

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009947.D
 Acq On : 06 May 2017 18:27
 Operator : SJ/MA
 Sample : I2995-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:43:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	62262	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	287391	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	190337	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	494364	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	684121	20.00	ng	-0.01
86) Perylene-d12	23.67	264	612625	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	568841	145.45	ng	0.00
7) Phenol-d6	6.96	99	828864	138.27	ng	0.00
23) Nitrobenzene-d5	8.95	82	710418	89.46	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	400756	154.16	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	1299813	88.98	ng	-0.01
78) Terphenyl-d14	19.81	244	2725468	81.73	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	55421	36.91	ng	# 100
3) Pyridine	3.70	79	181635	35.17	ng	# 73
4) n-Nitrosodimethylamine	3.61	42	153373	45.52	ng	# 48
6) Aniline	7.12	93	158510	20.00	ng	# 82
8) 2-Chlorophenol	7.35	128	217244	49.90	ng	# 76
9) Benzaldehyde	6.93	77	43955	9.23	ng	# 75
10) Phenol	6.99	94	312673	47.64	ng	# 94
11) bis(2-Chloroethyl)ether	7.20	93	238773	45.71	ng	# 79
12) 1,3-Dichlorobenzene	7.66	146	196824	40.79	ng	# 84
13) 1,4-Dichlorobenzene	7.81	146	206117	41.44	ng	# 92
14) 1,2-Dichlorobenzene	8.12	146	204487	42.78	ng	# 89
15) Benzyl Alcohol	8.03	79	305407	55.01	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.30	45	425608	44.08	ng	# 97
17) 2-Methylphenol	8.23	107	212111	47.99	ng	# 81
18) Hexachloroethane	8.83	117	95024	43.12	ng	# 96
19) n-Nitroso-di-n-propylamine	8.59	70	266674	46.92	ng	# 83
20) 3+4-Methylphenols	8.56	107	308158	50.74	ng	# 84
22) Acetophenone	8.60	105	408624	45.45	ng	# 82
24) Nitrobenzene	8.99	77	386383	46.87	ng	# 85
25) Isophorone	9.51	82	681353	48.63	ng	# 86
26) 2-Nitrophenol	9.70	139	122849	46.07	ng	# 37
27) 2,4-Dimethylphenol	9.76	122	229020	47.73	ng	# 76
28) bis(2-Chloroethoxy)methane	9.99	93	368605	45.21	ng	# 99
29) 2,4-Dichlorophenol	10.23	162	231009	50.23	ng	# 94
30) 1,2,4-Trichlorobenzene	10.43	180	230162	42.82	ng	# 96
31) Naphthalene	10.62	128	692826	43.84	ng	# 98
32) Benzoic acid	9.93	122	119288	37.86	ng	# 67
33) 4-Chloroaniline	10.76	127	37164	5.58	ng	# 73
34) Hexachlorobutadiene	10.88	225	148111	39.60	ng	# 92
35) Caprolactam	11.57	113	40173	22.90	ng	# 36
36) 4-Chloro-3-methylphenol	11.89	107	303514	48.59	ng	# 82
37) 2-Methylnaphthalene	12.23	142	521712	46.74	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	289615	42.30	ng	# 100
40) Hexachlorocyclopentadiene	12.57	237	139130	68.91	ng	# 98

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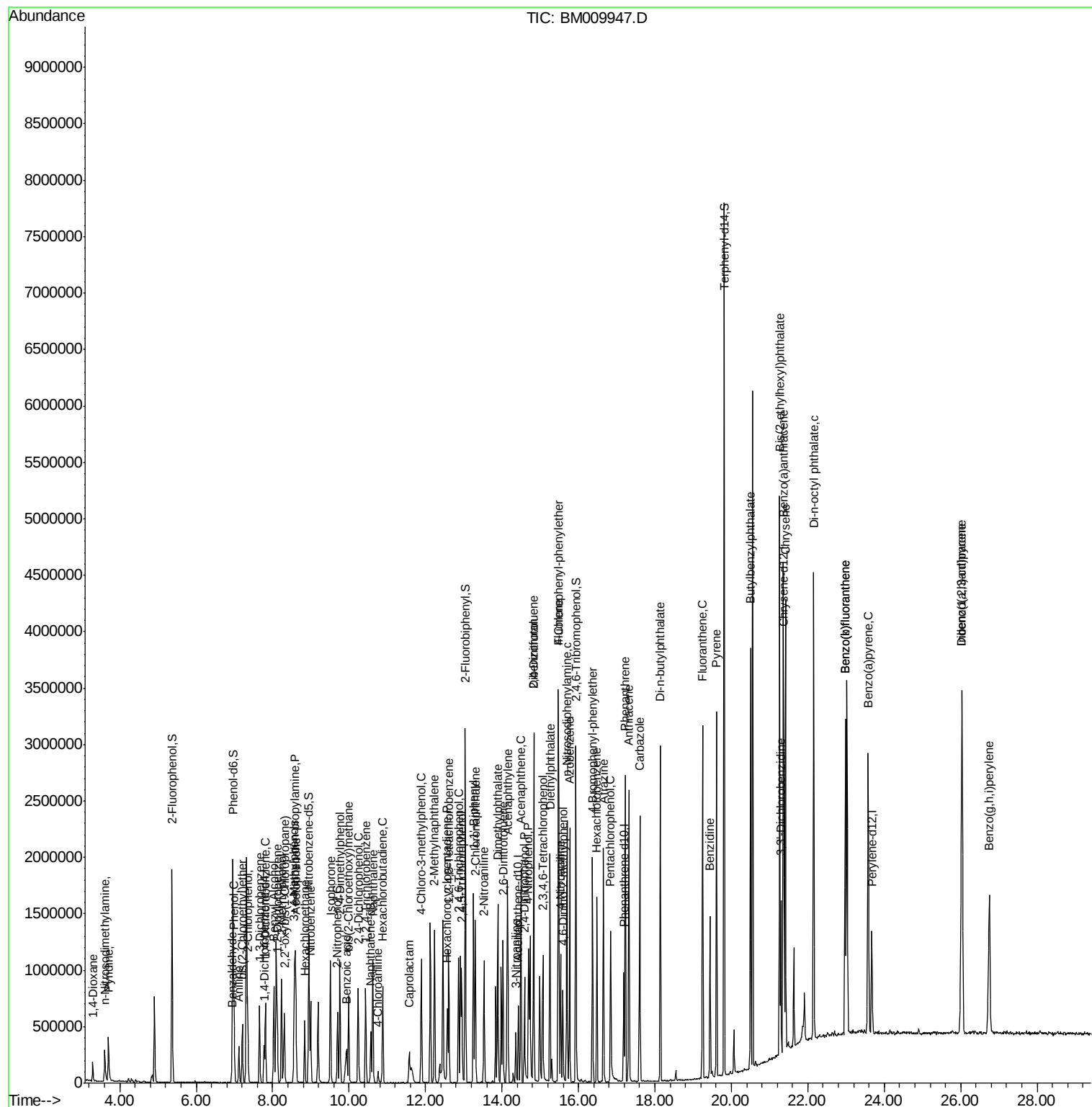
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42) 2,4,6-Trichlorophenol	12.86	196	209771	47.41	nq	95
43) 2,4,5-Trichlorophenol	12.95	196	221051	46.43	nq	# 84
45) 1,1'-Biphenyl	13.26	154	708377	43.71	nq	96
46) 2-Chloronaphthalene	13.30	162	567937	44.34	nq	96
47) 2-Nitroaniline	13.53	65	305009	49.31	nq	# 61
48) Acenaphthylene	14.15	152	948894	47.20	nq	99
49) Dimethylphthalate	13.89	163	814288	44.91	nq	99
50) 2,6-Dinitrotoluene	14.03	165	176247	49.84	nq	# 44
51) Acenaphthene	14.49	154	568399	45.82	nq	96
52) 3-Nitroaniline	14.36	138	67217	17.57	nq	# 41
53) 2,4-Dinitrophenol	14.59	184	148718	73.40	nq	# 72
54) Dibenzofuran	14.83	168	967668	51.00	nq	92
55) 4-Nitrophenol	14.69	139	205722	80.03	nq	# 1
56) 2,4-Dinitrotoluene	14.82	165	266727	51.90	nq	# 62
57) Fluorene	15.48	166	821111	49.05	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.07	232	192071	52.68	nq	# 100
59) Diethylphthalate	15.25	149	893642	46.14	nq	97
60) 4-Chlorophenyl-phenylether	15.47	204	418138	47.07	nq	99
61) 4-Nitroaniline	15.53	138	171615	44.79	nq	# 12
62) Azobenzene	15.77	77	1235802	57.27	nq	78
64) 4,6-Dinitro-2-methylphenol	15.59	198	125956	39.05	nq	# 76
65) n-Nitrosodiphenylamine	15.70	169	715978	45.70	nq	98
66) 4-Bromophenyl-phenylether	16.37	248	260842	45.11	nq	# 90
67) Hexachlorobenzene	16.49	284	283750	43.08	nq	# 85
68) Atrazine	16.65	200	284664	47.44	nq	97
69) Pentachlorophenol	16.84	266	216888	73.70	nq	96
70) Phenanthrene	17.23	178	1339896	46.82	nq	100
71) Anthracene	17.32	178	1383708	47.94	nq	99
72) Carbazole	17.60	167	1293491	49.44	nq	98
73) Di-n-butylphthalate	18.14	149	1653227	43.99	nq	# 97
74) Fluoranthene	19.25	202	1750044	48.45	nq	100
76) Benzidine	19.44	184	690004	33.43	nq	99
77) Pyrene	19.62	202	1806777	44.22	nq	99
79) Butylbenzylphthalate	20.50	149	849561	43.11	nq	# 69
80) Benzo(a)anthracene	21.36	228	1985671	48.19	nq	99
81) 3,3'-Dichlorobenzidine	21.30	252	335869	20.51	nq	# 97
82) Chrysene	21.42	228	1783346	46.04	nq	98
83) Bis(2-ethylhexyl)phthalate	21.26	149	1246317	41.12	nq	95
84) Di-n-octyl phthalate	22.16	149	2192792	41.66	nq	# 82
85) Indeno(1,2,3-cd)pyrene	26.03	276	1932732	44.25	nq	# 100
87) Benzo(b)fluoranthene	22.99	252	1915787	49.07	nq	# 95
88) Benzo(k)fluoranthene	22.99	252	1914140	50.43	nq	98
89) Benzo(a)pyrene	23.58	252	1804423	49.27	nq	98
90) Dibenzo(a,h)anthracene	26.03	278	1656085	45.06	nq	# 96
91) Benzo(g,h,i)perylene	26.75	276	1461964	42.41	nq	# 92

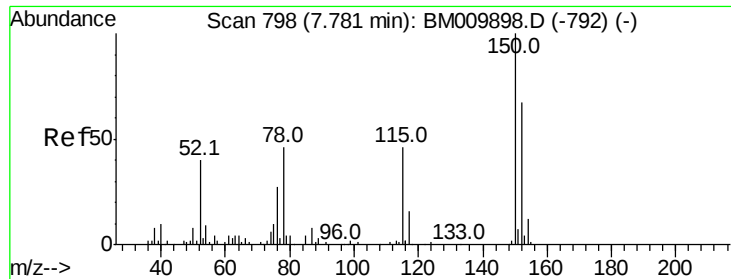
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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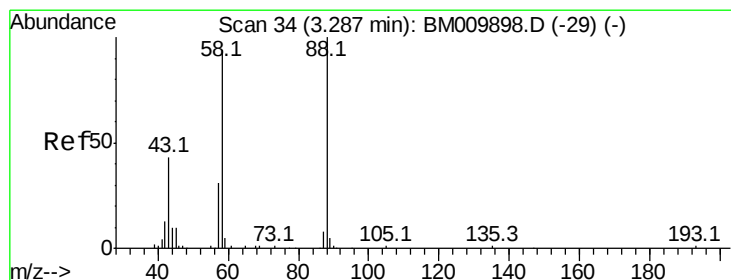
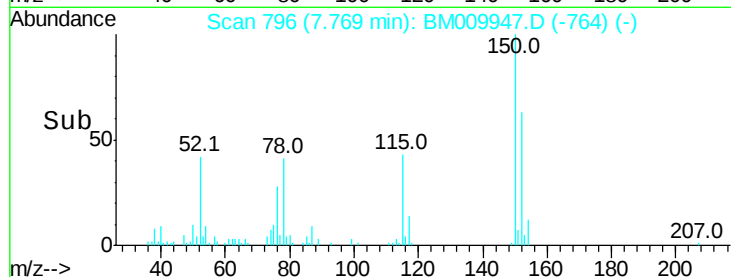
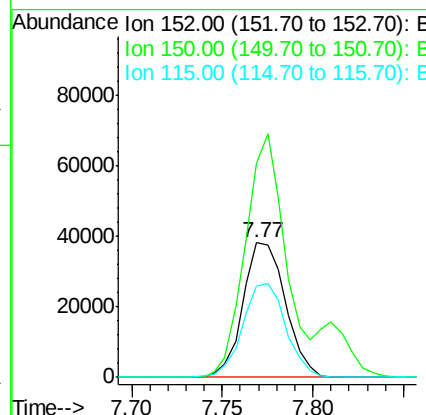
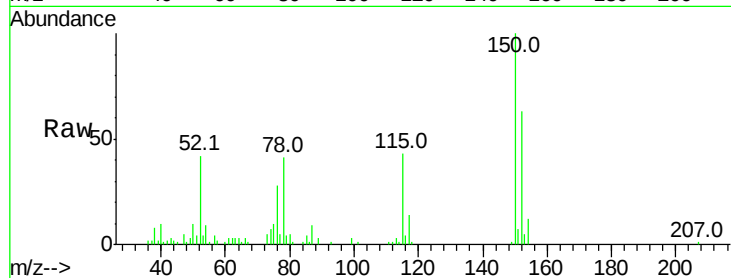


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

Instrument :
BNA_M
ClientSampled :

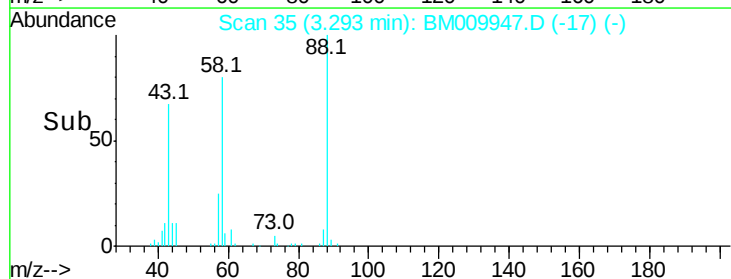
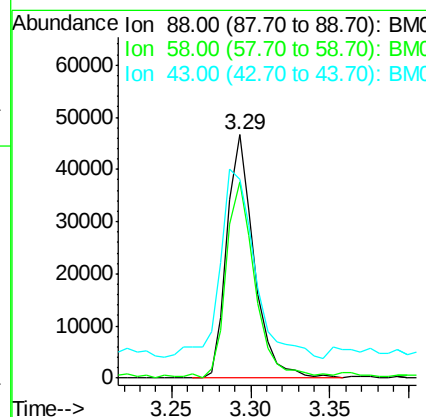
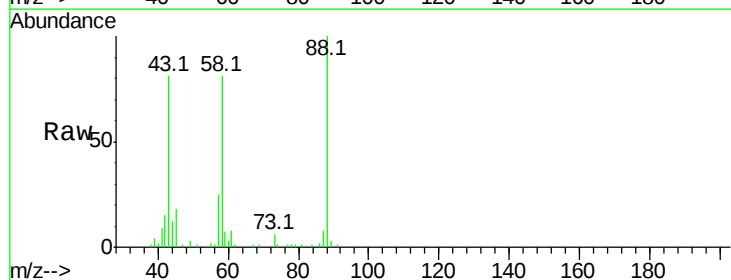
Tot Ion:152 Resp: 62262
Ion Ratio Lower Upper
152 100
150 158.8 119.5 179.3
115 68.2 43.0 64.4#

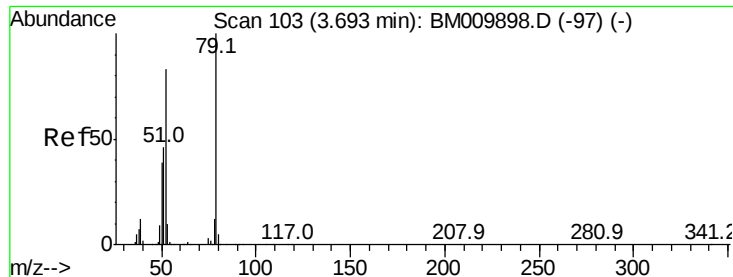


#2

1,4-Dioxane
Concen: 36.91 ng
RT: 3.29 min Scan# 35
Delta R.T. 0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

Tgt Ion: 88 Resp: 55421
Ion Ratio Lower Upper
88 100
58 87.2 0.0 0.0#
43 100.4 0.0 0.0#





#3

Pvridine

Concen: 35.17 ng

RT: 3.70 min Scan# 105

Delta R.T. 0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampled :

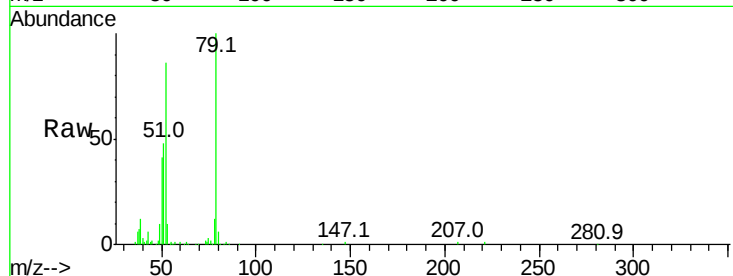
Tot Ion: 79 Resp: 181635

Ion Ratio Lower Upper

79 100

52 85.6 51.1 76.7#

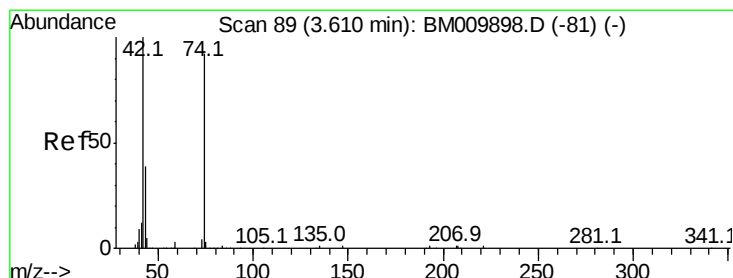
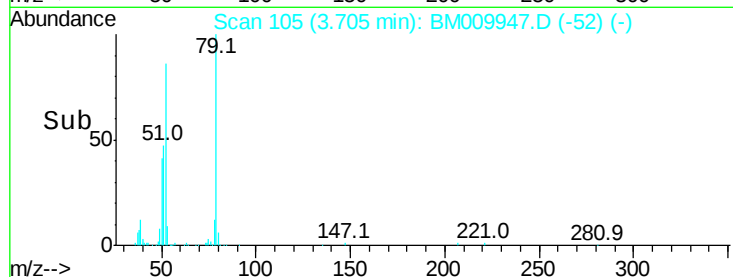
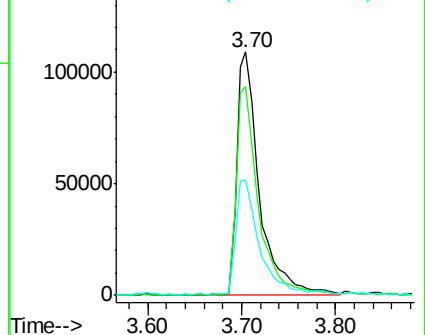
51 47.5 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM009947.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM009947.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM009947.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 45.52 ng

RT: 3.61 min Scan# 89

Delta R.T. 0.00 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

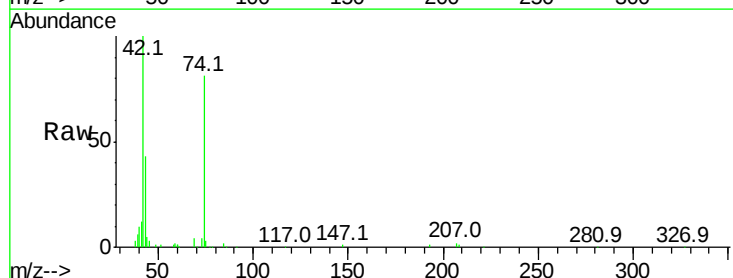
Tgt Ion: 42 Resp: 153373

Ion Ratio Lower Upper

42 100

74 80.9 119.3 178.9#

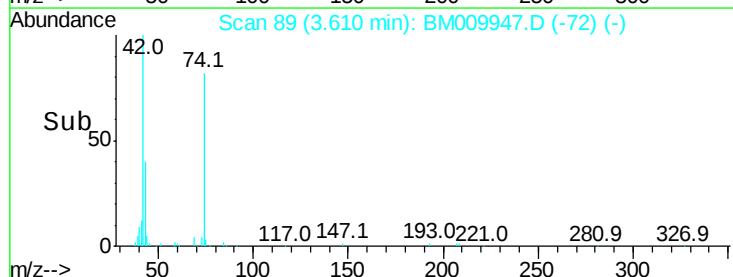
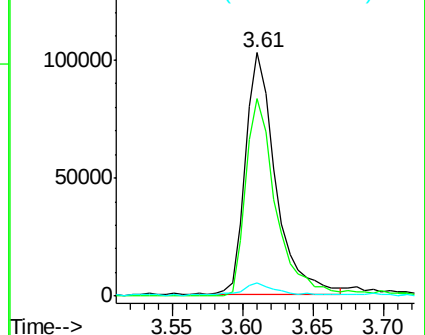
44 5.2 5.4 8.2#

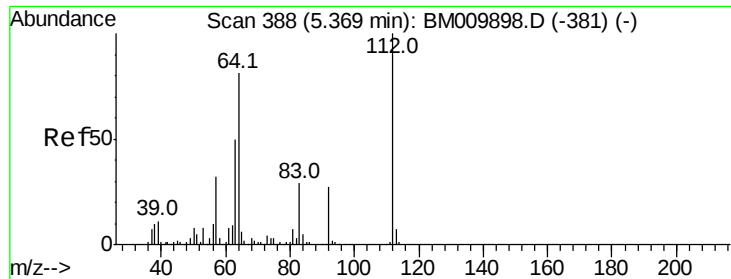


Abundance Ion 42.00 (41.70 to 42.70): BM009947.D (-81) (-)

Ion 74.00 (73.70 to 74.70): BM009947.D (-81) (-)

Ion 44.00 (43.70 to 44.70): BM009947.D (-81) (-)





#5

2-Fluorophenol

Concen: 145.45 ng

RT: 5.37 min Scan# 388

Delta R.T. 0.00 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

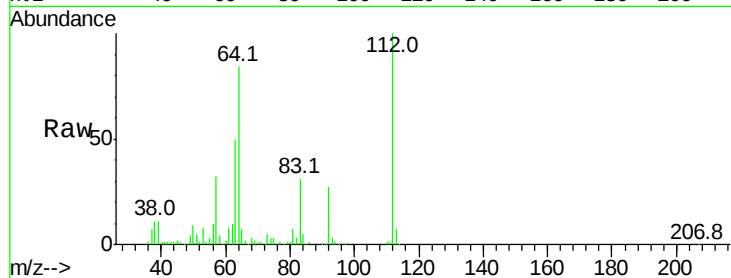
Tot Ion:112 Resp: 568841

Ion Ratio Lower Upper

112 100

64 83.6 38.6 57.8#

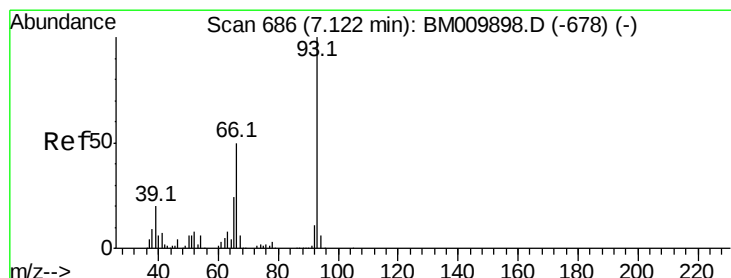
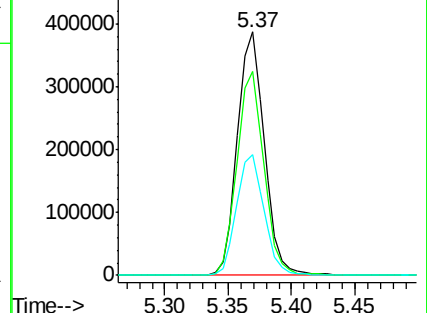
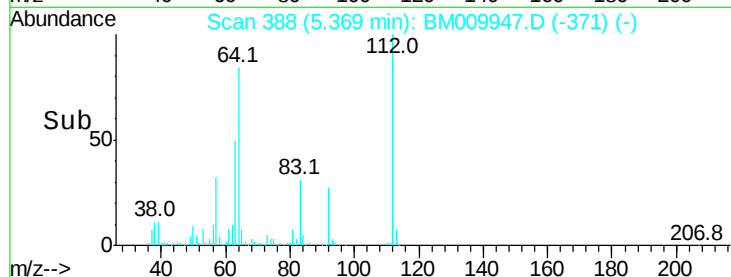
63 49.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 20.00 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

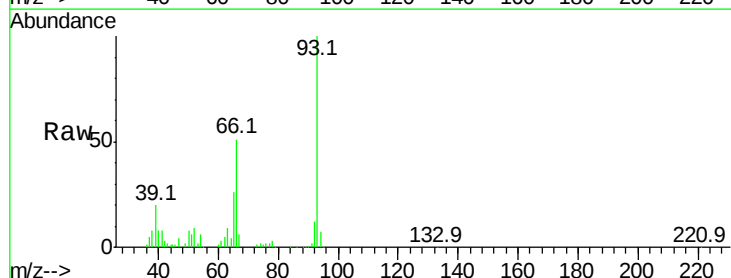
Tgt Ion: 93 Resp: 158510

Ion Ratio Lower Upper

93 100

66 50.6 30.8 46.2#

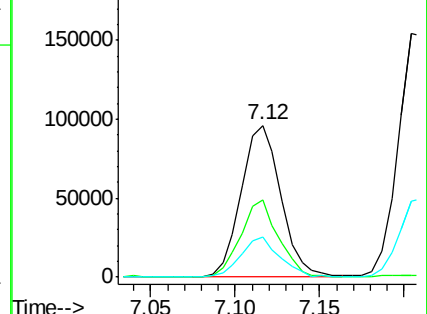
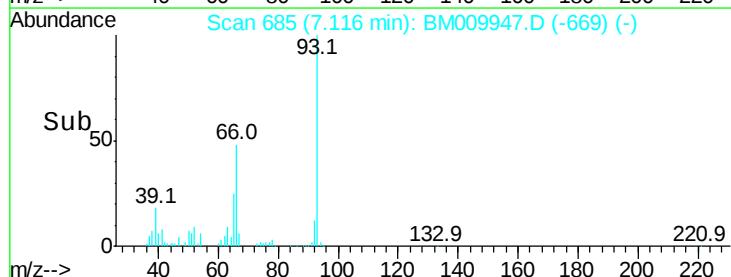
65 26.4 16.0 24.0#

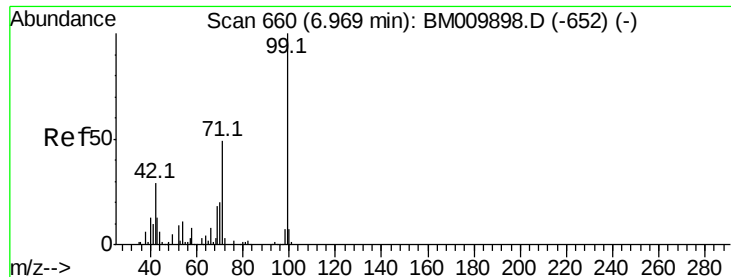


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 138.27 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

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ClientSampleId :

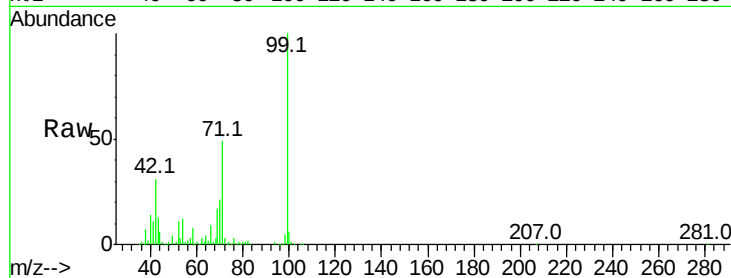
Tot Ion: 99 Resp: 828864

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

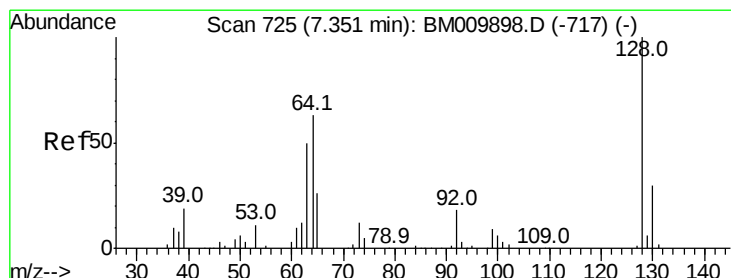
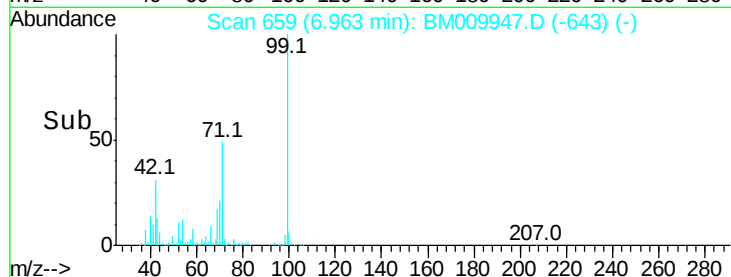
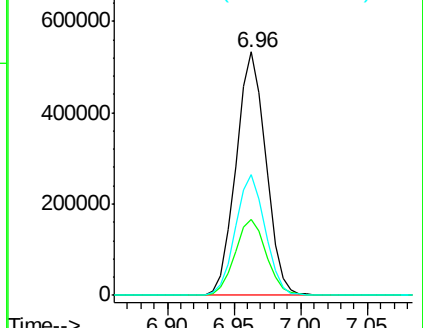
71 49.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)



#8

2-Chlorophenol

Concen: 49.90 ng

RT: 7.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

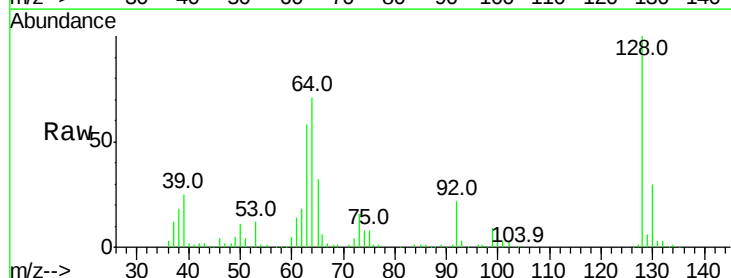
Tgt Ion: 128 Resp: 217244

Ion Ratio Lower Upper

128 100

130 30.1 12.0 52.0

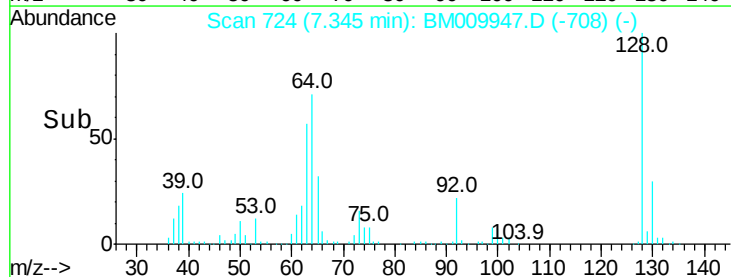
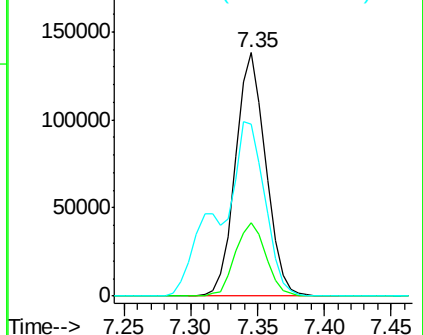
64 70.6 24.9 64.9#

