BNA_M
 ClientSampleId :

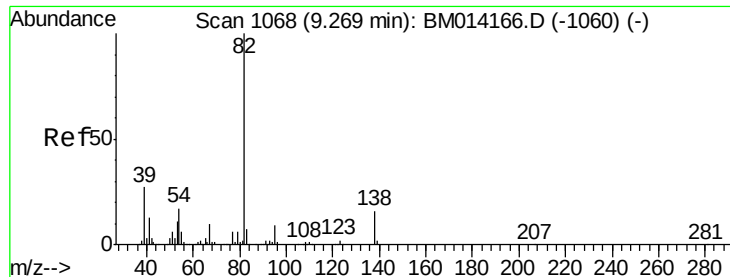
Tot Ion	82	Resp	864317
Ion Ratio	Lower	Upper	
82	100		
128	36.0	32.8	49.2
54	55.3	40.6	60.8



#24
 Nitrobenzene
 Concen: 35.54 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Tgt Ion	77	Resp	429834
Ion Ratio	Lower	Upper	
77	100		
123	37.5	32.6	49.0
65	14.7	10.9	16.3





#25

Isophorone

Concen: 37.98 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

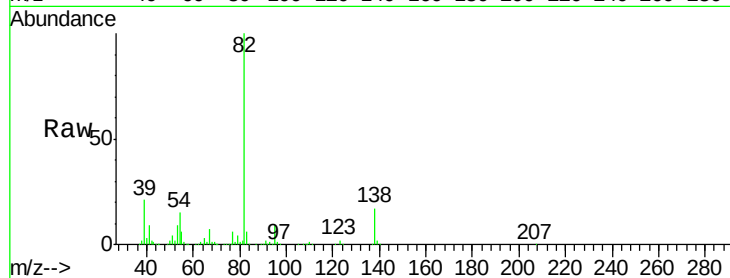
Tot Ion: 82 Resp: 738954

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.6#

138 17.0 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM014201.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM014201.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM014201.D (-1060) (-)

9.26

400000

300000

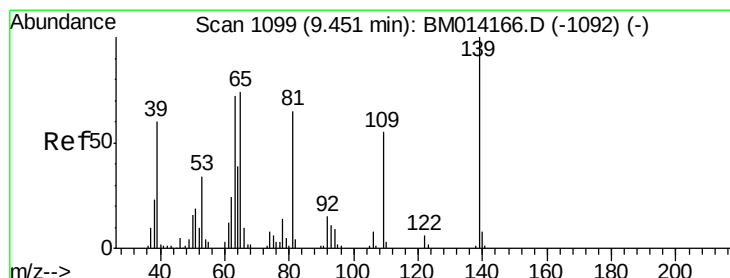
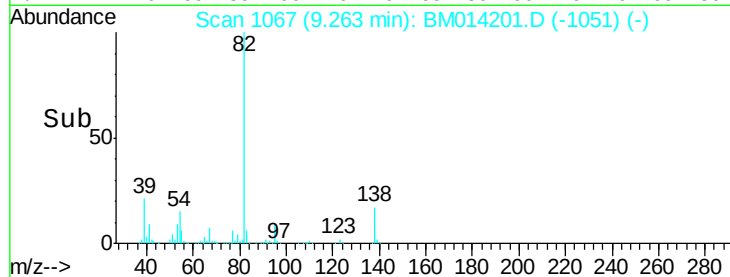
200000

100000

0

9.15 9.20 9.25 9.30 9.35

Time-->



#26

2-Nitrophenol

Concen: 17.62 ng

RT: 9.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

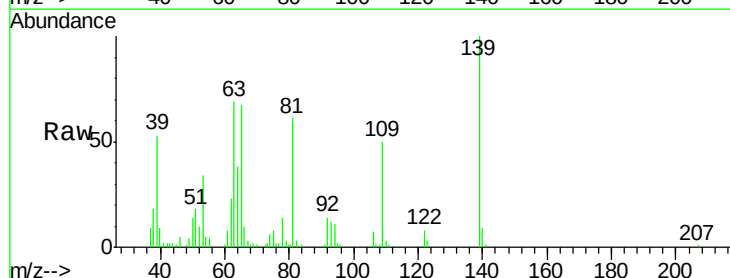
Tgt Ion: 139 Resp: 80378

Ion Ratio Lower Upper

139 100

109 50.3 20.1 30.1#

65 66.8 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): BM014201.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM014201.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM014201.D (-1092) (-)

9.45

60000

50000

40000

30000

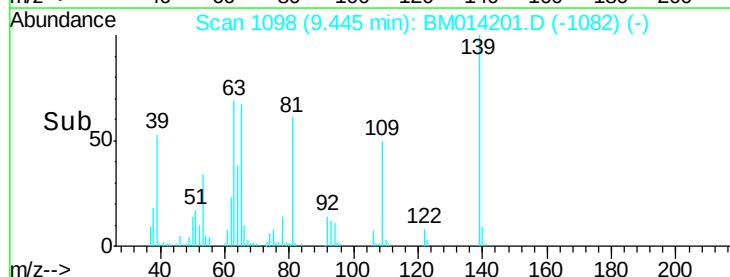
20000

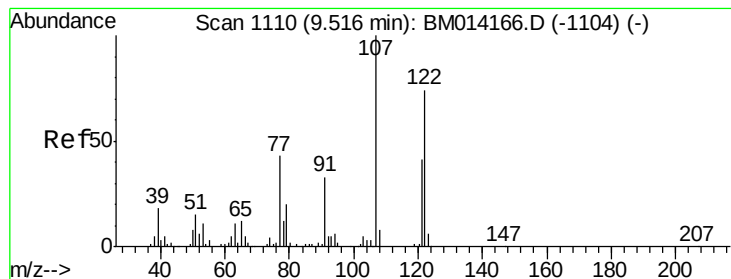
10000

0

9.35 9.40 9.45 9.50 9.55

Time-->





#27

2,4-Dimethylphenol

Concen: 45.41 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

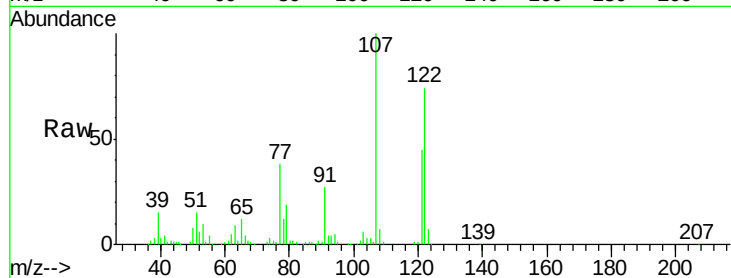
Tot Ion:122 Resp: 315765

Ion Ratio Lower Upper

122 100

107 134.5 84.7 127.1#

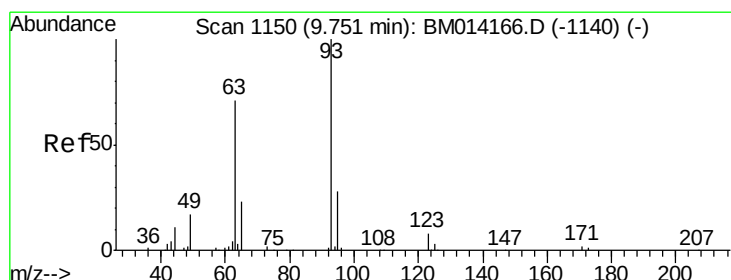
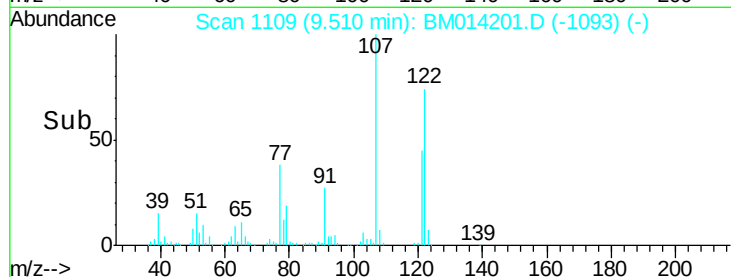
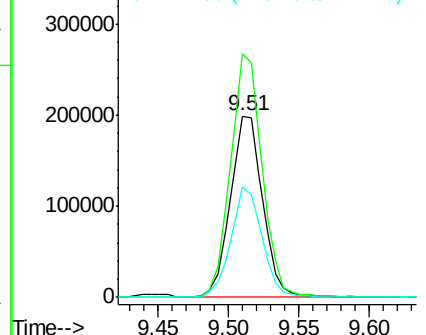
121 61.1 46.6 69.8



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: 41.61 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

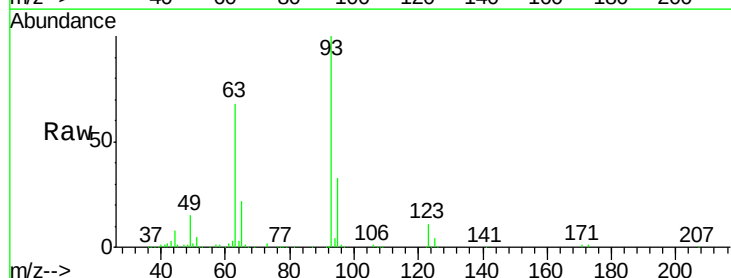
Tgt Ion: 93 Resp: 415248

Ion Ratio Lower Upper

93 100

95 33.5 25.5 38.3

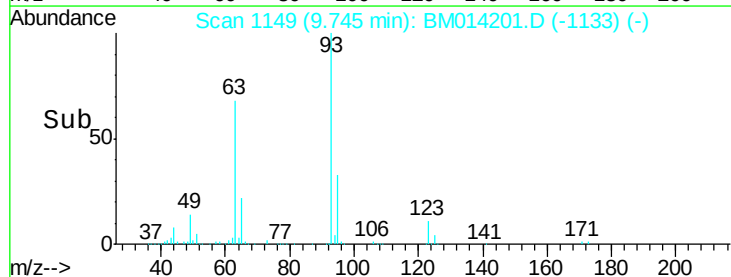
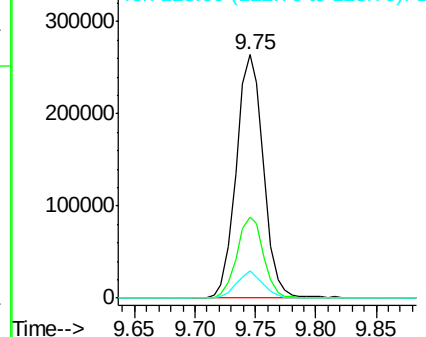
123 11.3 8.6 13.0

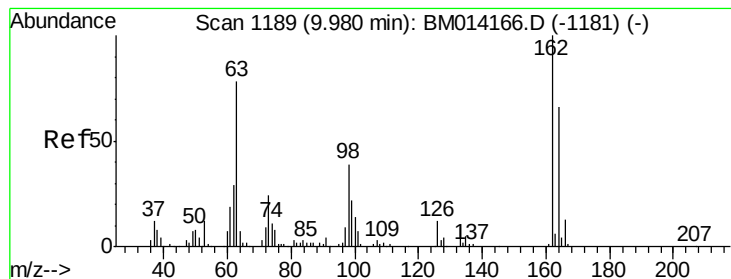


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 21.91 ng

RT: 9.98 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampled :

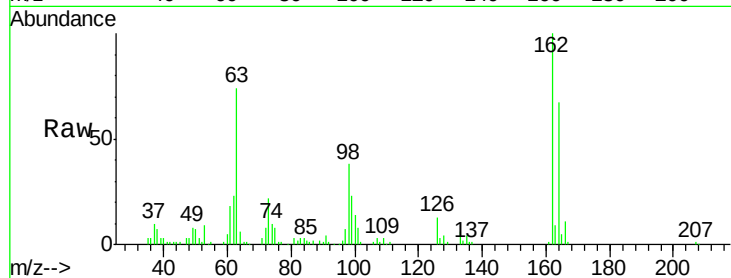
Tot Ion:162 Resp: 170230

Ion Ratio Lower Upper

162 100

164 66.9 42.8 82.8

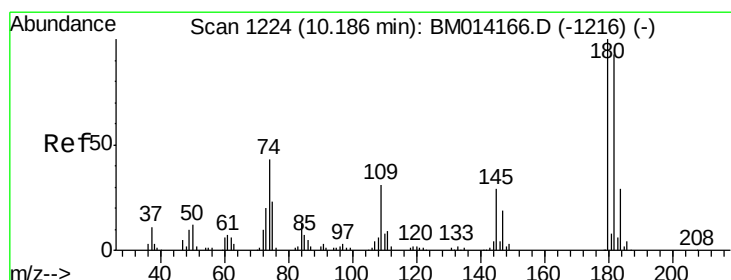
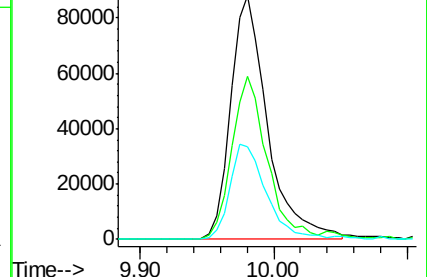
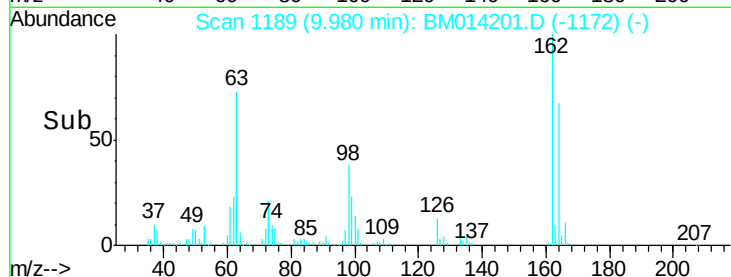
98 38.0 14.5 54.5



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: 34.28 ng

RT: 10.18 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

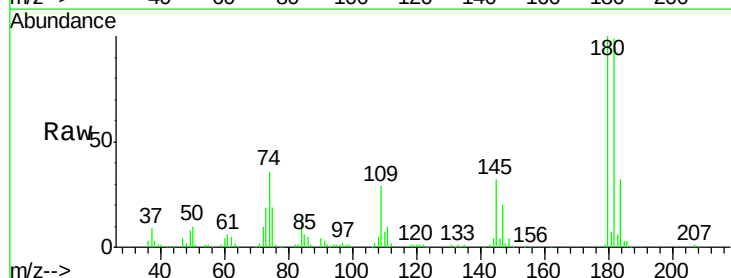
Tgt Ion:180 Resp: 351106

Ion Ratio Lower Upper

180 100

182 99.4 77.6 116.4

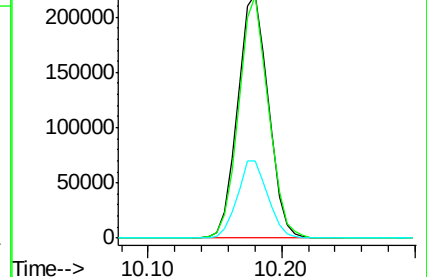
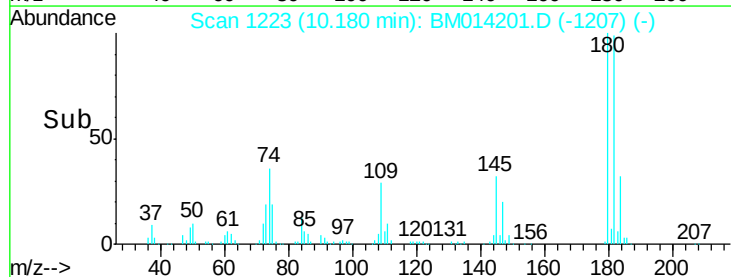
145 31.8 23.4 35.2

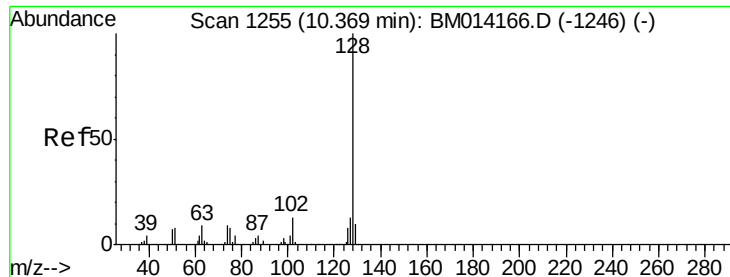


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

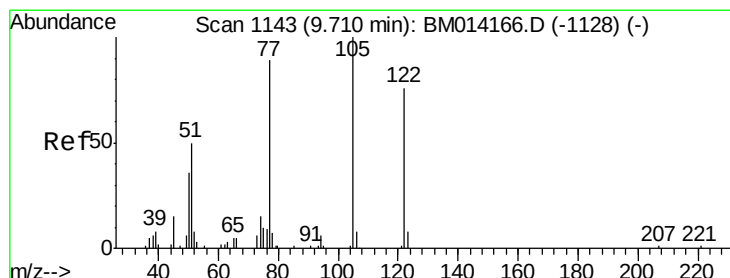
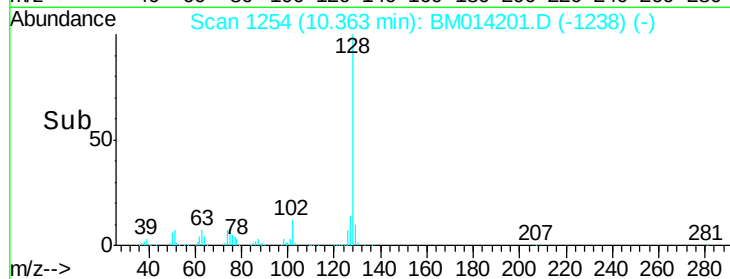
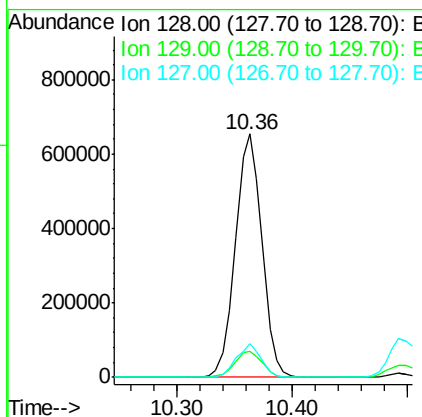
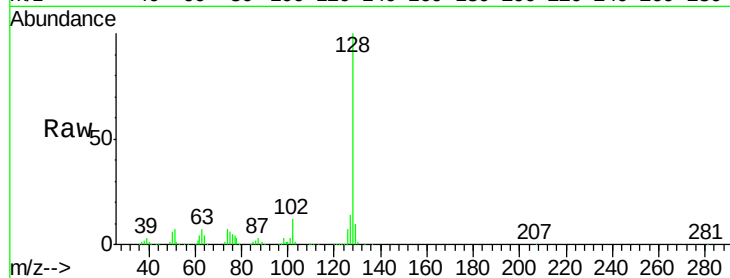




#31
Naphthalene
Concen: 36.17 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

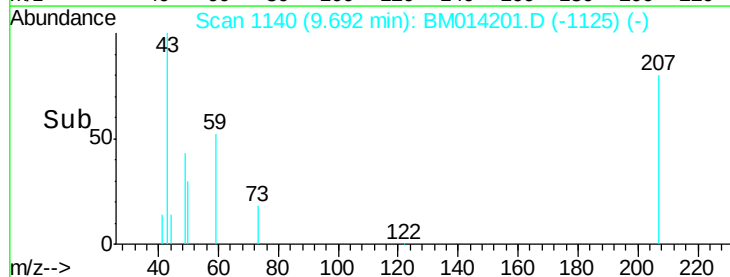
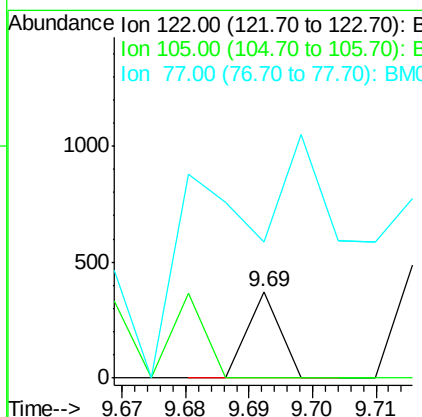
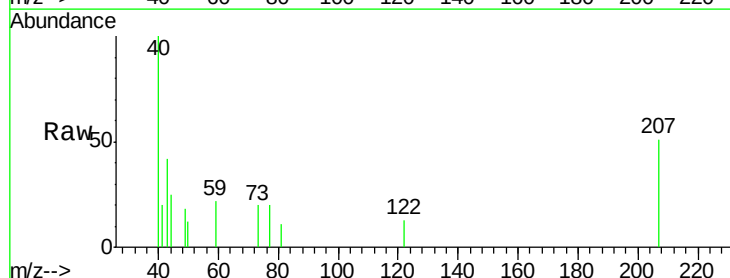
Instrument :
BNA_M
ClientSampleId :

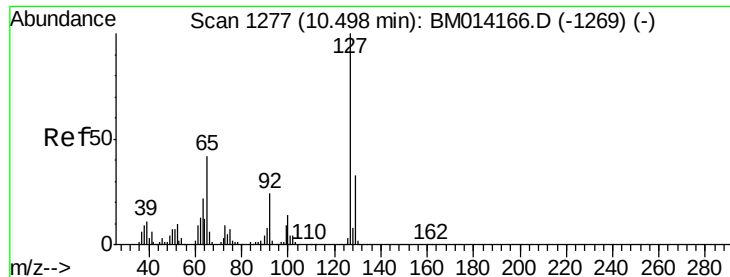
Tot Ion:128 Resp: 1039198
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 13.8 10.4 15.6



#32
Benzoic acid
Concen: 6.20 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion:122 Resp: 132
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 156.7 73.7 113.7#