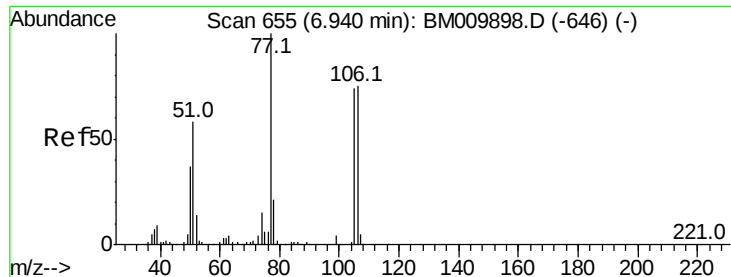


Abundance Ion 128.00 (127.70 to 128.70): BM009898.D (-717) (-)

Ion 130.00 (129.70 to 130.70): BM009898.D (-717) (-)

Ion 64.00 (63.70 to 64.70): BM009898.D (-717) (-)





#9

Benzaldehyde

Concen: 9.23 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

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ClientSampleId :

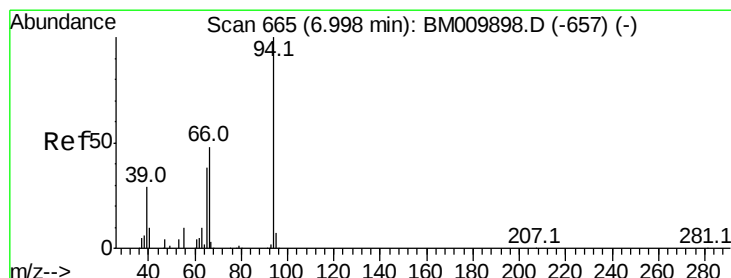
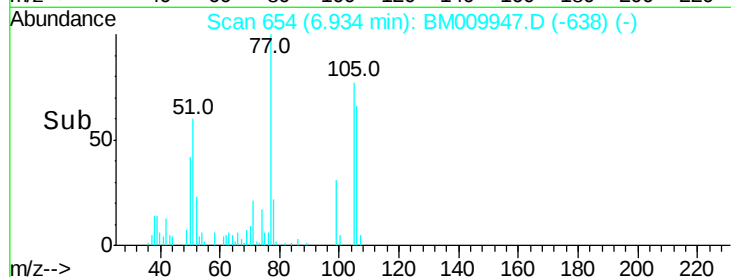
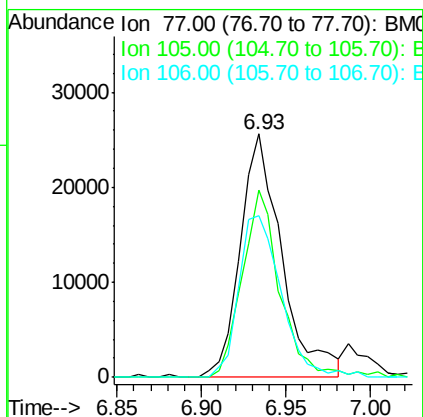
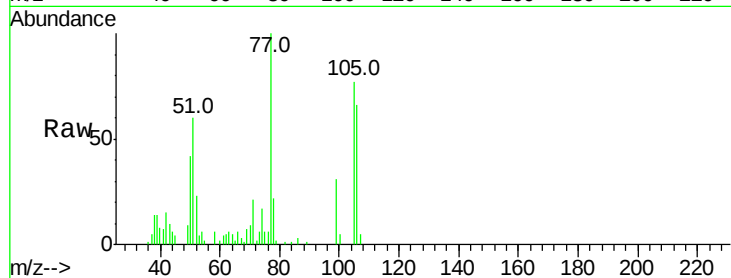
Tot Ion: 77 Resp: 43955

Ion Ratio Lower Upper

77 100

105 77.2 78.8 118.8#

106 66.3 73.7 113.7#



#10

Phenol

Concen: 47.64 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

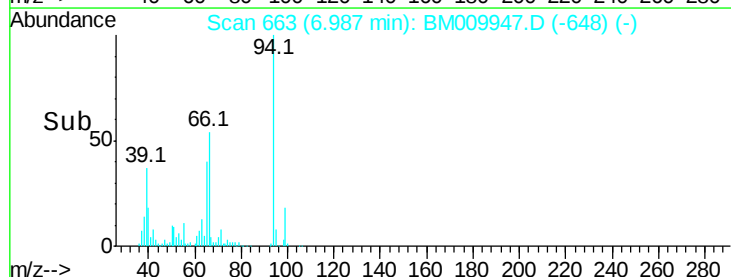
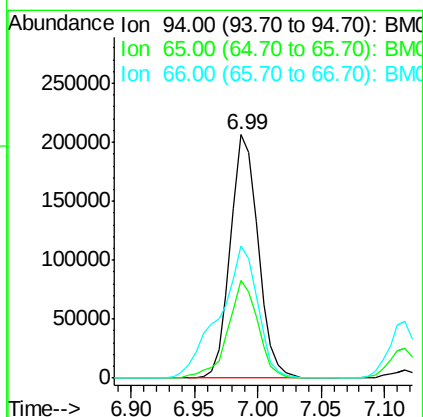
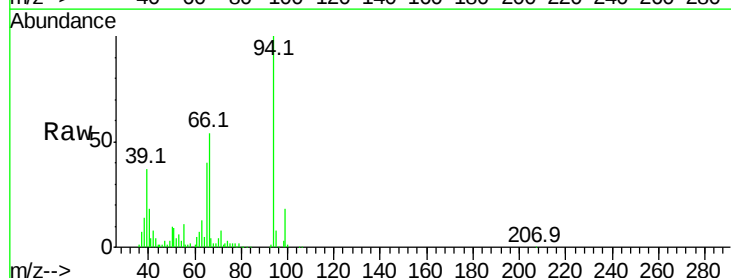
Tgt Ion: 94 Resp: 312673

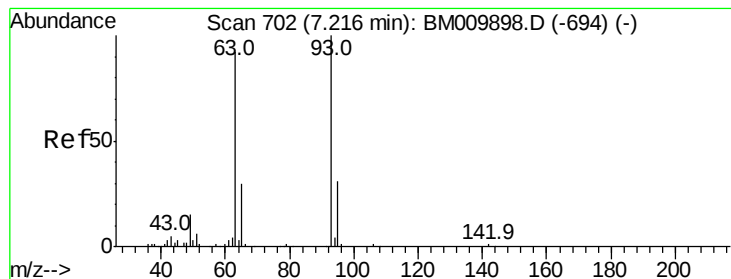
Ion Ratio Lower Upper

94 100

65 40.3 18.8 58.8

66 54.1 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 45.71 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

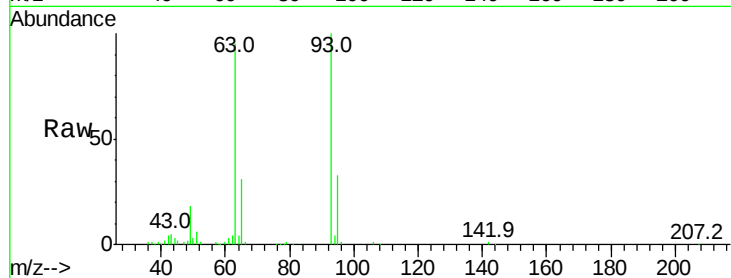
Tot Ion: 93 Resp: 238773

Ion Ratio Lower Upper

93 100

63 95.1 49.5 89.5#

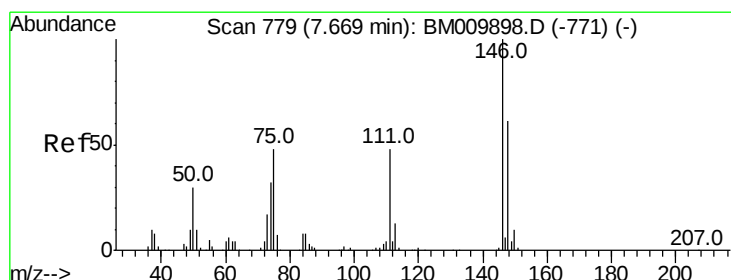
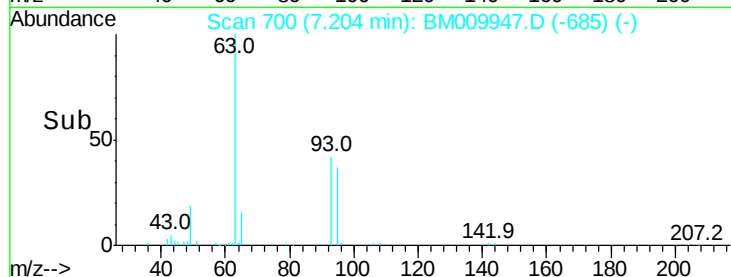
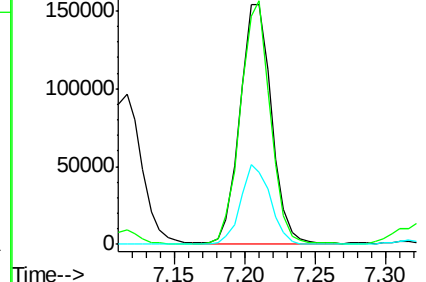
95 33.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM009898.D (-694) (-)

Ion 63.00 (62.70 to 63.70): BM009898.D (-694) (-)

Ion 95.00 (94.70 to 95.70): BM009898.D (-694) (-)



#12

1,3-Dichlorobenzene

Concen: 40.79 ng

RT: 7.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

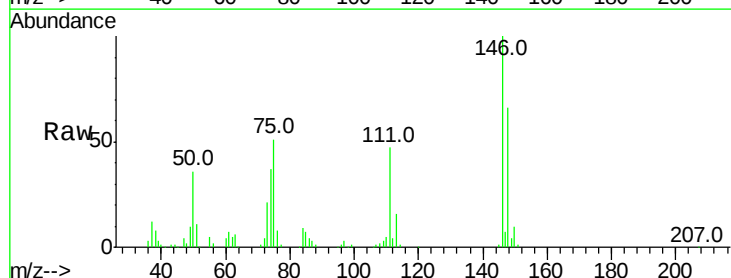
Tgt Ion: 146 Resp: 196824

Ion Ratio Lower Upper

146 100

148 66.0 50.9 76.3

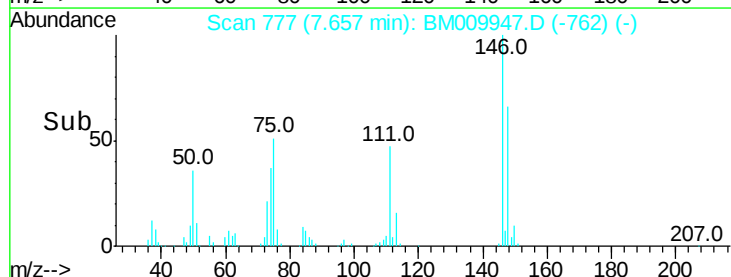
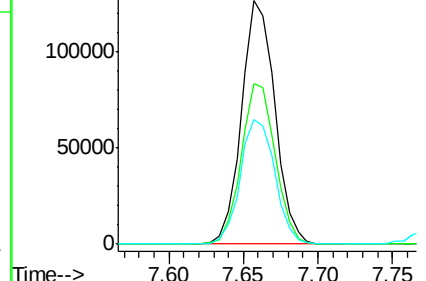
75 51.2 21.4 32.2#

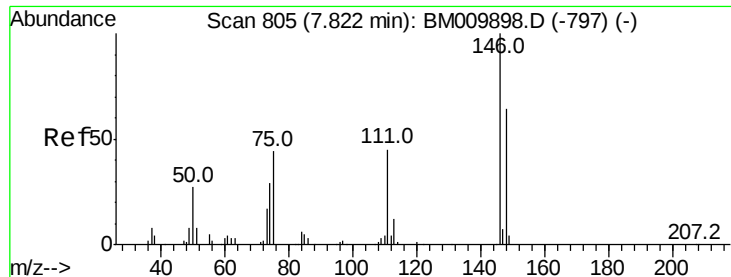


Abundance Ion 146.00 (145.70 to 146.70): BM009898.D (-771) (-)

Ion 148.00 (147.70 to 148.70): BM009898.D (-771) (-)

Ion 75.00 (74.70 to 75.70): BM009898.D (-771) (-)

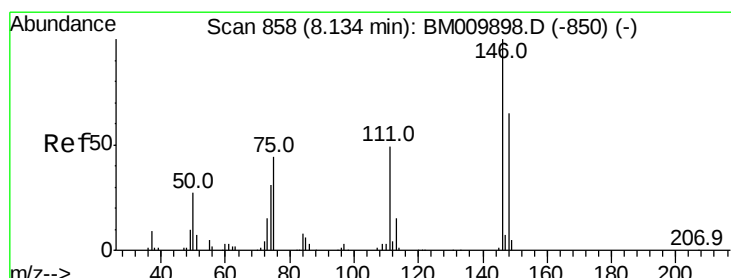
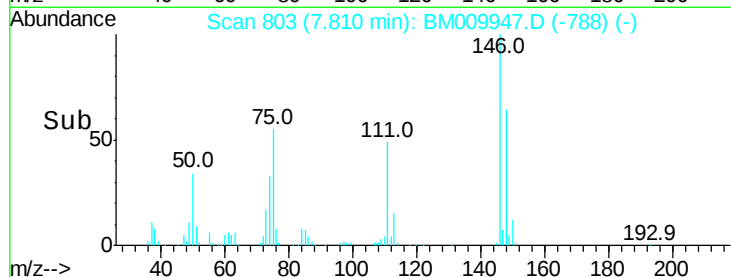
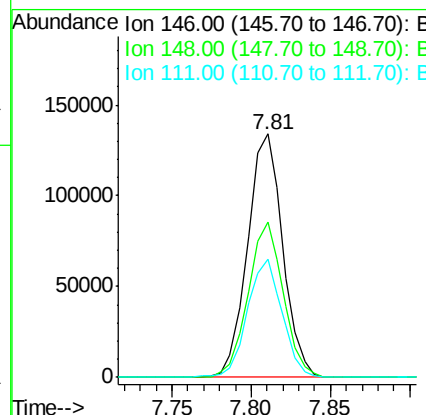
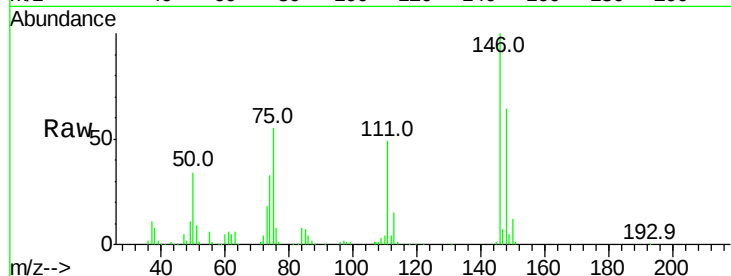




#13
 1,4-Dichlorobenzene
 Concen: 41.44 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

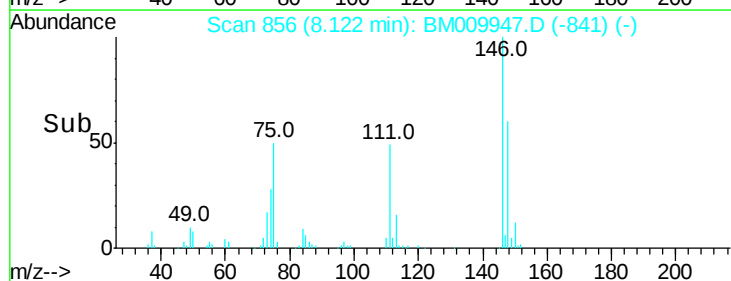
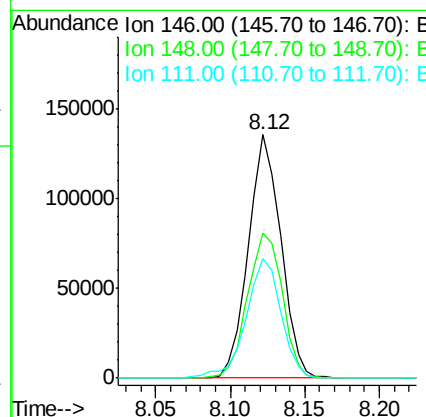
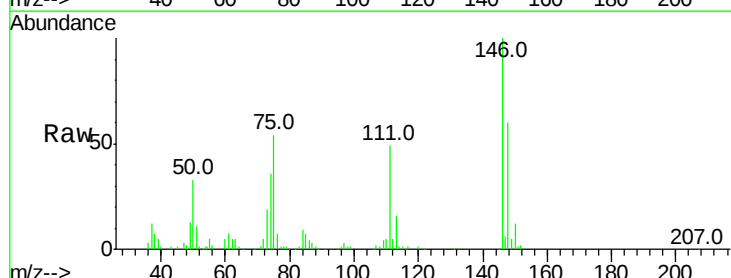
Instrument :
 BNA_M
 ClientSampled :

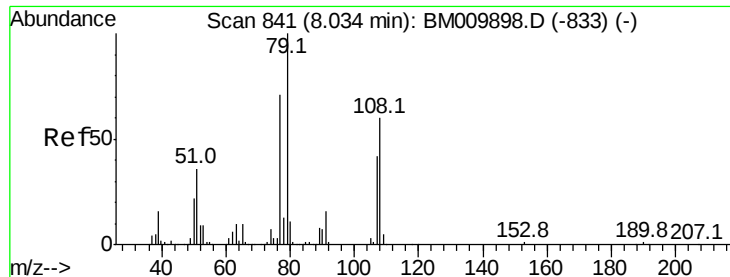
Tot Ion:146 Resp: 206117
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 48.5 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 42.78 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Tgt Ion:146 Resp: 204487
 Ion Ratio Lower Upper
 146 100
 148 59.8 52.3 78.5
 111 49.1 30.6 45.8#





#15

Benzyl Alcohol

Concen: 55.01 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampled :

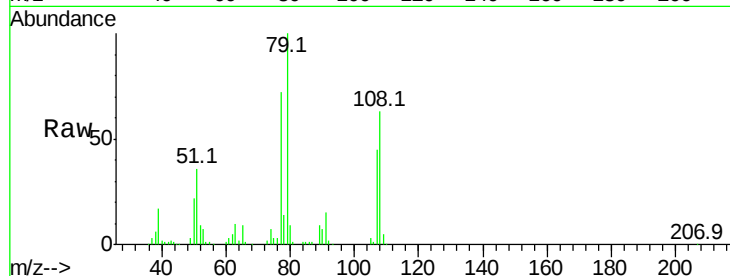
Tot Ion: 79 Resp: 305407

Ion Ratio Lower Upper

79 100

108 62.9 65.0 97.4#

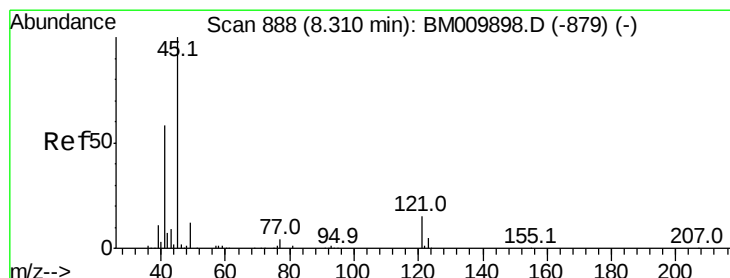
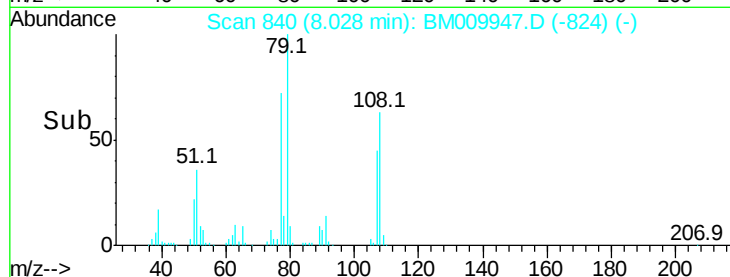
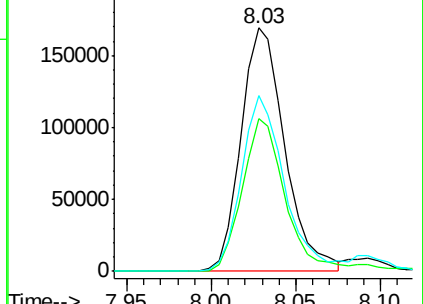
77 72.2 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM009898.D (-833) (-)

Ion 108.00 (107.70 to 108.70): BM009898.D (-833) (-)

Ion 77.00 (76.70 to 77.70): BM009898.D (-833) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.08 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

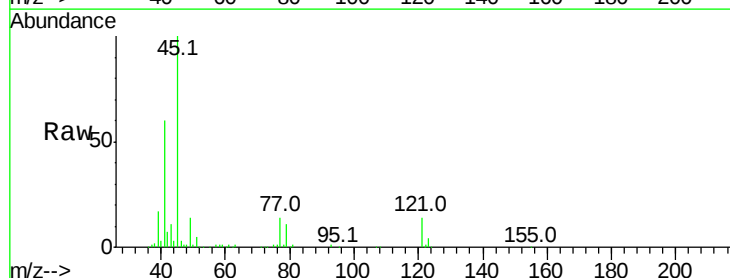
Tgt Ion: 45 Resp: 425608

Ion Ratio Lower Upper

45 100

77 13.6 0.0 35.2

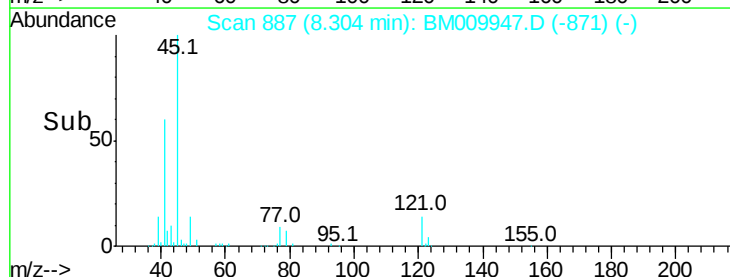
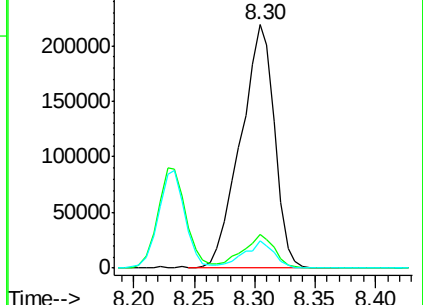
79 11.3 0.0 32.0

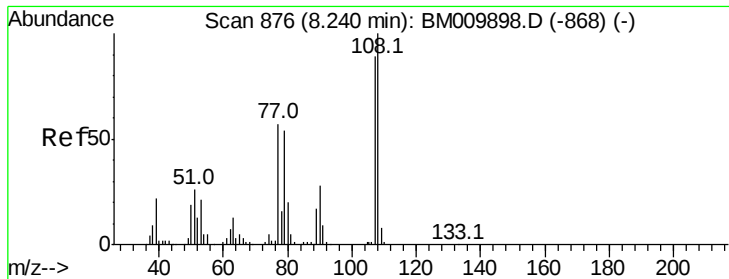


Abundance Ion 45.00 (44.70 to 45.70): BM009898.D (-879) (-)

Ion 77.00 (76.70 to 77.70): BM009898.D (-879) (-)

Ion 79.00 (78.70 to 79.70): BM009898.D (-879) (-)





#17

2-Methylphenol

Concen: 47.99 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 212111

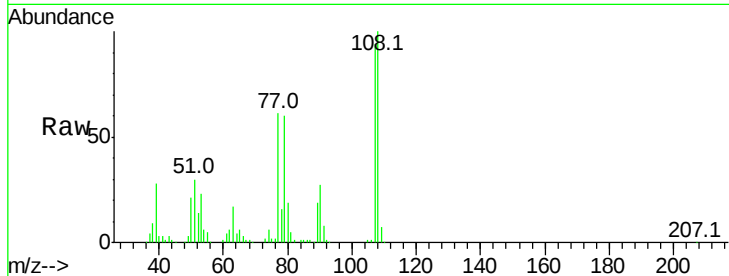
Ion Ratio Lower Upper

107 100

108 105.8 89.8 134.8

77 65.0 32.6 48.8#

79 63.7 32.8 49.2#

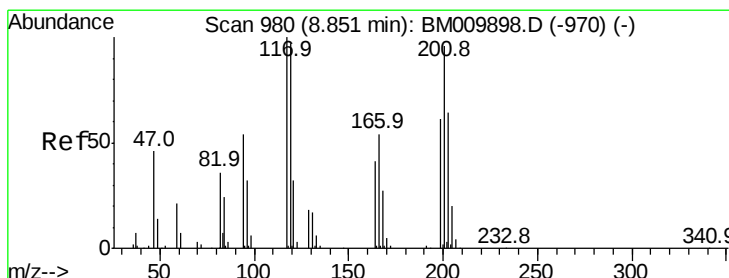
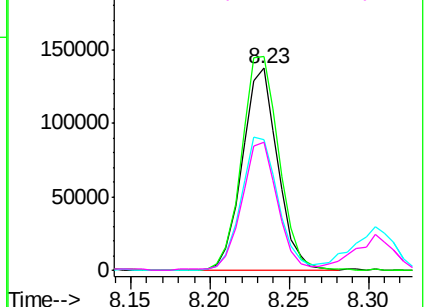
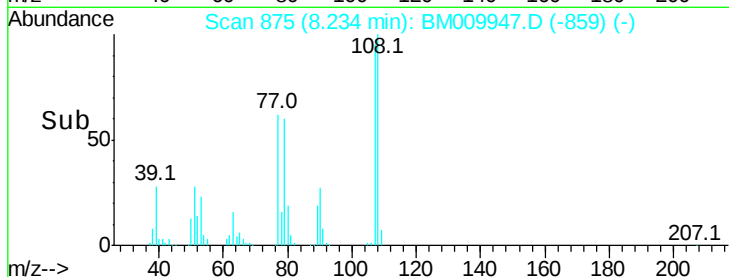


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 43.12 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.02 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

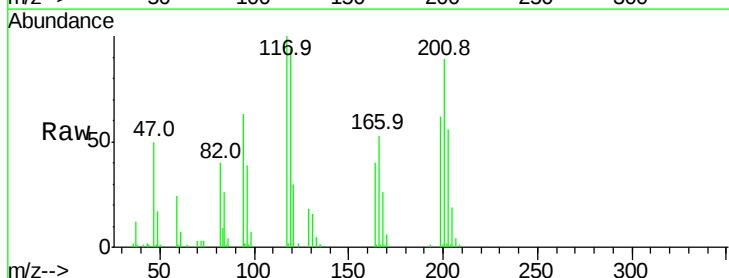
Tgt Ion:117 Resp: 95024

Ion Ratio Lower Upper

117 100

119 93.5 79.2 118.8

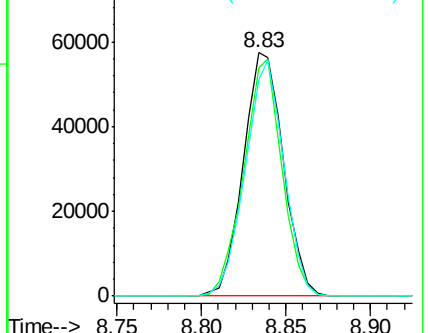
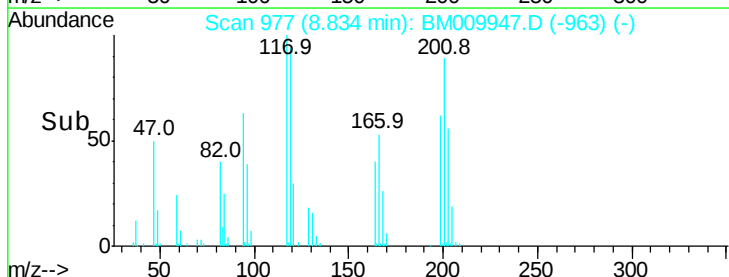
201 88.8 69.8 104.6

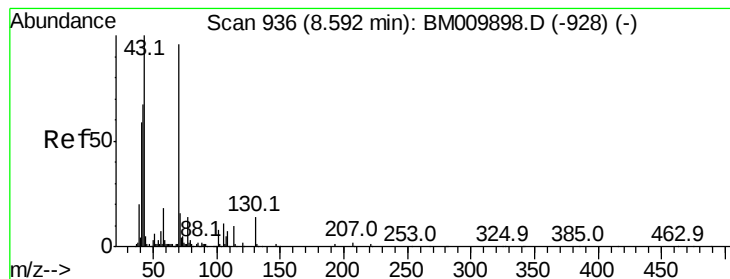


Abundance Ion 117.00 (116.70 to 117.70): E

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: 46.92 ng

RT: 8.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 266674

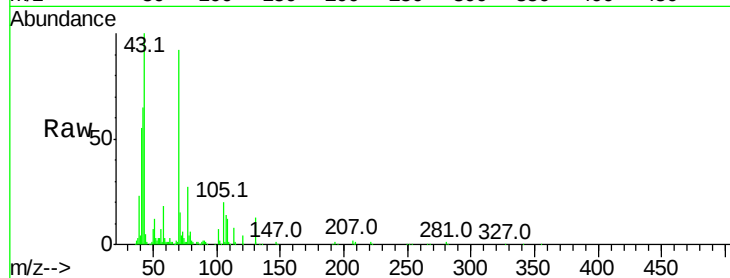
Ion Ratio Lower Upper

70 100

42 71.1 44.5 66.7#

101 7.6 7.4 11.2

130 14.2 15.3 22.9#

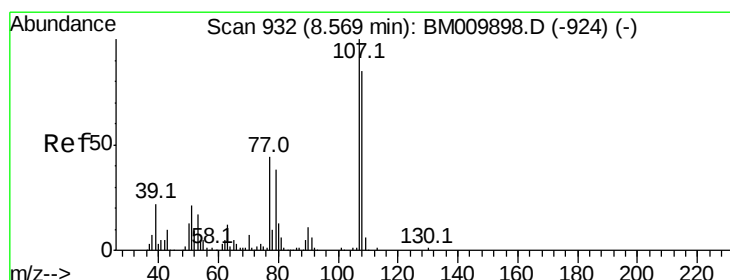
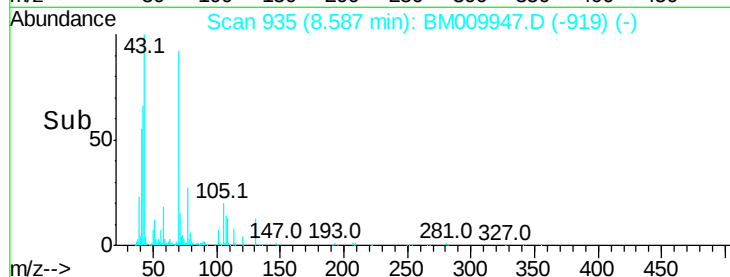
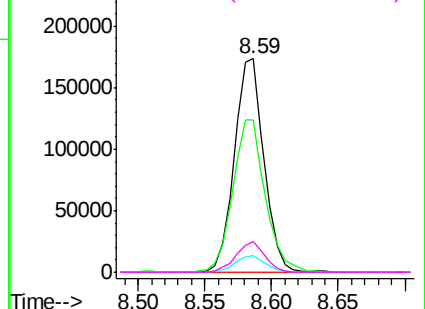


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 50.74 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Tgt Ion:107 Resp: 308158

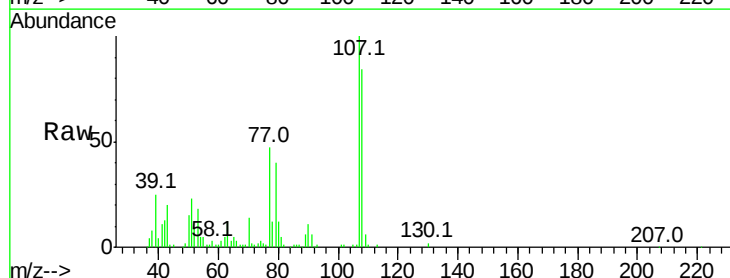
Ion Ratio Lower Upper

107 100

108 84.1 73.2 113.2

77 47.5 10.7 50.7

79 40.0 9.6 49.6

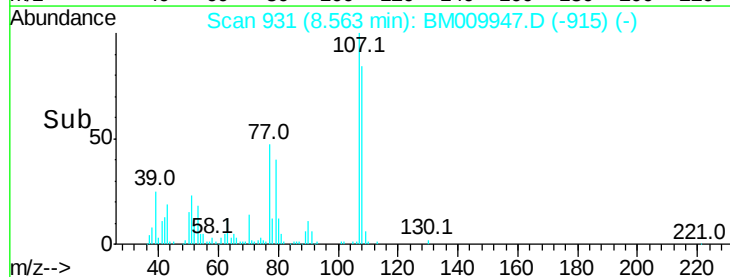
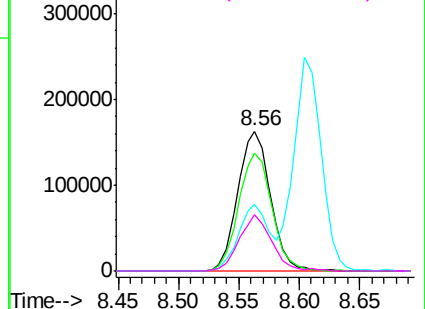


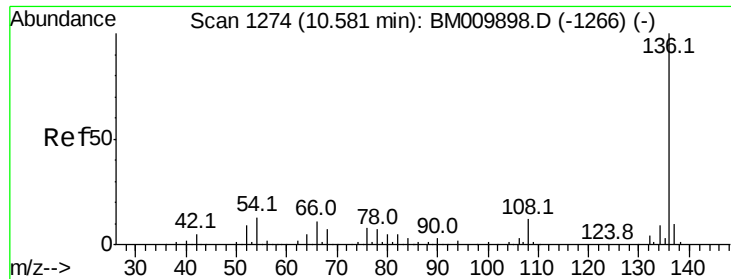
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

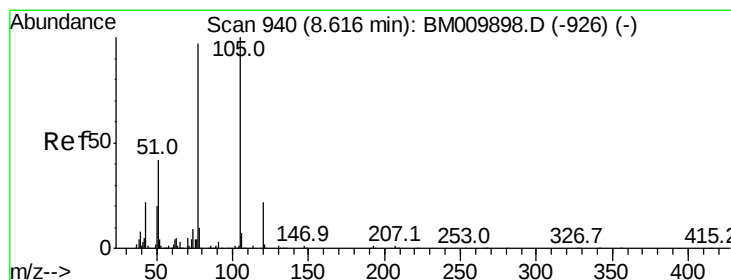
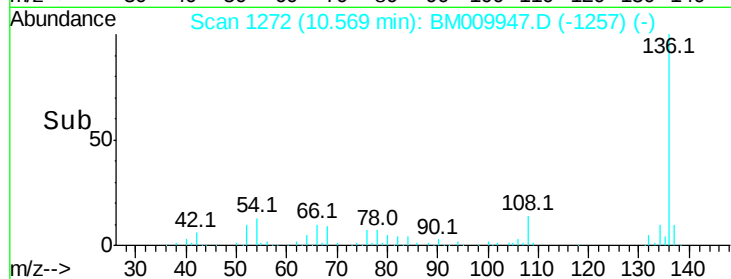
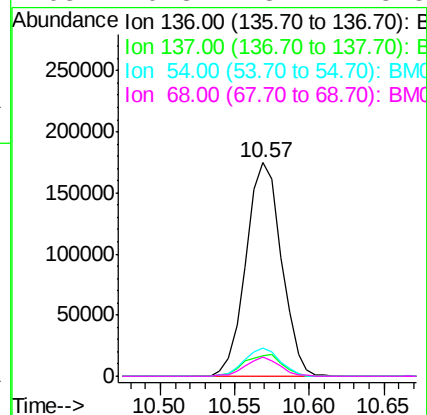
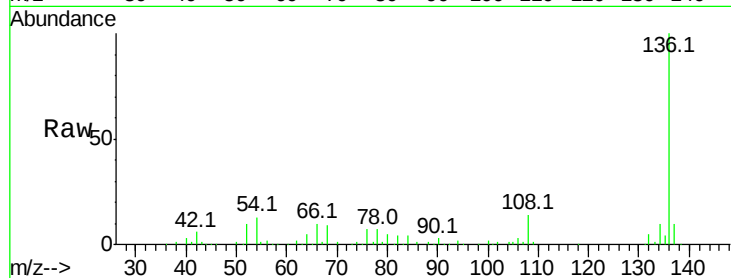




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

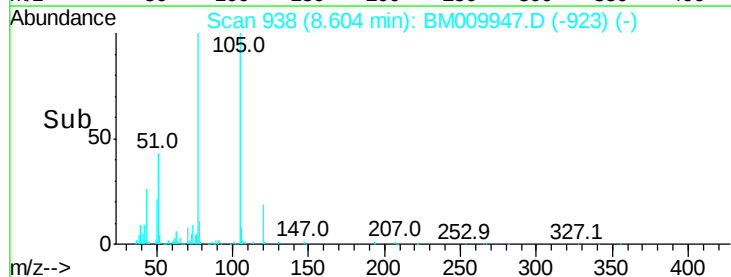
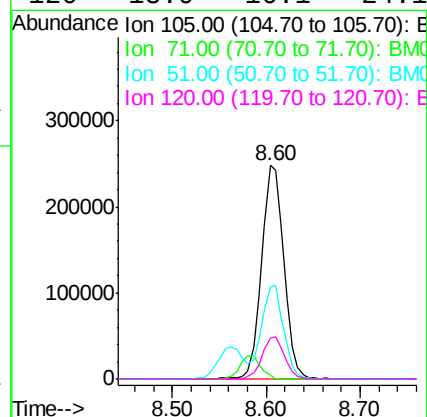
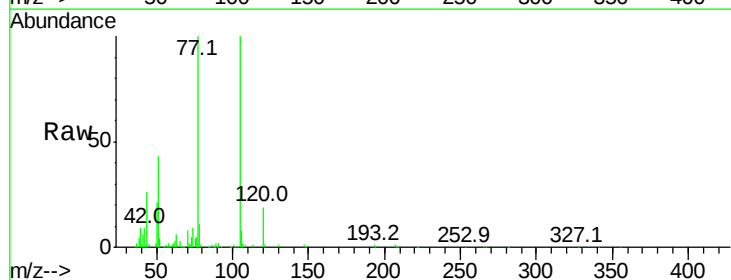
Instrument :
BNA_M
ClientSampleId :

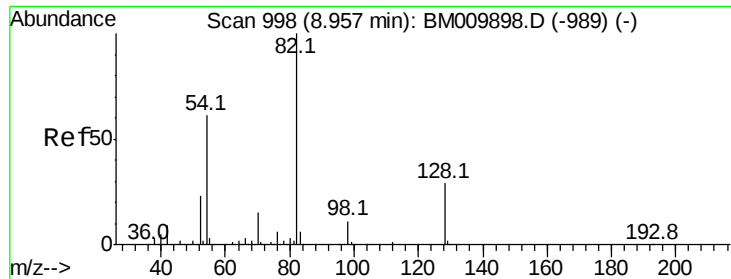
Tot Ion:	136	Resp:	287391
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	13.1	4.6	6.8#
68	9.3	3.7	5.5#



#22
Acetophenone
Concen: 45.45 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

Tgt Ion:	105	Resp:	408624
Ion	Ratio	Lower	Upper
105	100		
71	1.6	0.6	1.0#
51	42.9	21.6	32.4#
120	18.9	16.1	24.1

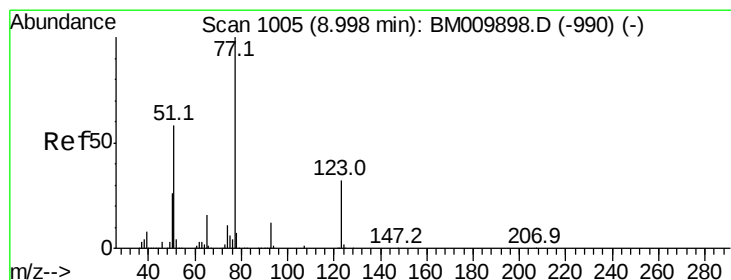
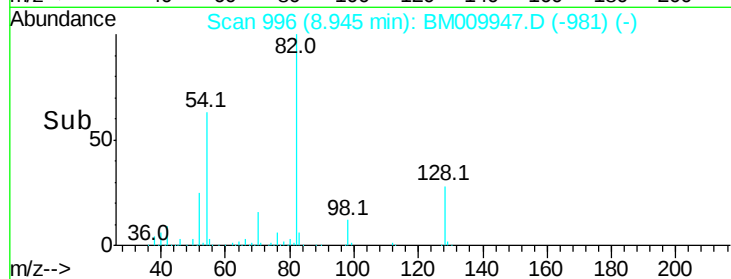
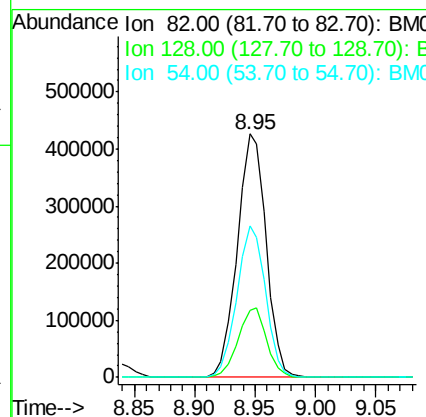
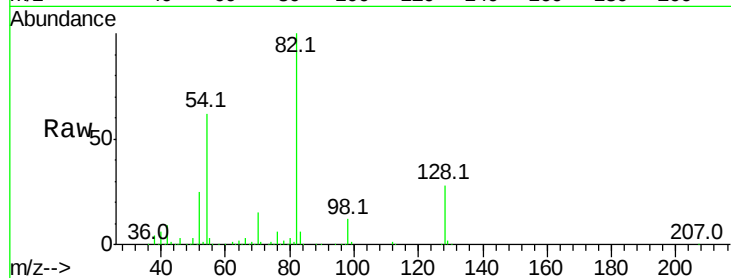




#23
 Nitrobenzene-d5
 Concen: 89.46 ng
 RT: 8.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

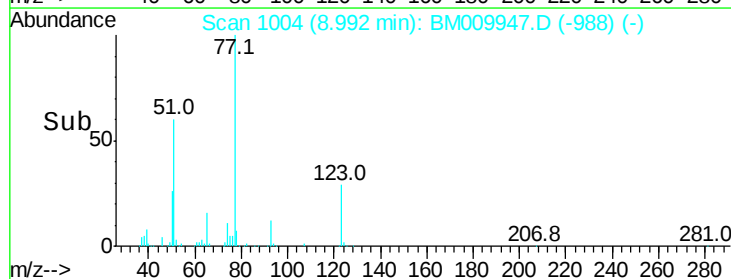
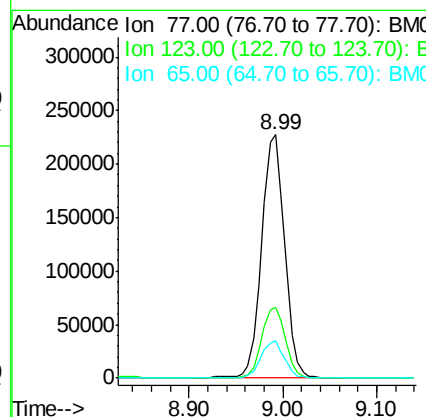
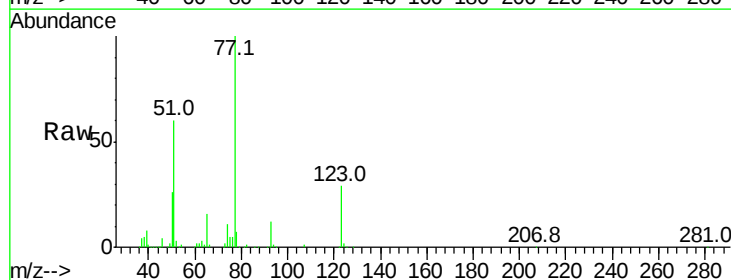
Instrument :
 BNA_M
 ClientSampleId :

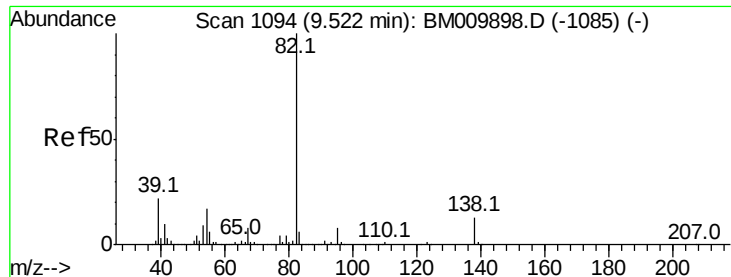
Tot Ion: 82 Resp: 710418
 Ion Ratio Lower Upper
 82 100
 128 27.7 32.8 49.2#
 54 62.1 40.6 60.8#



#24
 Nitrobenzene
 Concen: 46.87 ng
 RT: 8.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Tgt Ion: 77 Resp: 386383
 Ion Ratio Lower Upper
 77 100
 123 29.2 32.6 49.0#
 65 15.5 10.9 16.3





#25

Isophorone

Concen: 48.63 ng

RT: 9.51 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

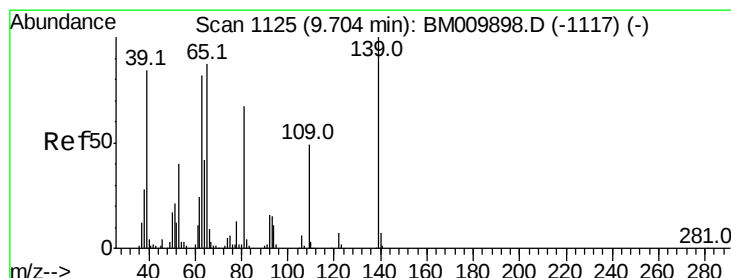
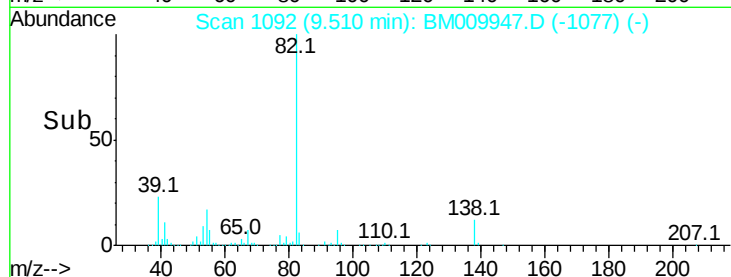
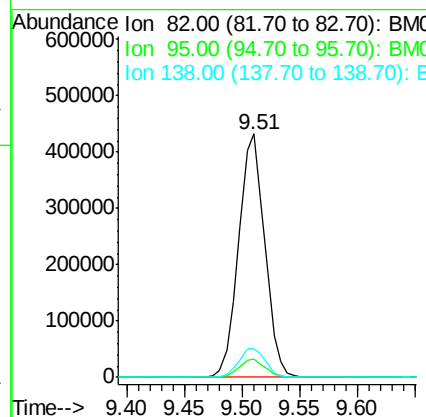
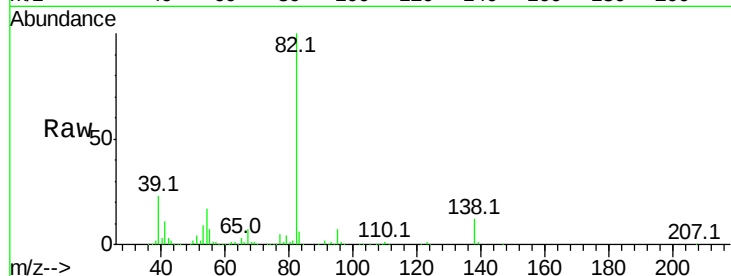
Tot Ion: 82 Resp: 681353

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 11.8 16.3 24.5#



#26

2-Nitrophenol

Concen: 46.07 ng

RT: 9.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

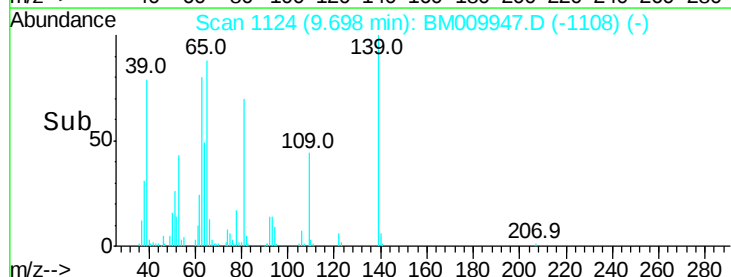
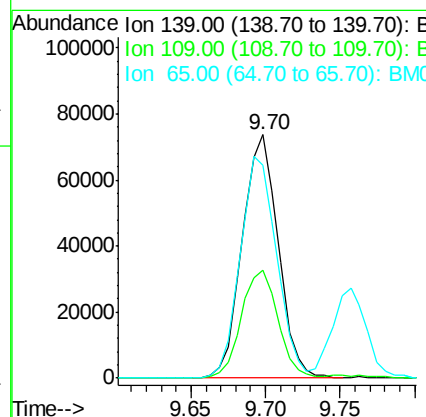
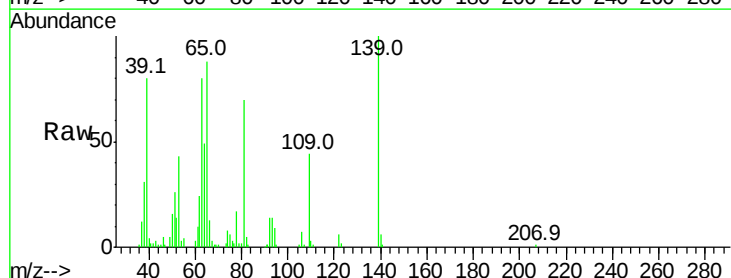
Tgt Ion: 139 Resp: 122849

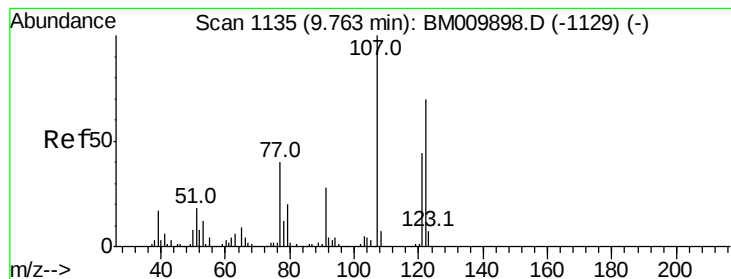
Ion Ratio Lower Upper

139 100

109 44.3 20.1 30.1#

65 87.7 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 47.73 ng

RT: 9.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampled :

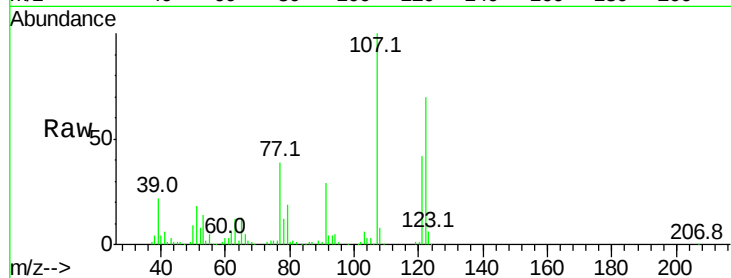
Tot Ion:122 Resp: 229020

Ion Ratio Lower Upper

122 100

107 143.2 84.7 127.1#

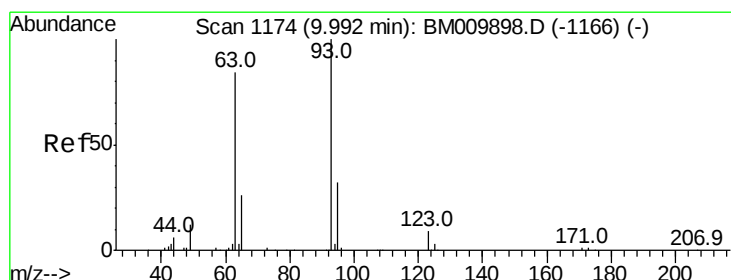
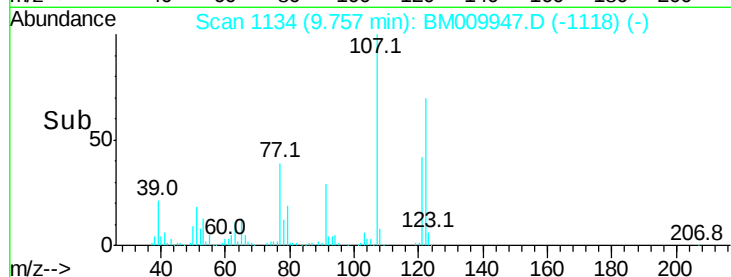
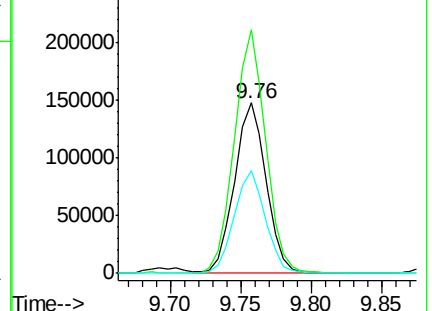
121 60.7 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.21 ng

RT: 9.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

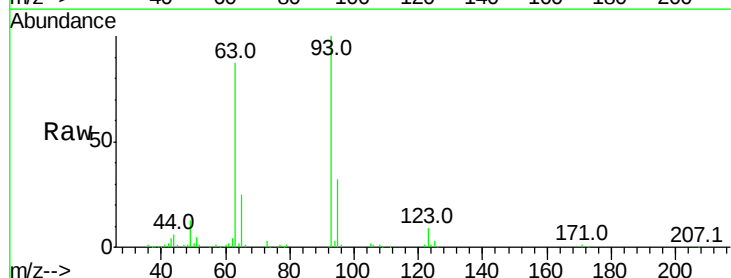
Tgt Ion: 93 Resp: 368605

Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

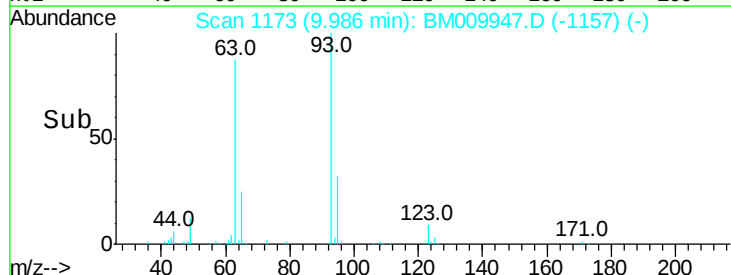
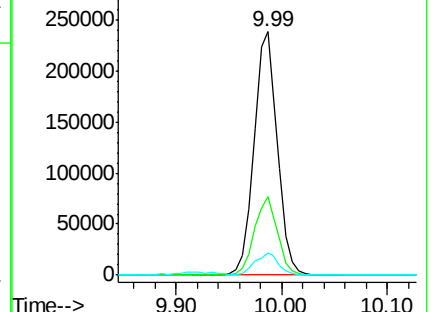
123 9.2 8.6 13.0

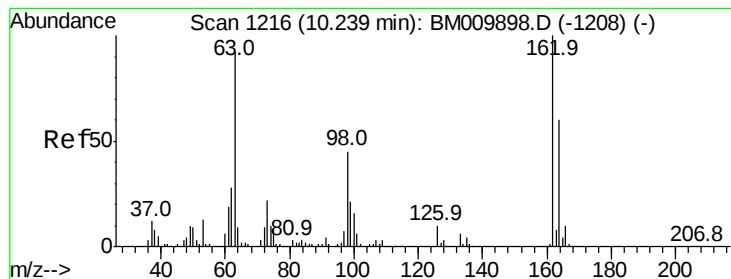


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.23 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

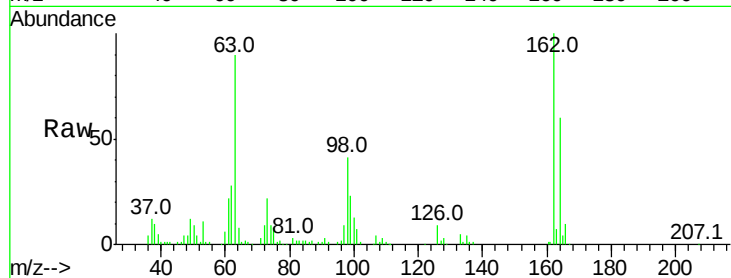
Tot Ion:162 Resp: 231009

Ion Ratio Lower Upper

162 100

164 60.0 42.8 82.8

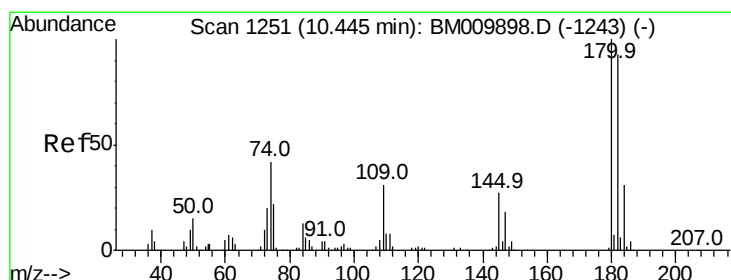
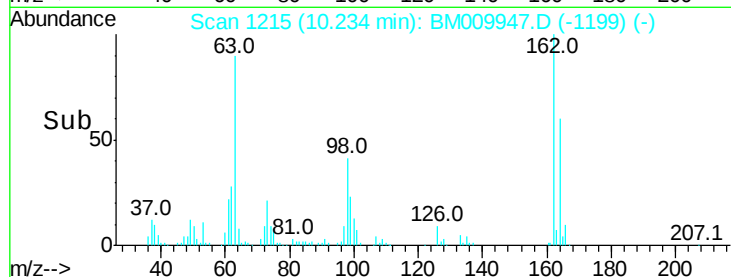
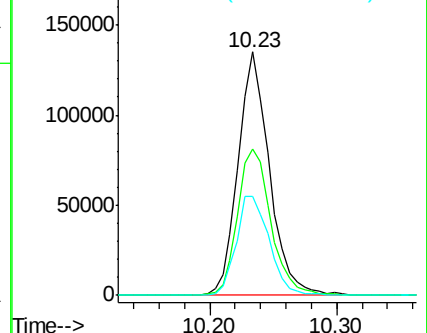
98 40.5 14.5 54.5



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: 42.82 ng

RT: 10.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

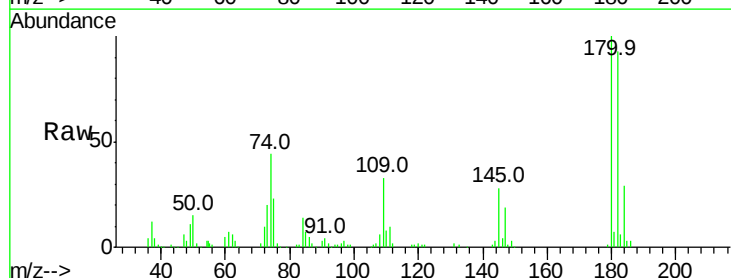
Tgt Ion:180 Resp: 230162

Ion Ratio Lower Upper

180 100

182 92.7 77.6 116.4

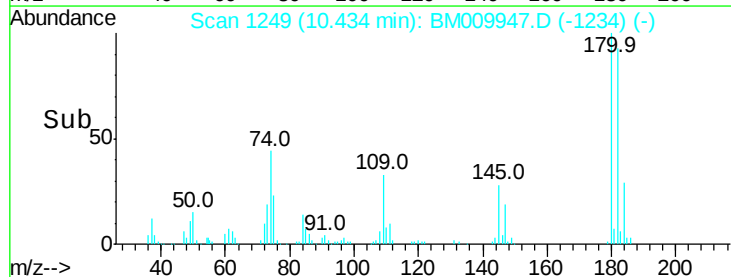
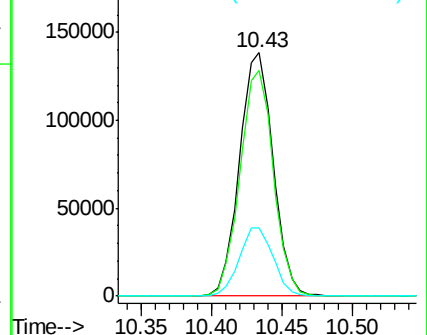
145 27.9 23.4 35.2

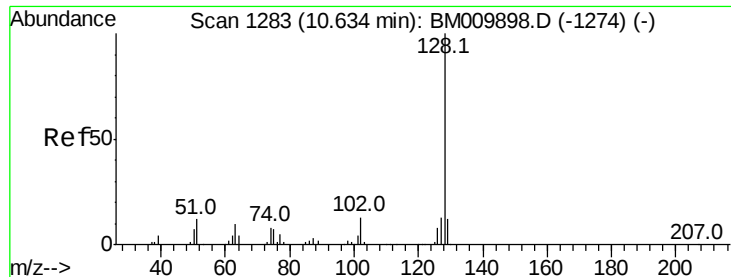


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

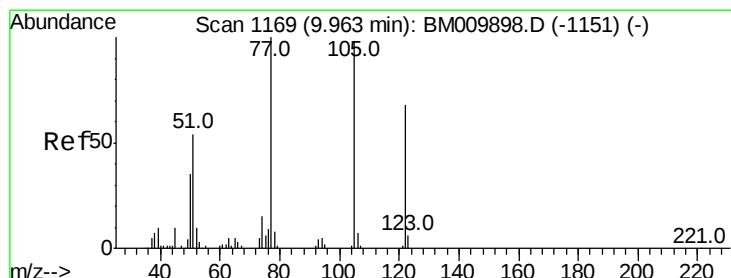
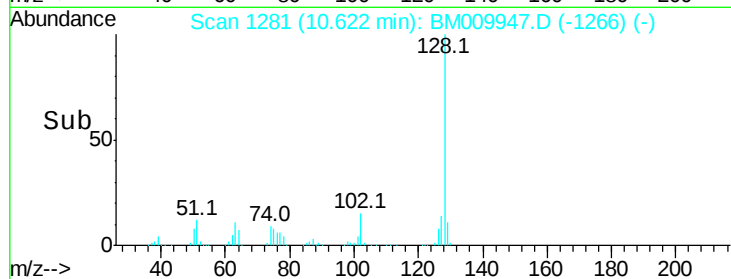
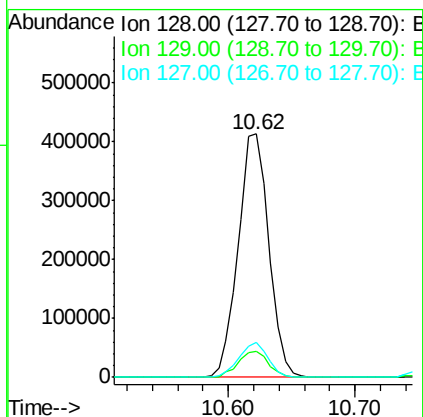
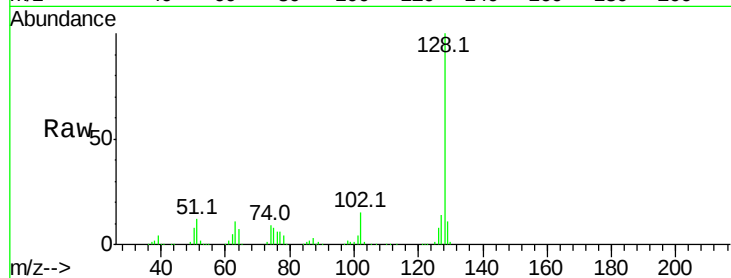