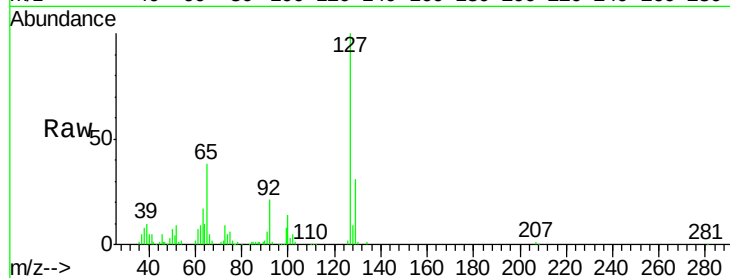




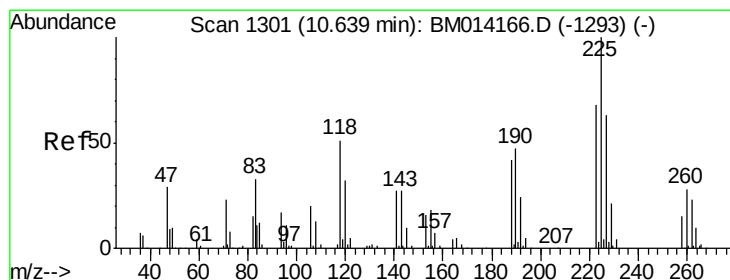
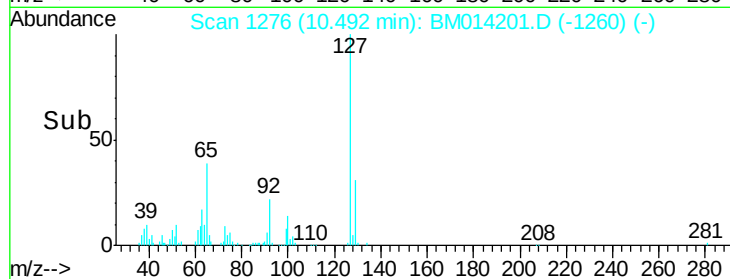
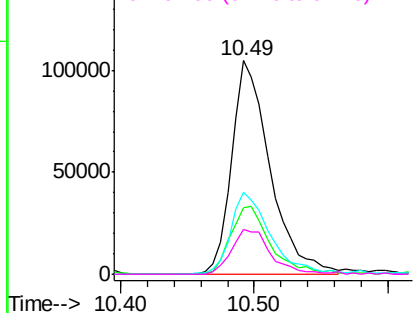
#33
4-Chloroaniline
Concen: 17.60 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	210116
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.3	37.9
65	38.1	17.6	26.4
92	21.3	13.1	19.7

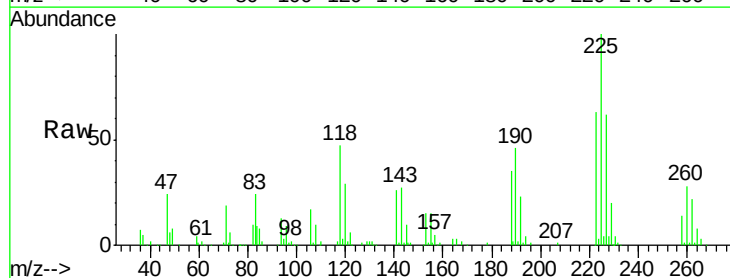


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

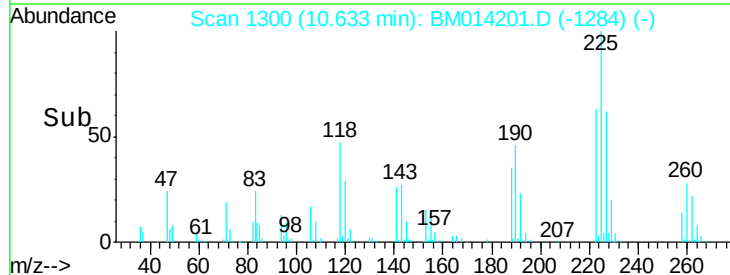
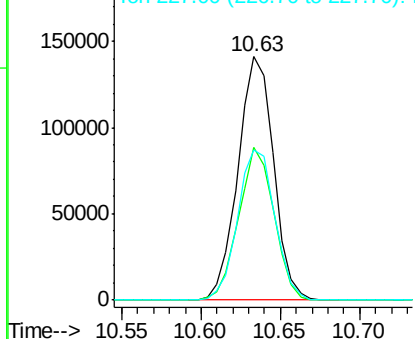


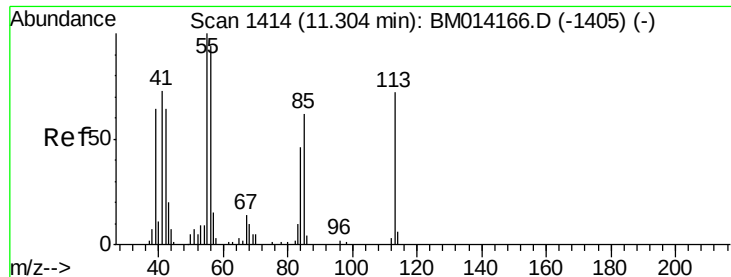
#34
Hexachlorobutadiene
Concen: 31.24 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion:	225	Resp:	219525
Ion	Ratio	Lower	Upper
225	100		
223	63.0	47.9	71.9
227	61.7	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

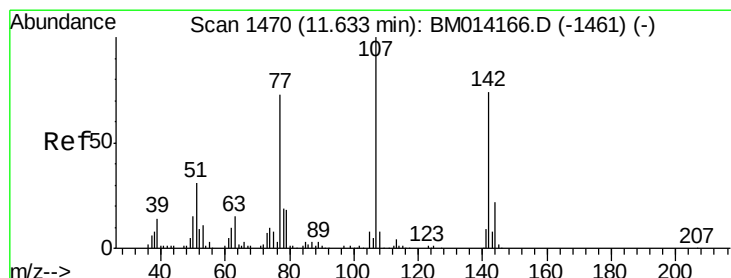
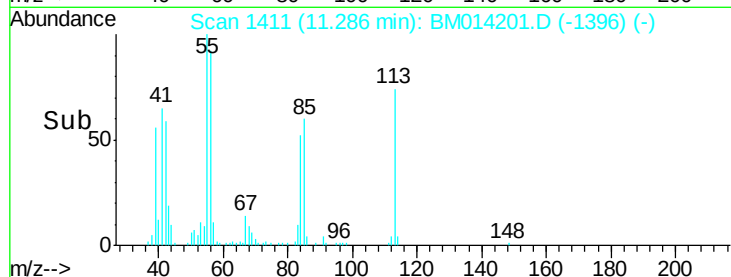
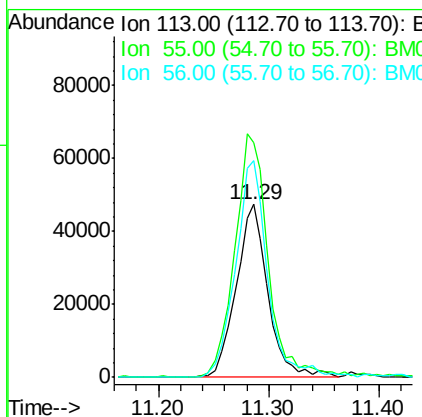
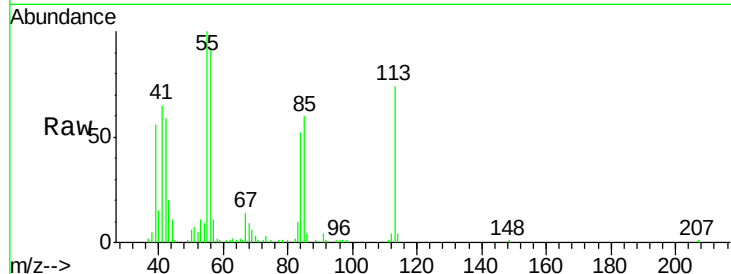




#35
 Caprolactam
 Concen: 34.51 ng
 RT: 11.29 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

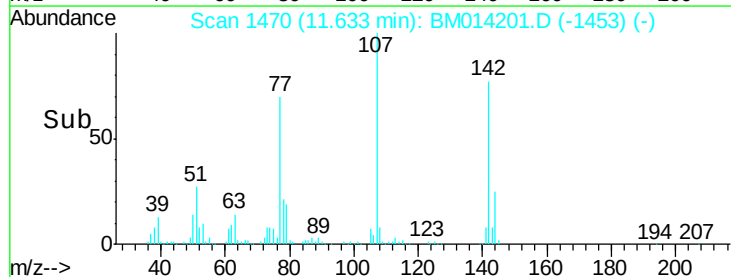
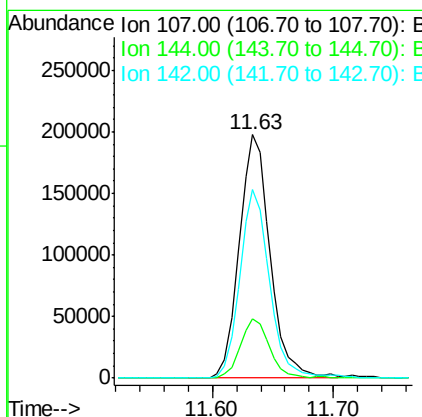
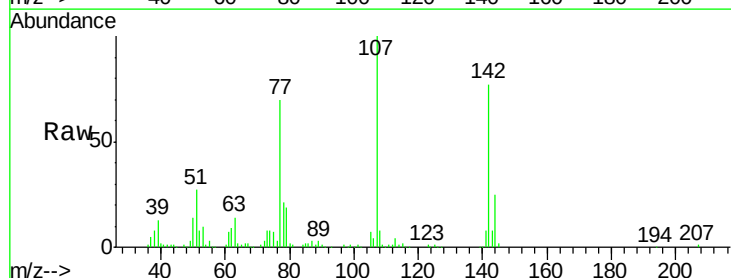
Instrument :
 BNA_M
 ClientSampleId :

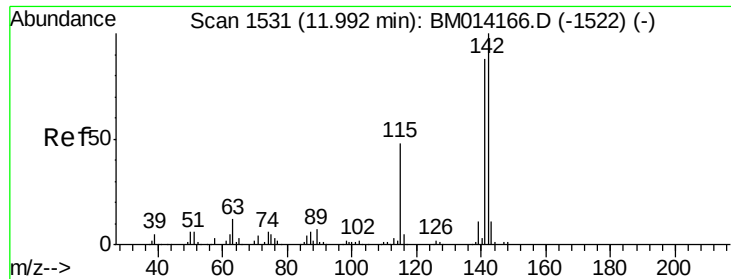
Tot Ion:113 Resp: 95898
 Ion Ratio Lower Upper
 113 100
 55 136.0 145.9 185.9#
 56 125.2 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.58 ng
 RT: 11.63 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Tgt Ion:107 Resp: 352165
 Ion Ratio Lower Upper
 107 100
 144 24.6 23.3 34.9
 142 77.5 72.6 109.0

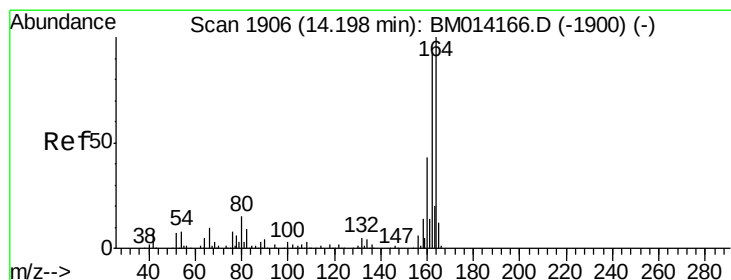
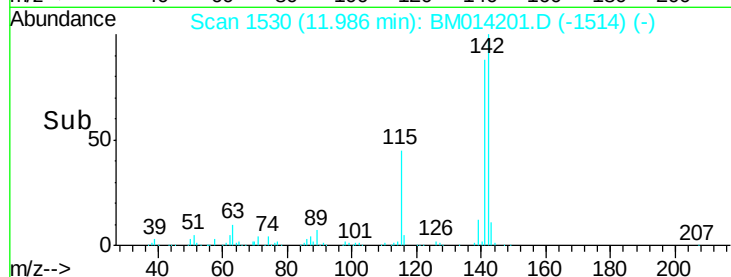
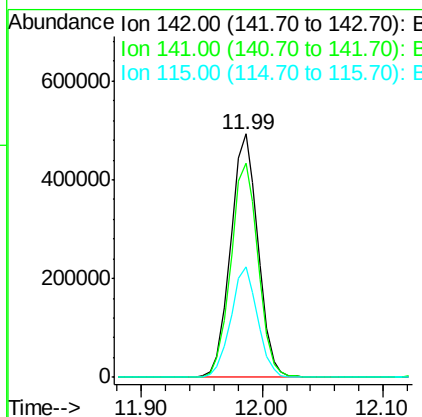
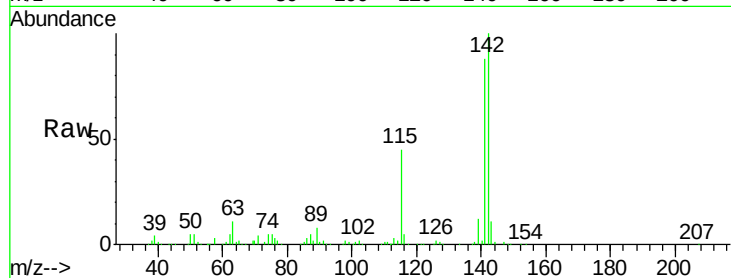




#37
2-Methylnaphthalene
Concen: 36.00 ng
RT: 11.99 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

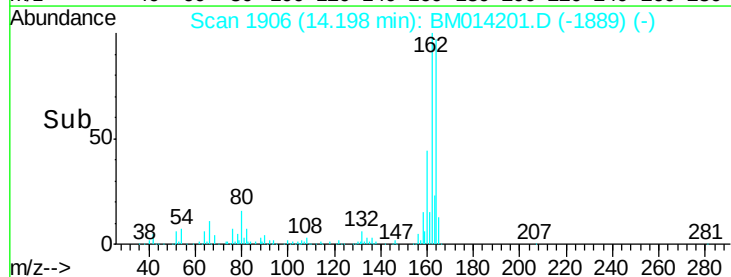
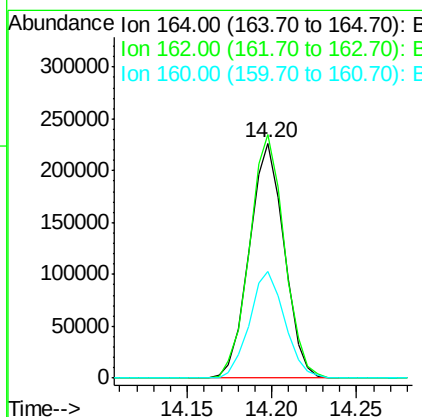
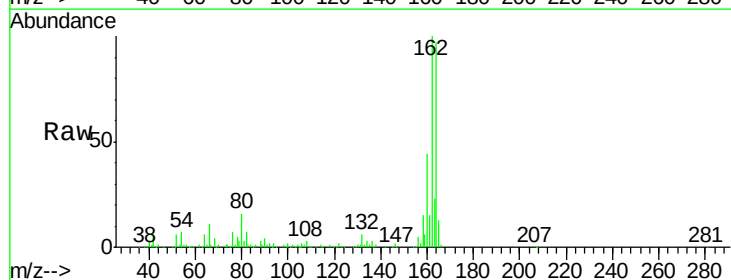
Instrument :
BNA_M
ClientSampleId :

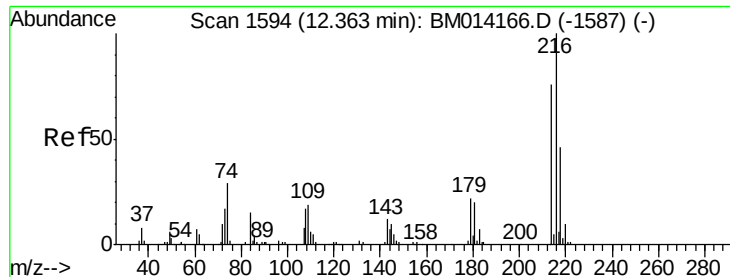
Tot Ion:142 Resp: 778925
Ion Ratio Lower Upper
142 100
141 87.9 71.9 107.9
115 45.4 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion:164 Resp: 325480
Ion Ratio Lower Upper
164 100
162 103.5 82.4 123.6
160 45.1 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.27 ng

RT: 12.36 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 425034

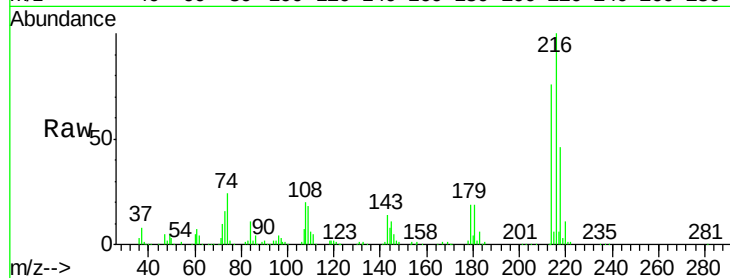
Ion Ratio Lower Upper

216 100

214 78.7 0.0 0.0#

179 20.6 0.0 0.0#

108 19.4 0.0 0.0#

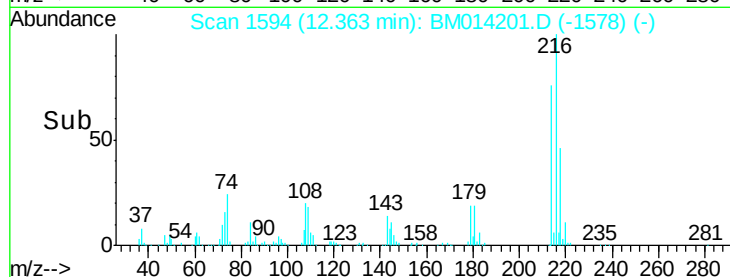


Abundance Ion 216.00 (215.70 to 216.70): E

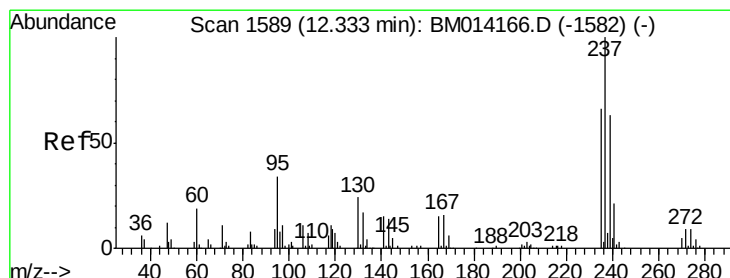
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 59.87 ng

RT: 12.33 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

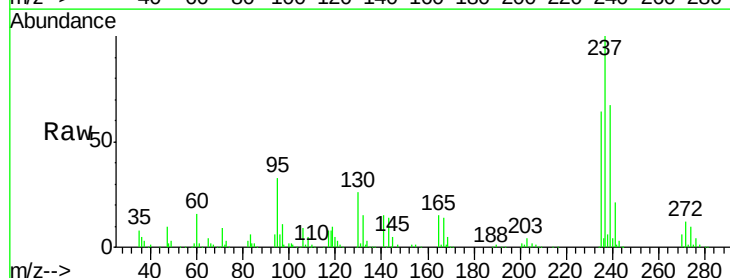
Tgt Ion:237 Resp: 388900

Ion Ratio Lower Upper

237 100

235 64.4 42.0 82.0

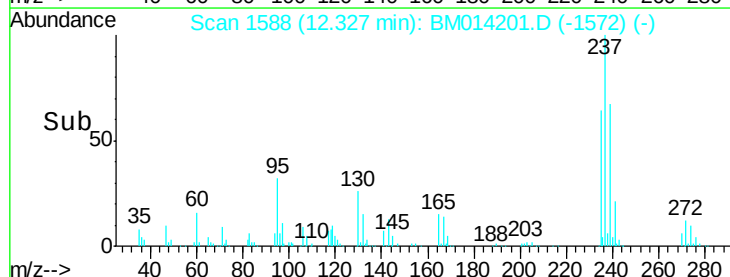
272 12.3 0.0 33.4



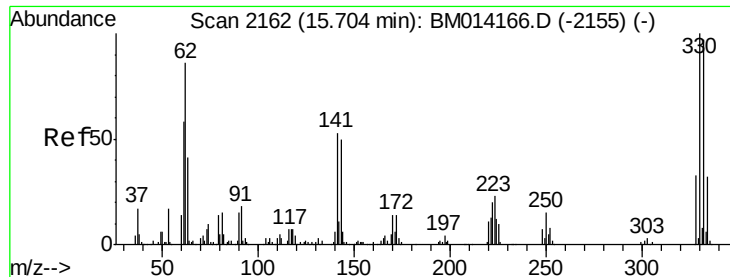
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 35.04 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampled :

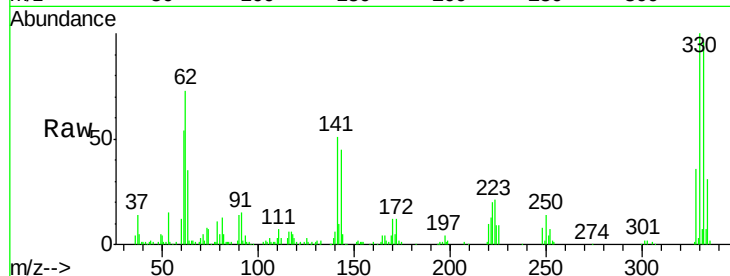
Tot Ion:330 Resp: 161829

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

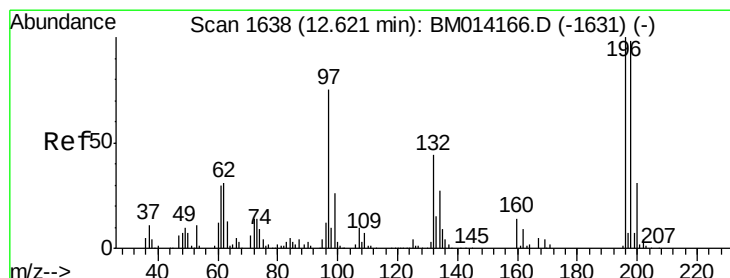
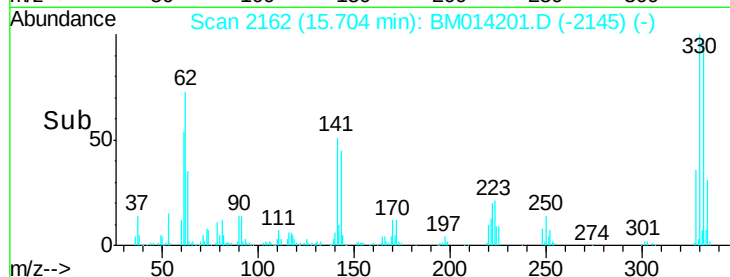
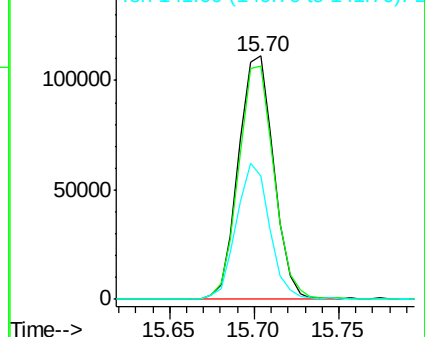
141 52.8 0.0 0.0#