#31
Naphthalene
Concen: 43.84 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

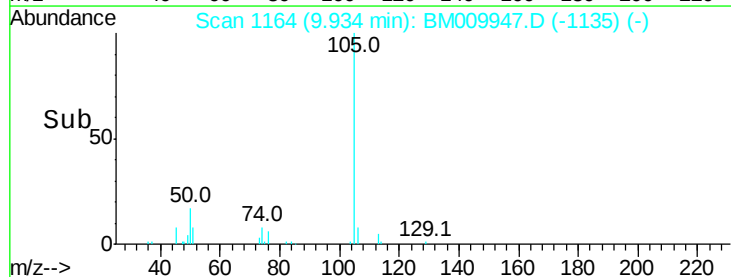
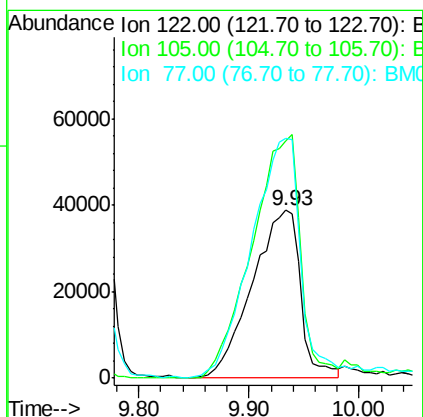
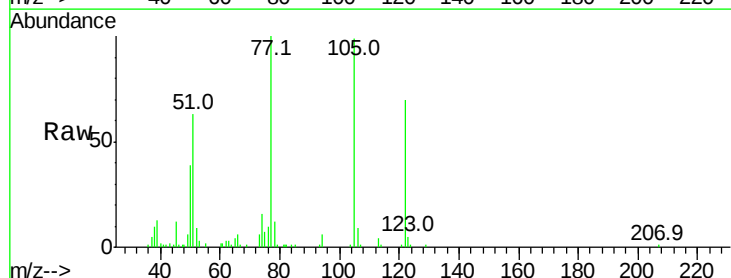
Instrument :
BNA_M
ClientSampleId :

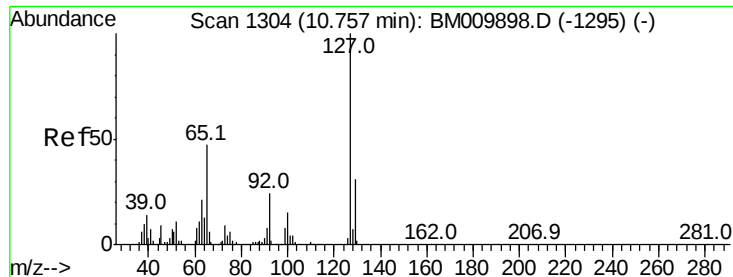
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	14.2	10.4	15.6



#32
Benzoic acid
Concen: 37.86 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.2	99.9	139.9#
77	143.1	73.7	113.7#

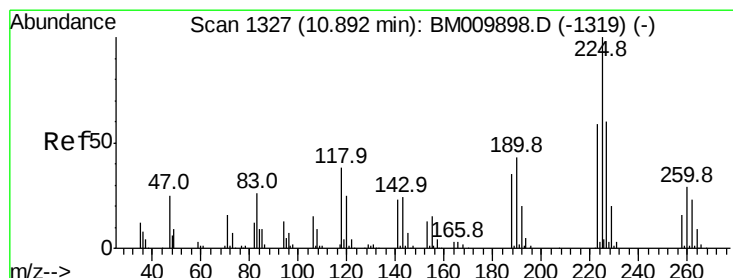
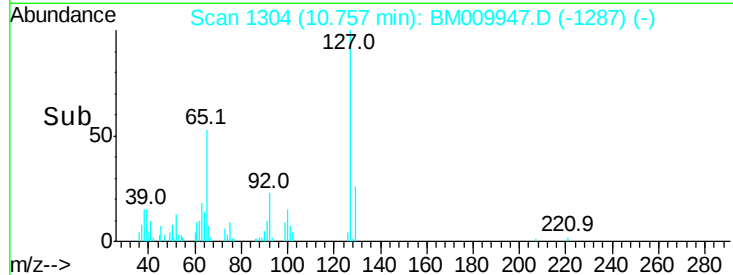
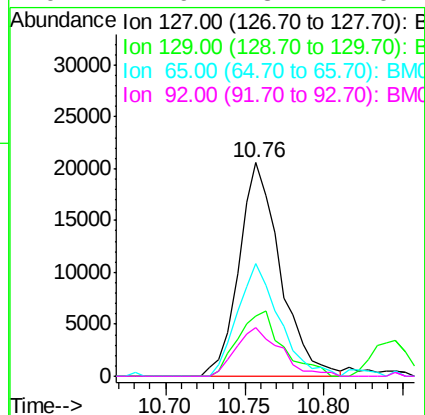
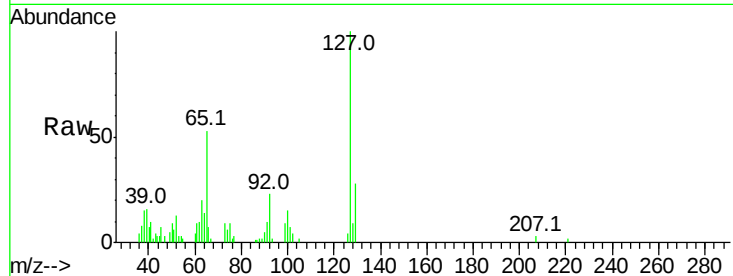




#33
4-Chloroaniline
Concen: 5.58 ng
RT: 10.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

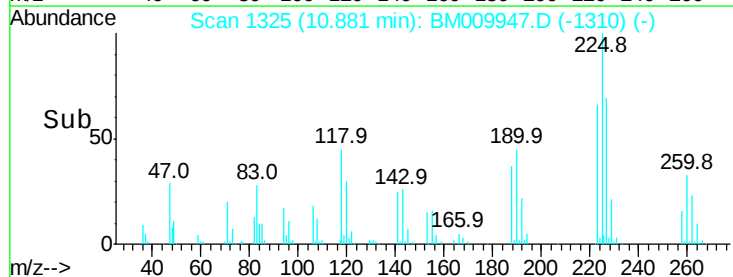
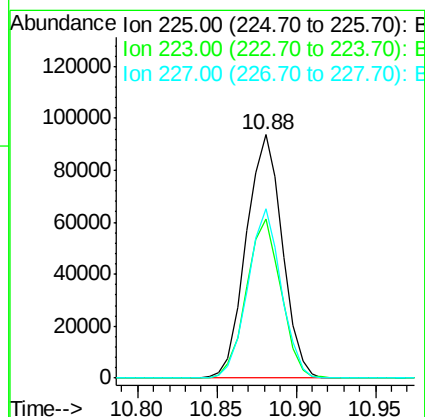
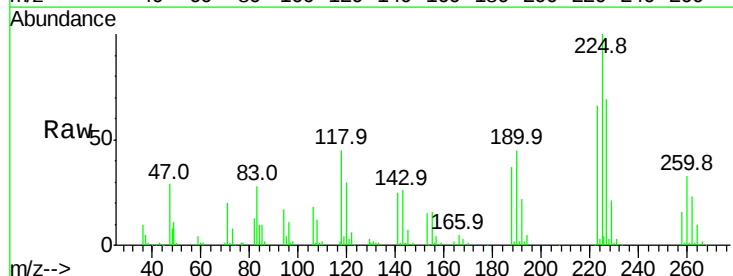
Instrument :
BNA_M
ClientSampleId :

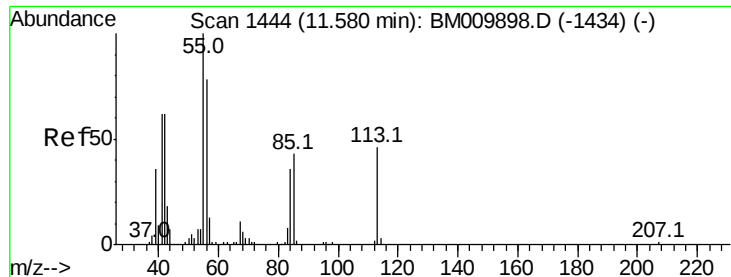
Tot Ion:	127	Resp:	37164
Ion	Ratio	Lower	Upper
127	100		
129	28.0	25.3	37.9
65	52.8	17.6	26.4
92	22.9	13.1	19.7



#34
Hexachlorobutadiene
Concen: 39.60 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

Tgt Ion:	225	Resp:	148111
Ion	Ratio	Lower	Upper
225	100		
223	65.6	47.9	71.9
227	69.5	50.1	75.1





#35

Caprolactam

Concen: 22.90 ng

RT: 11.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

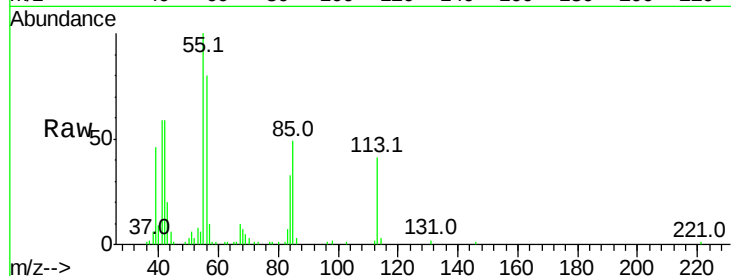
Tot Ion:113 Resp: 40173

Ion Ratio Lower Upper

113 100

55 246.7 145.9 185.9#

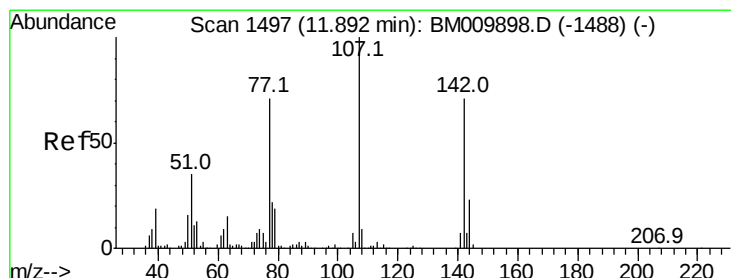
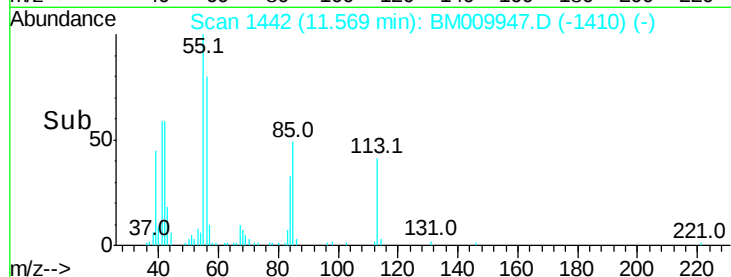
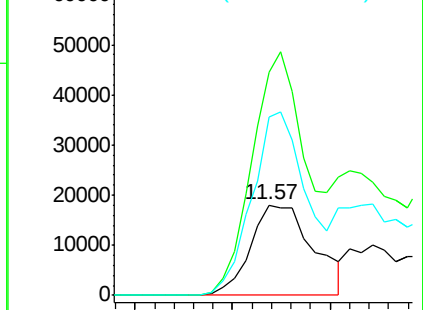
56 197.6 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 48.59 ng

RT: 11.89 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

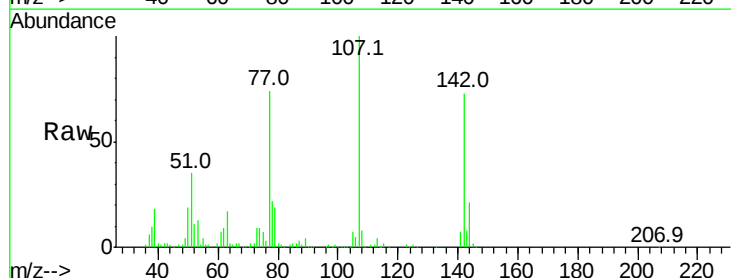
Tgt Ion:107 Resp: 303514

Ion Ratio Lower Upper

107 100

144 21.2 23.3 34.9#

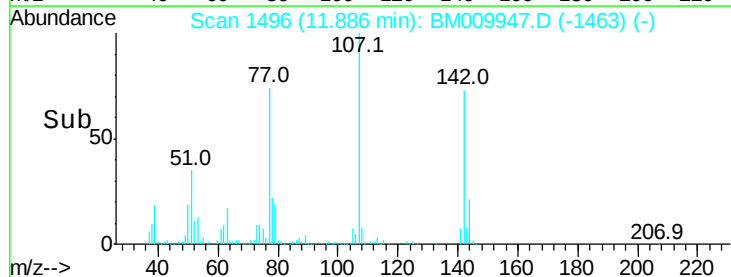
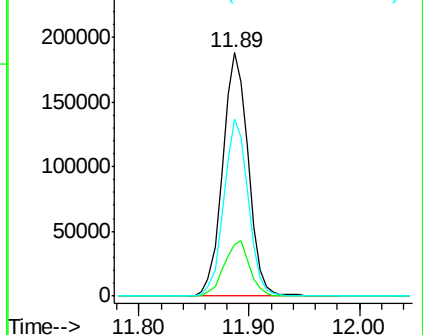
142 72.7 72.6 109.0

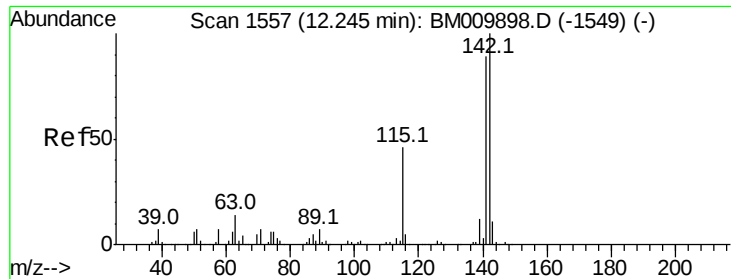


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

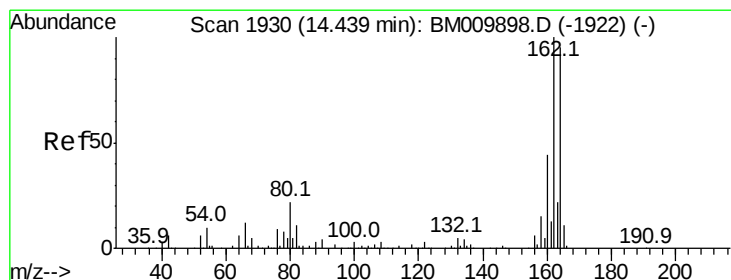
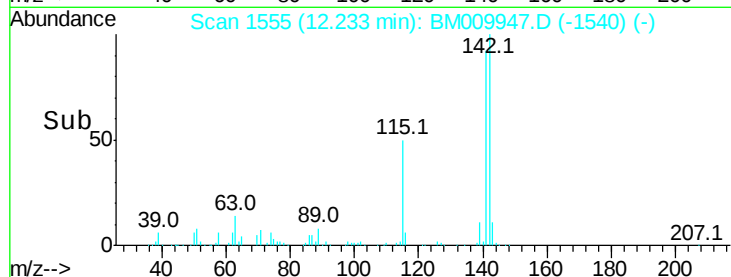
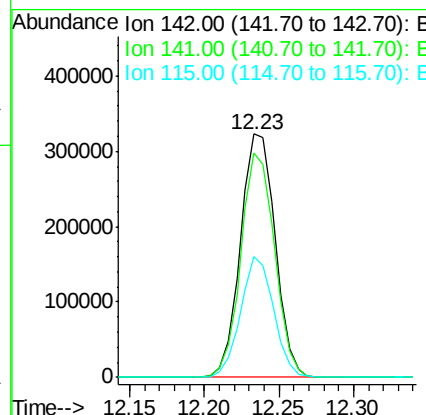
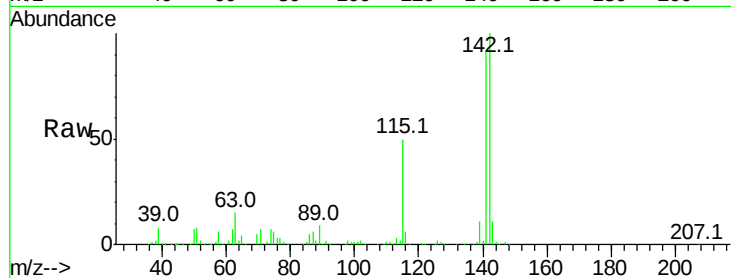




#37
2-Methylnaphthalene
Concen: 46.74 ng
RT: 12.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

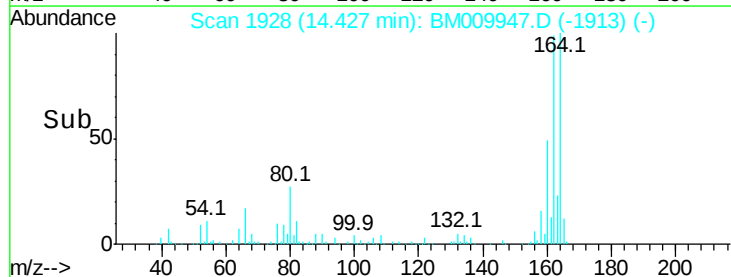
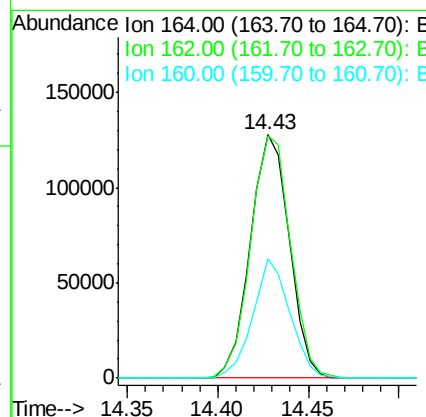
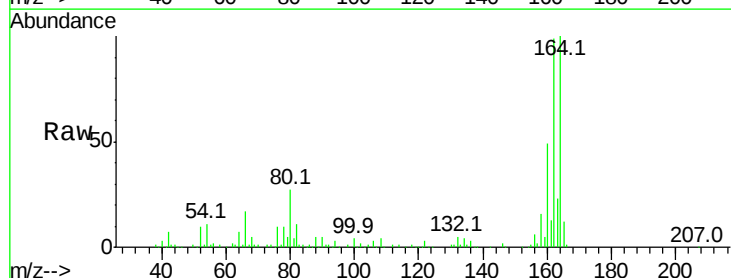
Instrument :
BNA_M
ClientSampleId :

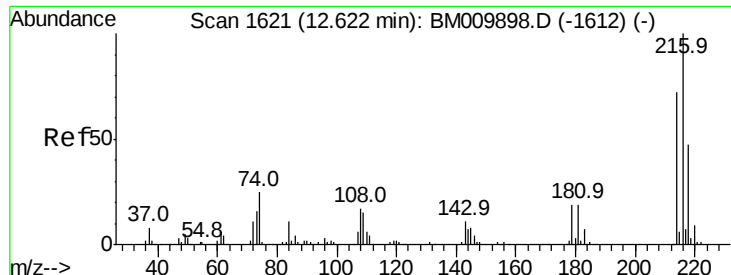
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.9	107.9
115	49.6	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.4	123.6
160	48.9	35.8	53.6

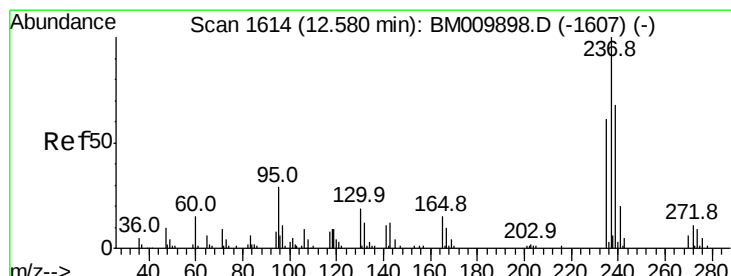
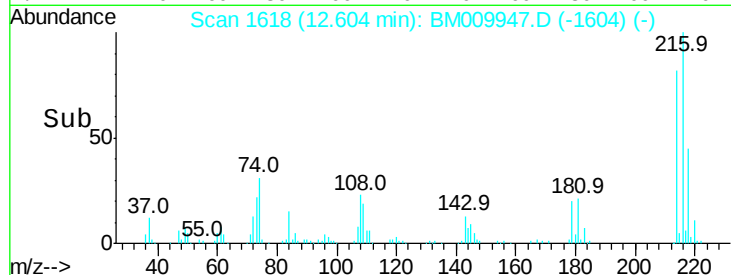
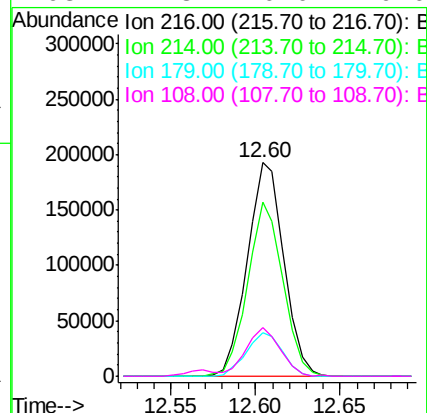
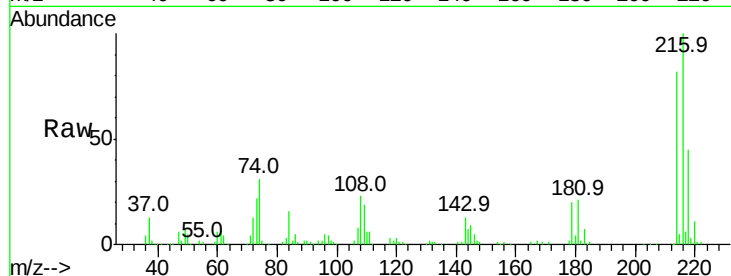




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.30 ng
 RT: 12.60 min Scan# 1618
 Delta R.T. -0.02 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

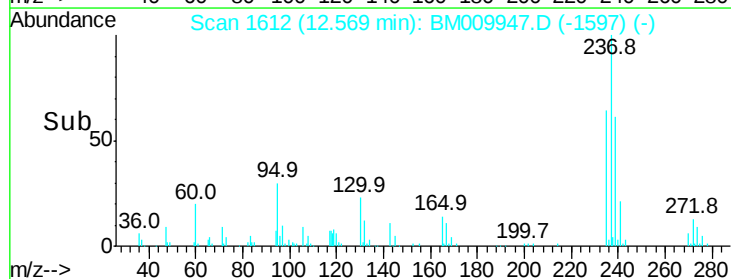
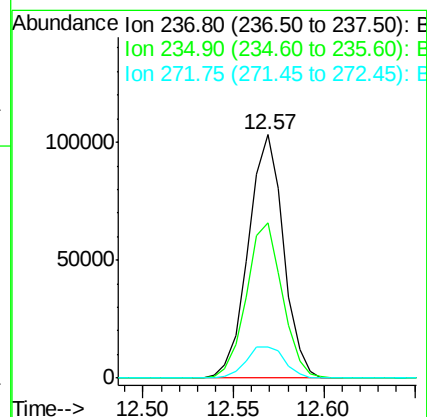
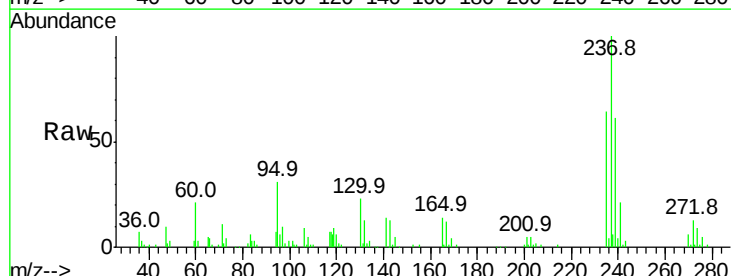
Instrument :
 BNA_M
 ClientSampleId :

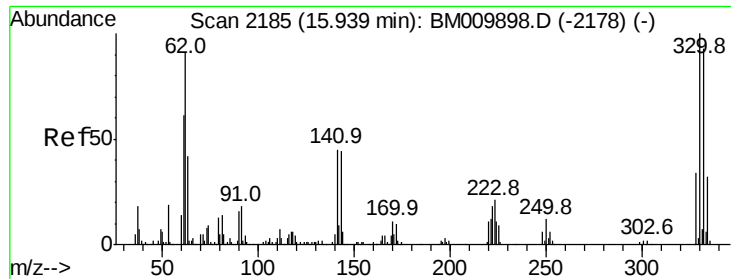
Tot Ion:	216	Resp:	289615
Ion	Ratio	Lower	Upper
216	100		
214	78.5	0.0	0.0#
179	20.3	0.0	0.0#
108	21.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 68.91 ng
 RT: 12.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Tgt Ion:	237	Resp:	139130
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.0	82.0
272	13.0	0.0	33.4

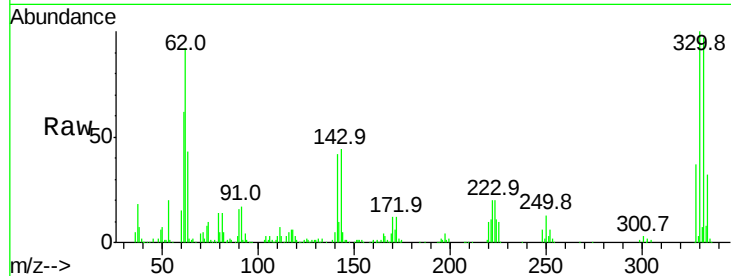




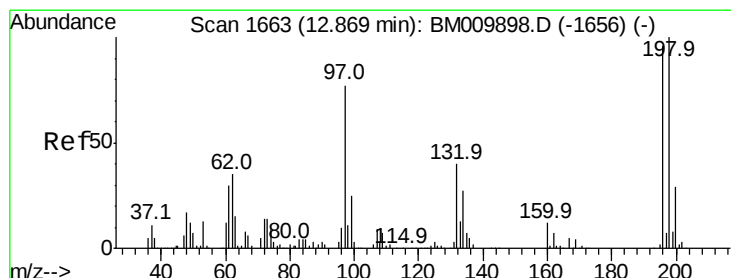
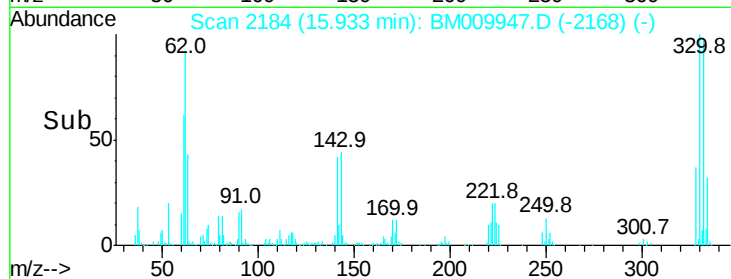
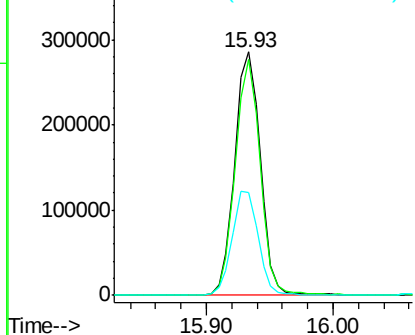
#41
 2,4,6-Tribromophenol
 Concen: 154.16 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	43.4	0.0	0.0#

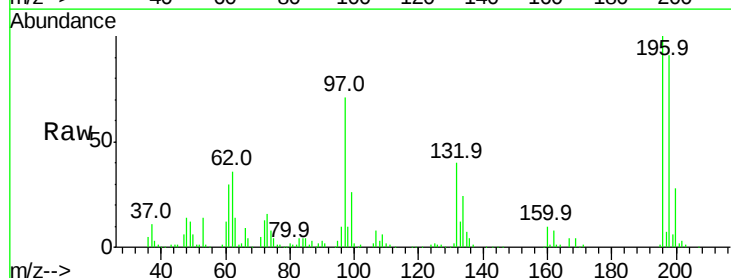


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

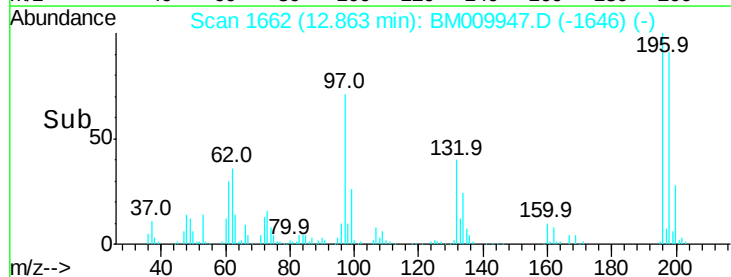
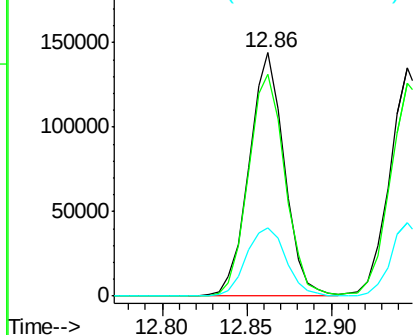


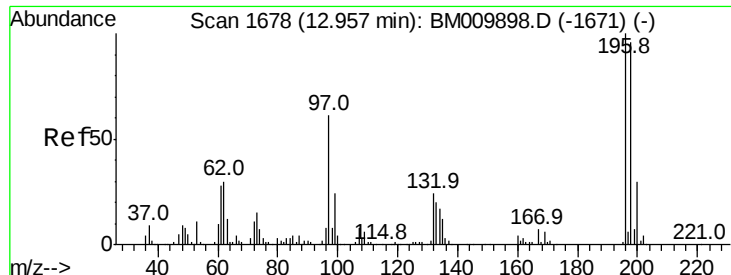
#42
 2,4,6-Trichlorophenol
 Concen: 47.41 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	76.3	114.5
200	27.9	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