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: 15.02 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

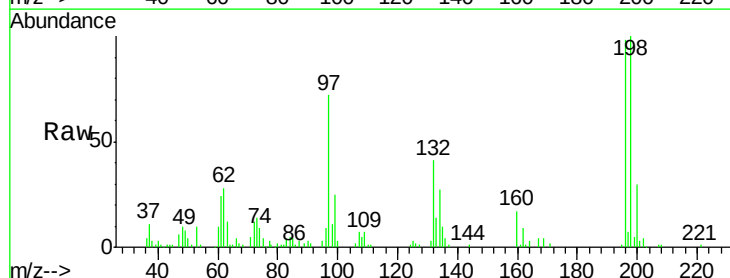
Tgt Ion:196 Resp: 100609

Ion Ratio Lower Upper

196 100

198 101.9 76.3 114.5

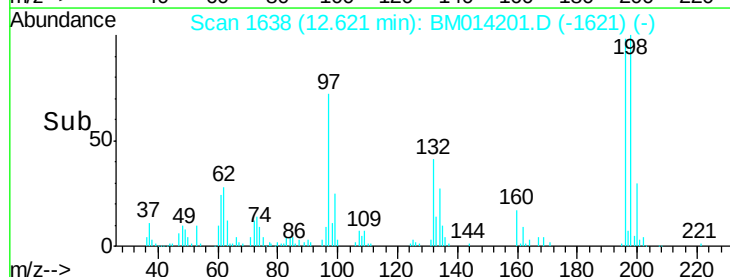
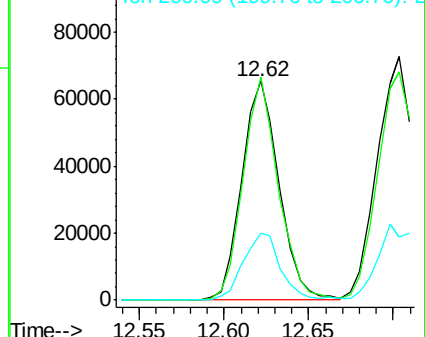
200 30.4 25.6 38.4

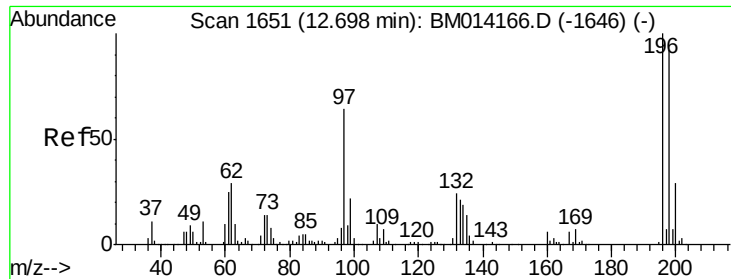


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

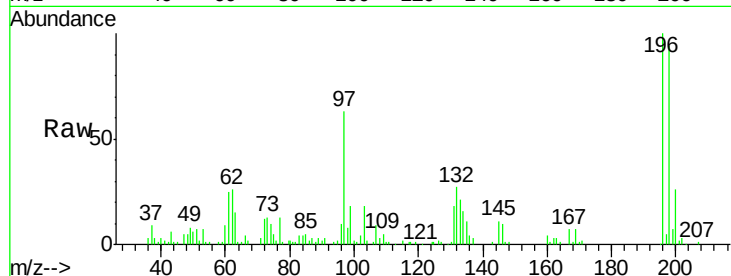




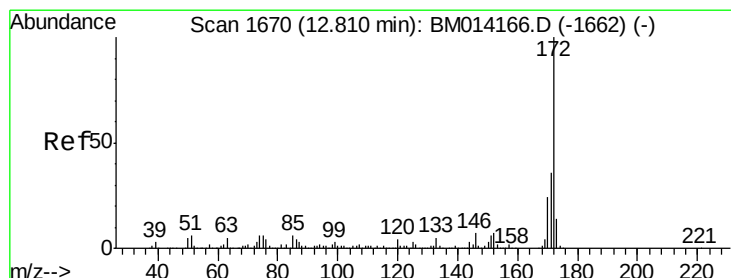
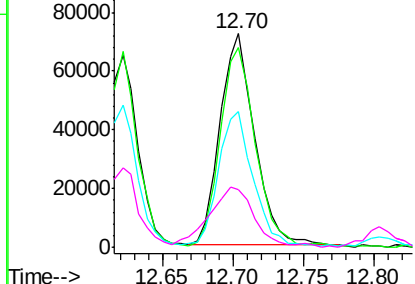
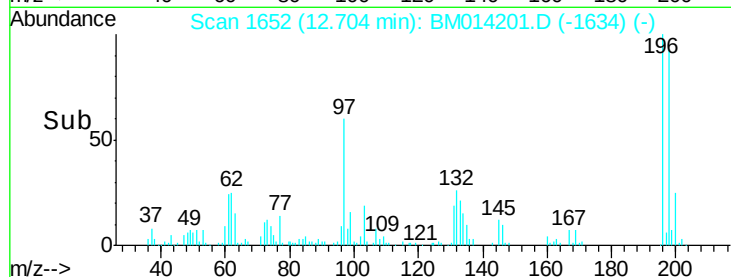
#43
 2,4,5-Trichlorophenol
 Concen: 16.70 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. 0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	196	Resp:	123524
Ion	Ratio	Lower	Upper
196	100		
198	93.7	79.4	119.0
97	63.3	26.8	40.2
132	27.1	18.6	28.0

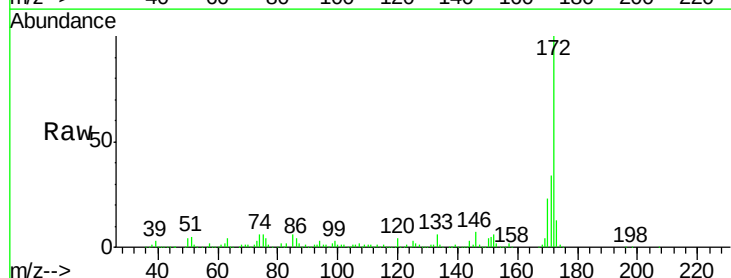


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

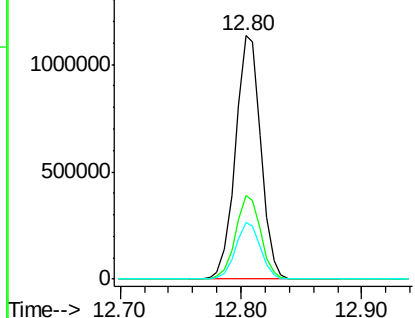
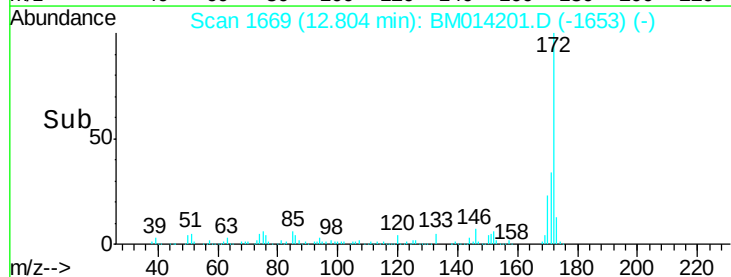


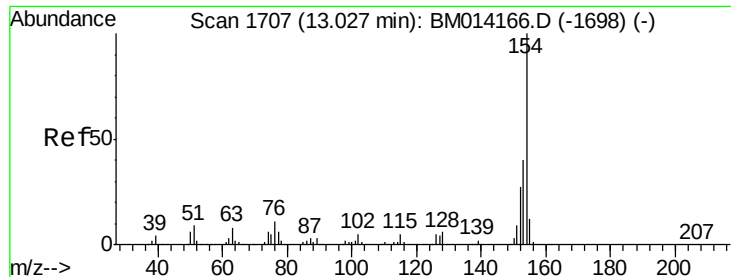
#44
 2-Fluorobiphenyl
 Concen: 63.48 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Tgt Ion:	172	Resp:	1655039
Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	23.3	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: 36.32 ng

RT: 13.02 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampled :

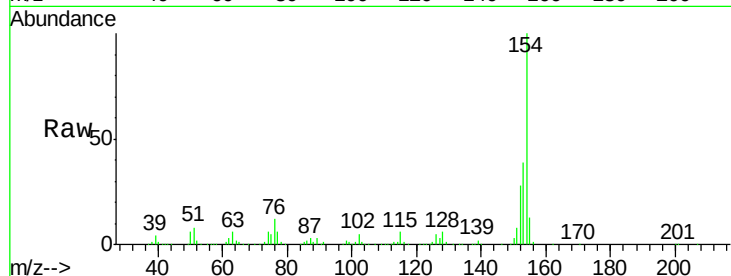
Tot Ion:154 Resp: 1023884

Ion Ratio Lower Upper

154 100

153 39.2 20.7 60.7

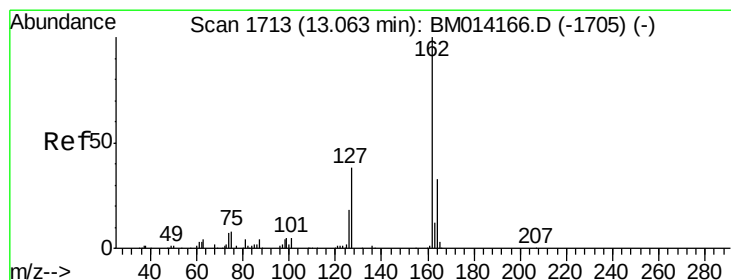
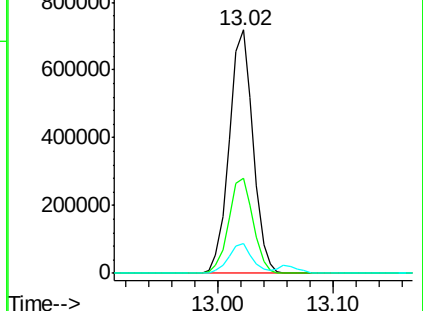
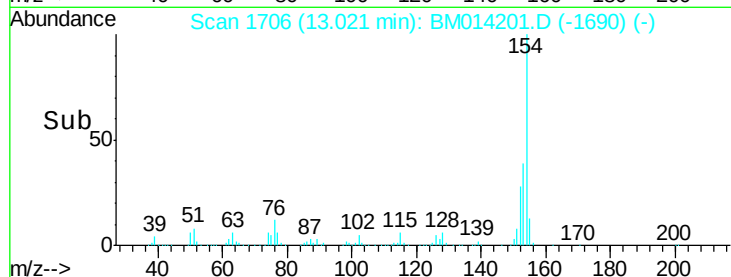
76 12.1 0.0 30.9



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: 36.87 ng

RT: 13.06 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

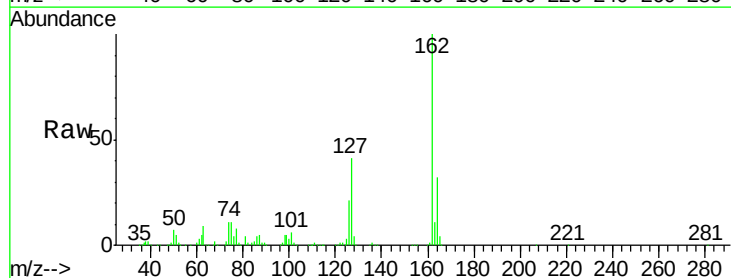
Tgt Ion:162 Resp: 789054

Ion Ratio Lower Upper

162 100

127 40.8 26.9 40.3#

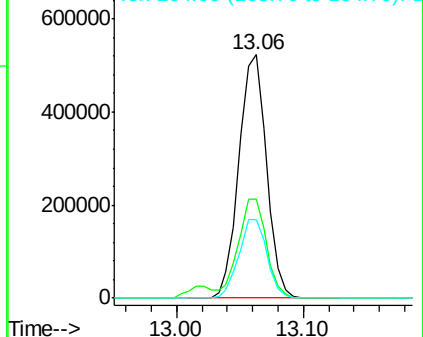
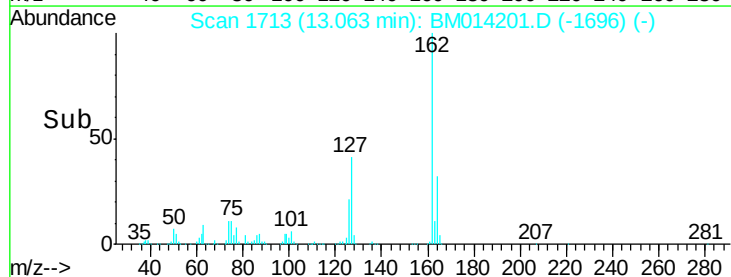
164 32.3 26.8 40.2

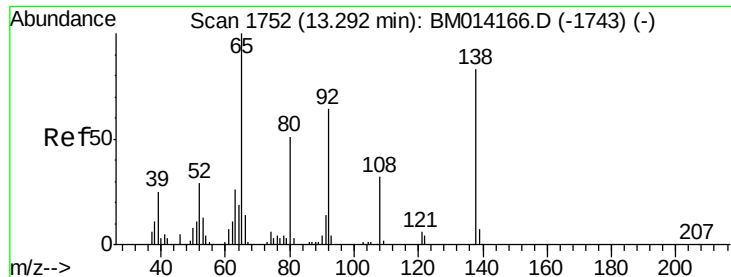


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

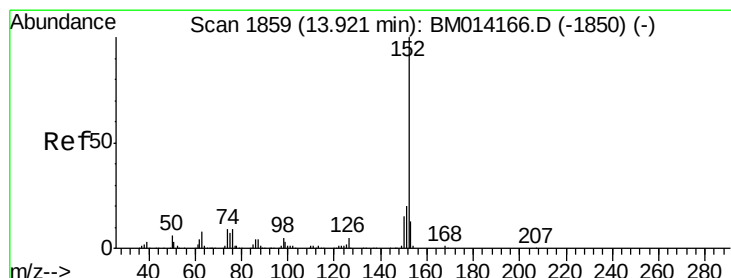
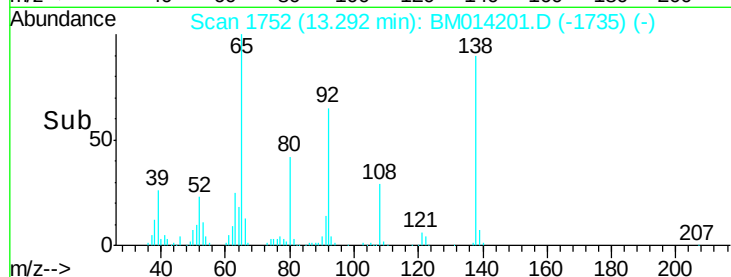
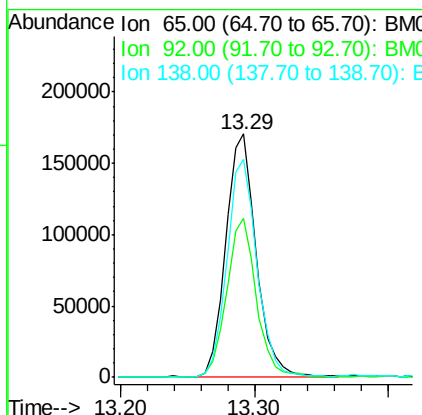
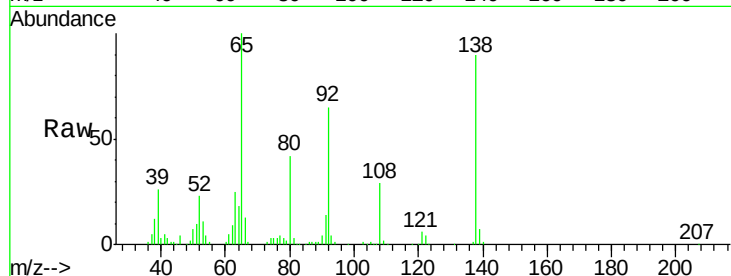




#47
2-Nitroaniline
Concen: 34.36 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

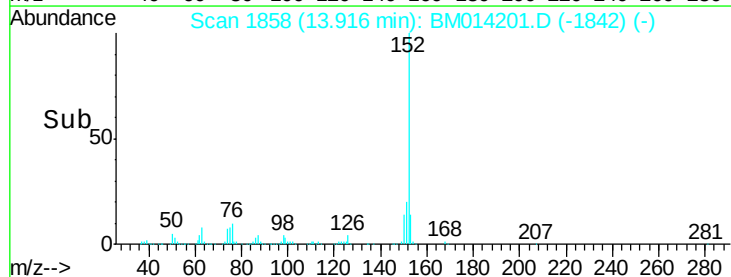
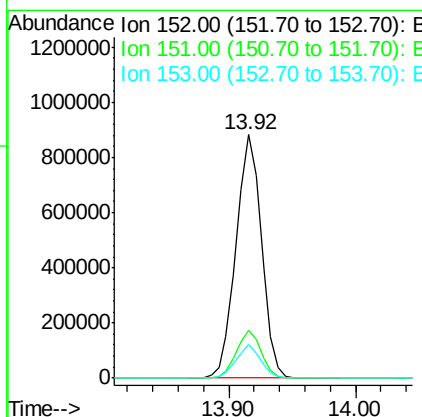
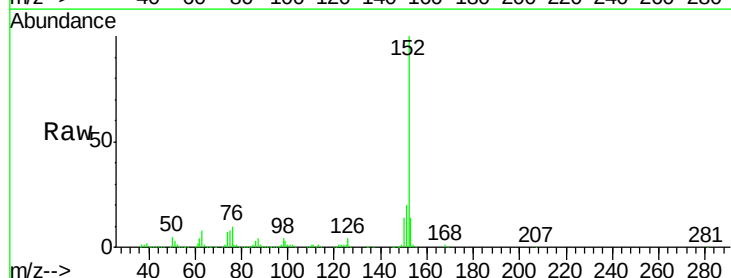
Instrument :
BNA_M
ClientSampled :

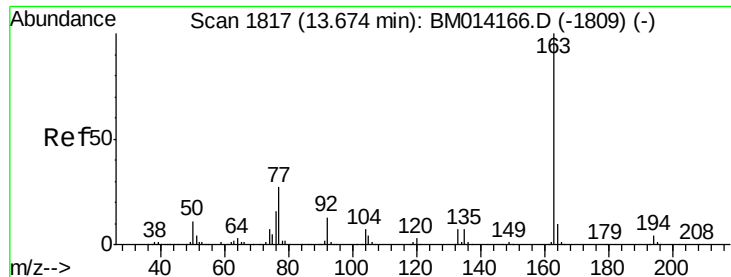
Tot Ion: 65 Resp: 270629
Ion Ratio Lower Upper
65 100
92 65.3 59.1 88.7
138 89.8 93.9 140.9#



#48
Acenaphthylene
Concen: 34.94 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion: 152 Resp: 1226129
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.7 10.6 16.0





#49

Dimethylphthalate

Concen: 37.88 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

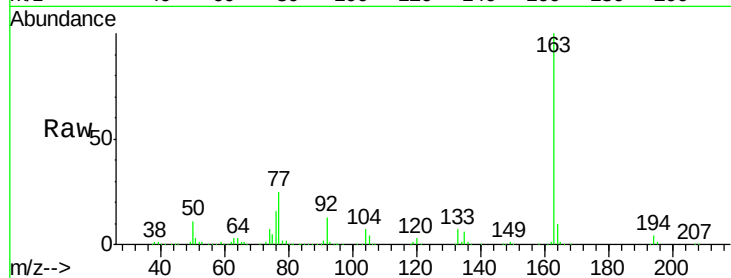
Tot Ion:163 Resp: 1103606

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

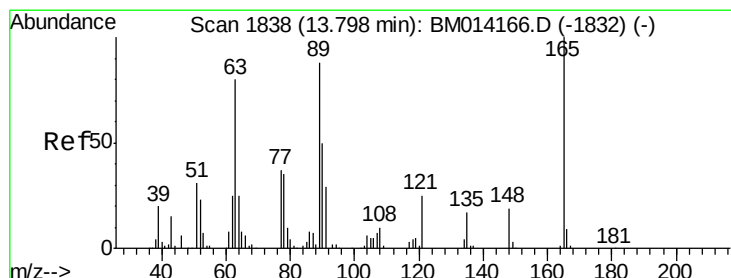
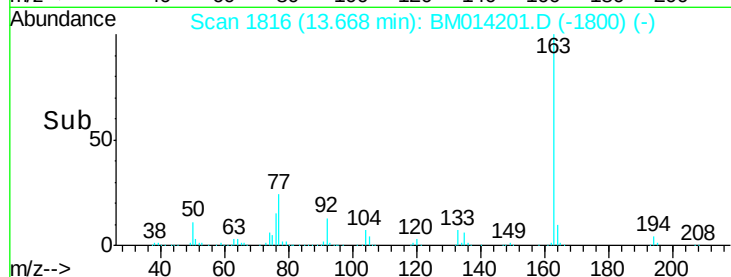
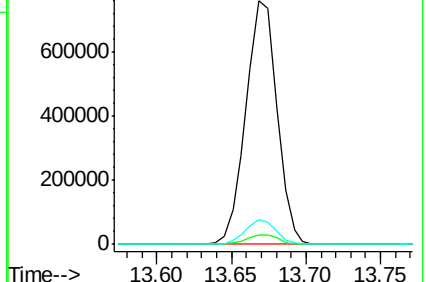
164 10.2 8.2 12.2



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: 35.67 ng

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

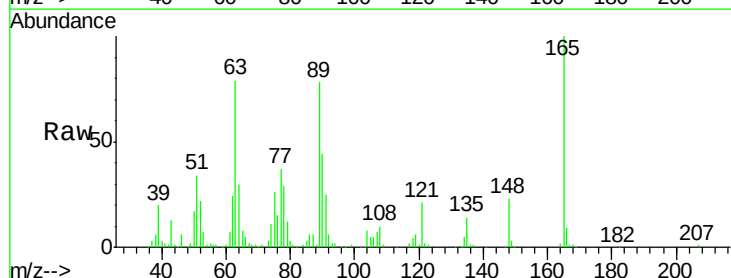
Tgt Ion:165 Resp: 213297

Ion Ratio Lower Upper

165 100

63 78.9 44.1 66.1#

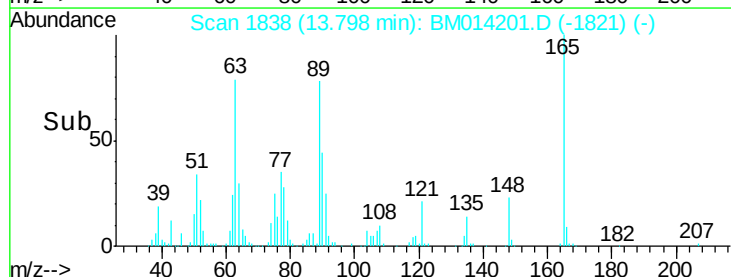
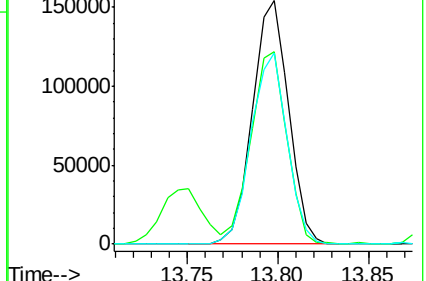
89 78.3 44.3 66.5#

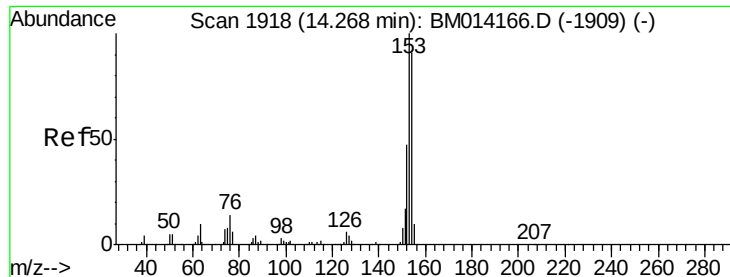


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 33.87 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

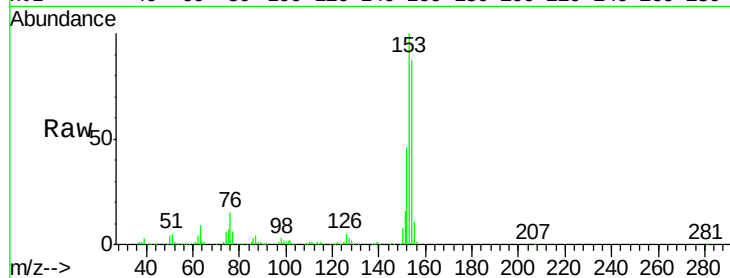
Tot Ion:154 Resp: 732690

Ion Ratio Lower Upper

154 100

153 114.9 90.0 135.0

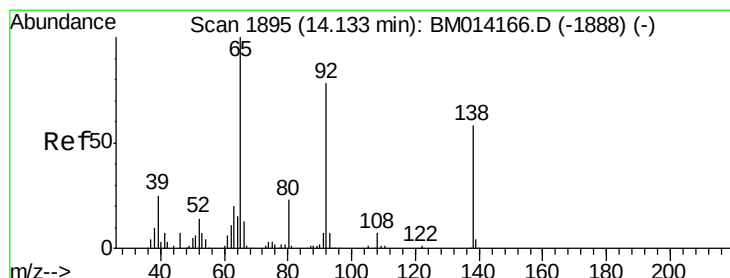
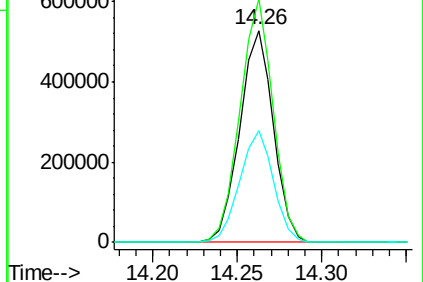
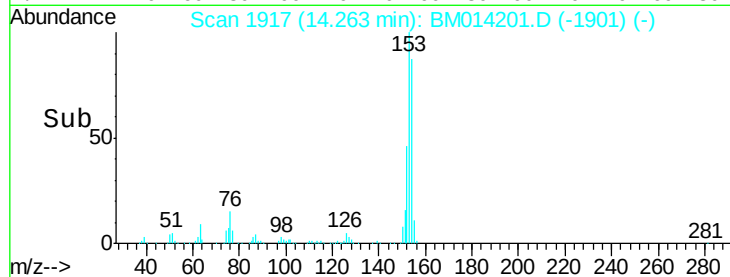
152 52.6 42.6 63.8



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: 27.09 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

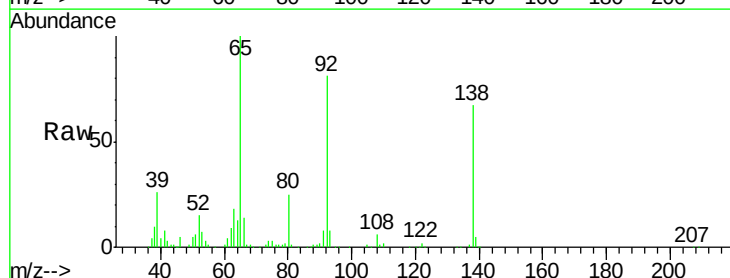
Tgt Ion:138 Resp: 167523

Ion Ratio Lower Upper

138 100

108 9.7 7.3 10.9

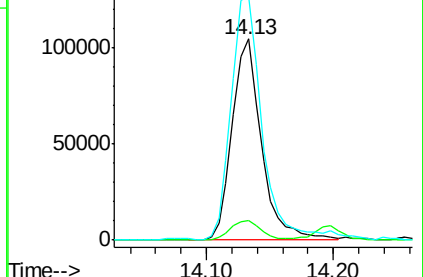
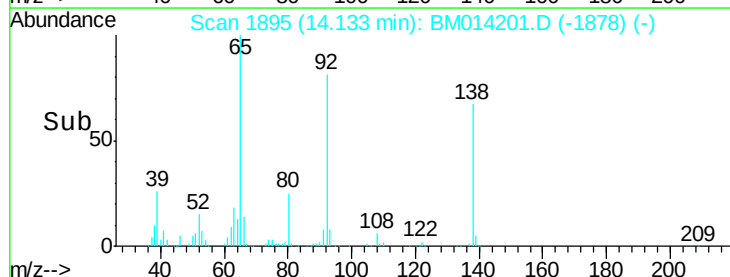
92 121.1 76.6 114.8#

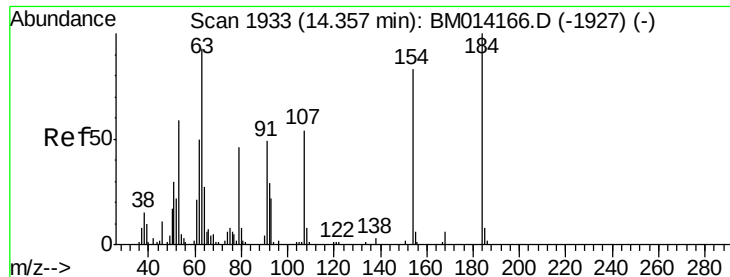


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

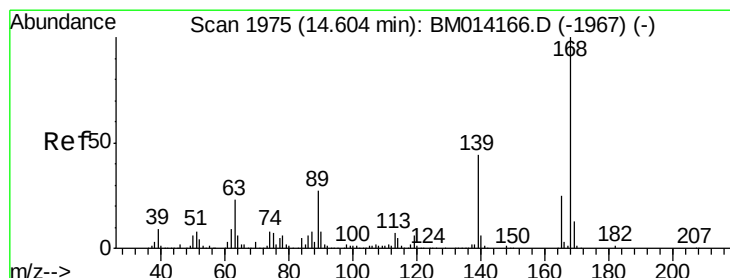
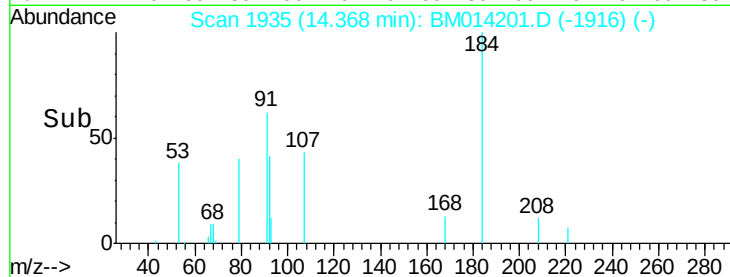
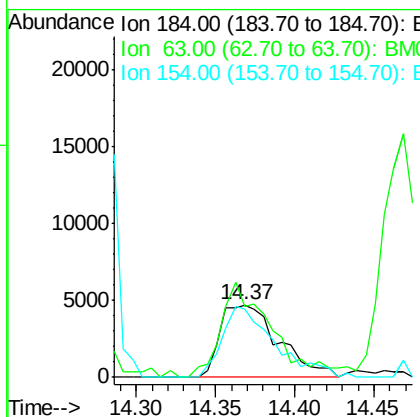
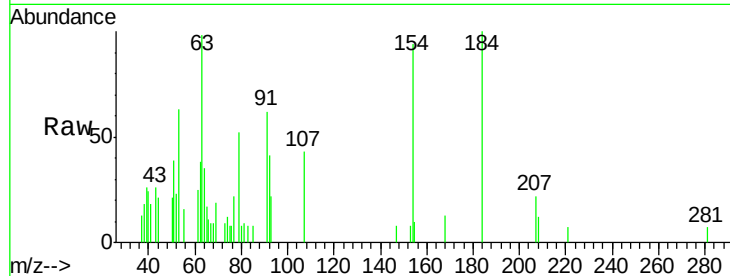




#53
2,4-Dinitrophenol
Concen: 10.87 ng
RT: 14.37 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

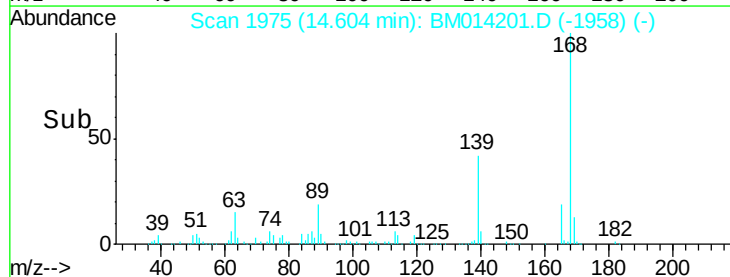
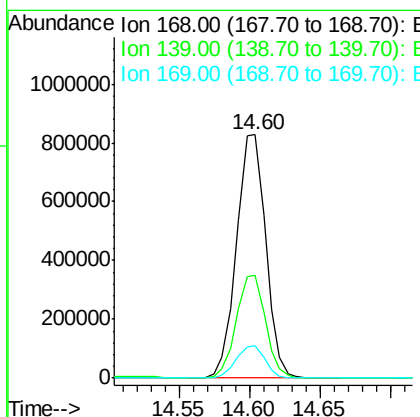
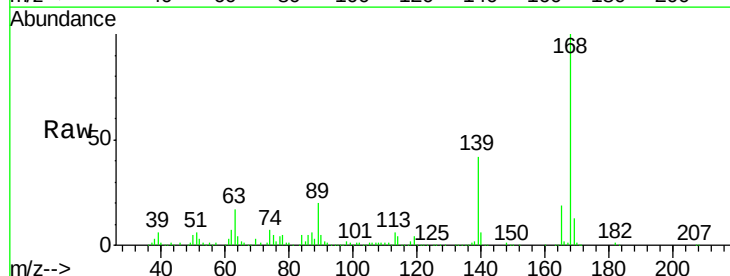
Instrument :
BNA_M
ClientSampleId :

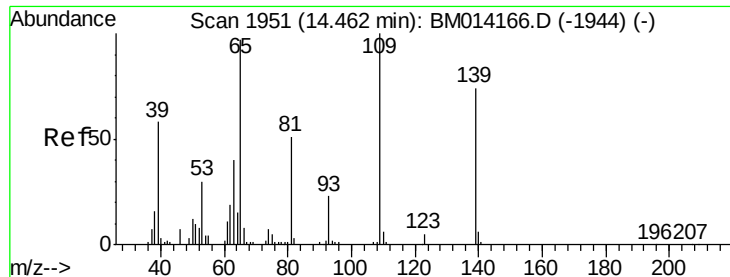
Tot Ion:184 Resp: 12040
Ion Ratio Lower Upper
184 100
63 97.8 69.2 103.8
154 93.9 53.3 79.9#



#54
Dibenzofuran
Concen: 35.45 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion:168 Resp: 1198323
Ion Ratio Lower Upper
168 100
139 42.5 27.3 40.9#
169 13.2 10.6 16.0





#55

4-Nitrophenol

Concen: 19.51 ng

RT: 14.47 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampled :

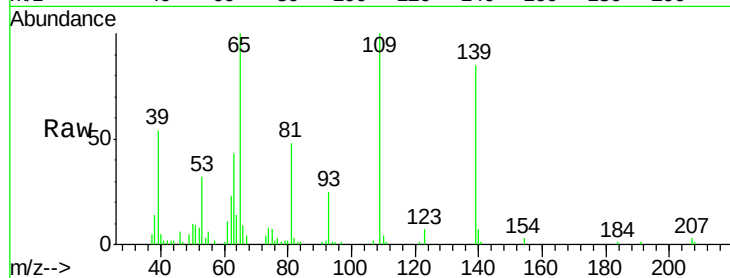
Tot Ion:139 Resp: 72451

Ion Ratio Lower Upper

139 100

109 117.0 130.0 170.0#

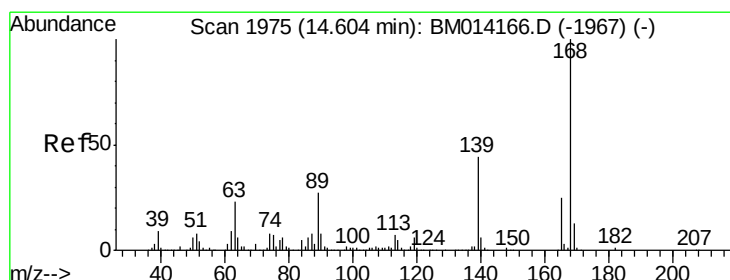
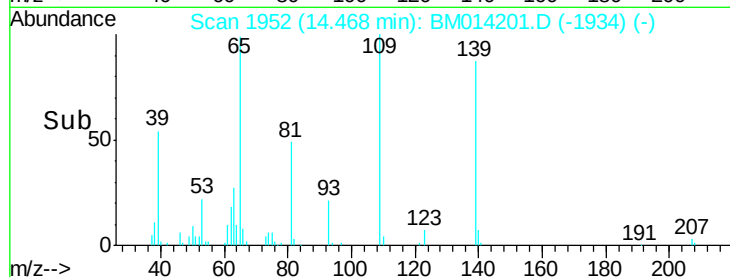
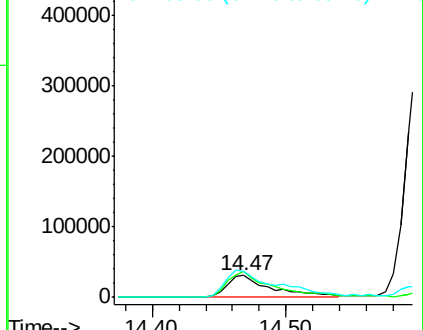
65 117.3 130.0 170.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 32.43 ng

RT: 14.60 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Tgt Ion:165 Resp: 299278

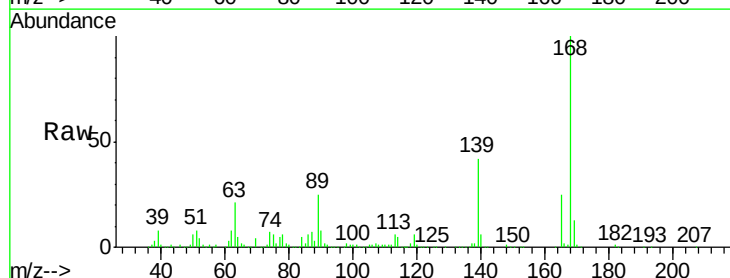
Ion Ratio Lower Upper

165 100

63 84.5 52.4 78.6#

89 101.4 72.4 108.6

182 2.9 2.0 3.0

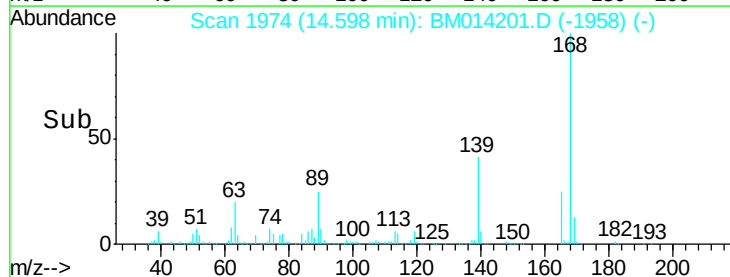
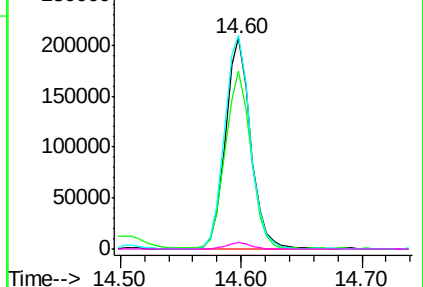


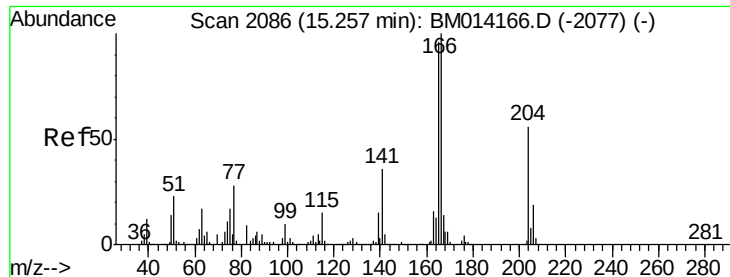
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 32.84 ng

RT: 15.26 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

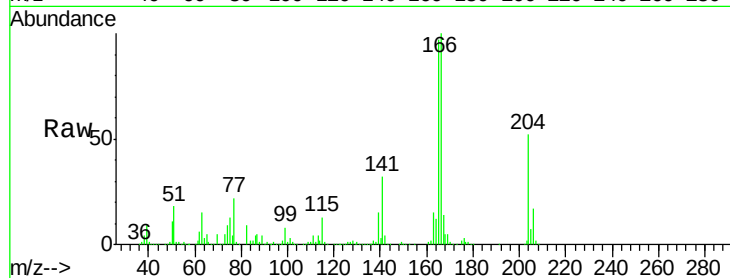
Tot Ion:166 Resp: 976513

Ion Ratio Lower Upper

166 100

165 97.3 79.0 118.4

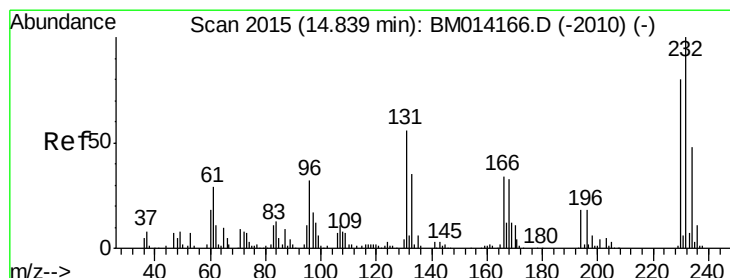
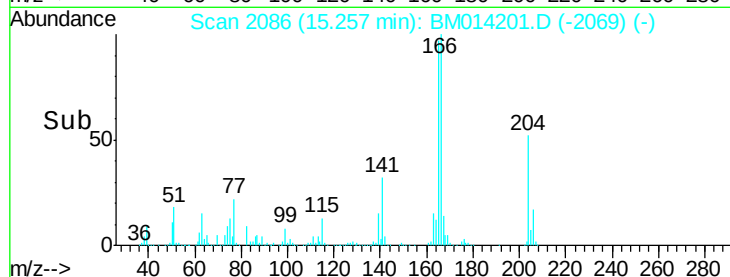
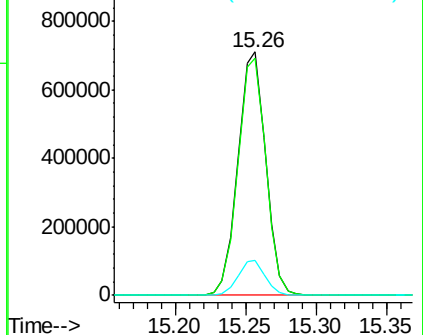
167 14.4 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 12.27 ng

RT: 14.84 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Tgt Ion:232 Resp: 89423