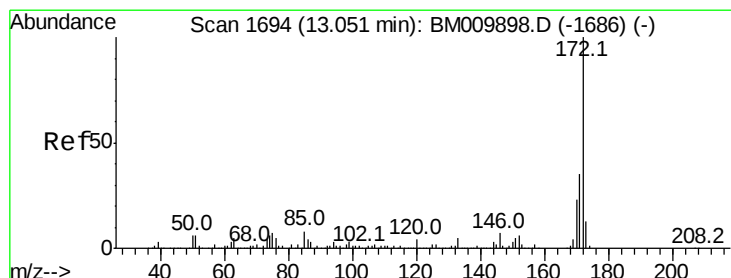
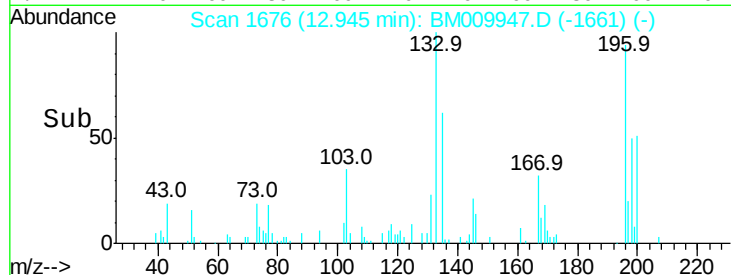
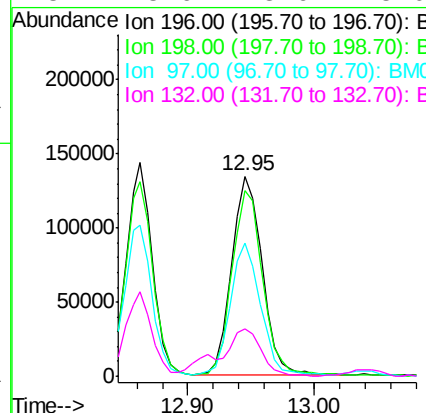
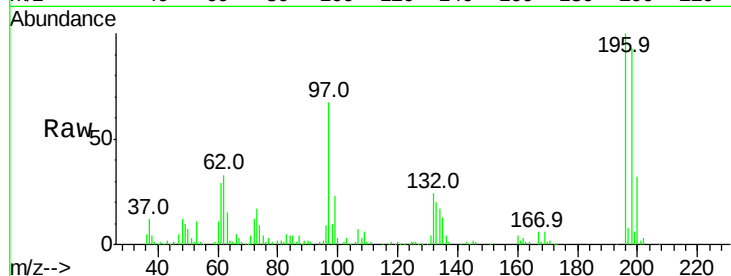




#43
 2,4,5-Trichlorophenol
 Concen: 46.43 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

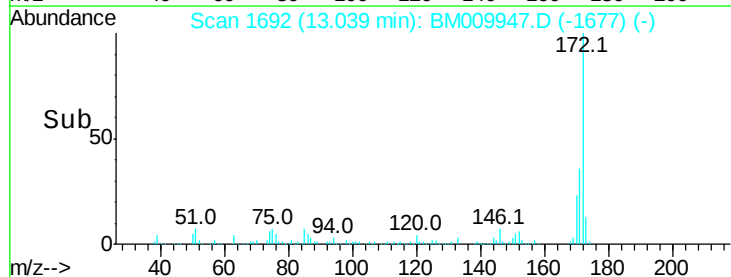
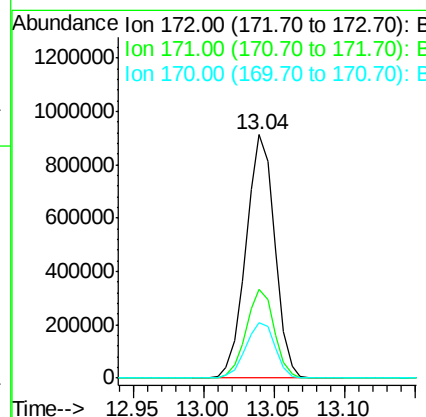
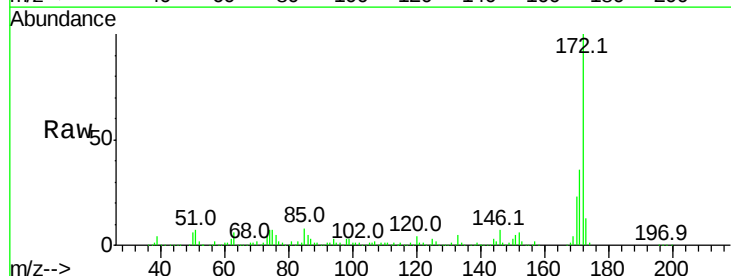
Instrument :
 BNA_M
 ClientSampleId :

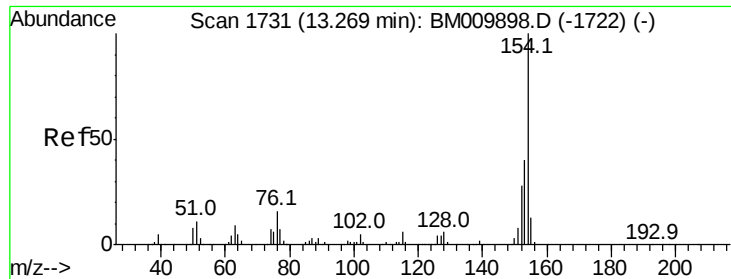
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	79.4	119.0
97	66.5	26.8	40.2
132	23.6	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 88.98 ng
 RT: 13.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	22.7	18.8	28.2

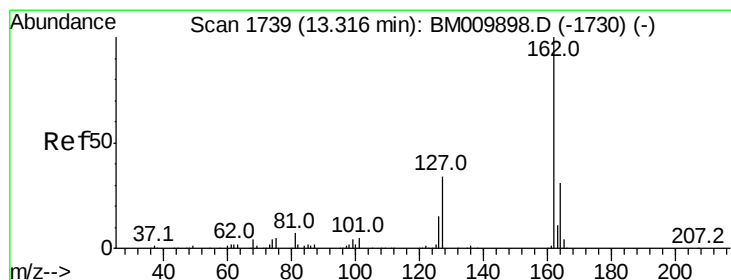
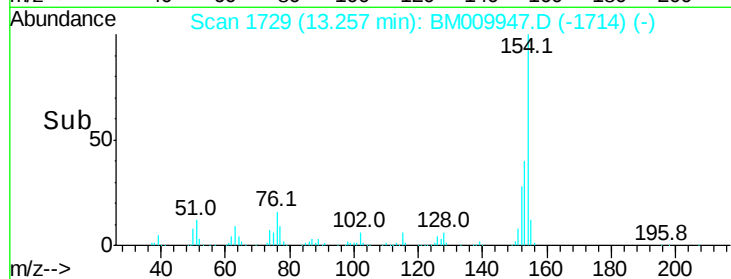
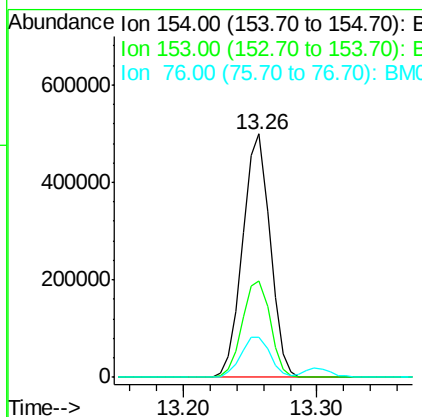
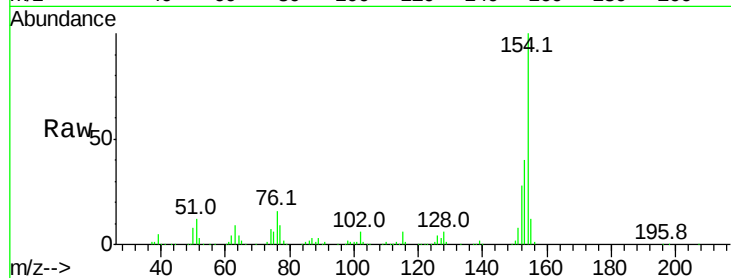




#45
 1,1'-Biphenyl
 Concen: 43.71 ng
 RT: 13.26 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

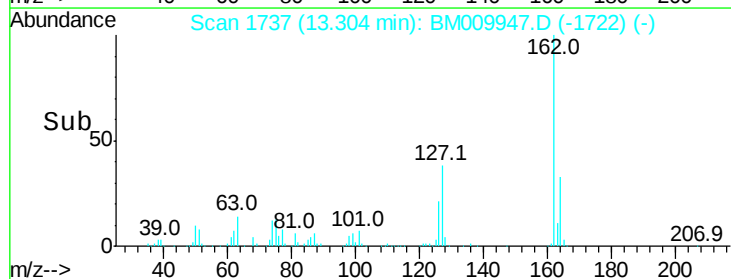
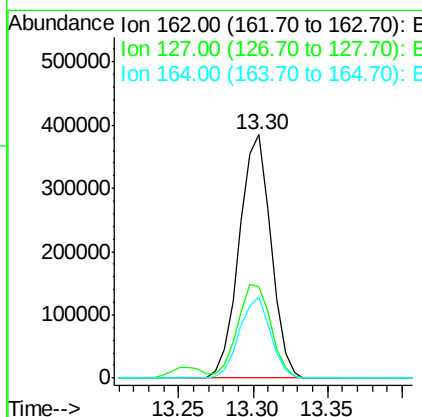
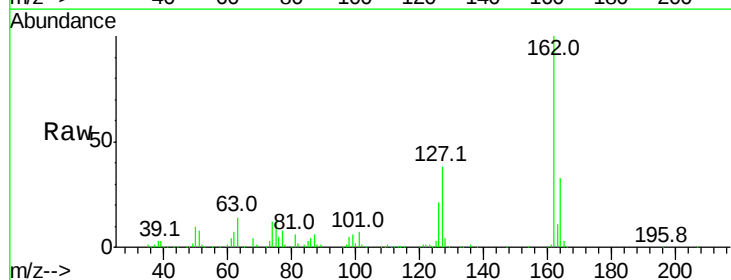
Instrument :
 BNA_M
 ClientSampleId :

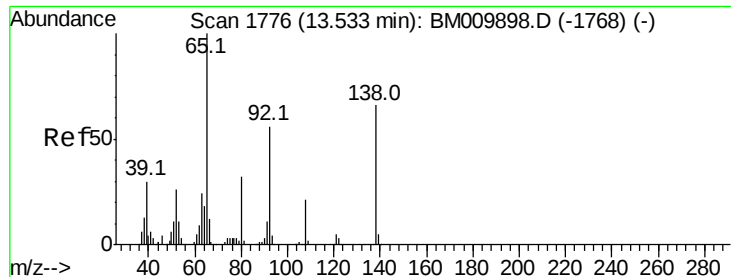
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.7	60.7
76	16.4	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 44.34 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	26.9	40.3
164	33.4	26.8	40.2





#47

2-Nitroaniline

Concen: 49.31 ng

RT: 13.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

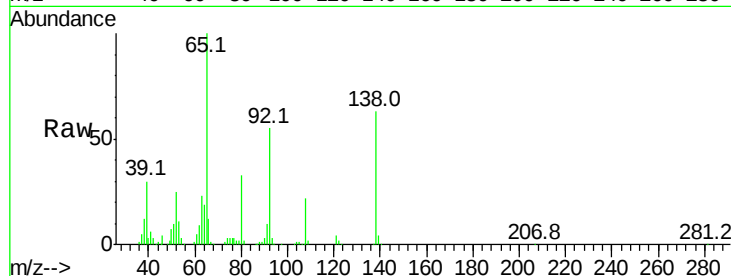
Tot Ion: 65 Resp: 305009

Ion Ratio Lower Upper

65 100

92 54.7 59.1 88.7#

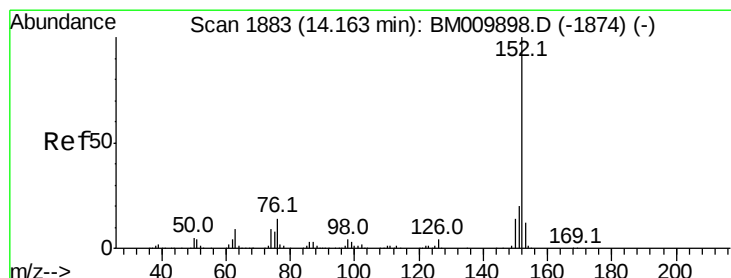
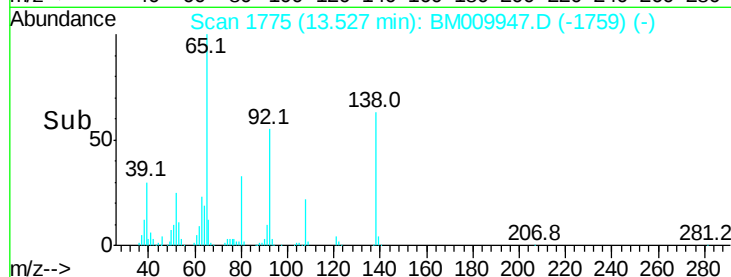
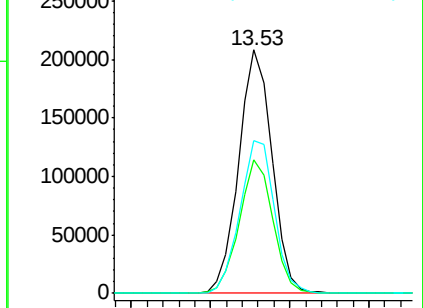
138 63.0 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM009898.D (-1768) (-)

Ion 92.00 (91.70 to 92.70): BM009898.D (-1768) (-)

Ion 138.00 (137.70 to 138.70): BM009898.D (-1768) (-)



#48

Acenaphthylene

Concen: 47.20 ng

RT: 14.15 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

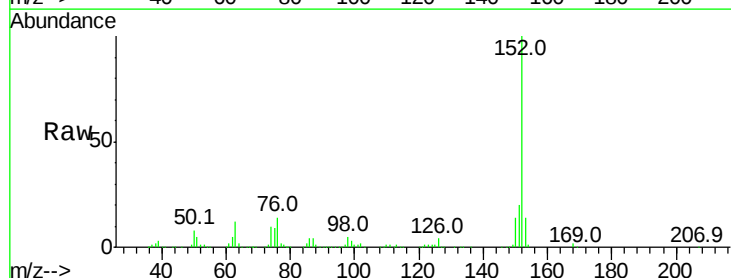
Tgt Ion: 152 Resp: 948894

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

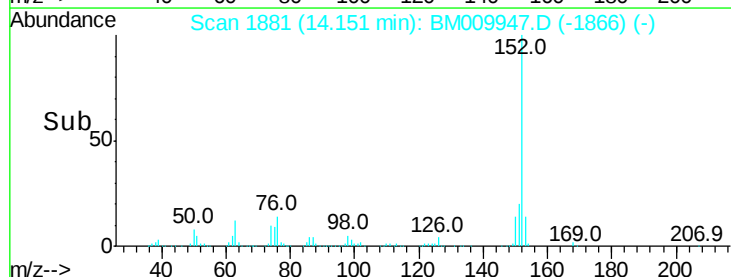
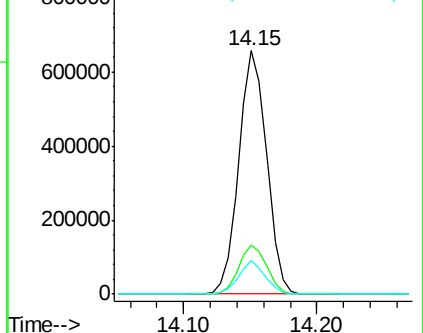
153 13.8 10.6 16.0

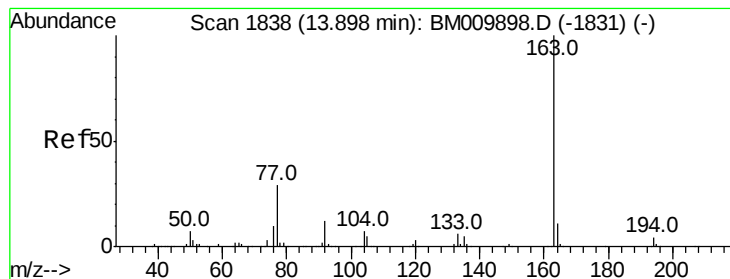


Abundance Ion 152.00 (151.70 to 152.70): BM009898.D (-1874) (-)

Ion 151.00 (150.70 to 151.70): BM009898.D (-1874) (-)

Ion 153.00 (152.70 to 153.70): BM009898.D (-1874) (-)





#49

Dimethylphthalate

Concen: 44.91 ng

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

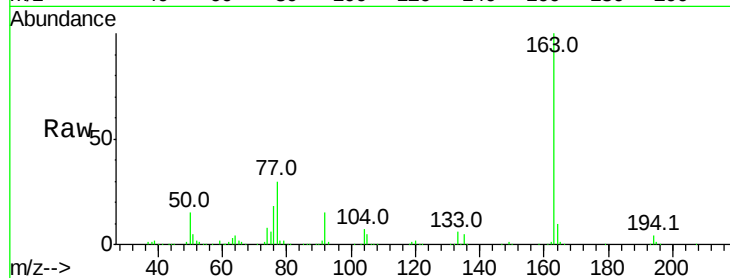
Tot Ion:163 Resp: 814288

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

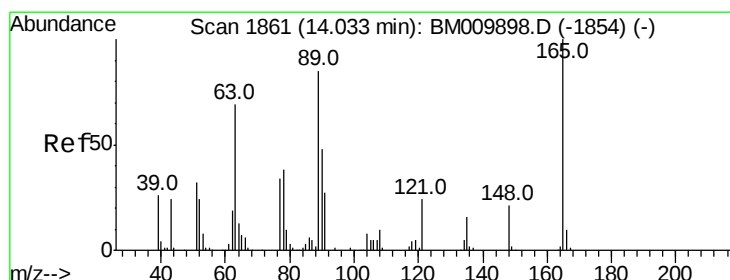
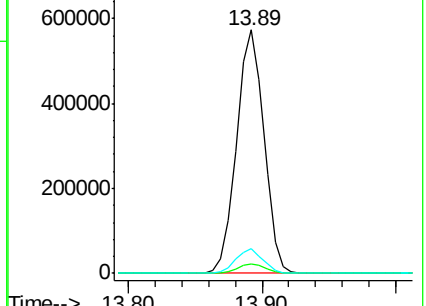
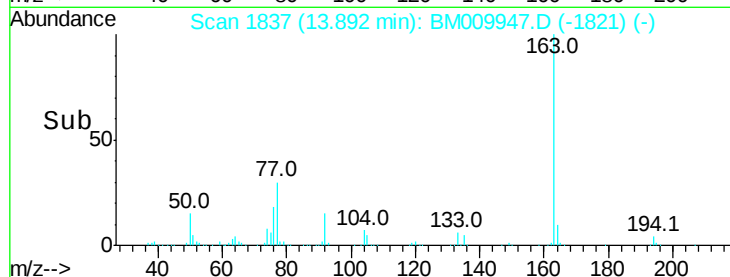
164 10.4 8.2 12.2



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: 49.84 ng

RT: 14.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

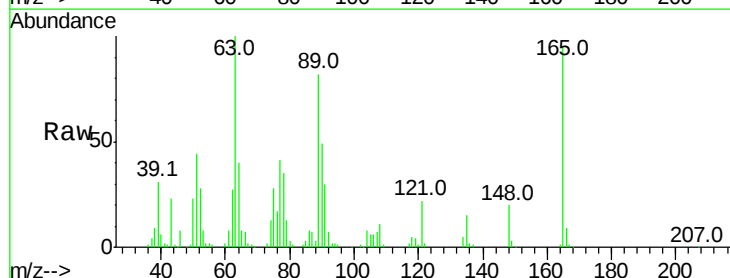
Tgt Ion:165 Resp: 176247

Ion Ratio Lower Upper

165 100

63 105.4 44.1 66.1#

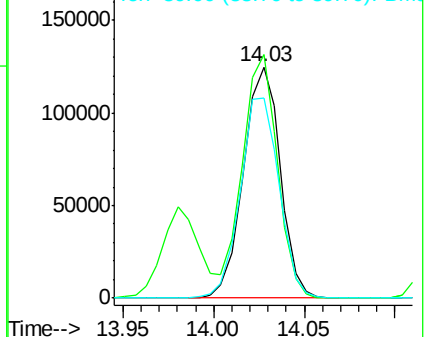
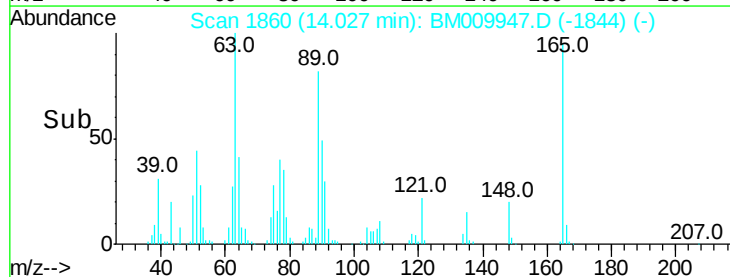
89 86.4 44.3 66.5#

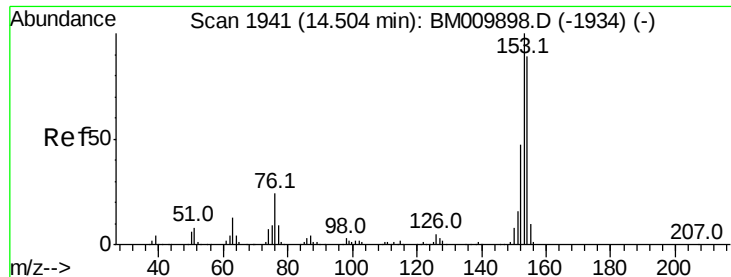


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 45.82 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

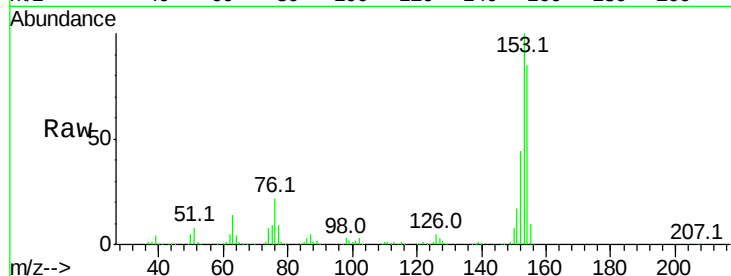
Tot Ion:154 Resp: 568399

Ion Ratio Lower Upper

154 100

153 117.8 90.0 135.0

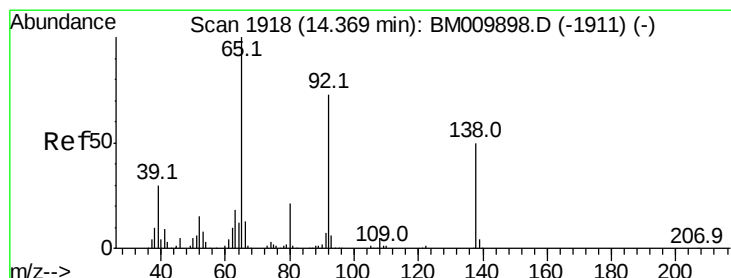
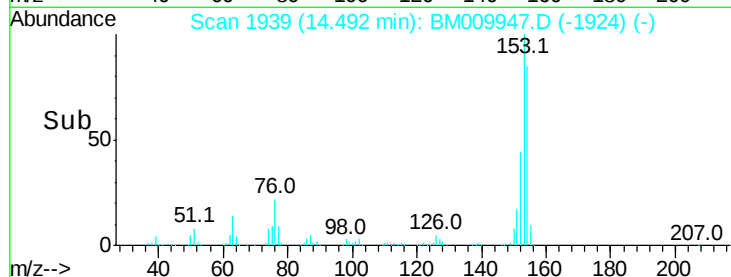
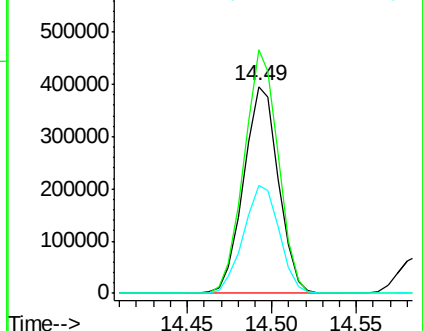
152 52.4 42.6 63.8



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: 17.57 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

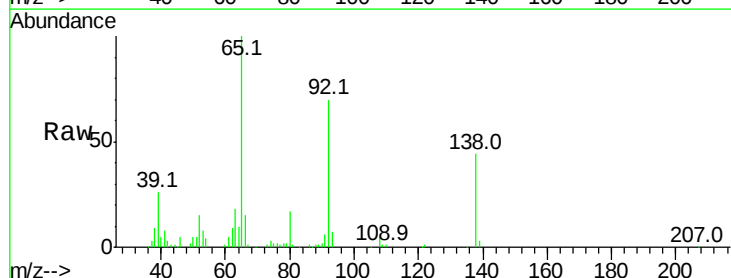
Tgt Ion:138 Resp: 67217

Ion Ratio Lower Upper

138 100

108 10.8 7.3 10.9

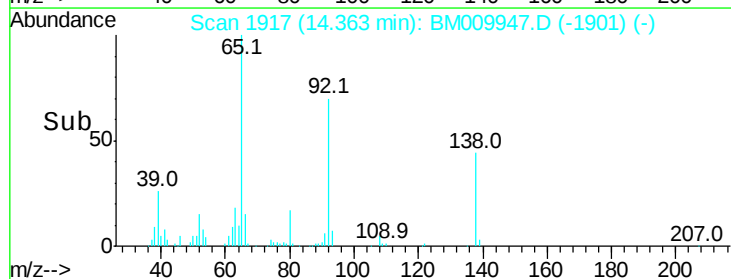
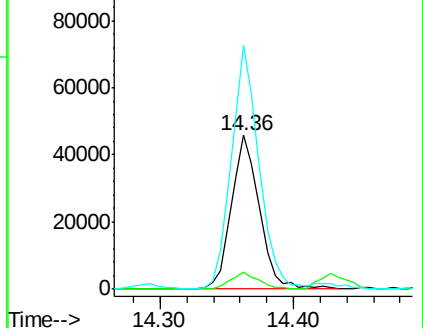
92 158.5 76.6 114.8#

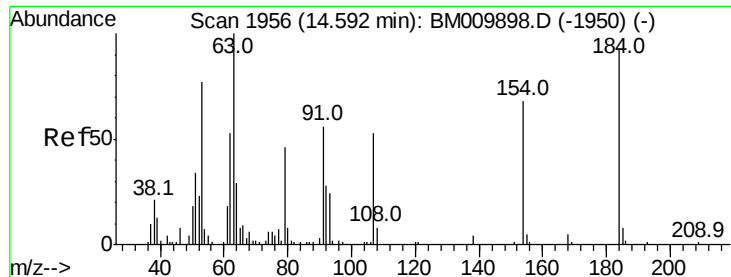


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 73.40 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampled :

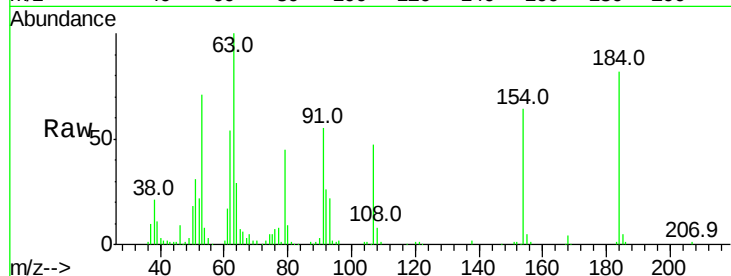
Tot Ion:184 Resp: 148718

Ion Ratio Lower Upper

184 100

63 121.2 69.2 103.8#

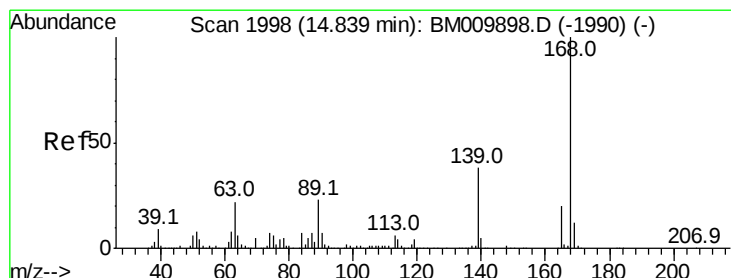
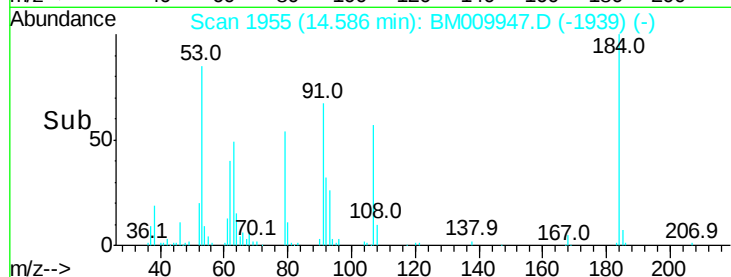
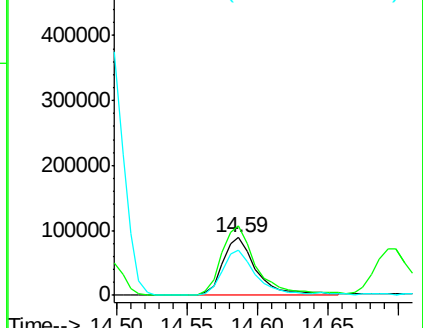
154 78.1 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 51.00 ng

RT: 14.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

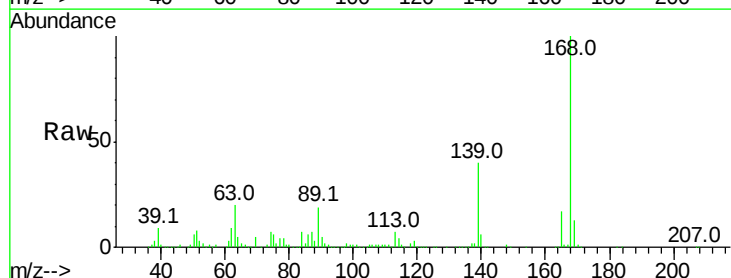
Tgt Ion:168 Resp: 967668

Ion Ratio Lower Upper

168 100

139 40.4 27.3 40.9

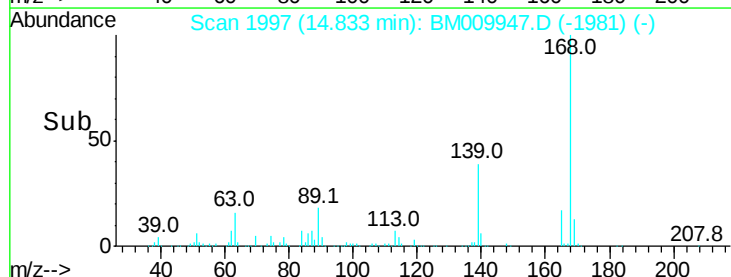
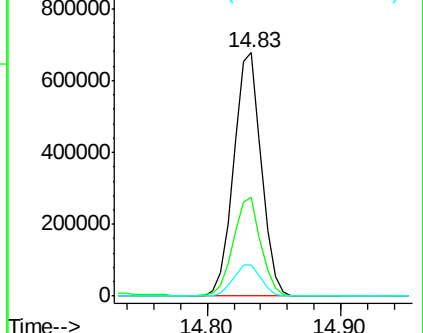
169 12.7 10.6 16.0