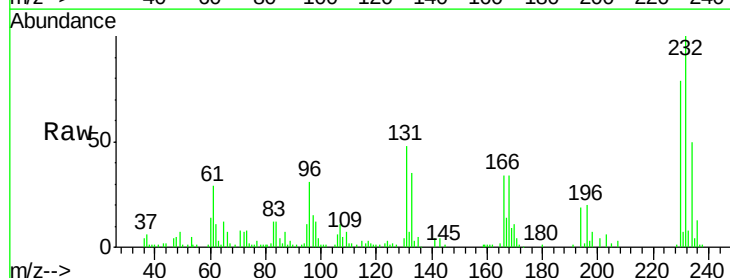
Ion Ratio Lower Upper

232 100

131 53.8 0.0 0.0#

130 3.0 0.0 0.0#

166 34.8 0.0 0.0#

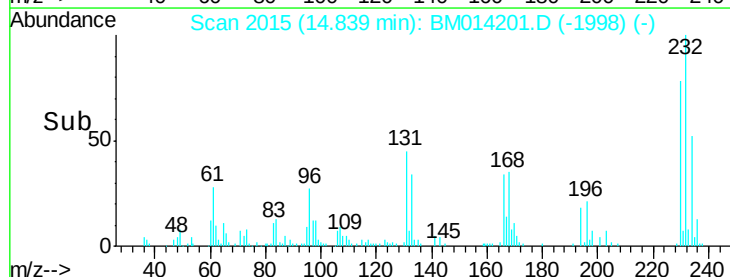
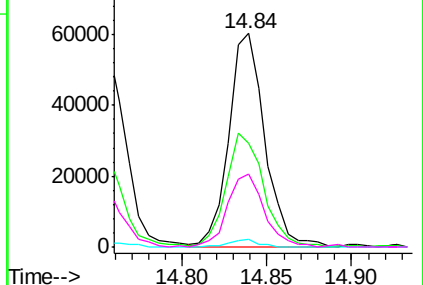


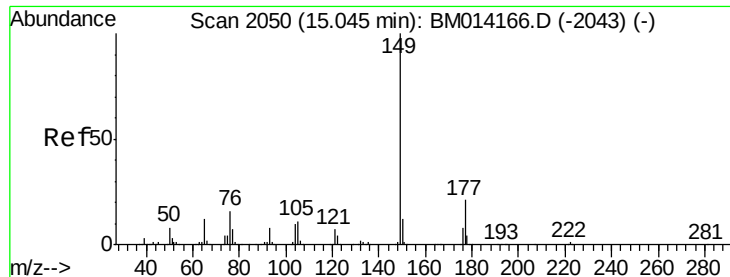
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

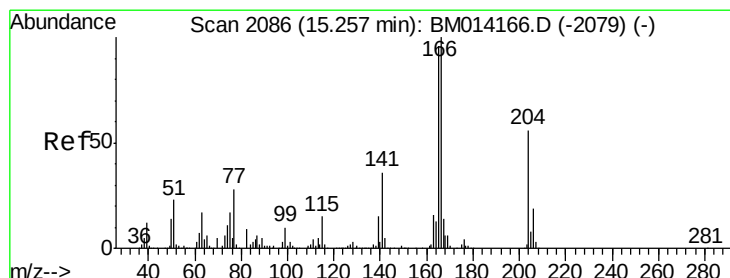
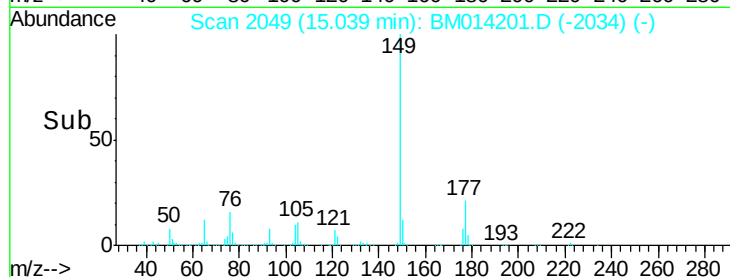
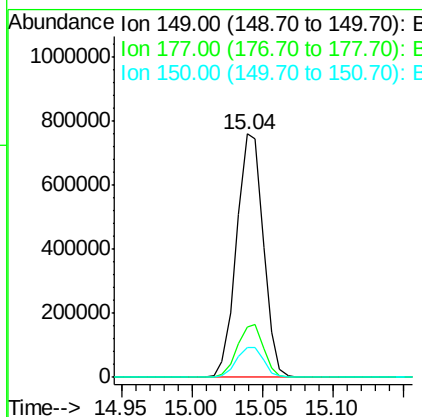
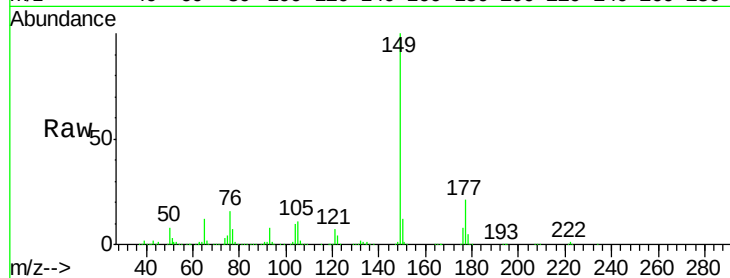




#59
Diethylphthalate
Concen: 31.11 ng
RT: 15.04 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

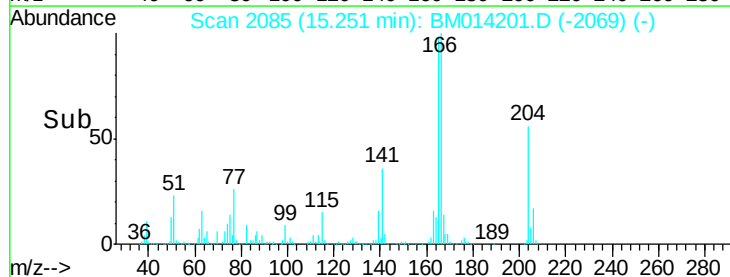
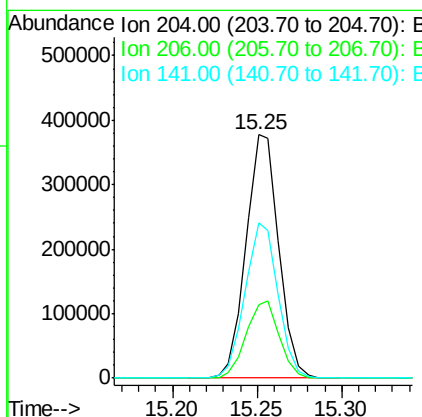
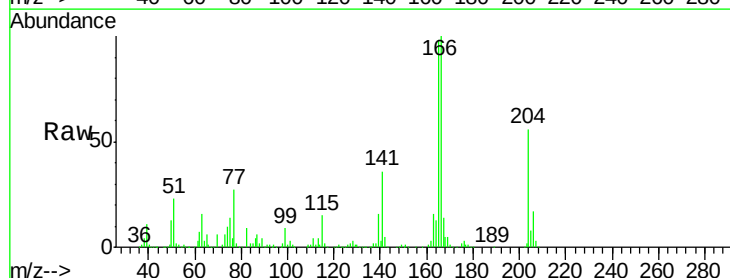
Instrument :
BNA_M
ClientSampleId :

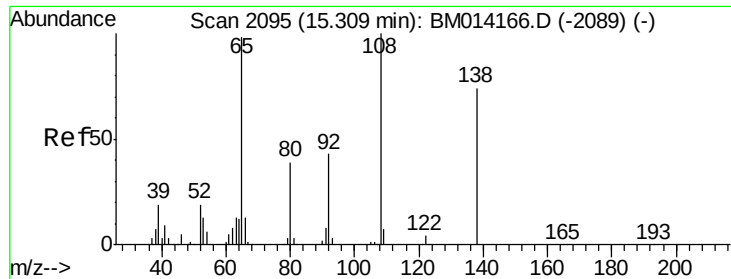
Tot Ion:149 Resp: 1006270
Ion Ratio Lower Upper
149 100
177 20.9 18.3 27.5
150 12.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 32.93 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion:204 Resp: 509046
Ion Ratio Lower Upper
204 100
206 30.3 26.6 39.8
141 64.0 45.2 67.8

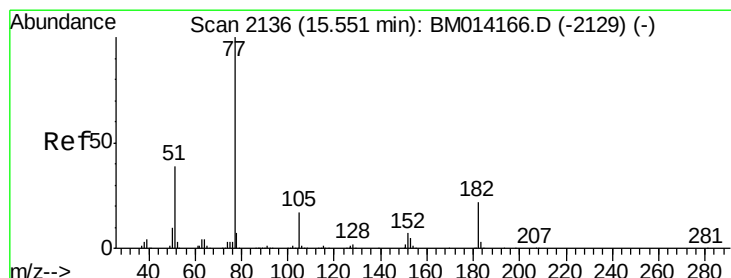
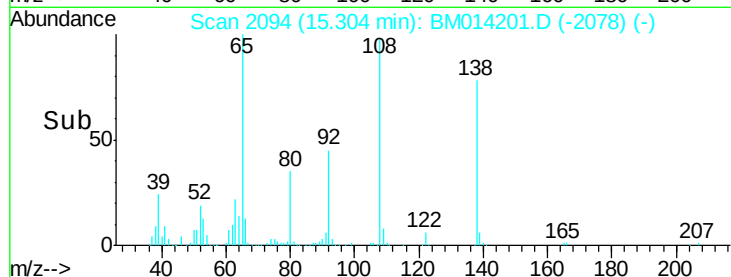
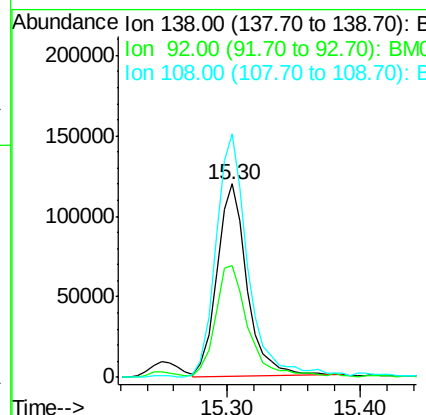
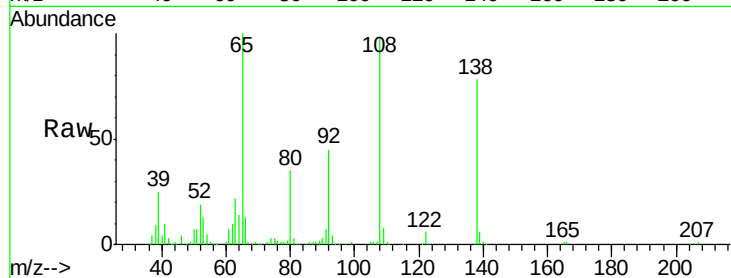




#61
4-Nitroaniline
Concen: 30.45 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

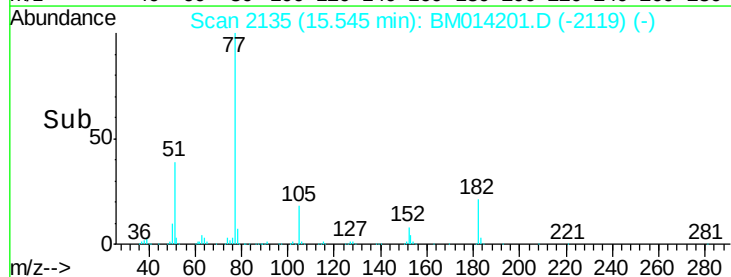
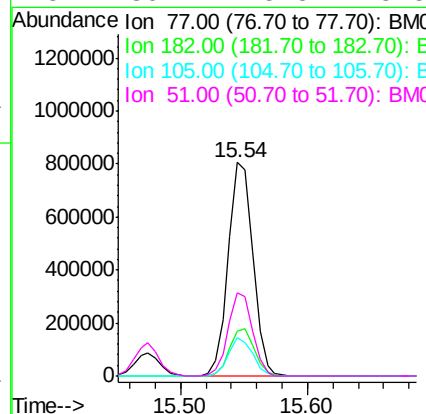
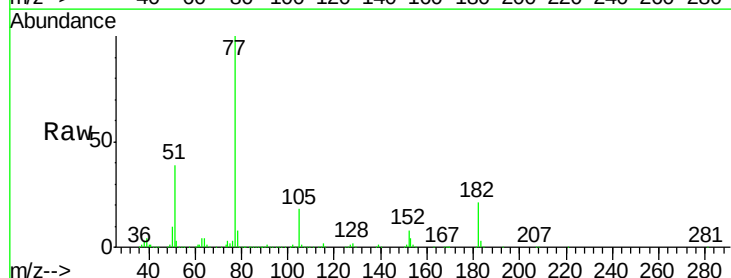
Instrument :
BNA_M
ClientSampleId :

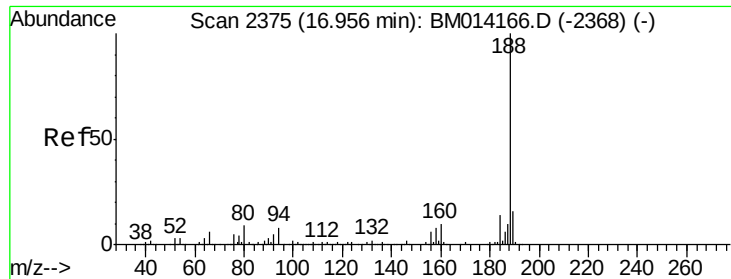
Tot Ion:138 Resp: 188411
Ion Ratio Lower Upper
138 100
92 57.7 16.7 56.7#
108 125.9 37.6 77.6#



#62
Azobenzene
Concen: 32.38 ng
RT: 15.54 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion: 77 Resp: 1087597
Ion Ratio Lower Upper
77 100
182 21.0 6.5 46.5
105 17.8 3.8 43.8
51 39.1 5.5 45.5

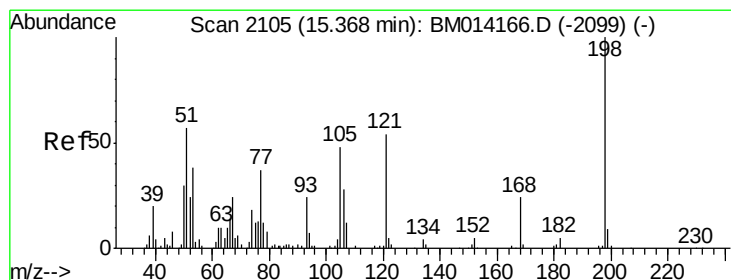
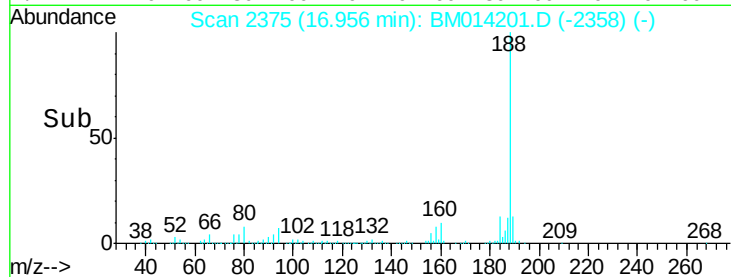
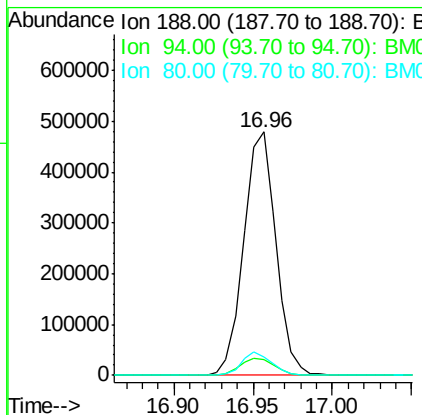
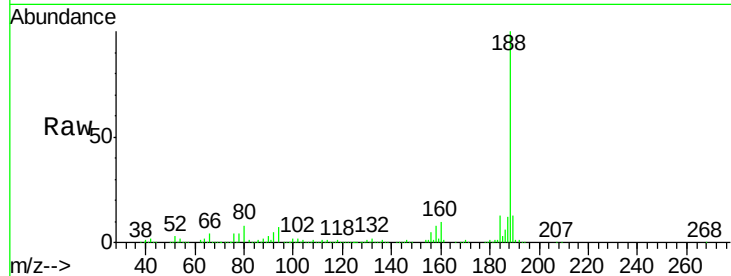




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

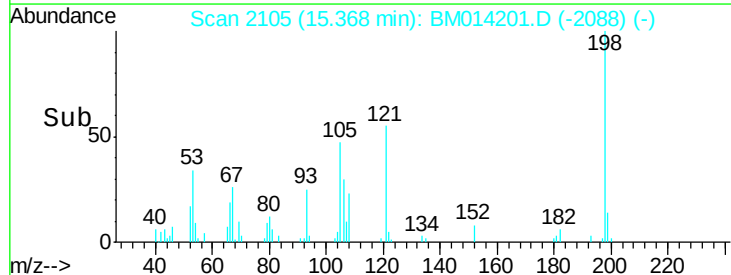
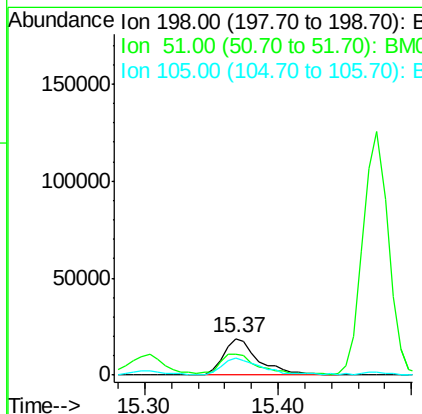
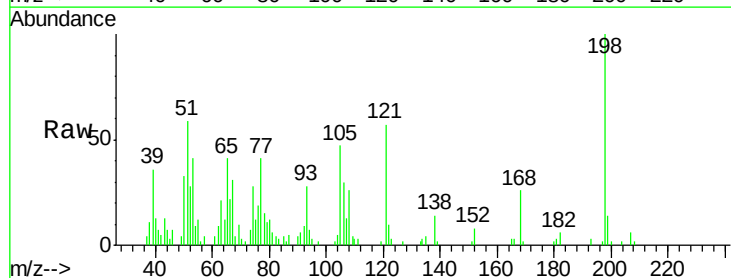
Instrument :
 BNA_M
 ClientSampleId :

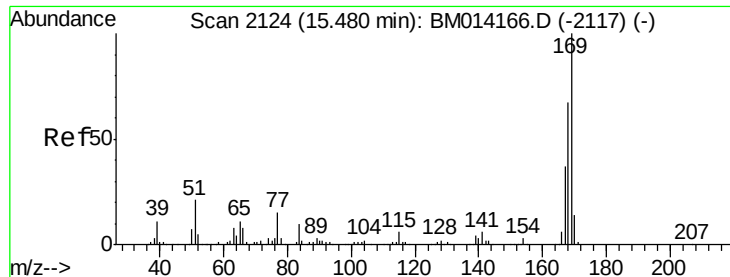
Tot Ion:188 Resp: 674057
 Ion Ratio Lower Upper
 188 100
 94 6.7 8.7 13.1#
 80 7.5 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.17 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Tgt Ion:198 Resp: 34497
 Ion Ratio Lower Upper
 198 100
 51 58.8 28.8 68.8
 105 47.4 30.5 70.5

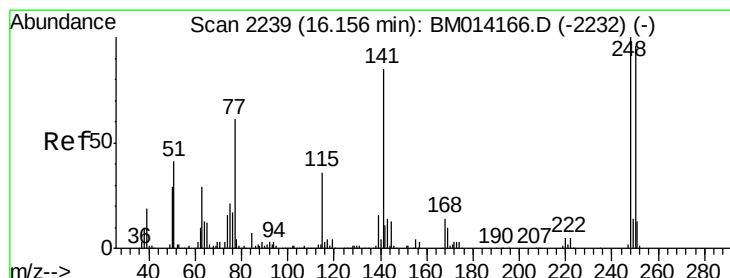
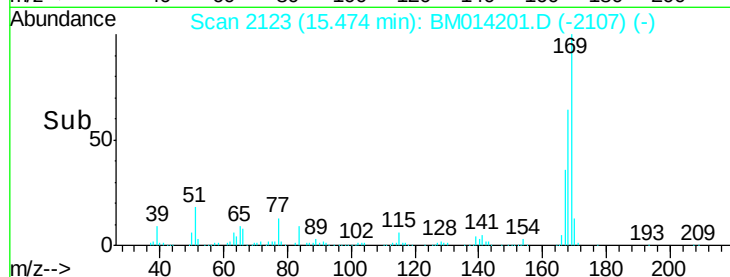
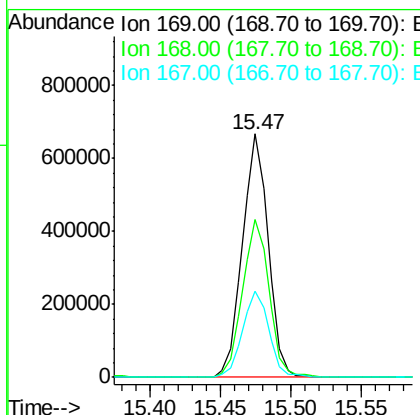
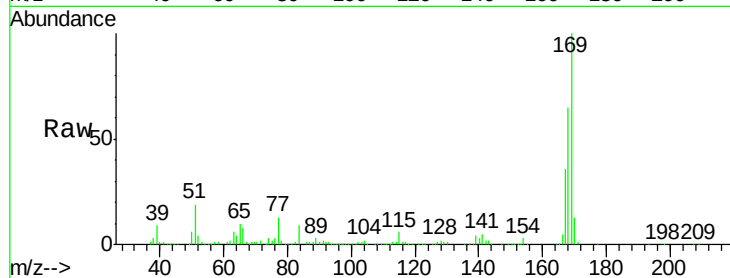




#65
 n-Nitrosodiphenylamine
 Concen: 40.15 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

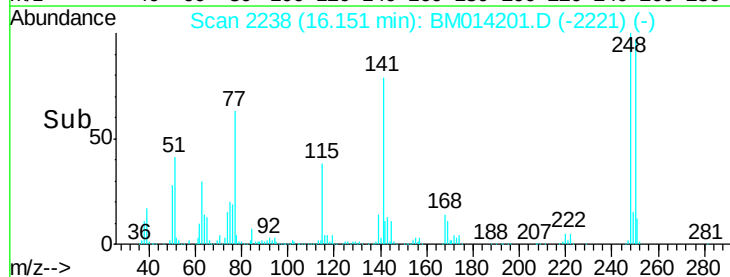
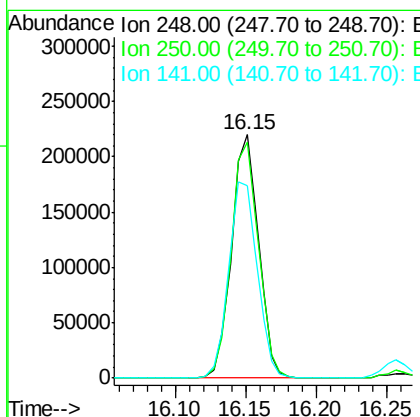
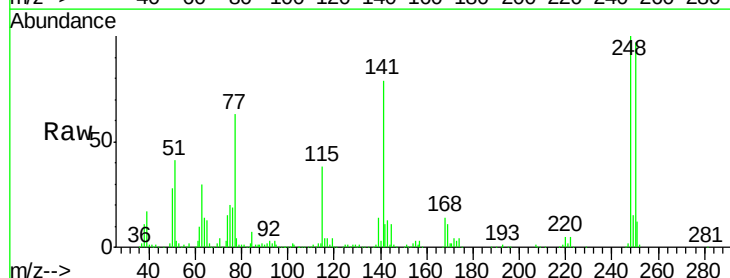
Instrument :
 BNA_M
 ClientSampled :

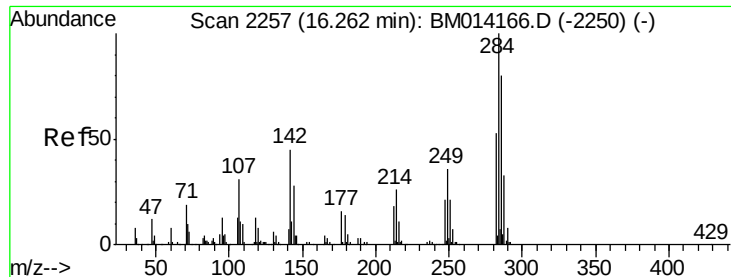
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.6	53.9	80.9
167	35.5	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 37.07 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.4	116.0
141	79.1	45.2	67.8





#67

Hexachlorobenzene

Concen: 35.03 ng

RT: 16.26 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

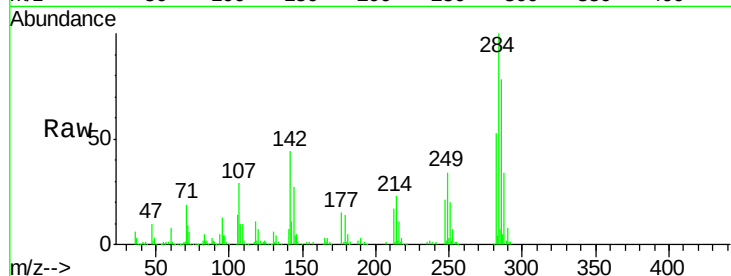
Tot Ion:284 Resp: 303818

Ion Ratio Lower Upper

284 100

142 43.8 20.4 30.6#

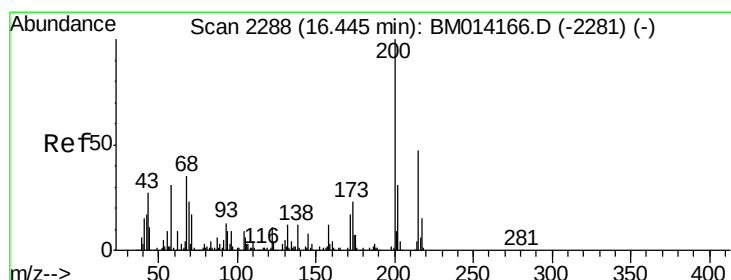
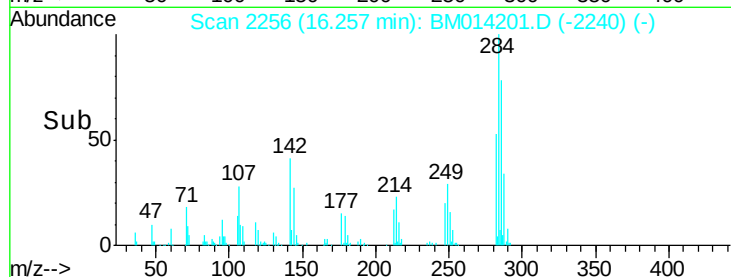
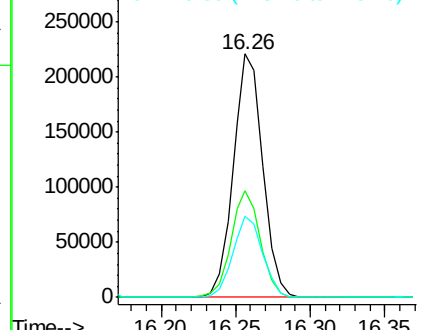
249 33.5 23.8 35.6



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: 36.27 ng

RT: 16.44 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

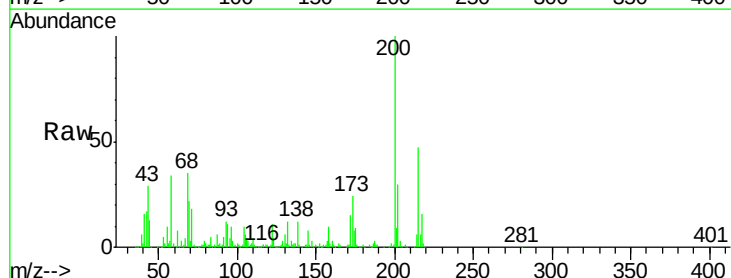
Tgt Ion:200 Resp: 289496

Ion Ratio Lower Upper

200 100

173 24.3 4.8 44.8

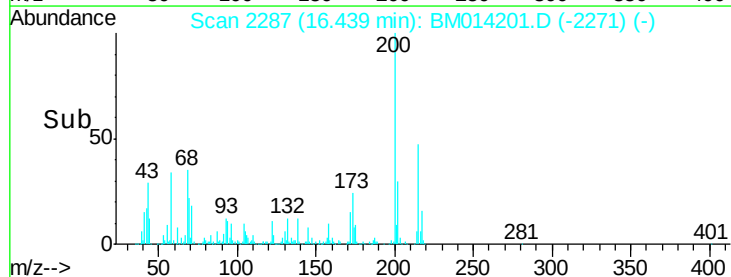
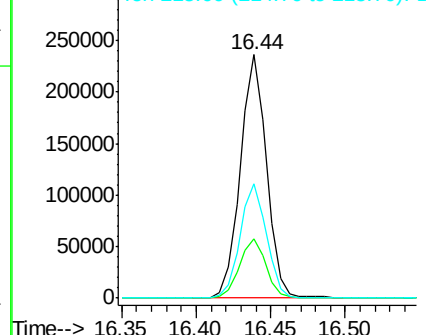
215 47.2 26.9 66.9

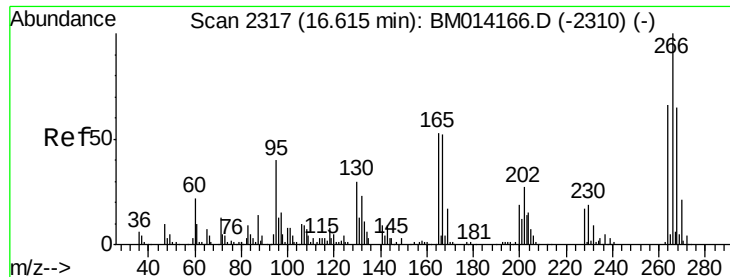


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

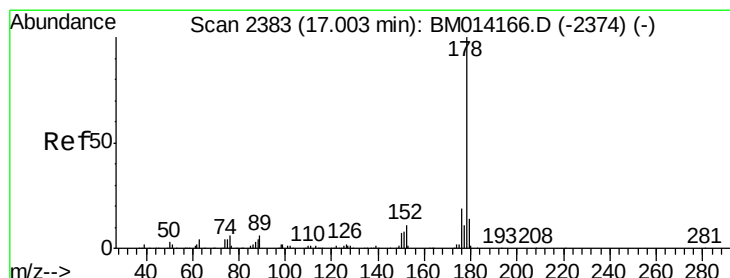
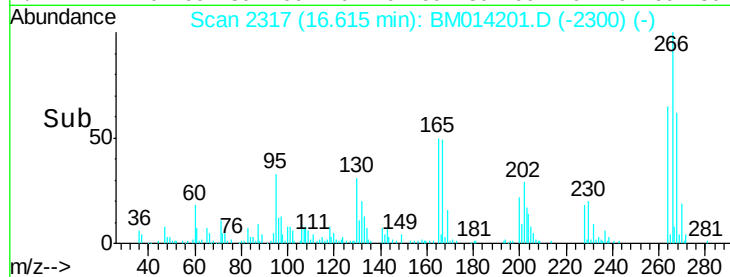
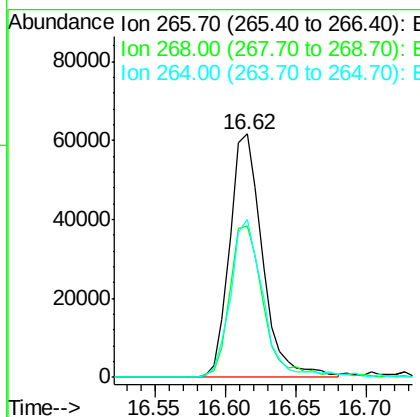
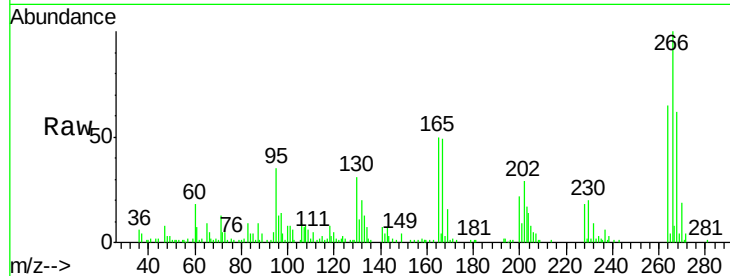




#69
 Pentachlorophenol
 Concen: 21.53 ng
 RT: 16.62 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

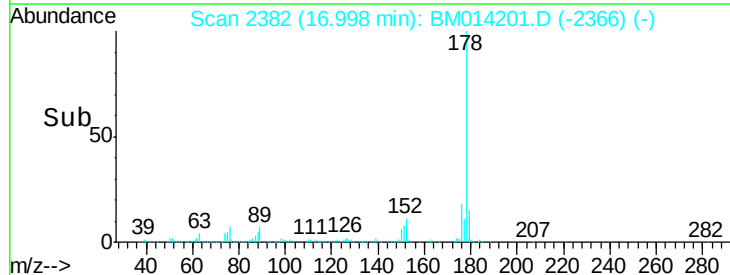
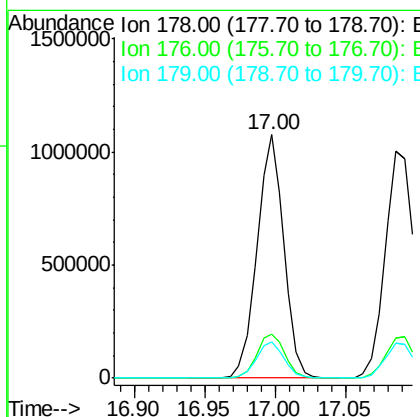
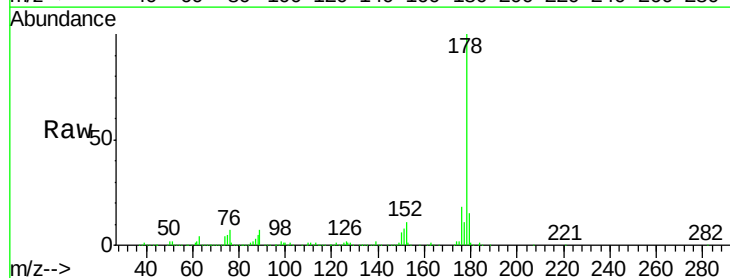
Instrument :
 BNA_M
 ClientSampleId :

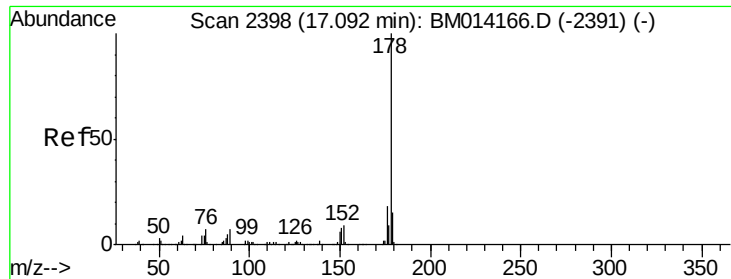
Tot Ion:266 Resp: 100073
 Ion Ratio Lower Upper
 266 100
 268 62.1 52.0 78.0
 264 65.1 49.0 73.4



#70
 Phenanthrene
 Concen: 35.26 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Tgt Ion:178 Resp: 1433865
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.2 22.8
 179 15.0 12.1 18.1

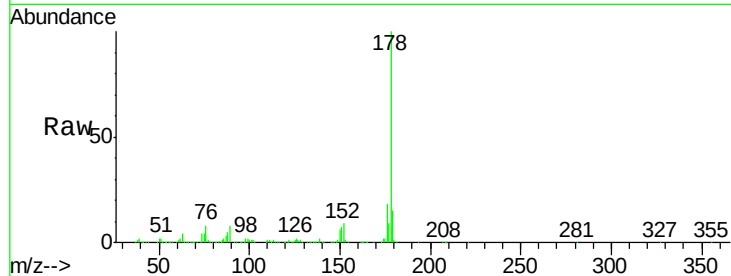




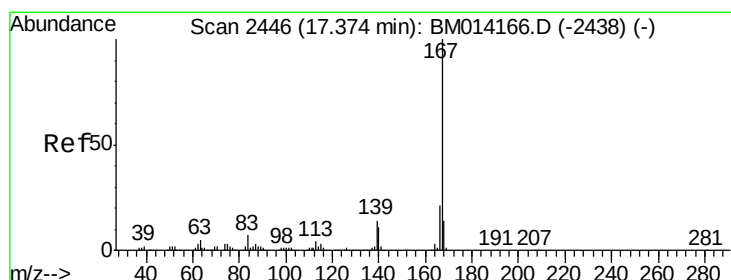
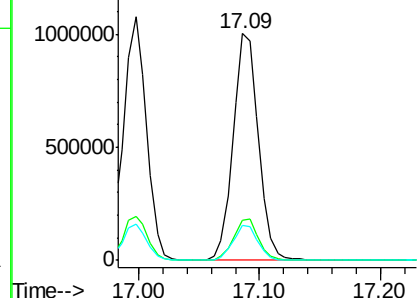
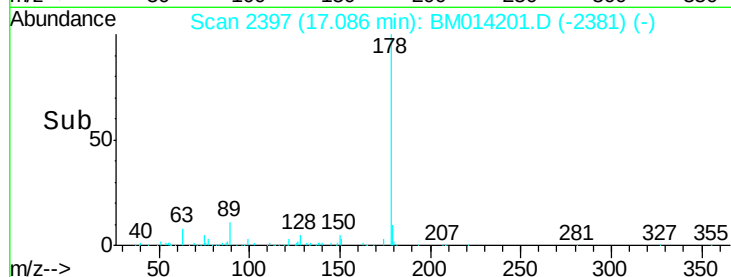
#71
 Anthracene
 Concen: 36.54 ng
 RT: 17.09 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:178 Resp: 1447635
 Ion Ratio Lower Upper
 178 100
 176 17.6 14.6 22.0
 179 15.4 12.6 19.0

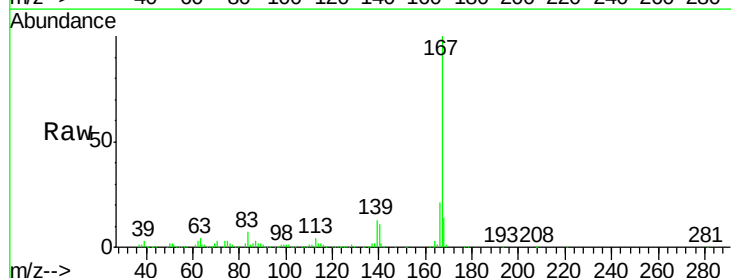


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

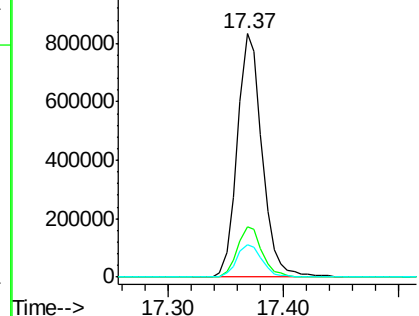
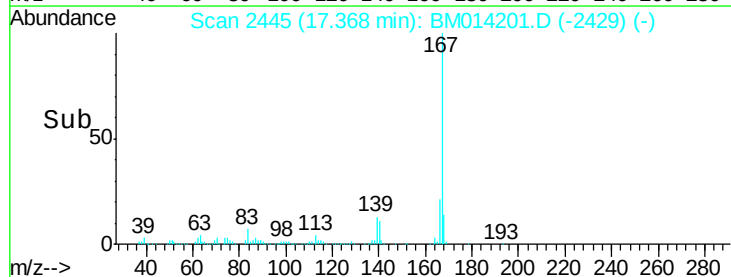


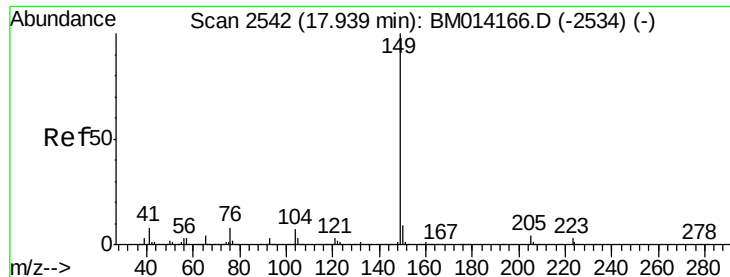
#72
 Carbazole
 Concen: 33.39 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Tgt Ion:167 Resp: 1243575
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 13.4 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: 31.86 ng

RT: 17.93 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

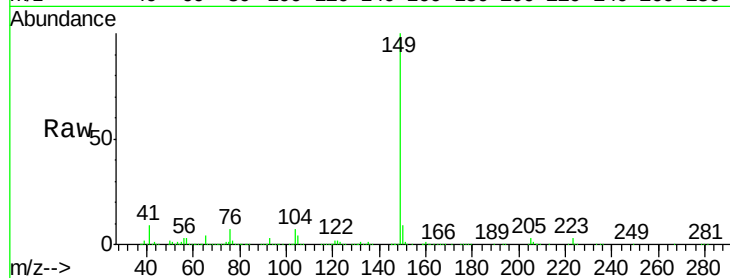
Tot Ion:149 Resp: 1518443

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

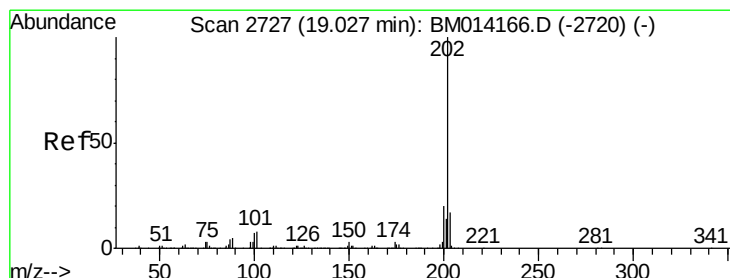
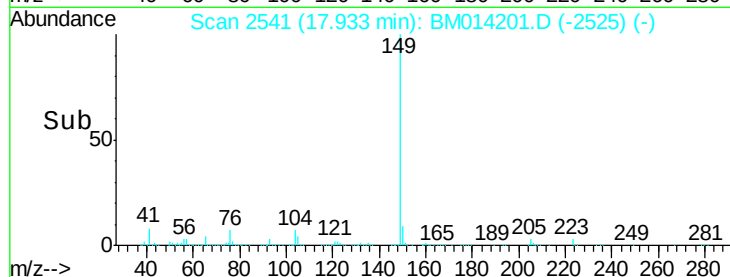
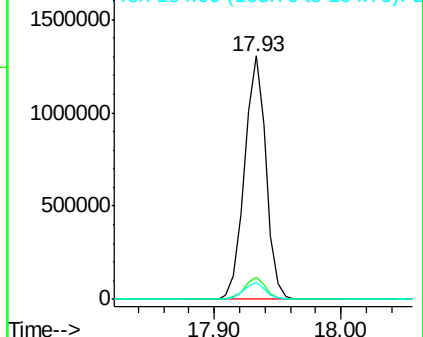
104 7.0 3.7 5.5#



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: 32.41 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

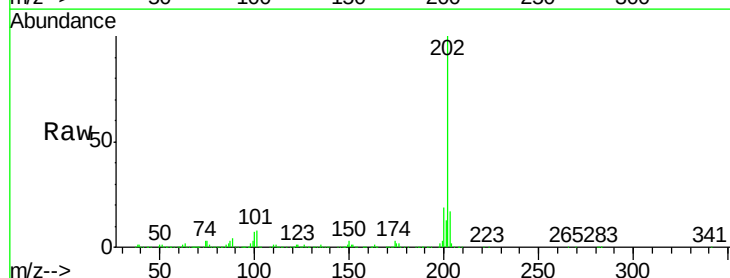
Tgt Ion:202 Resp: 1551610

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.7

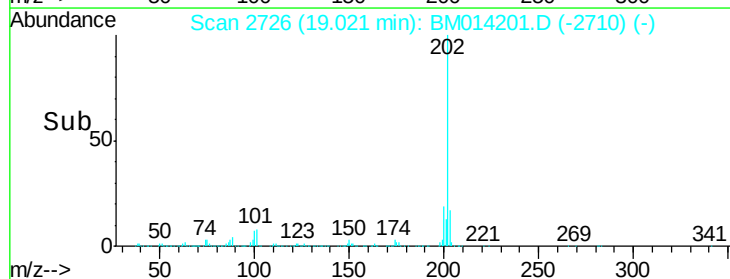
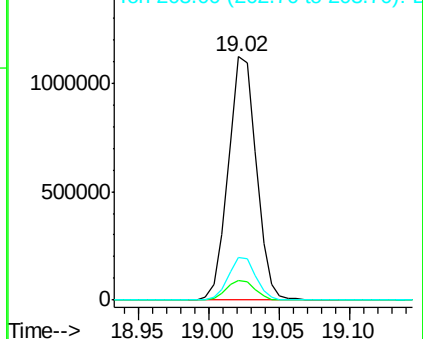
203 17.3 0.0 37.2