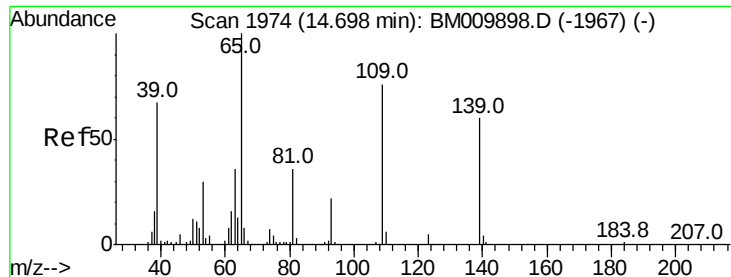


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 80.03 ng

RT: 14.69 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

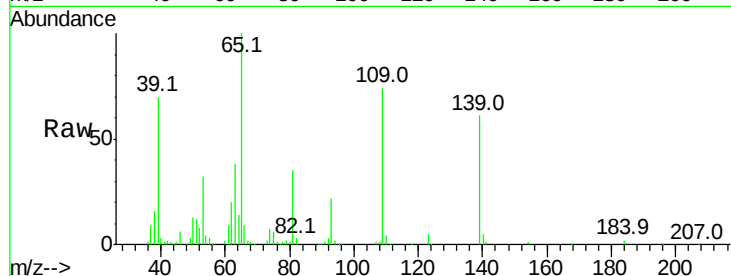
Tot Ion:139 Resp: 205722

Ion Ratio Lower Upper

139 100

109 122.5 37.7 77.7#

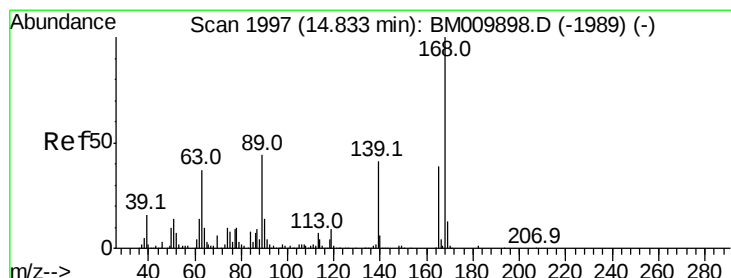
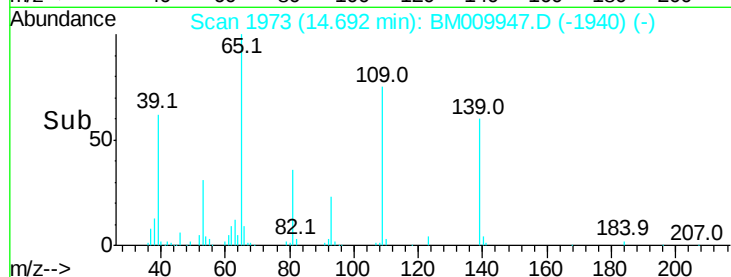
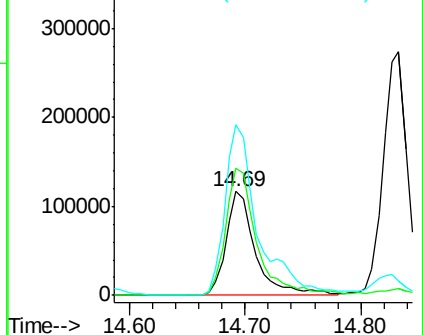
65 164.8 49.9 89.9#



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: 51.90 ng

RT: 14.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Tgt Ion:165 Resp: 266727

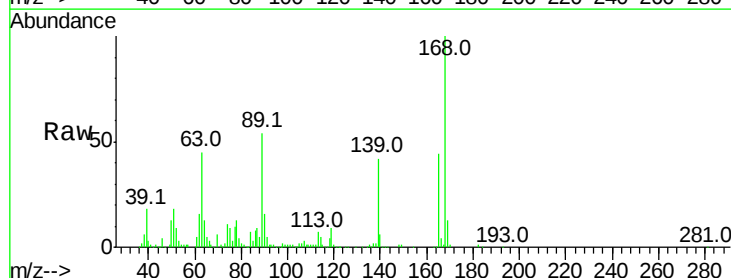
Ion Ratio Lower Upper

165 100

63 101.5 52.4 78.6#

89 122.2 72.4 108.6#

182 2.4 2.0 3.0

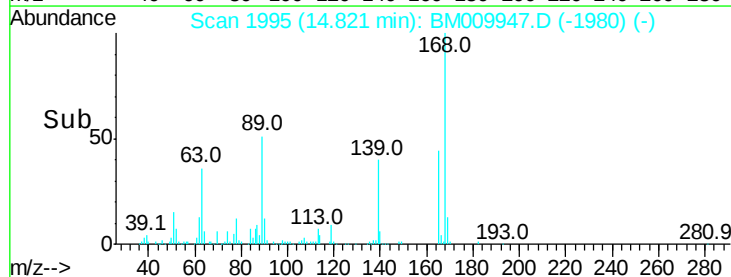
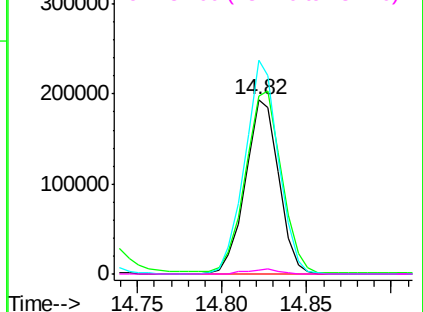


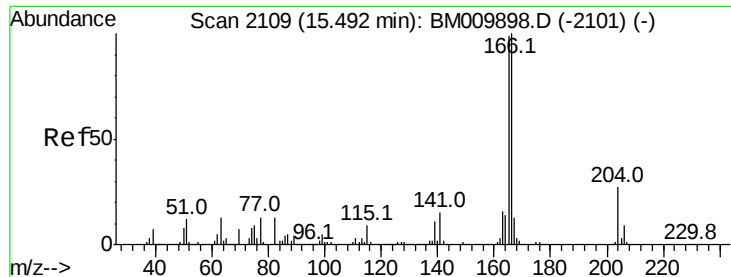
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.05 ng

RT: 15.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

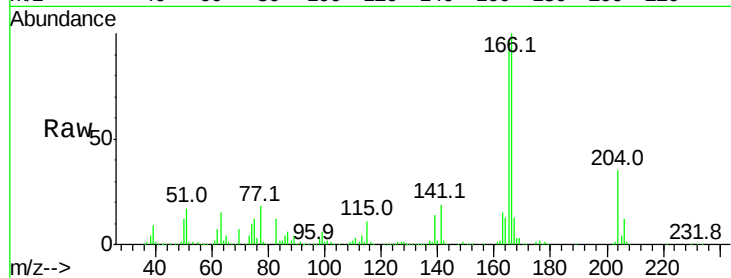
Tot Ion:166 Resp: 821111

Ion Ratio Lower Upper

166 100

165 96.9 79.0 118.4

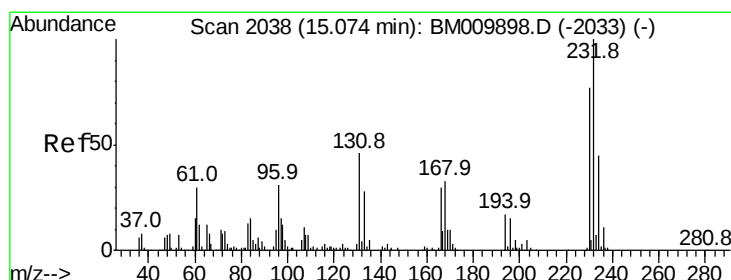
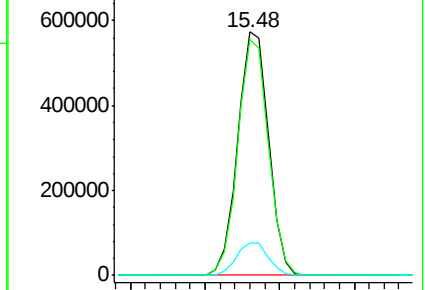
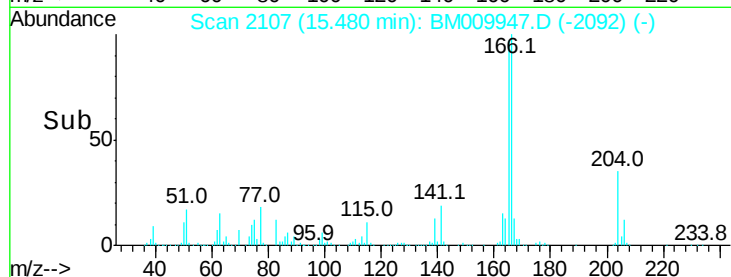
167 13.1 10.3 15.5



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: 52.68 ng

RT: 15.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Tgt Ion:232 Resp: 192071

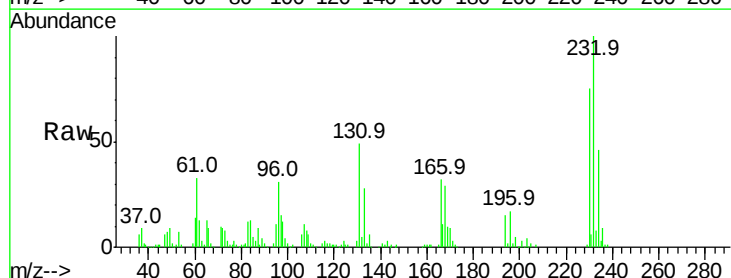
Ion Ratio Lower Upper

232 100

131 50.5 0.0 0.0#

130 3.4 0.0 0.0#

166 30.6 0.0 0.0#

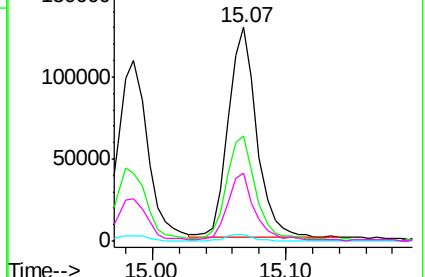
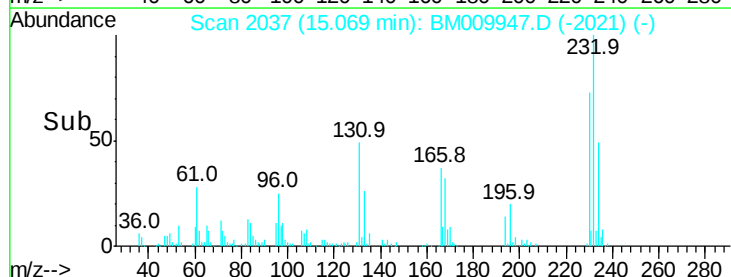


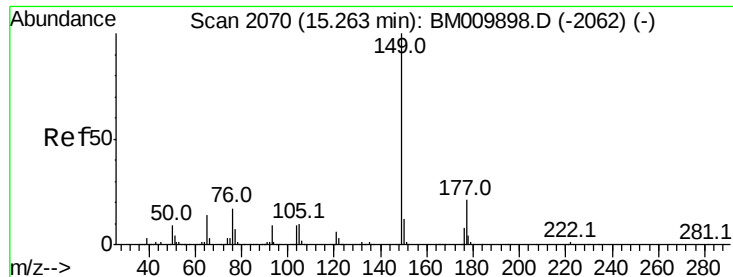
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.14 ng

RT: 15.25 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

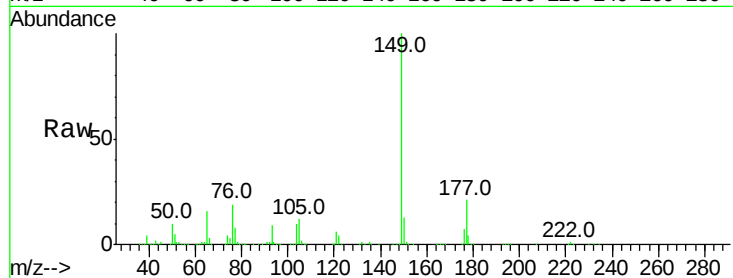
Tot Ion:149 Resp: 893642

Ion Ratio Lower Upper

149 100

177 20.5 18.3 27.5

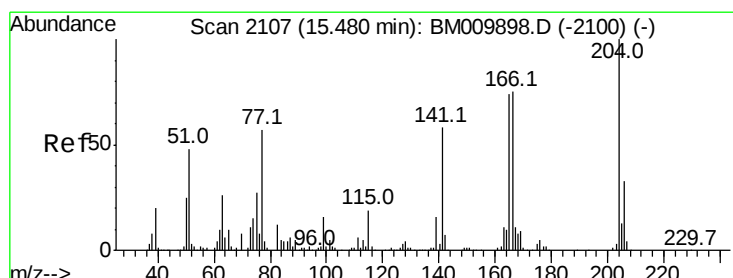
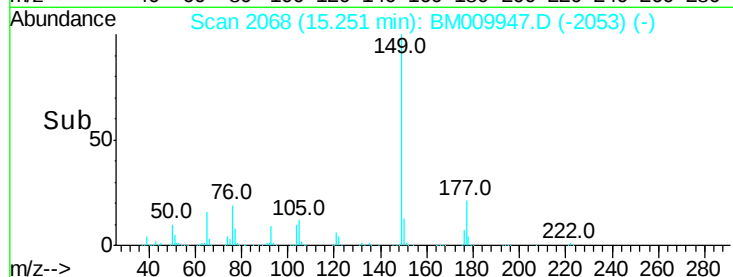
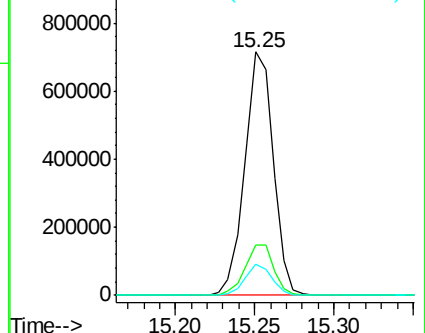
150 12.6 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.07 ng

RT: 15.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

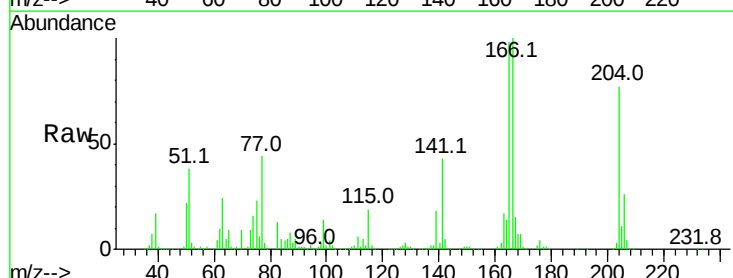
Tgt Ion:204 Resp: 418138

Ion Ratio Lower Upper

204 100

206 33.5 26.6 39.8

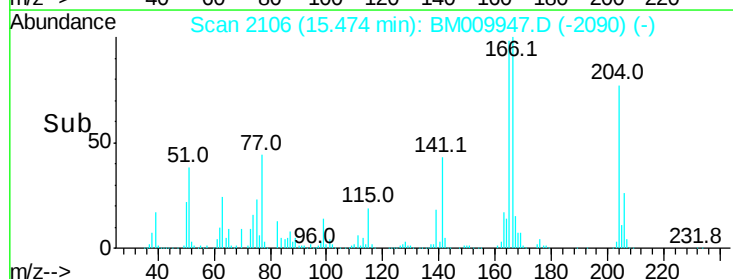
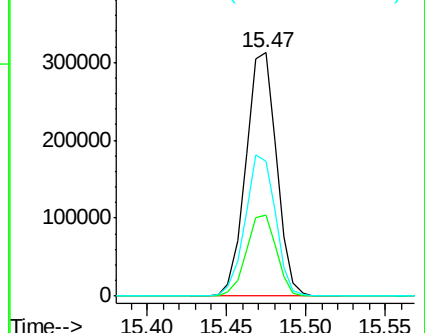
141 55.4 45.2 67.8

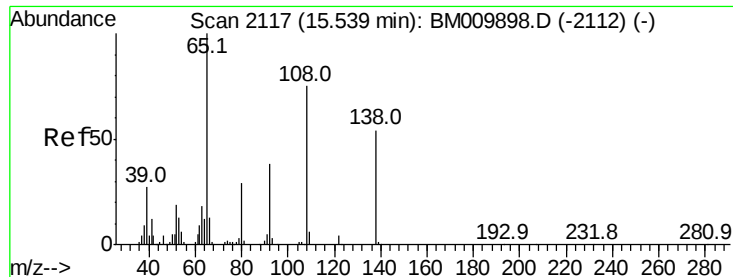


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.79 ng

RT: 15.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampled :

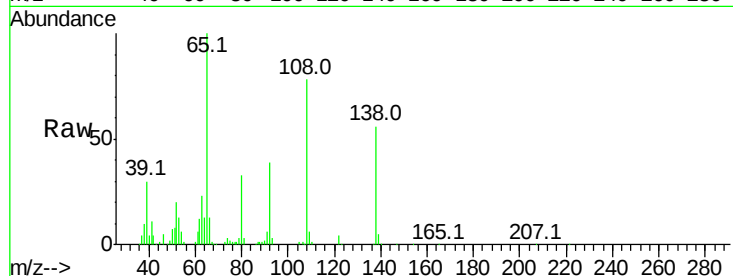
Tot Ion:138 Resp: 171615

Ion Ratio Lower Upper

138 100

92 69.8 16.7 56.7#

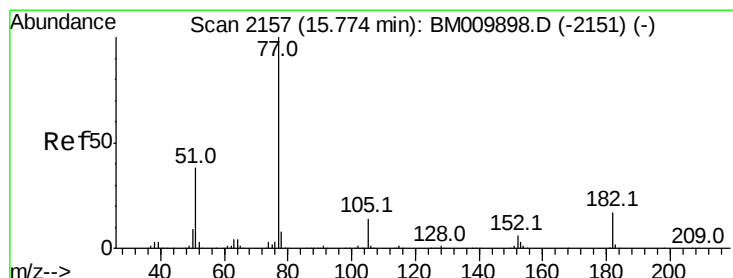
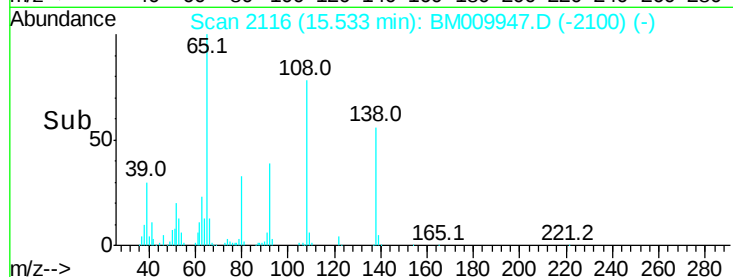
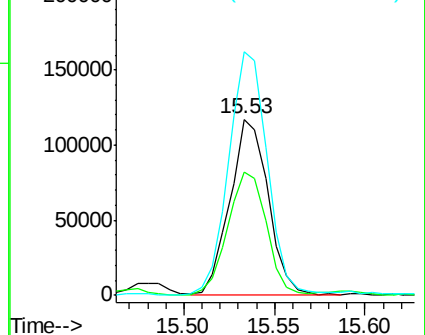
108 138.4 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 57.27 ng

RT: 15.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Tgt Ion: 77 Resp: 1235802

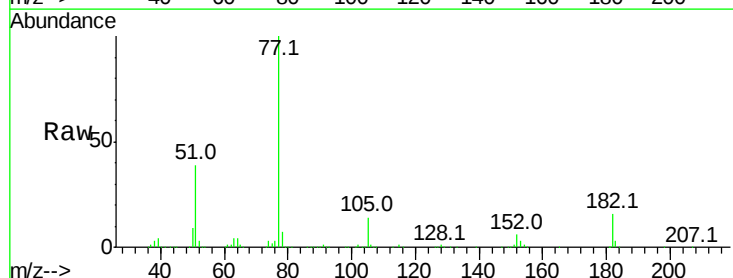
Ion Ratio Lower Upper

77 100

182 16.1 6.5 46.5

105 13.8 3.8 43.8

51 39.0 5.5 45.5

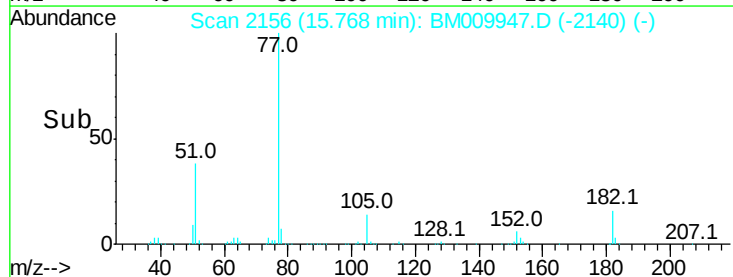
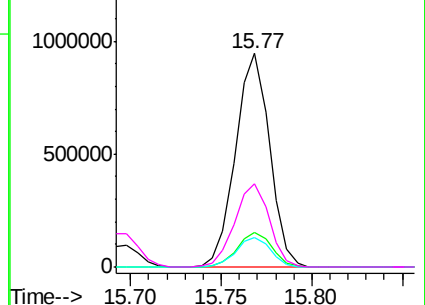


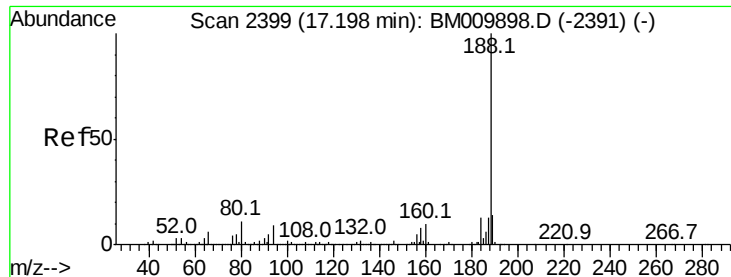
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

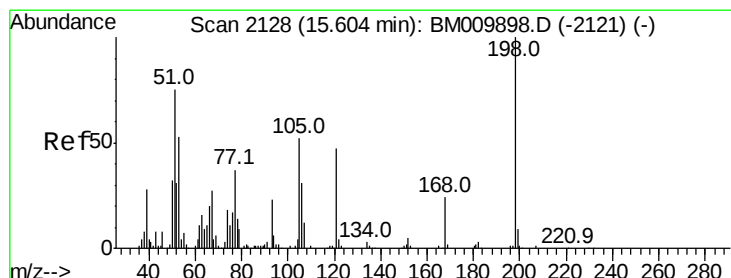
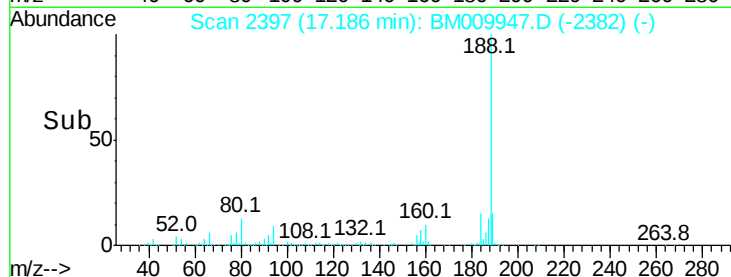
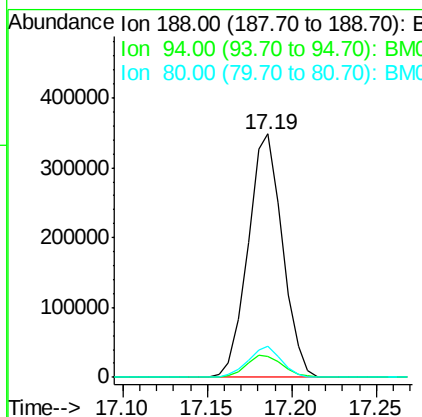
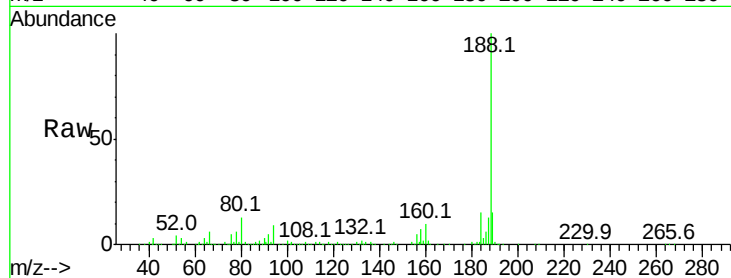




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

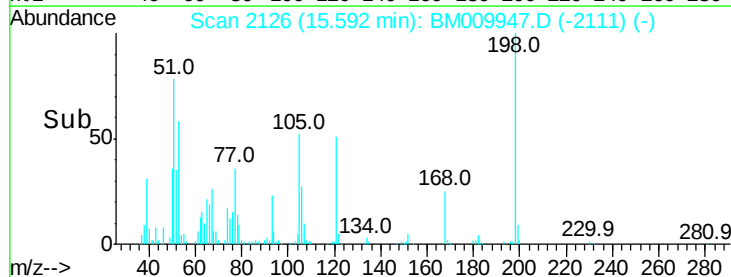
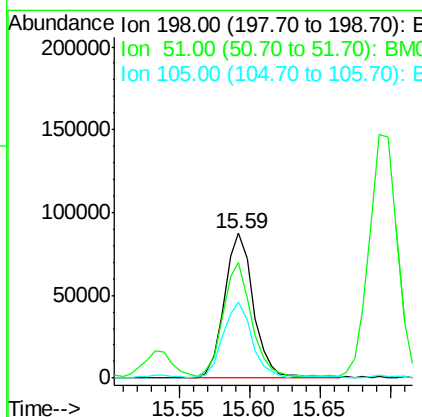
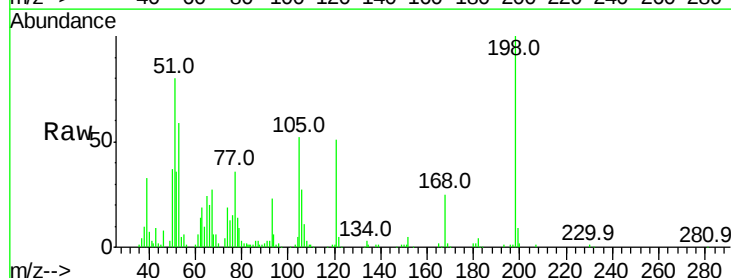
Instrument :
BNA_M
ClientSampleId :

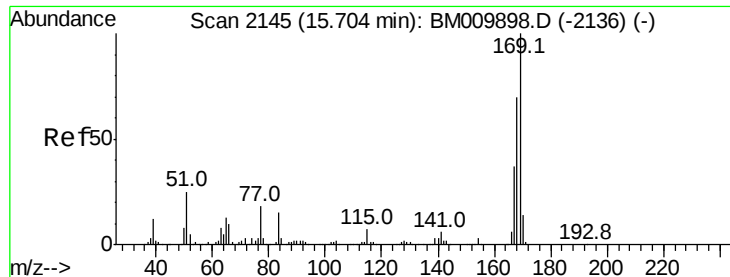
Tot Ion:188 Resp: 494364
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1
80 12.6 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 39.05 ng
RT: 15.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

Tgt Ion:198 Resp: 125956
Ion Ratio Lower Upper
198 100
51 80.0 28.8 68.8#
105 52.3 30.5 70.5

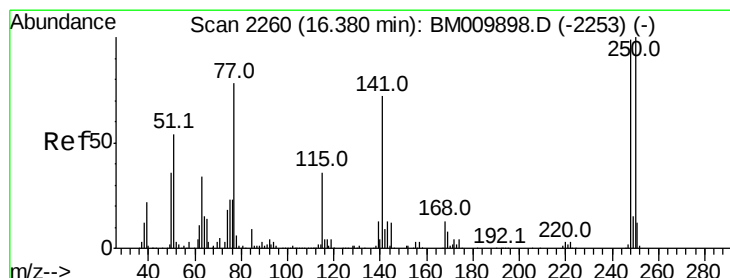
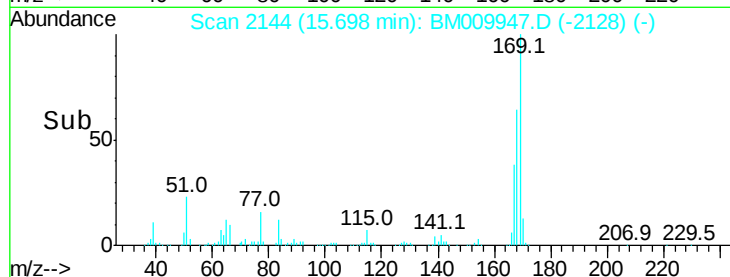
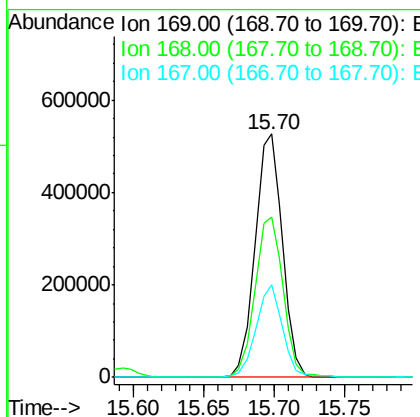
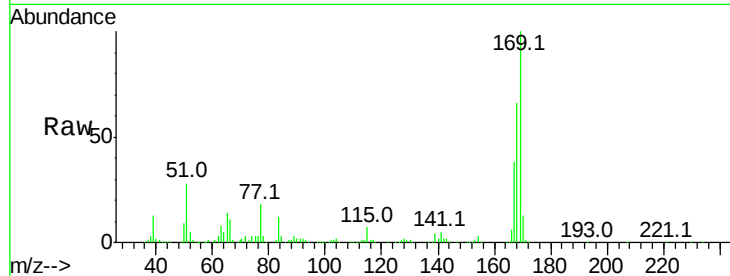




#65
 n-Nitrosodiphenylamine
 Concen: 45.70 ng
 RT: 15.70 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

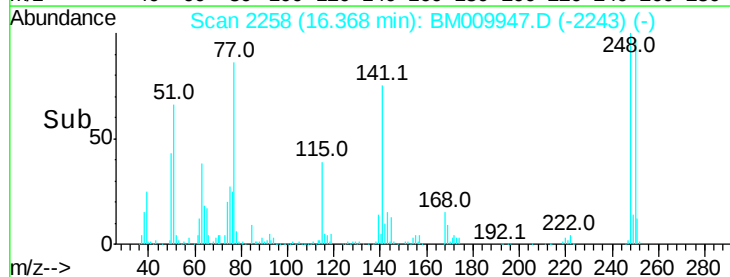
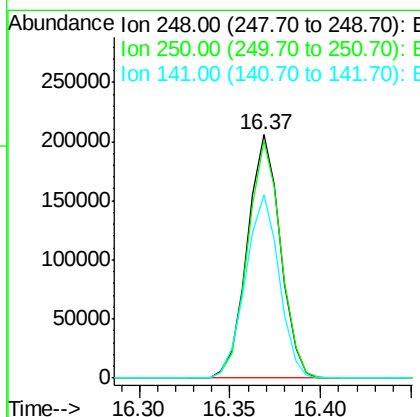
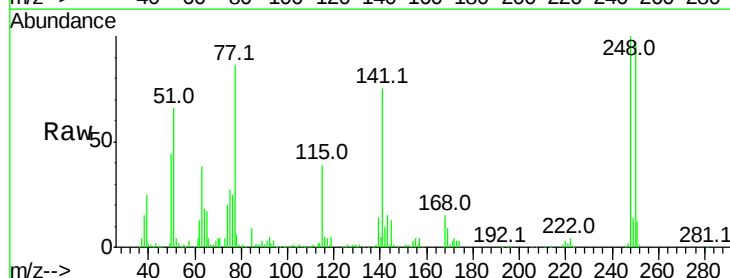
Instrument :
 BNA_M
 ClientSampleId :

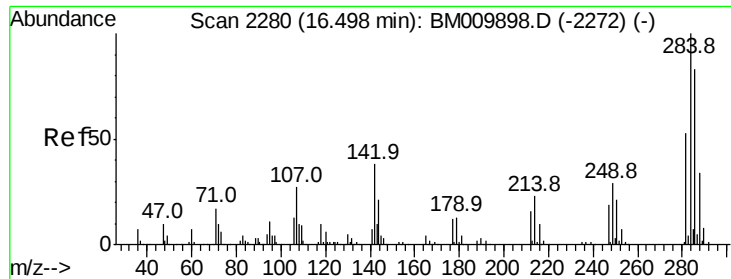
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.9	80.9
167	38.1	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 45.11 ng
 RT: 16.37 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.0
141	75.2	45.2	67.8