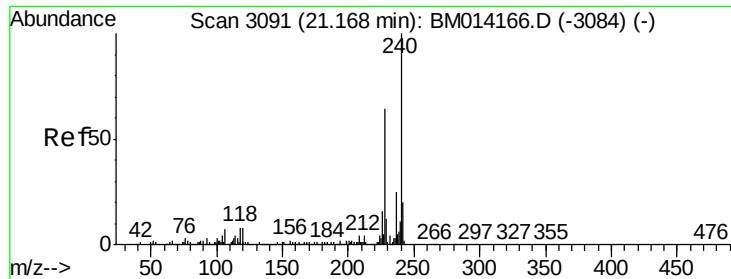


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampled :

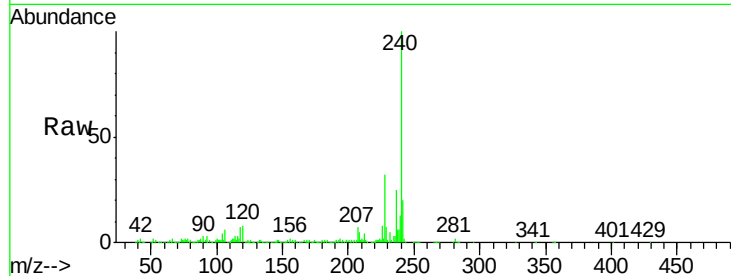
Tot Ion:240 Resp: 585435

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

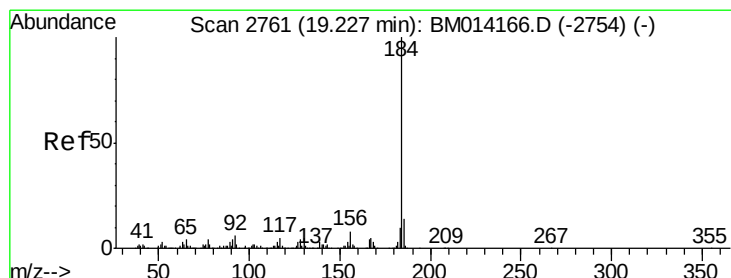
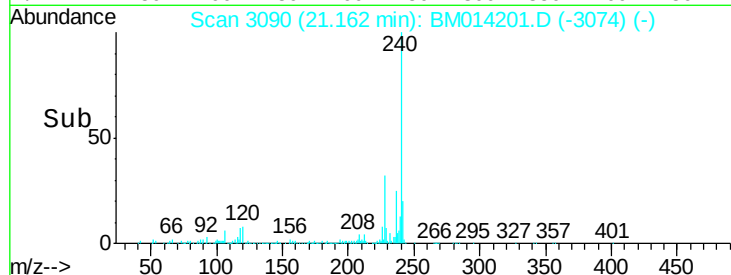
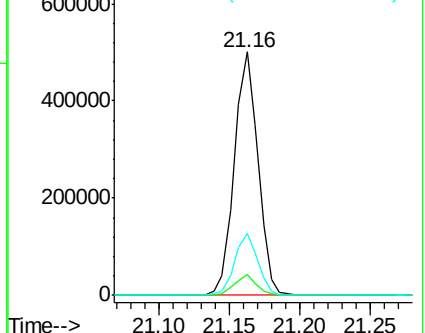
236 25.3 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.02 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

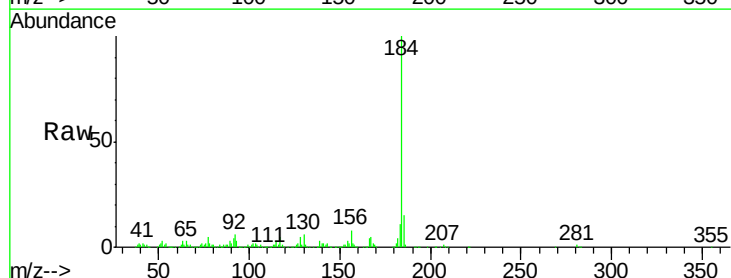
Tgt Ion:184 Resp: 767522

Ion Ratio Lower Upper

184 100

185 15.3 11.3 16.9

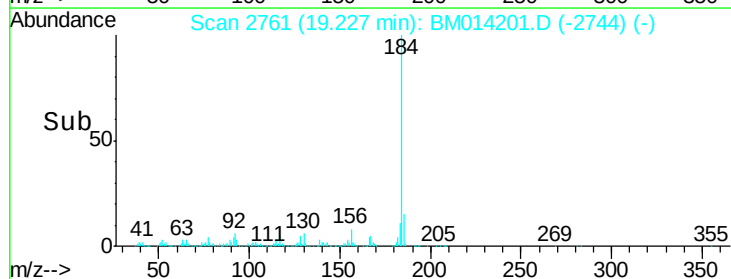
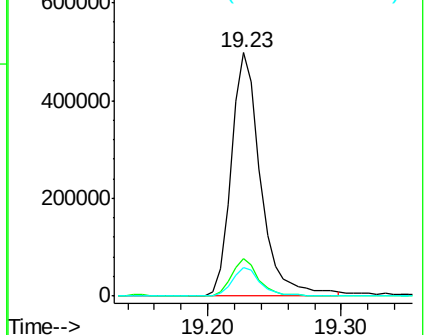
183 11.5 8.9 13.3

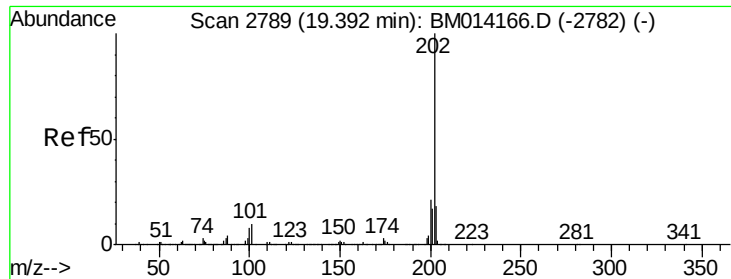


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

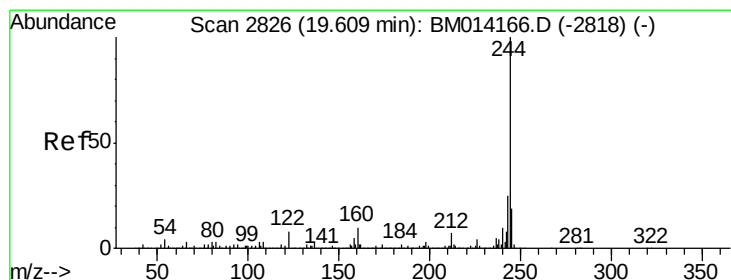
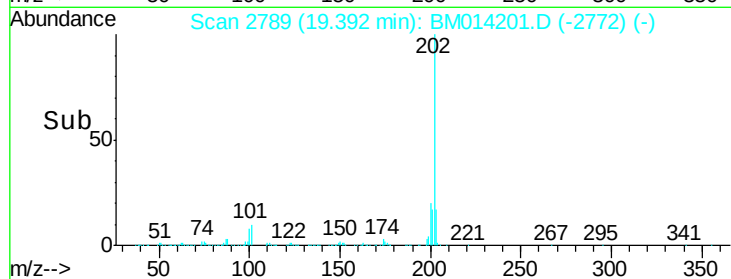
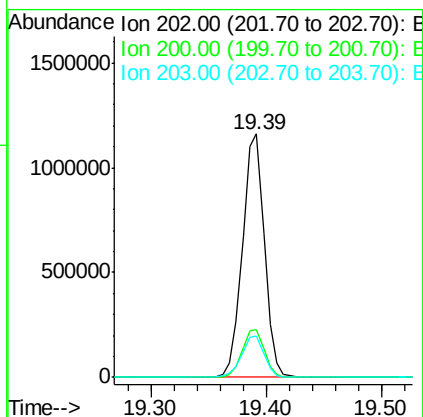
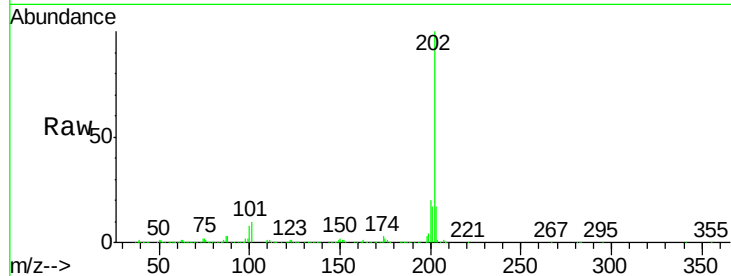




#77
Pvrene
Concen: 37.57 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

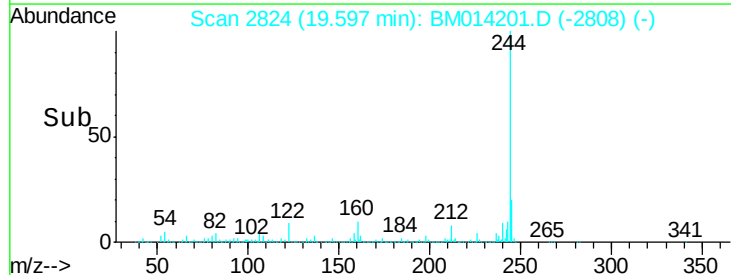
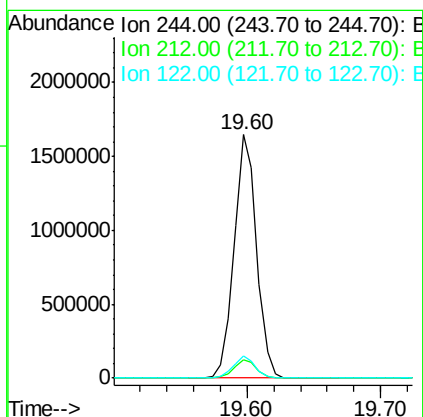
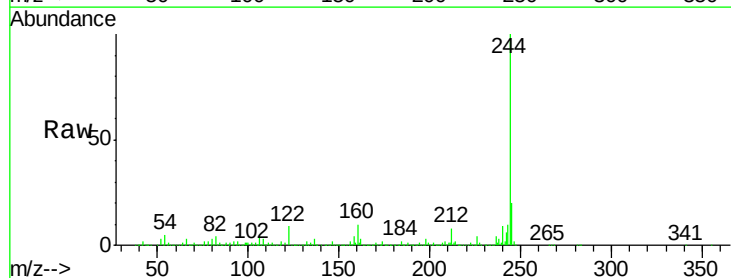
Instrument :
BNA_M
ClientSampleId :

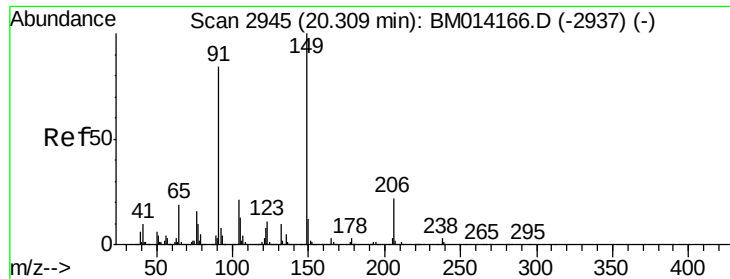
Tot Ion:202 Resp: 1528193
Ion Ratio Lower Upper
202 100
200 19.6 16.9 25.3
203 16.8 14.1 21.1



#78
Terphenyl-d14
Concen: 64.33 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion:244 Resp: 1927563
Ion Ratio Lower Upper
244 100
212 7.8 4.9 7.3#
122 9.4 6.2 9.4#

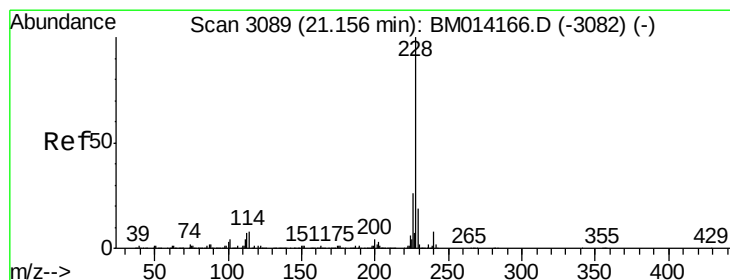
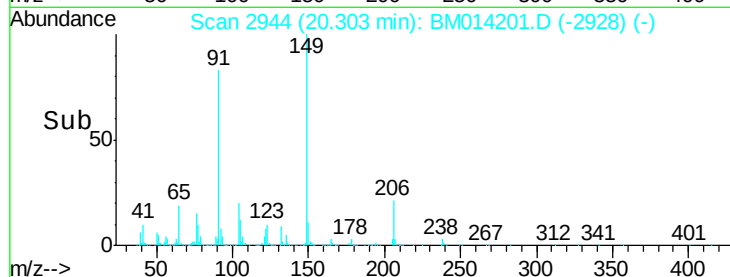
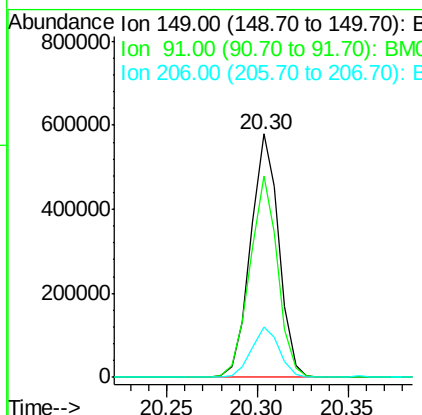
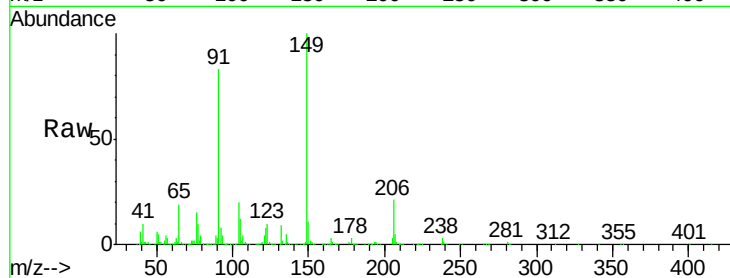




#79
Butylbenzylphthalate
Concen: 34.12 ng
RT: 20.30 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

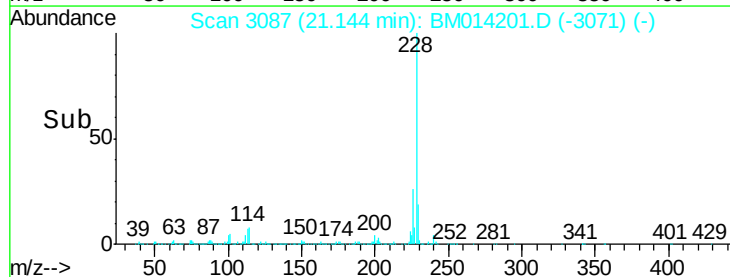
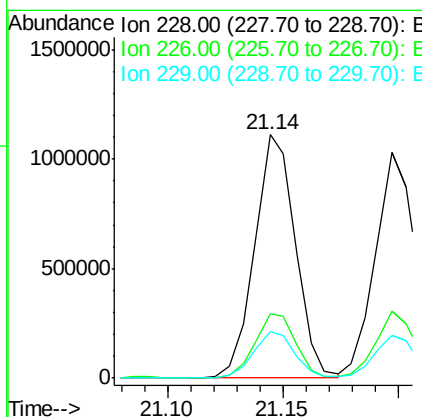
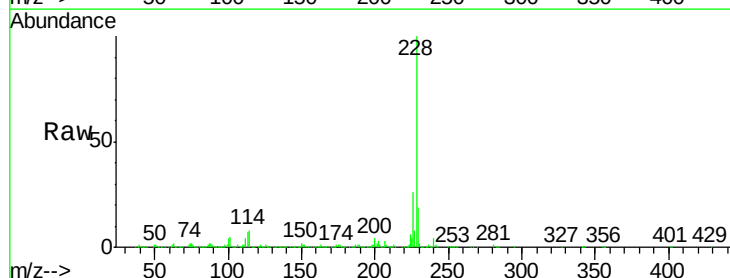
Instrument :
BNA_M
ClientSampleId :

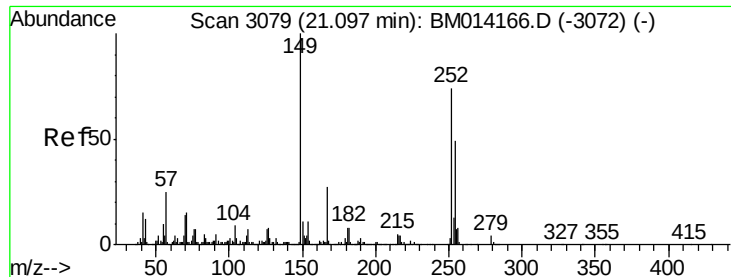
Tot Ion	Ratio	Lower	Upper
149	100		
91	82.8	50.1	75.1#
206	20.5	16.2	24.2



#80
Benzo(a)anthracene
Concen: 35.92 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM014201.D
Acq: 08 Feb 2018 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.7	32.5
229	18.9	16.0	24.0

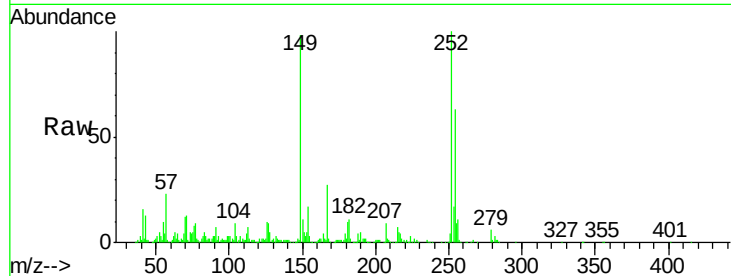




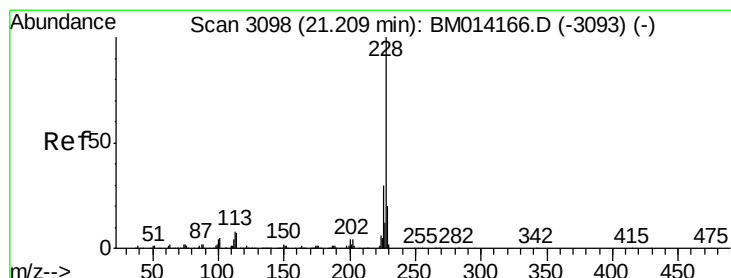
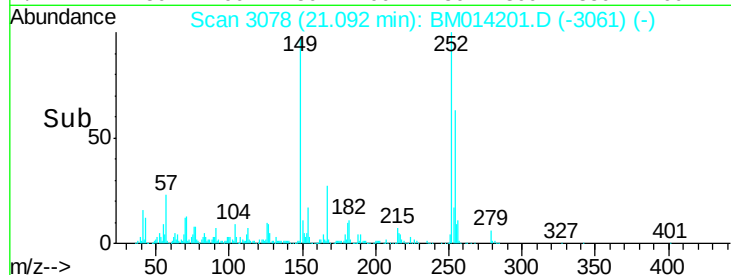
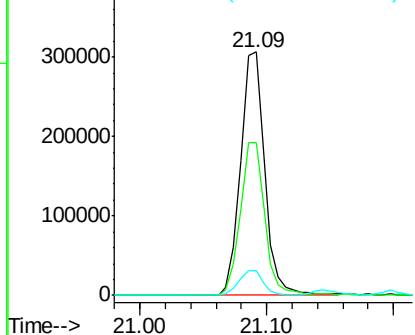
#81
 3,3'-Dichlorobenzidine
 Concen: 28.50 ng
 RT: 21.09 min Scan# 3078
 Delta R.T. -0.00 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 405174
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.9 77.9
 126 10.2 9.8 14.8

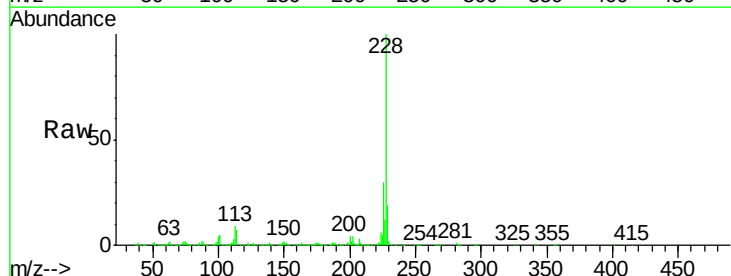


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

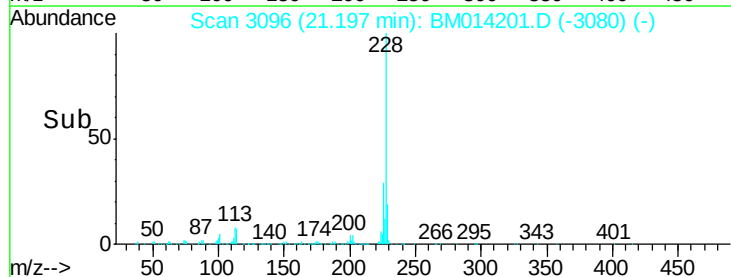
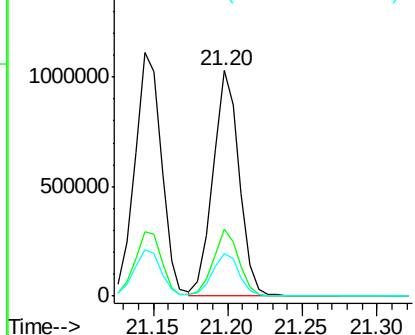


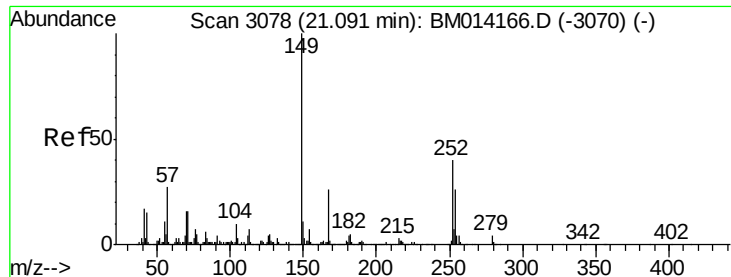
#82
 Chrysene
 Concen: 34.14 ng
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM014201.D
 Acq: 08 Feb 2018 19:58

Tgt Ion:228 Resp: 1259935
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.1 36.1
 229 19.1 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: 32.75 ng

RT: 21.08 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

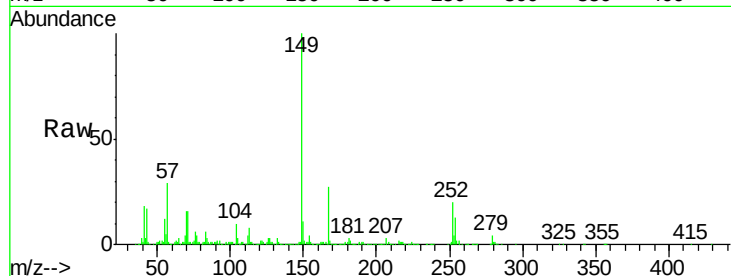
Tot Ion:149 Resp: 874857

Ion Ratio Lower Upper

149 100

167 26.7 22.4 33.6

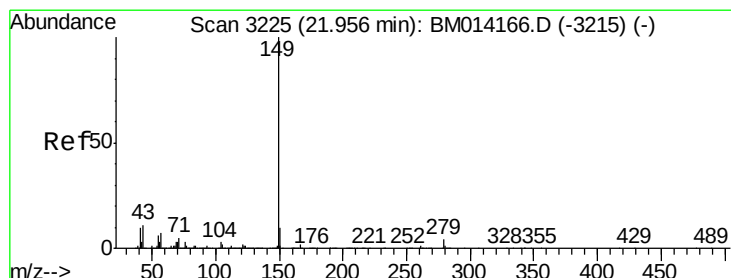
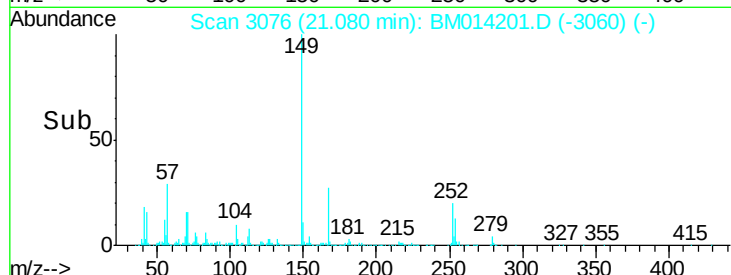
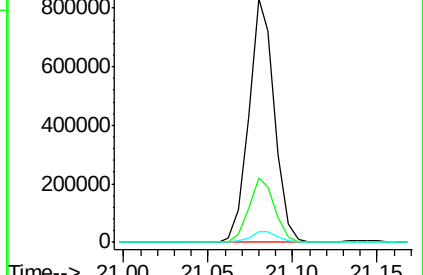
279 4.2 3.4 5.0



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: 37.64 ng

RT: 21.94 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

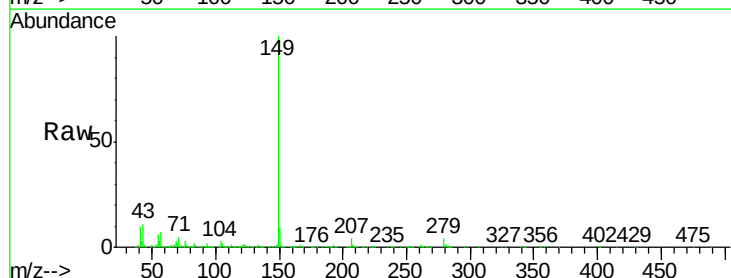
Tgt Ion:149 Resp: 1392341

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

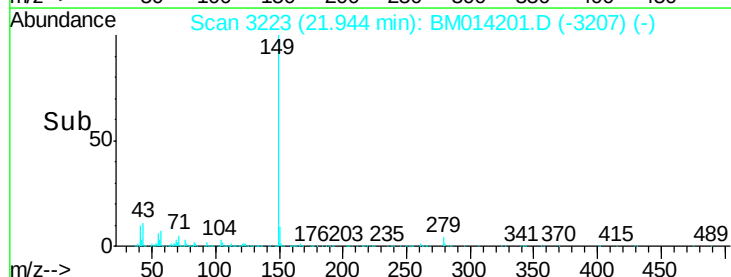
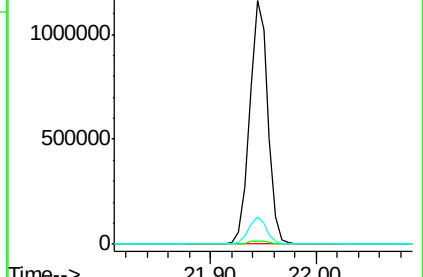
43 10.9 7.3 10.9

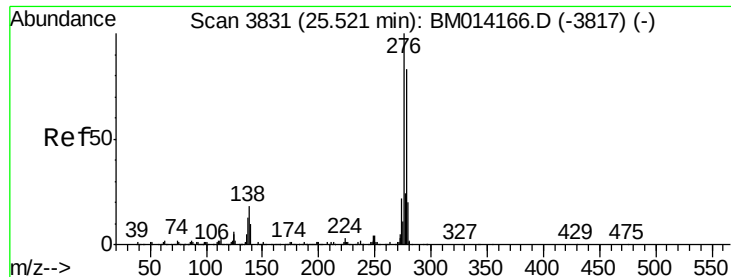


Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.48 ng

RT: 25.50 min Scan# 3828

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

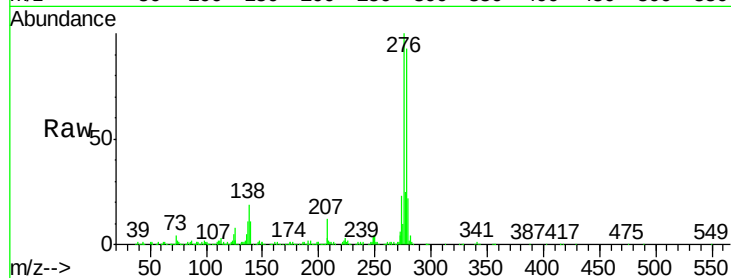
Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 1290546

Ion	Ratio	Lower	Upper
276	100		
138	17.3	12.0	18.0
277	25.3	20.0	30.0

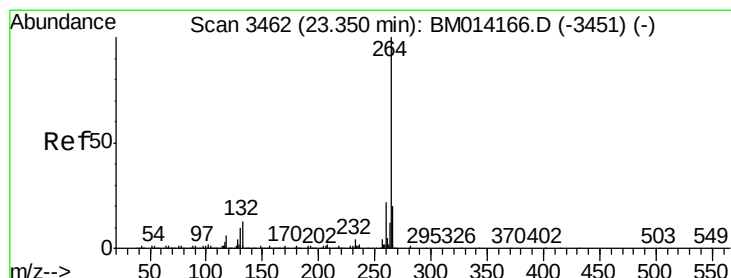
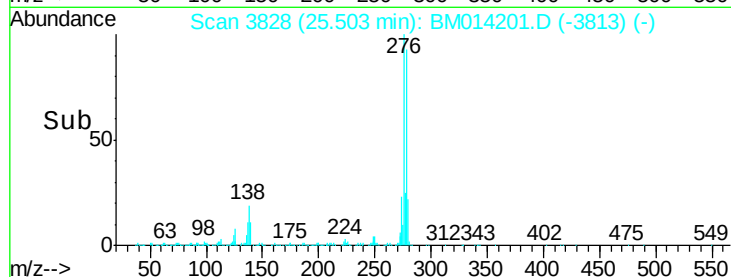
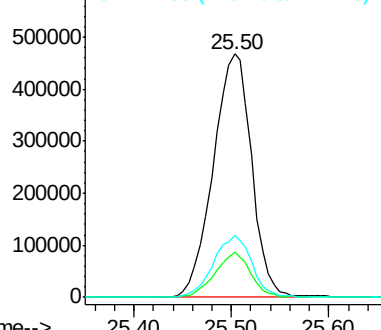


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.34 min Scan# 3460

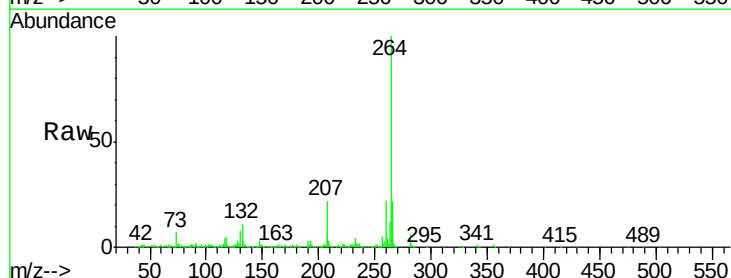
Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Tgt Ion:264 Resp: 531889

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	21.8	17.3	25.9

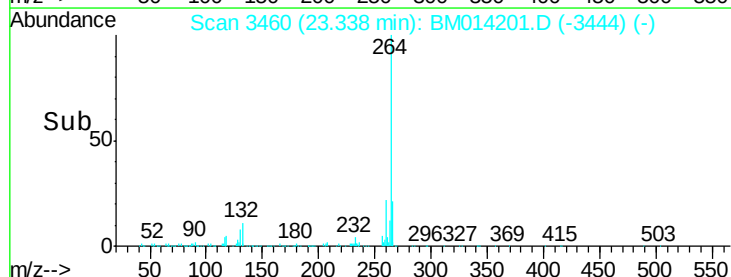
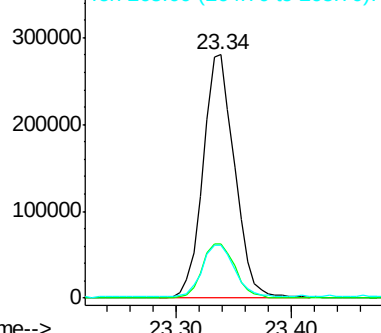


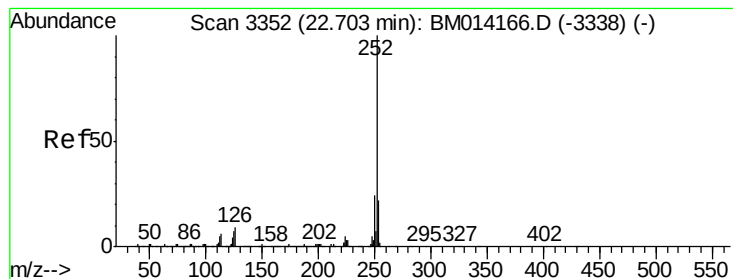
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.61 ng

RT: 22.69 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

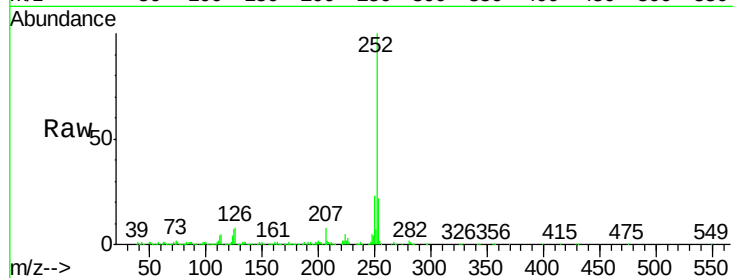
Tot Ion:252 Resp: 1240597

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

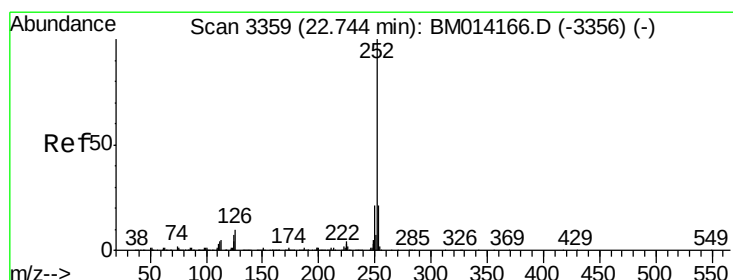
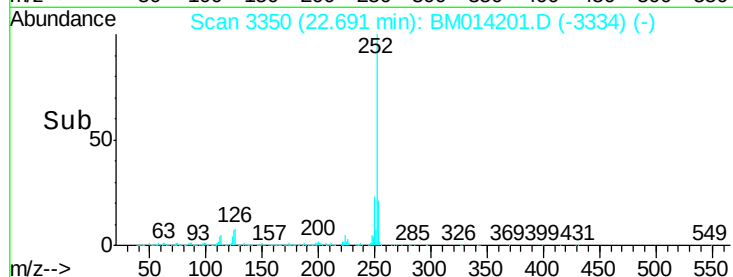
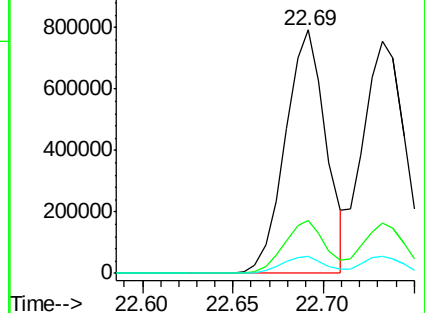
125 7.1 9.9 14.9#



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: 34.68 ng

RT: 22.73 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

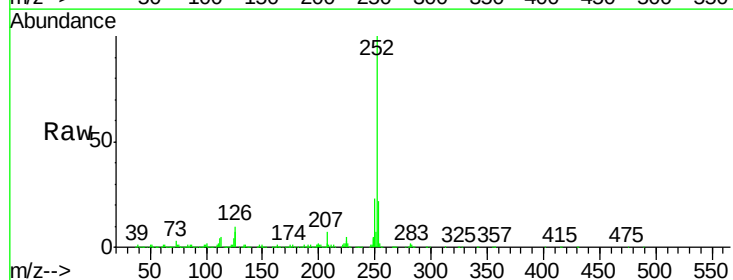
Tgt Ion:252 Resp: 1216712

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

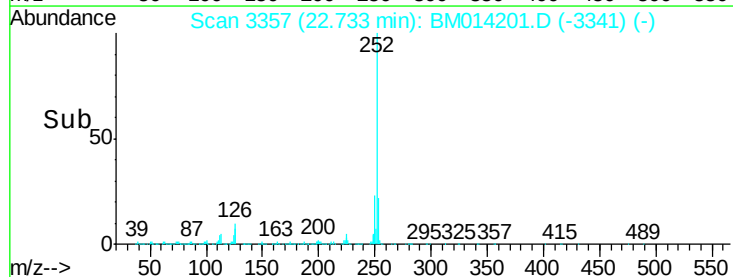
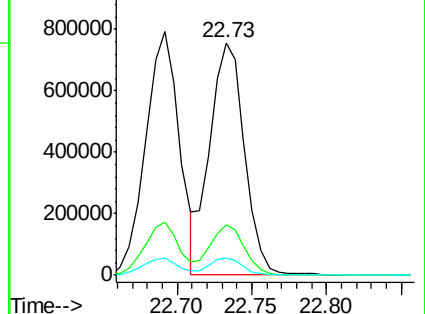
125 7.2 8.1 12.1#

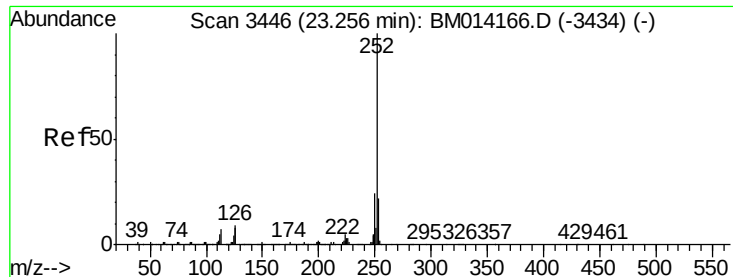


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.23 ng

RT: 23.24 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

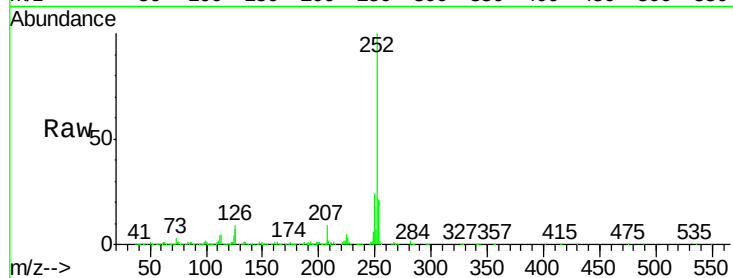
Tot Ion:252 Resp: 1178431

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

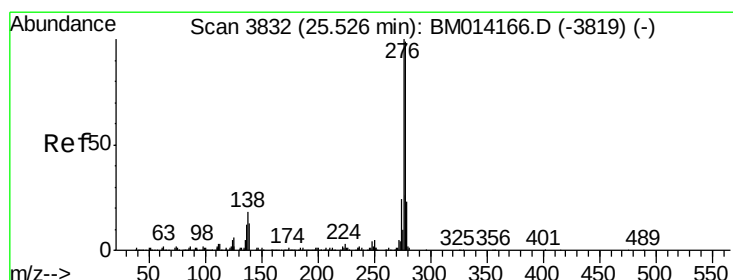
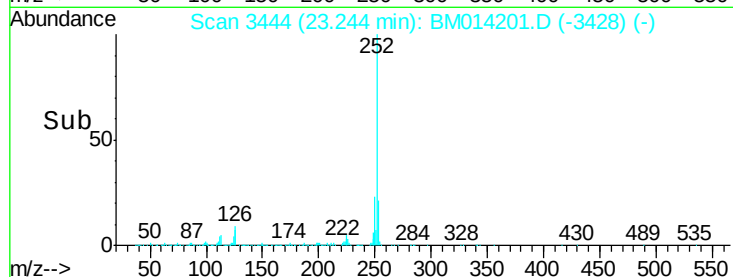
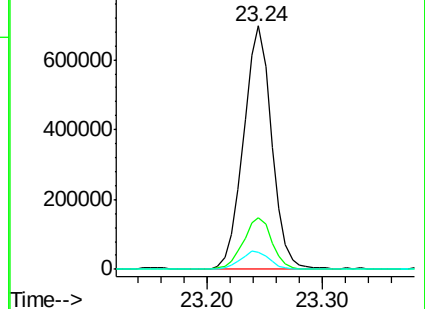
125 7.1 7.4 11.2#



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: 41.57 ng

RT: 25.51 min Scan# 3829

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

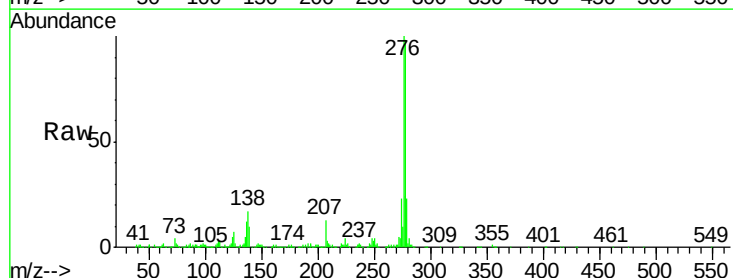
Tgt Ion:278 Resp: 1104766

Ion Ratio Lower Upper

278 100

139 10.4 13.4 20.0#

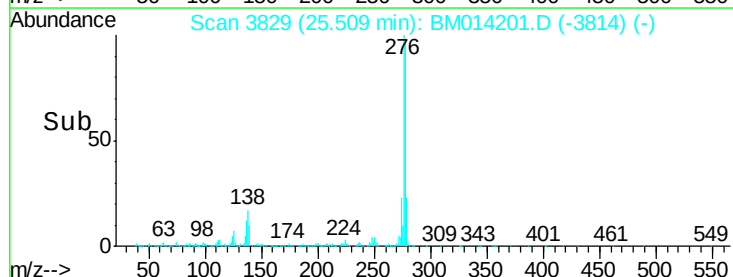
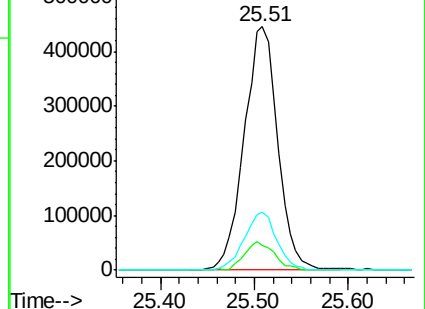
279 23.8 19.0 28.4

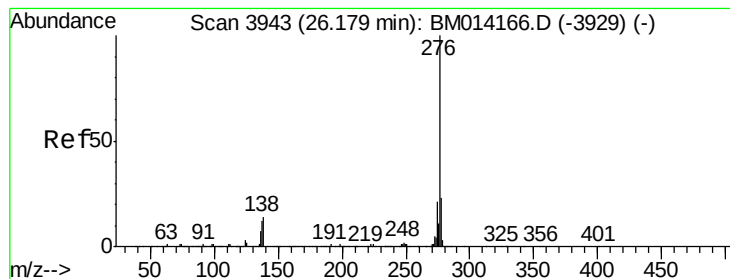


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.60 ng

RT: 26.16 min Scan# 3940

Delta R.T. -0.01 min

Lab File: BM014201.D

Acq: 08 Feb 2018 19:58

Instrument :

BNA_M

ClientSampleId :

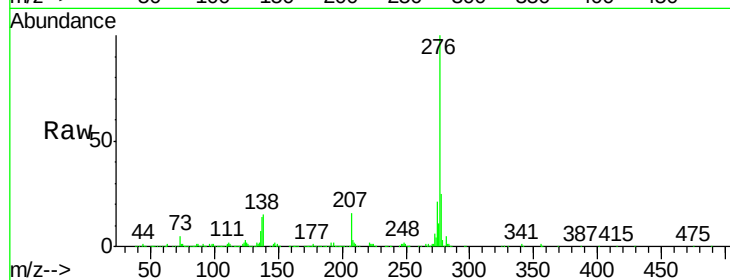
Tot Ion:276 Resp: 1083568

Ion Ratio Lower Upper

276 100

277 24.5 18.5 27.7

138 14.6 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