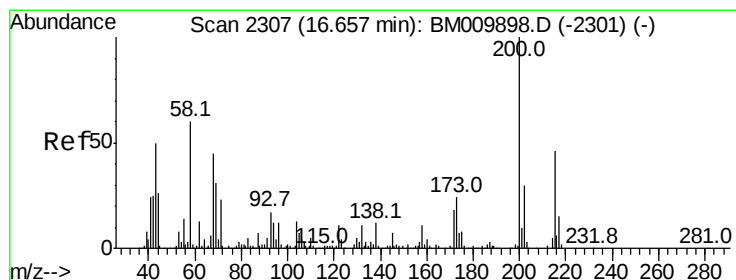
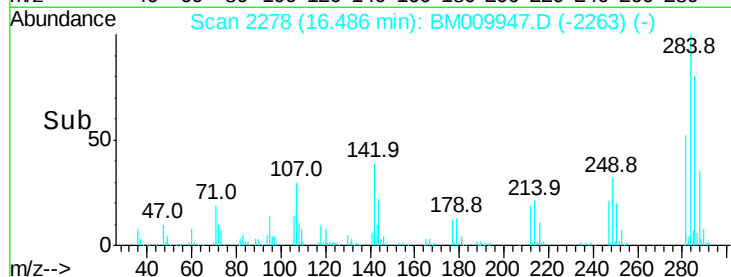
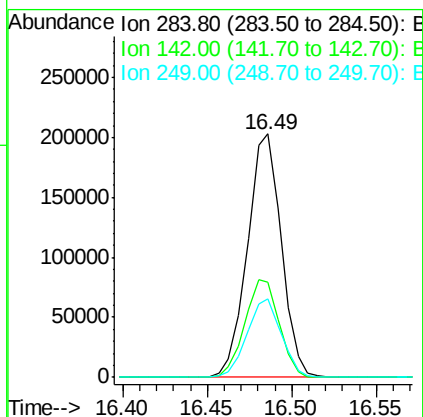
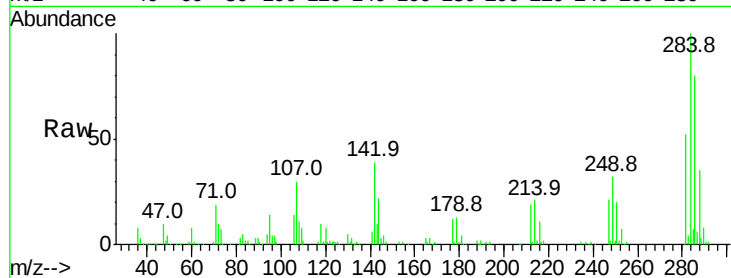




#67
Hexachlorobenzene
Concen: 43.08 ng
RT: 16.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

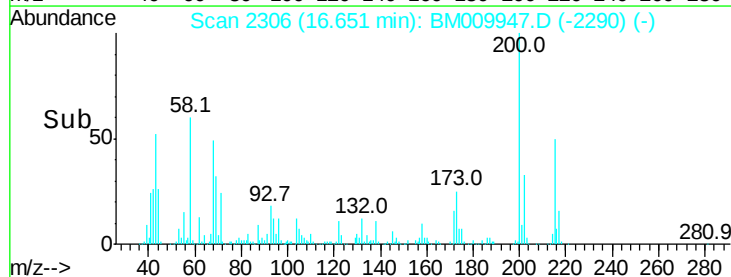
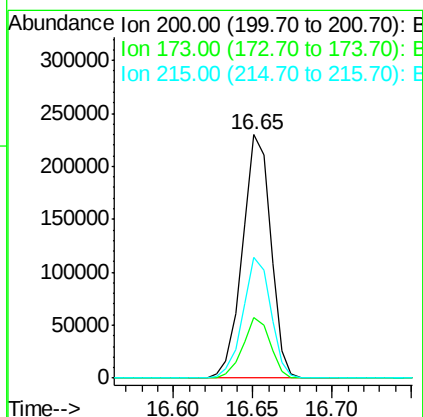
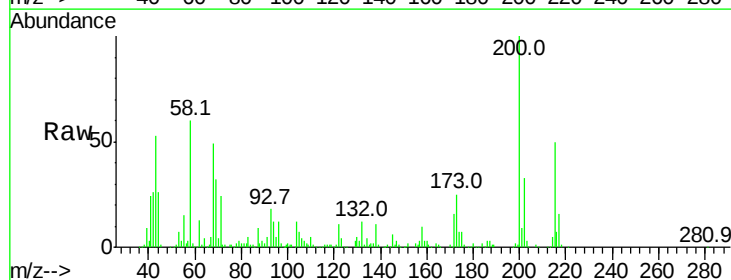
Instrument :
BNA_M
ClientSampled :

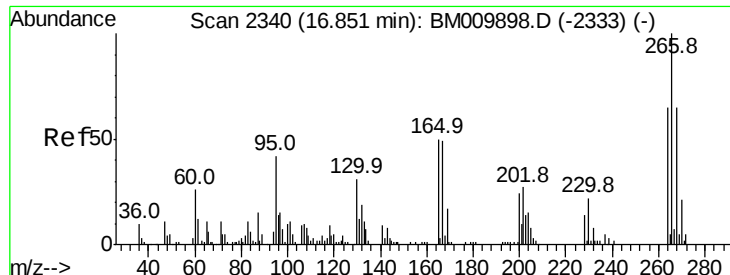
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.1	20.4	30.6
249	32.3	23.8	35.6



#68
Atrazine
Concen: 47.44 ng
RT: 16.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.8	44.8
215	49.6	26.9	66.9





#69

Pentachlorophenol

Concen: 73.70 ng

RT: 16.84 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

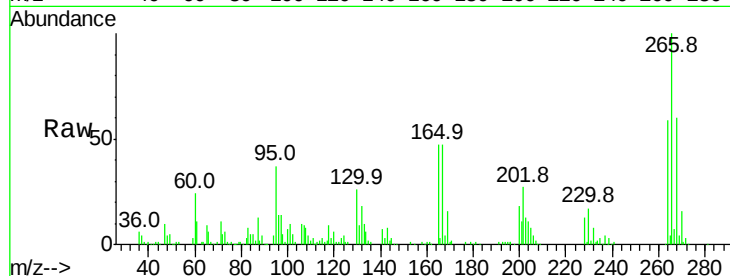
Tot Ion:266 Resp: 216888

Ion Ratio Lower Upper

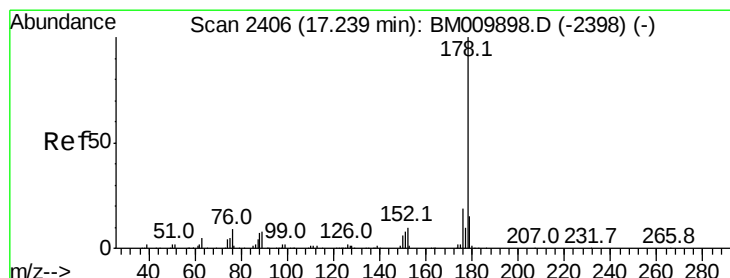
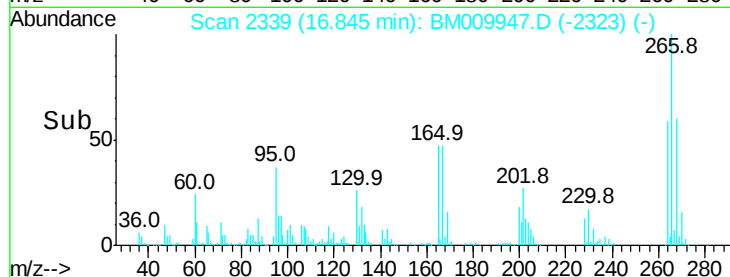
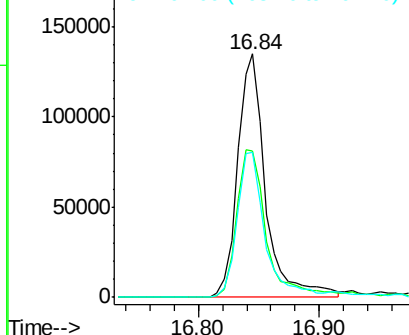
266 100

268 60.2 52.0 78.0

264 59.4 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 46.82 ng

RT: 17.23 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

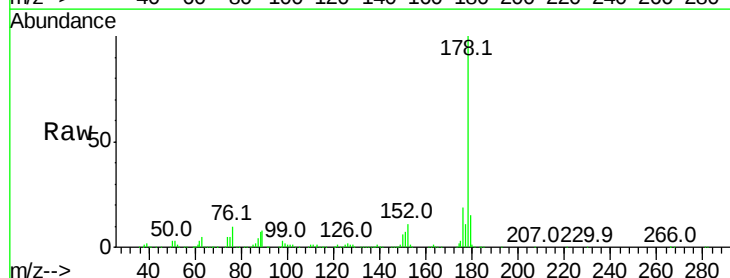
Tgt Ion:178 Resp: 1339896

Ion Ratio Lower Upper

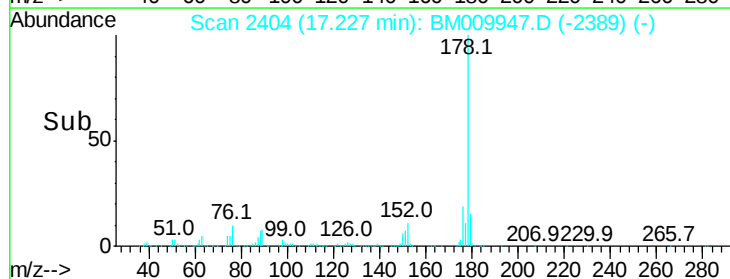
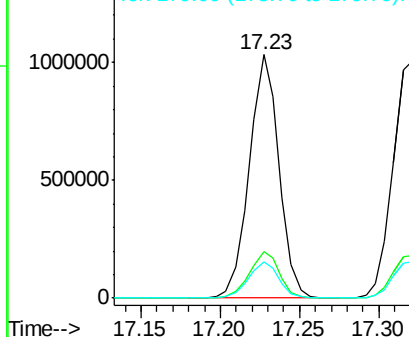
178 100

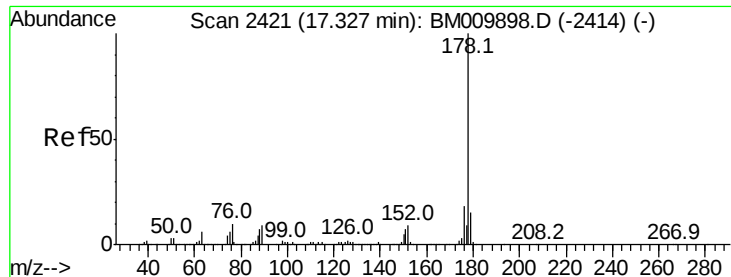
176 18.8 15.2 22.8

179 14.9 12.1 18.1



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

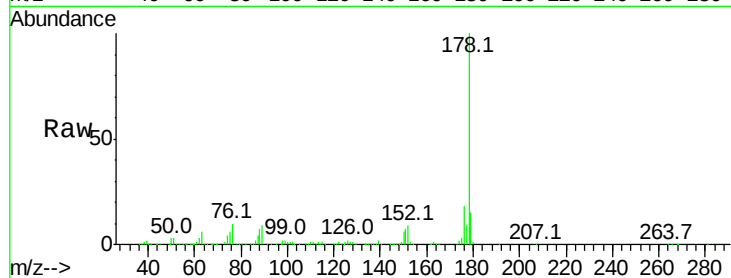




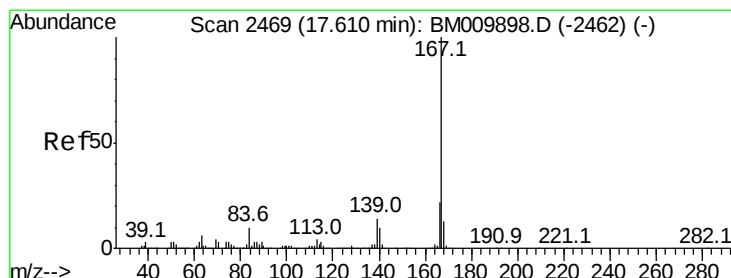
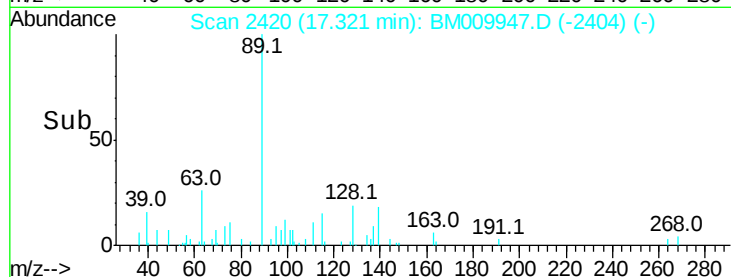
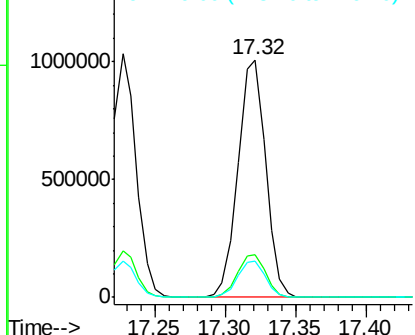
#71
 Anthracene
 Concen: 47.94 ng
 RT: 17.32 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 1383708
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.1 12.6 19.0

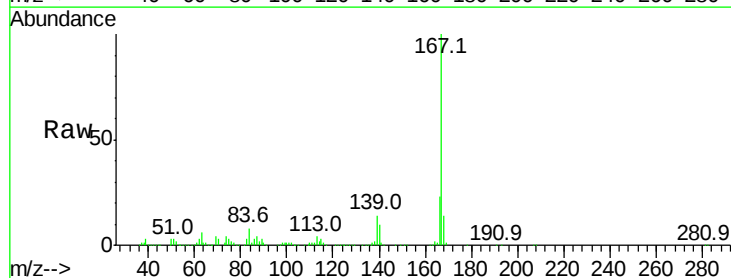


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

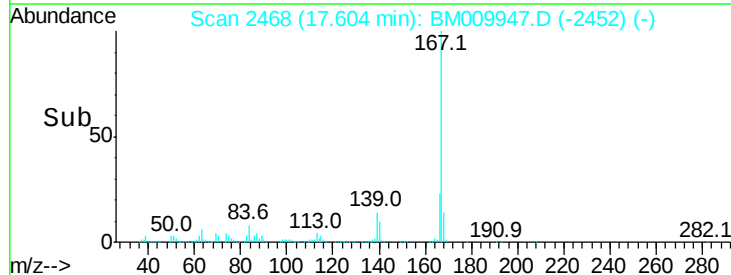
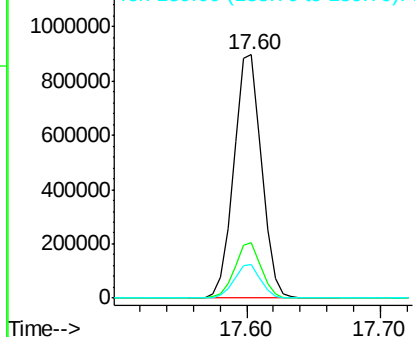


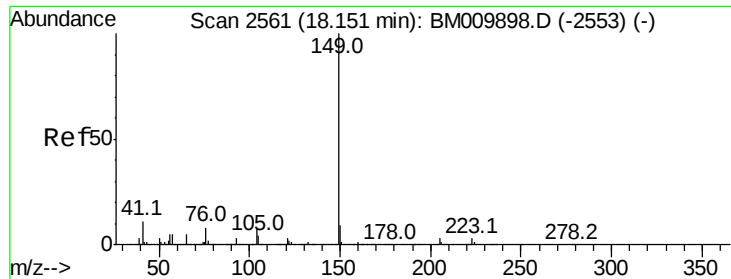
#72
 Carbazole
 Concen: 49.44 ng
 RT: 17.60 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Tgt Ion:167 Resp: 1293491
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.2 25.8
 139 13.9 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.99 ng

RT: 18.14 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

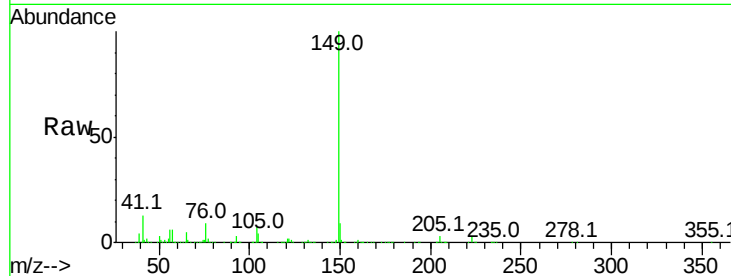
Tot Ion:149 Resp: 1653227

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	7.5	3.7	5.5

149 100

150 9.3 7.5 11.3

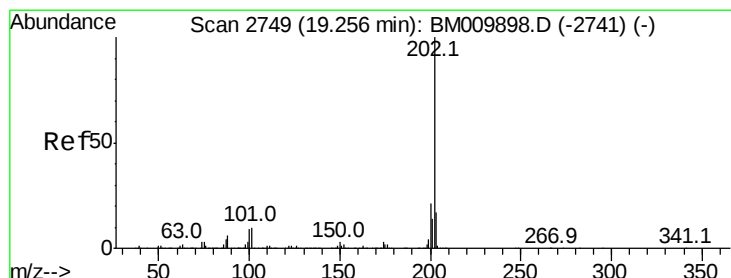
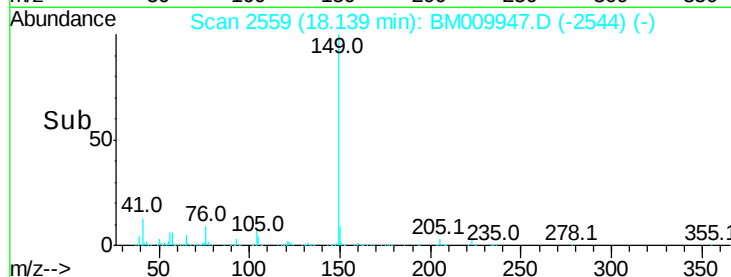
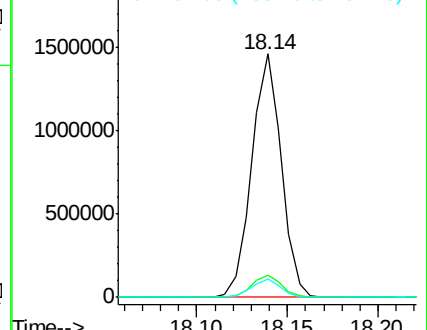
104 7.5 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.45 ng

RT: 19.25 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

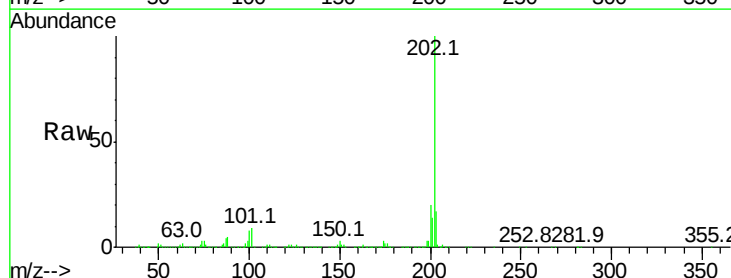
Tgt Ion:202 Resp: 1750044

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.7
203	17.2	0.0	37.2

202 100

101 9.1 0.0 28.7

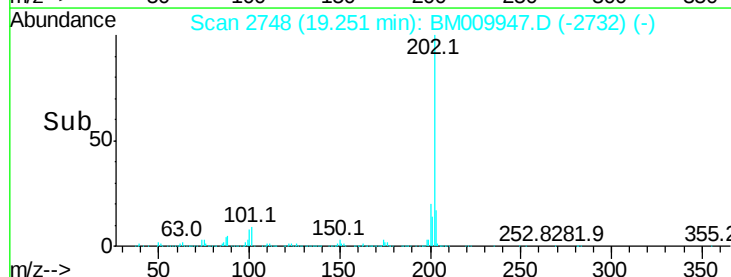
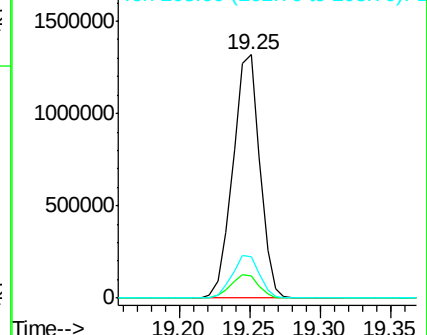
203 17.2 0.0 37.2

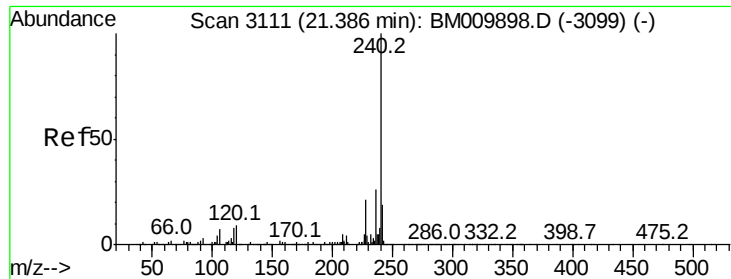


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

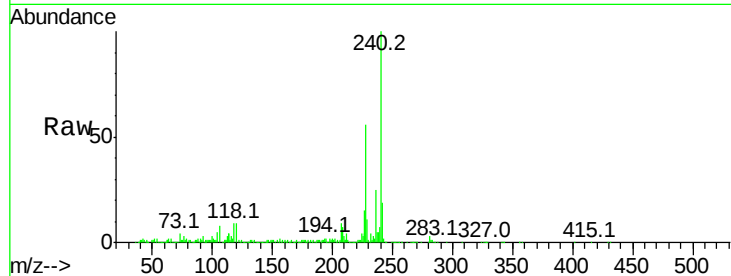
Tot Ion:240 Resp: 684121

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

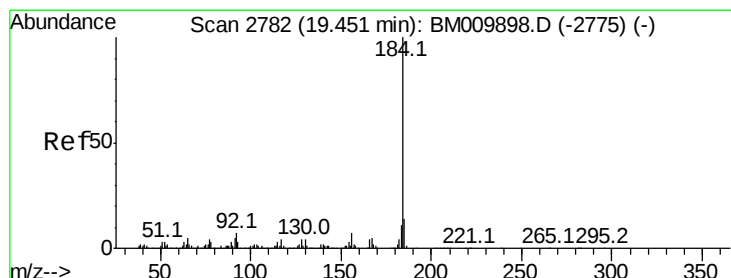
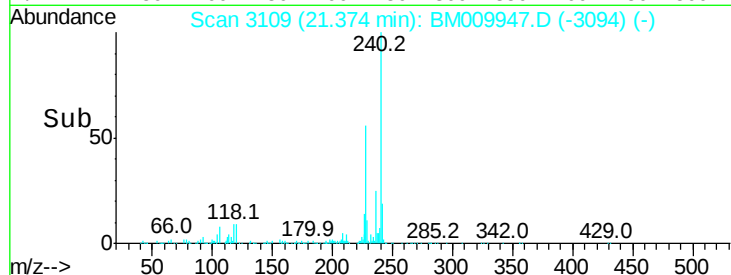
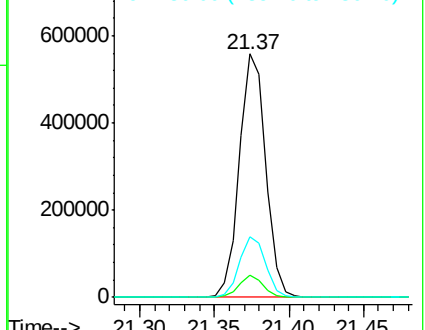
236 24.9 20.0 30.0



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: 33.43 ng

RT: 19.44 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

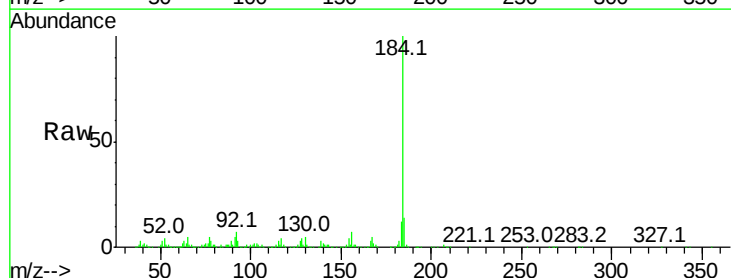
Tgt Ion:184 Resp: 690004

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

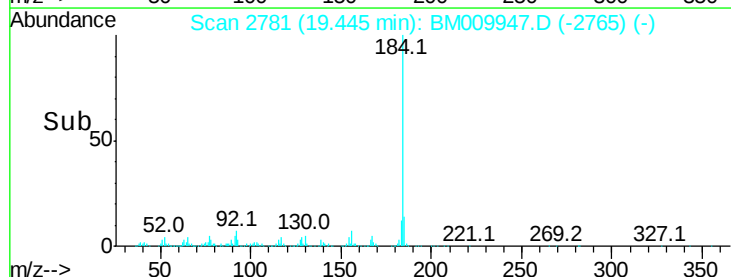
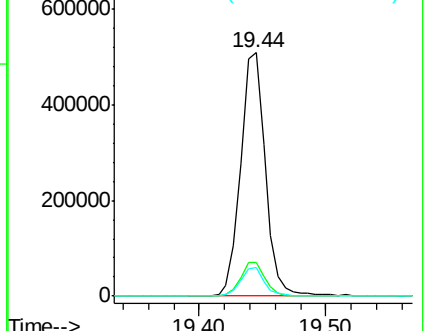
183 11.6 8.9 13.3

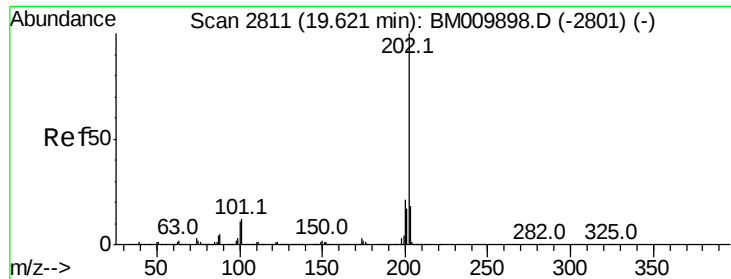


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.22 ng

RT: 19.62 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

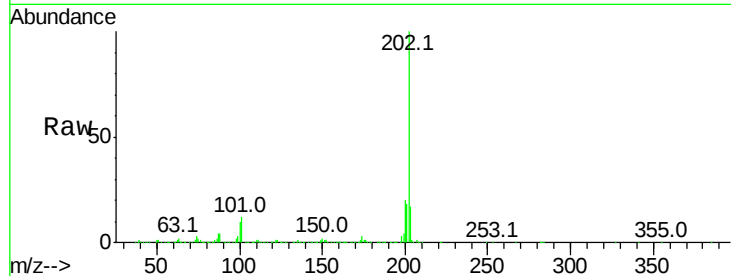
Tot Ion:202 Resp: 1806777

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	17.4	14.1	21.1

202 100

200 20.1 16.9 25.3

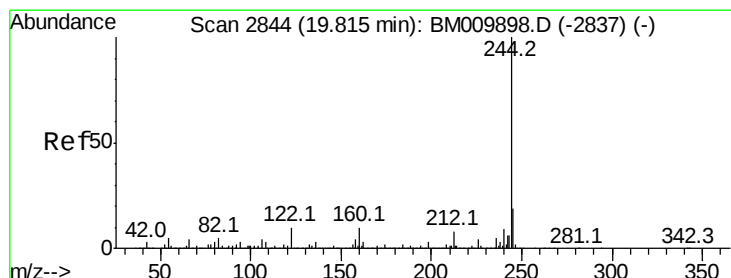
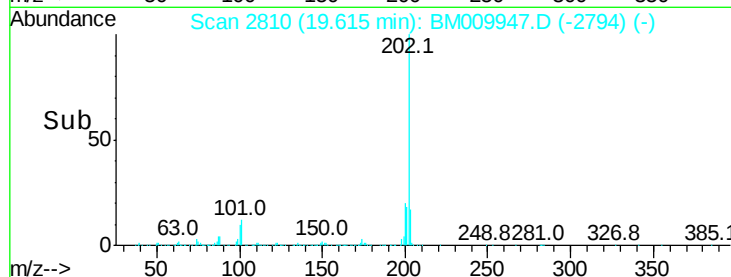
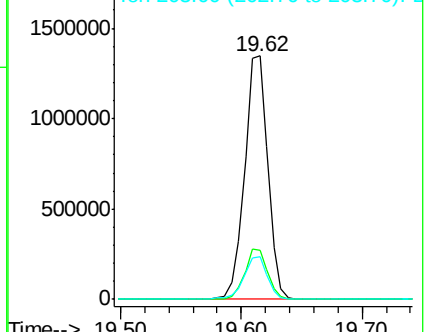
203 17.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.73 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

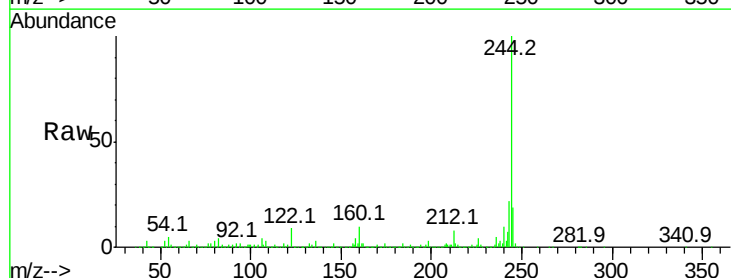
Tgt Ion:244 Resp: 2725468

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	8.8	6.2	9.4

244 100

212 7.6 4.9 7.3#

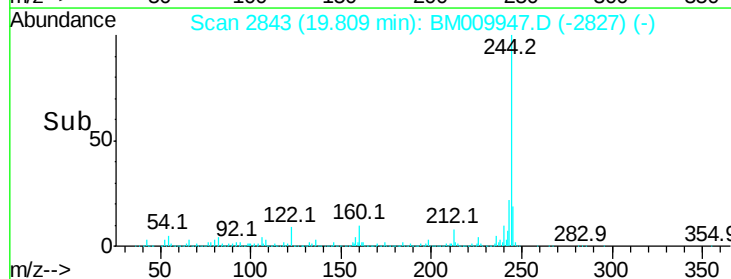
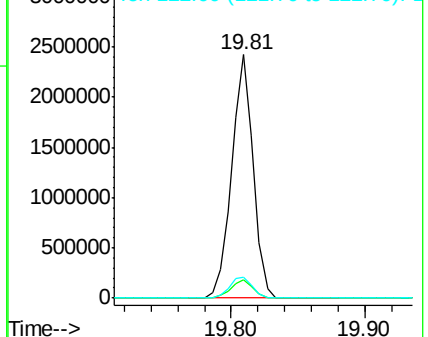
122 8.8 6.2 9.4

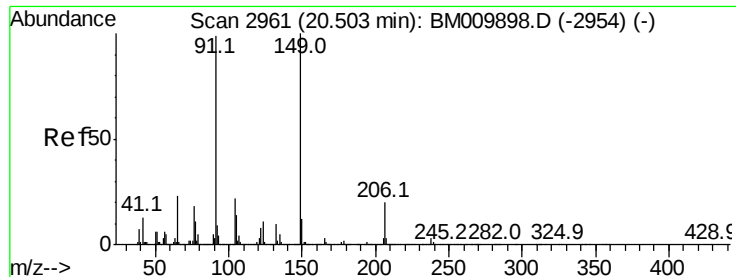


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

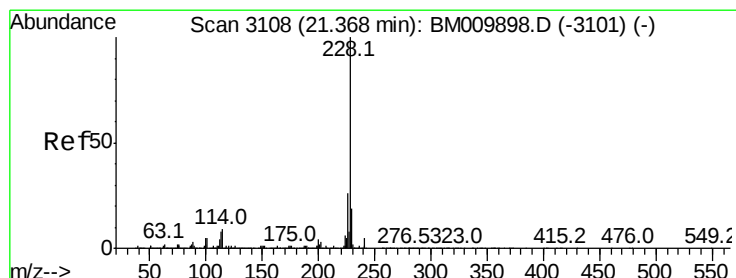
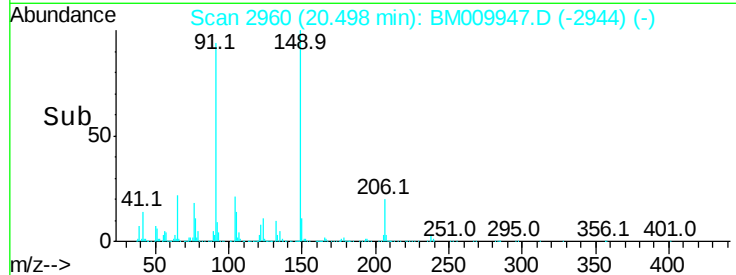
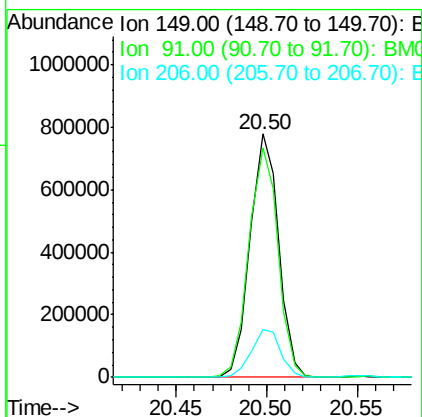
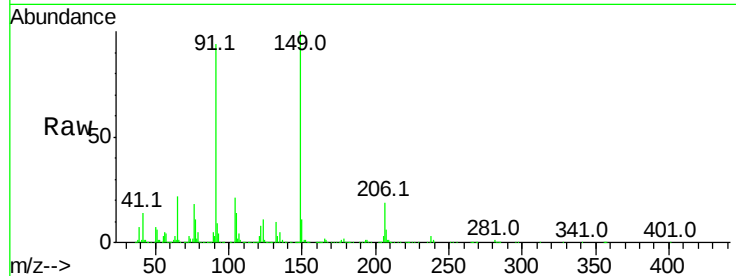




#79
Butylbenzylphthalate
Concen: 43.11 ng
RT: 20.50 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

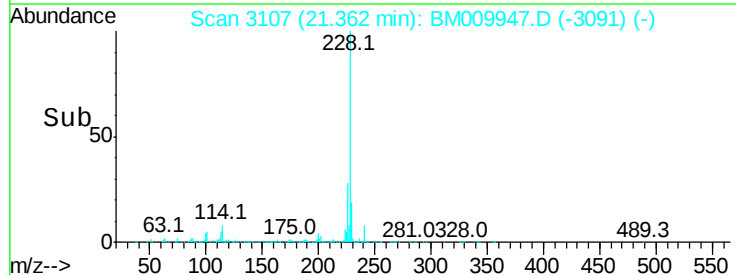
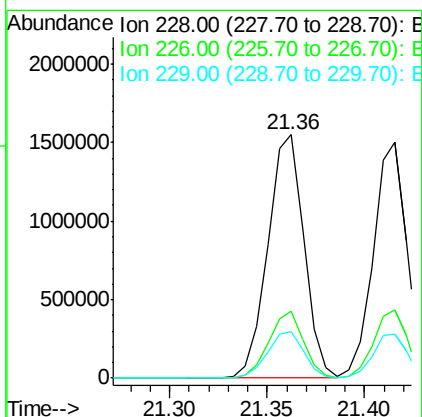
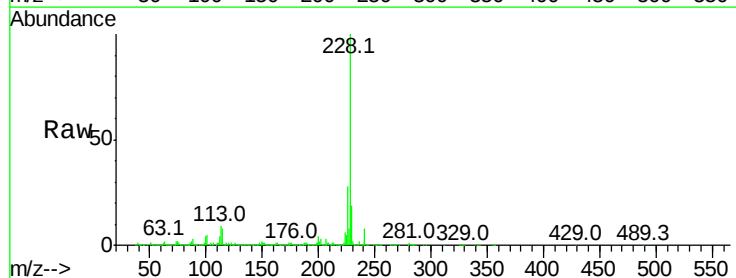
Instrument :
BNA_M
ClientSampleId :

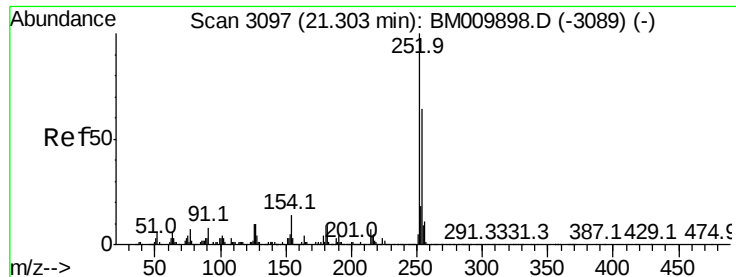
Tot Ion:149 Resp: 849561
Ion Ratio Lower Upper
149 100
91 94.2 50.1 75.1#
206 19.5 16.2 24.2



#80
Benzo(a)anthracene
Concen: 48.19 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM009947.D
Acq: 06 May 2017 18:27

Tgt Ion:228 Resp: 1985671
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.0 16.0 24.0

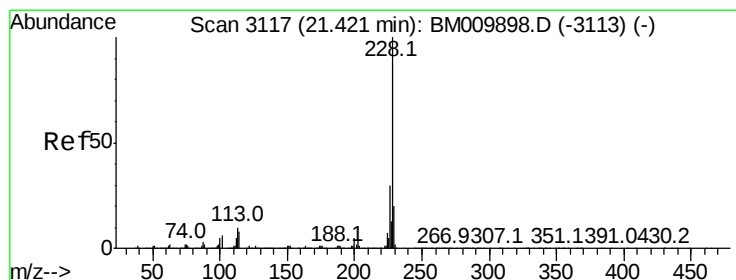
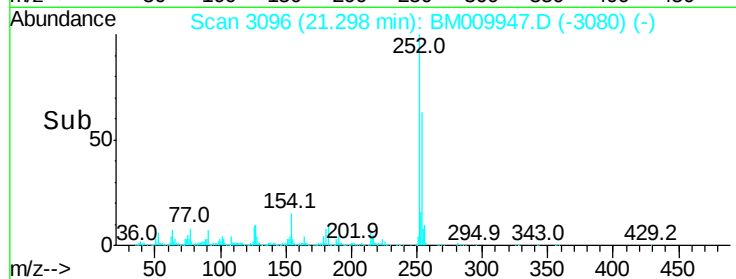
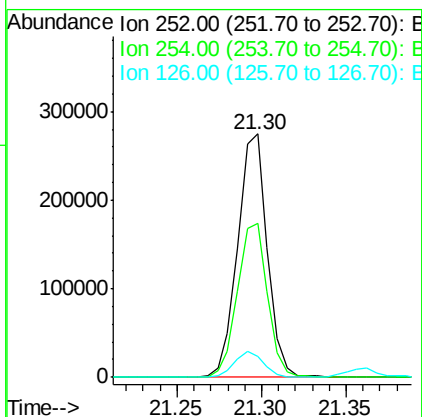
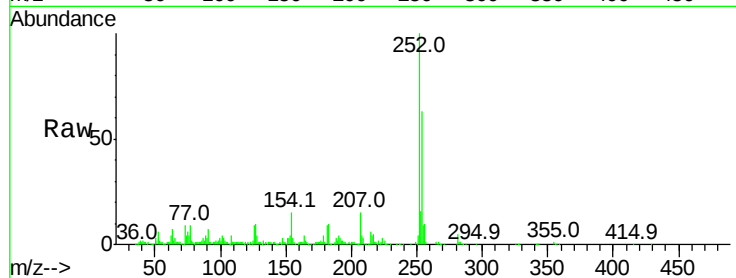




#81
 3,3'-Dichlorobenzidine
 Concen: 20.51 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

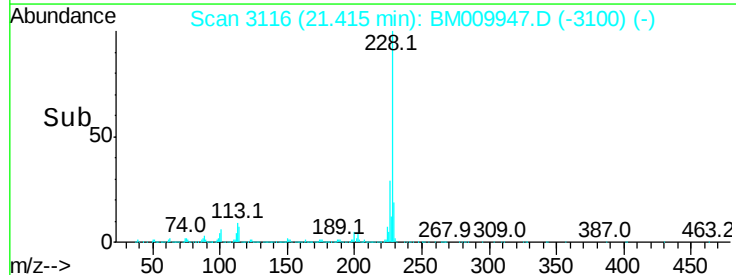
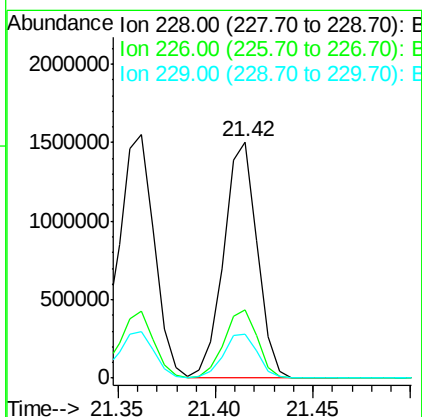
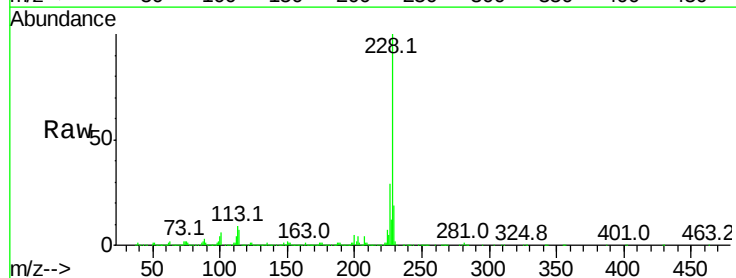
Instrument :
 BNA_M
 ClientSampleId :

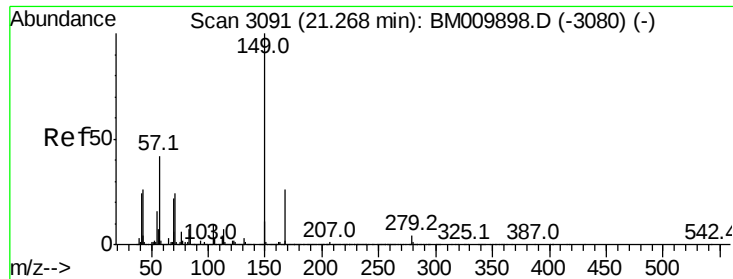
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.9	77.9
126	8.8	9.8	14.8



#82
 Chrysene
 Concen: 46.04 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM009947.D
 Acq: 06 May 2017 18:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.1	36.1
229	18.9	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.12 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

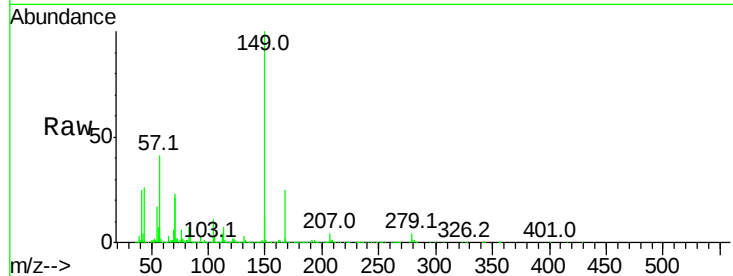
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1246317

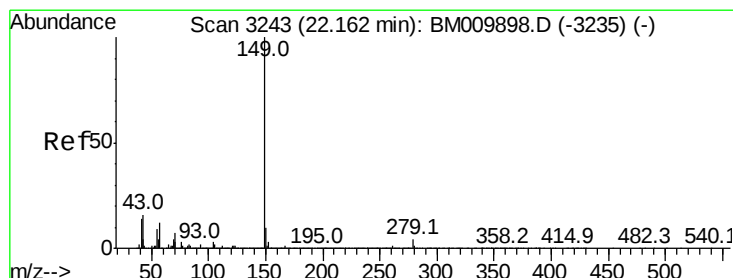
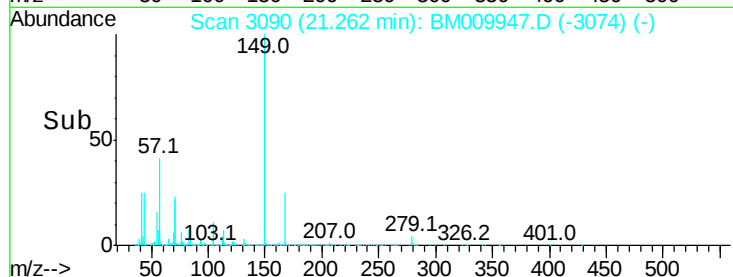
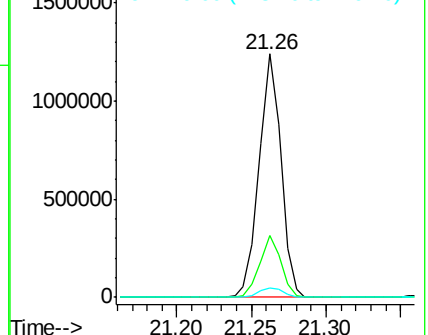
Ion	Ratio	Lower	Upper
149	100		
167	25.2	22.4	33.6
279	3.9	3.4	5.0



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: 41.66 ng

RT: 22.16 min Scan# 3242

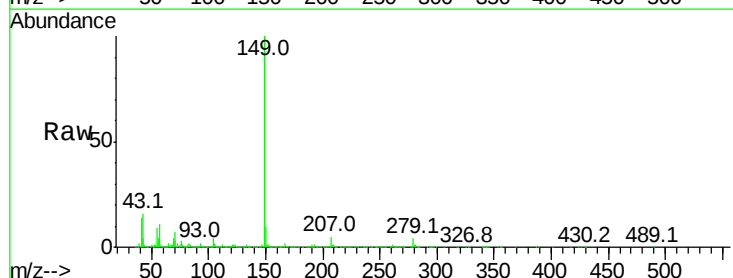
Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Tgt Ion:149 Resp: 2192792

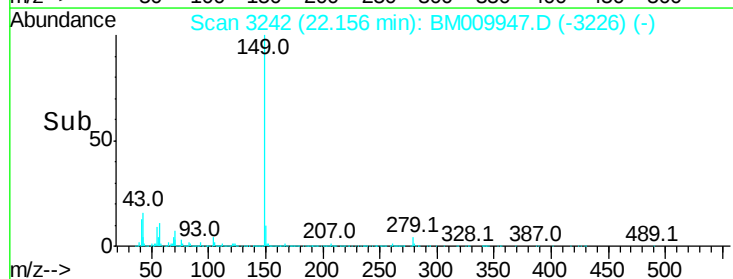
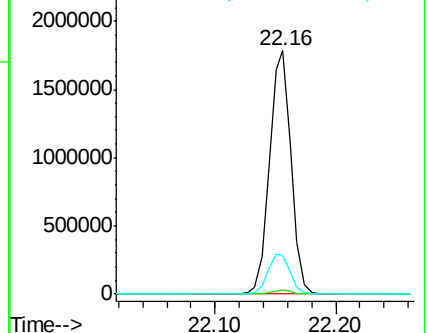
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	16.8	7.3	10.9#

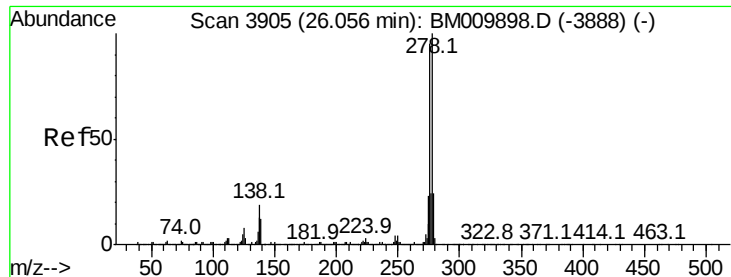


Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.25 ng

RT: 26.03 min Scan# 3901

Delta R.T. -0.02 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

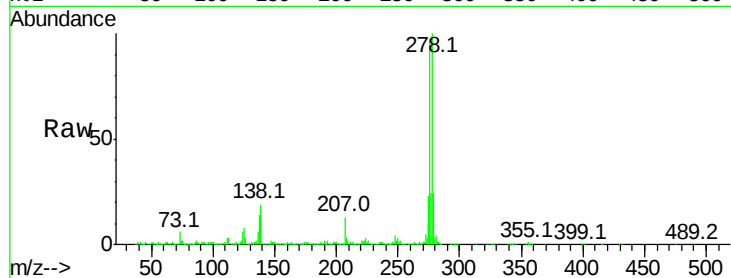
Tot Ion:276 Resp: 1932732

Ion Ratio Lower Upper

276 100

138 19.3 0.0 0.0#

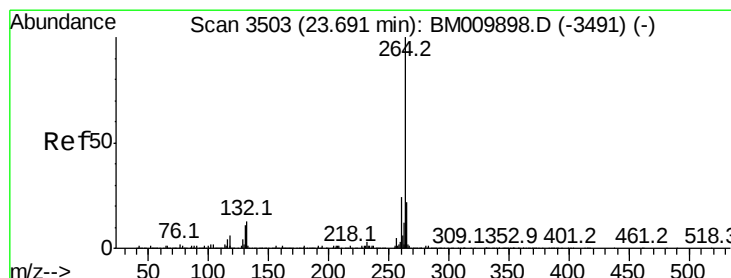
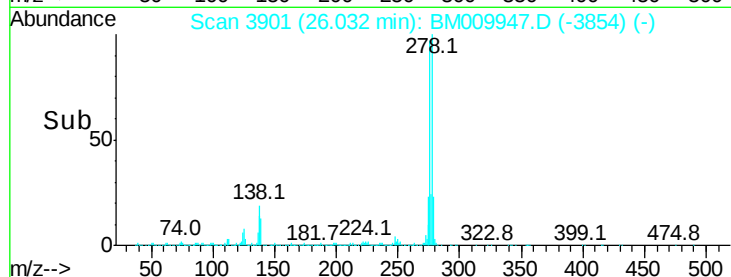
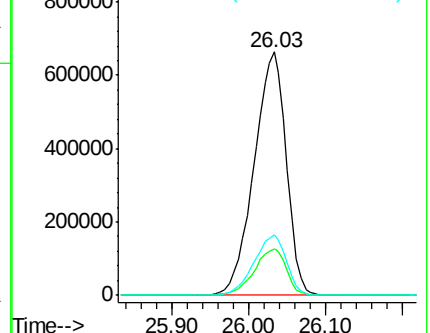
277 25.1 0.0 0.0#



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: 23.67 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

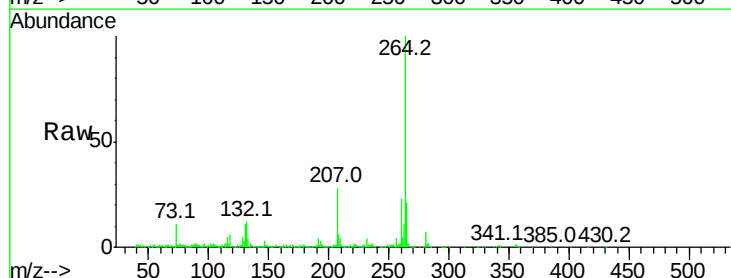
Tgt Ion:264 Resp: 612625

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

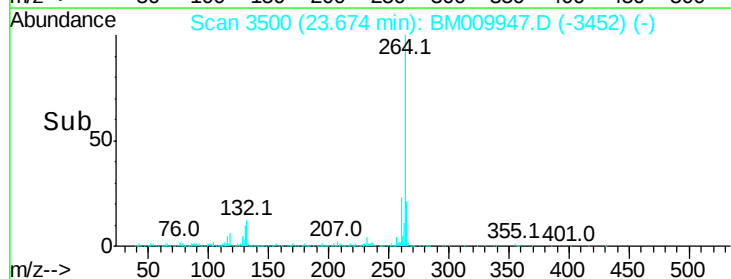
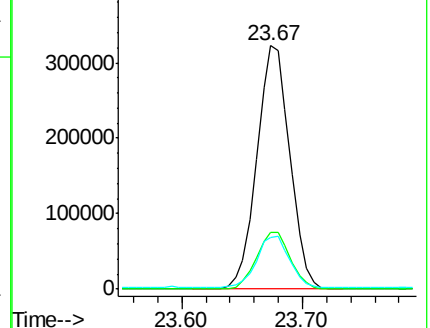
265 21.3 17.3 25.9

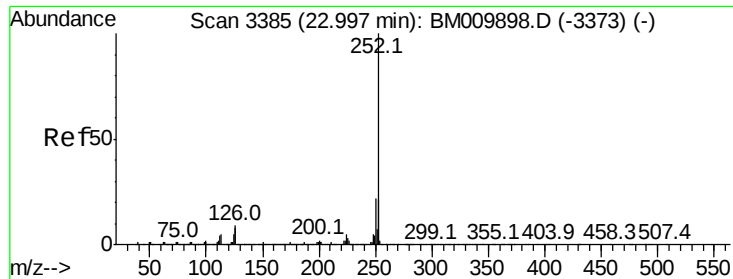


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.07 ng

RT: 22.99 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

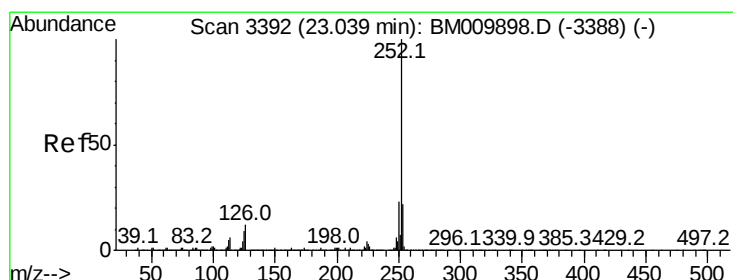
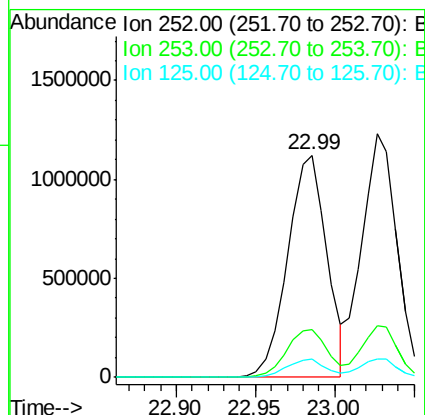
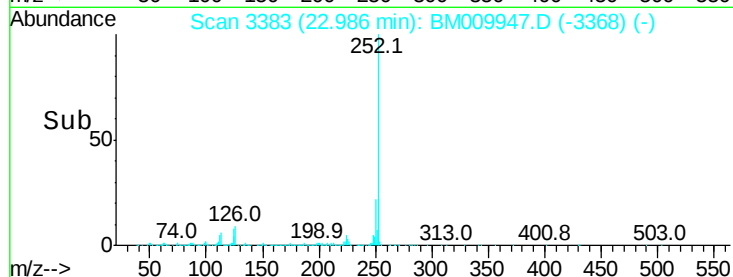
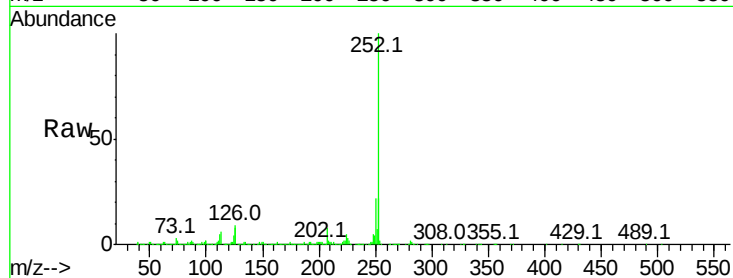
Tot Ion:252 Resp: 1915787

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 8.5 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 50.43 ng

RT: 22.99 min Scan# 3383

Delta R.T. -0.05 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

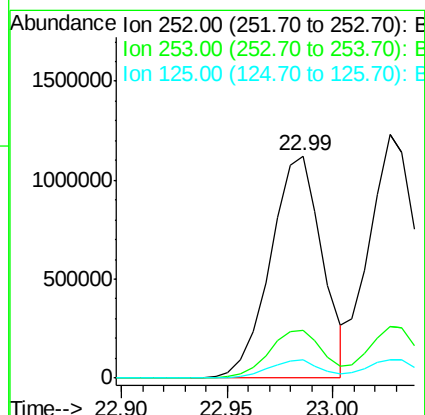
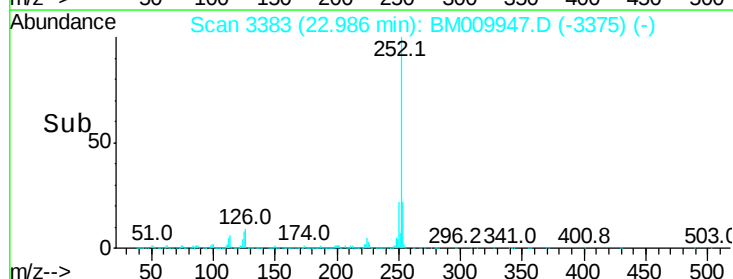
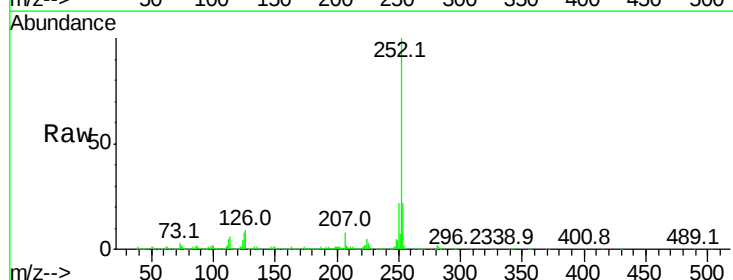
Tgt Ion:252 Resp: 1914140

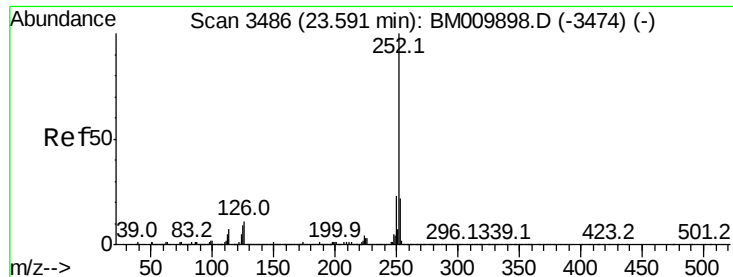
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 8.5 8.1 12.1





#89

Benzo(a)pyrene

Concen: 49.27 ng

RT: 23.58 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

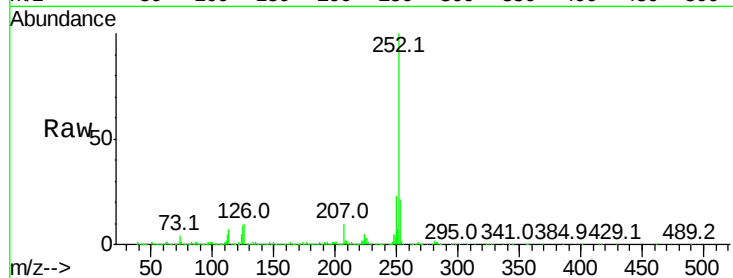
Tot Ion:252 Resp: 1804423

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

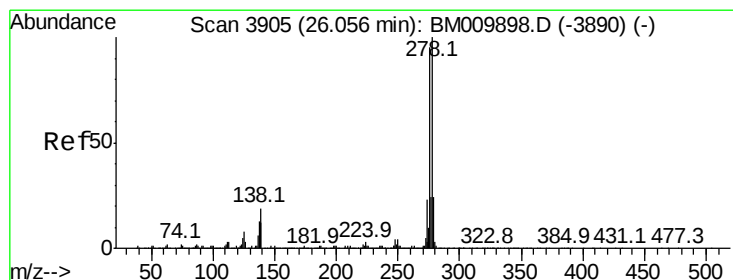
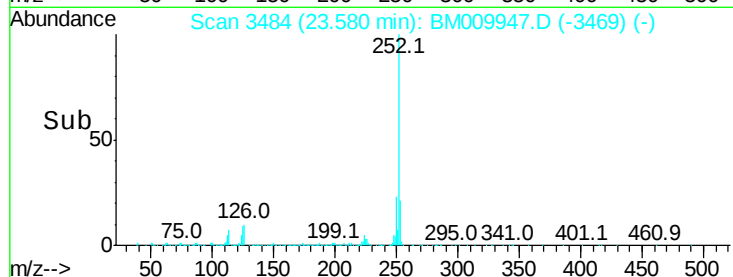
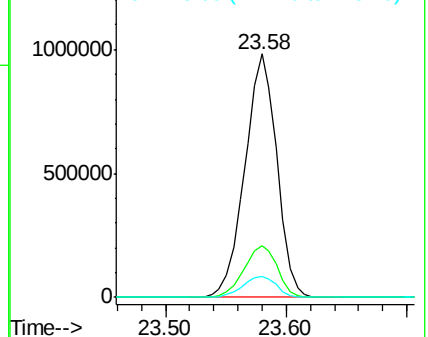
125 8.8 7.4 11.2



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: 45.06 ng

RT: 26.03 min Scan# 3901

Delta R.T. -0.02 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

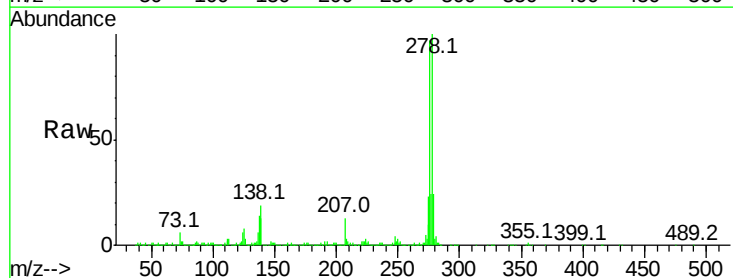
Tgt Ion:278 Resp: 1656085

Ion Ratio Lower Upper

278 100

139 12.8 13.4 20.0#

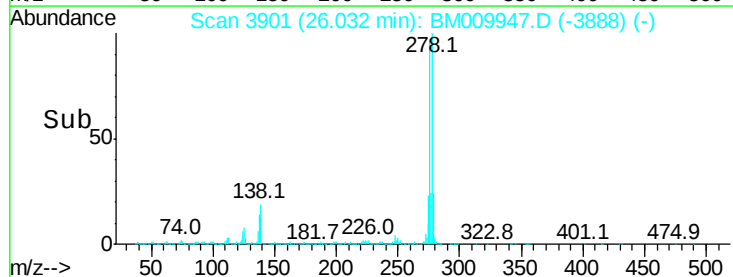
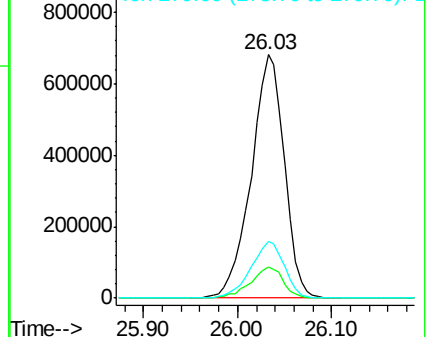
279 23.6 19.0 28.4

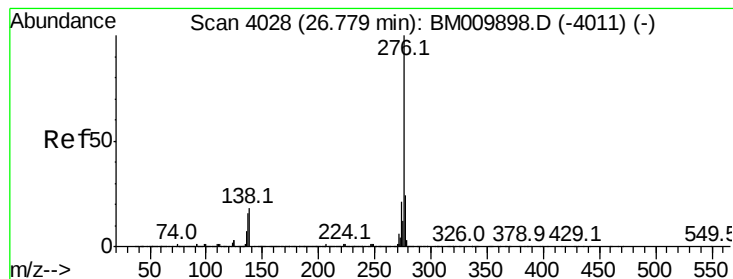


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.41 ng

RT: 26.75 min Scan# 4023

Delta R.T. -0.03 min

Lab File: BM009947.D

Acq: 06 May 2017 18:27

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 1461964

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 16.1 19.0 28.6#

