

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009967.D
 Acq On : 10 May 2017 12:45
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 10 16:58:01 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	72932	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	323868	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	200613	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	498032	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	687091	20.00	ng	-0.02
86) Perylene-d12	23.66	264	580169	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	382599	83.52	ng	-0.01
7) Phenol-d6	6.95	99	586624	83.54	ng	-0.02
23) Nitrobenzene-d5	8.94	82	771509	86.21	ng	-0.02
41) 2,4,6-Tribromophenol	15.93	330	229361	83.71	ng	-0.01
44) 2-Fluorobiphenyl	13.03	172	1231571	79.99	ng	-0.02
78) Terphenyl-d14	19.80	244	2688602	80.27	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	79869	45.40	ng	# 100
3) Pyridine	3.69	79	270511	44.71	ng	91
4) n-Nitrosodimethylamine	3.60	42	146804	37.20	ng	# 63
6) Aniline	7.11	93	376885	40.60	ng	# 89
8) 2-Chlorophenol	7.34	128	210029	41.18	ng	85
9) Benzaldehyde	6.93	77	229841	41.20	ng	# 78
10) Phenol	6.98	94	311799	40.56	ng	96
11) bis(2-Chloroethyl)ether	7.20	93	245629	40.14	ng	88
12) 1,3-Dichlorobenzene	7.65	146	220904	39.08	ng	# 83
13) 1,4-Dichlorobenzene	7.80	146	231329	39.71	ng	# 91
14) 1,2-Dichlorobenzene	8.12	146	223263	39.88	ng	# 91
15) Benzyl Alcohol	8.02	79	265974	40.90	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.30	45	297447	26.30	ng	92
17) 2-Methylphenol	8.22	107	215565	41.64	ng	# 81
18) Hexachloroethane	8.83	117	106801	41.37	ng	96
19) n-Nitroso-di-n-propylamine	8.58	70	280754	42.17	ng	# 95
20) 3+4-Methylphenols	8.55	107	297704	41.85	ng	# 87
22) Acetophenone	8.60	105	411911	40.65	ng	# 95
24) Nitrobenzene	8.99	77	399073	42.96	ng	# 84
25) Isophorone	9.50	82	631987	40.03	ng	# 86
26) 2-Nitrophenol	9.69	139	117878	39.23	ng	# 47
27) 2,4-Dimethylphenol	9.75	122	213670	39.52	ng	# 76
28) bis(2-Chloroethoxy)methane	9.98	93	364520	39.68	ng	99
29) 2,4-Dichlorophenol	10.22	162	207200	39.97	ng	87
30) 1,2,4-Trichlorobenzene	10.43	180	239058	39.46	ng	95
31) Naphthalene	10.62	128	710716	39.91	ng	99
32) Benzoic acid	9.93	122	137947	38.85	ng	# 68
33) 4-Chloroaniline	10.74	127	308699	41.10	ng	# 76
34) Hexachlorobutadiene	10.87	225	163277	38.73	ng	95
35) Caprolactam	11.56	113	79926	40.43	ng	96
36) 4-Chloro-3-methylphenol	11.87	107	289723	41.16	ng	# 78
37) 2-Methylnaphthalene	12.23	142	495446	39.39	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	292042	40.47	ng	# 100
40) Hexachlorocyclopentadiene	12.56	237	52428	36.92	ng	91

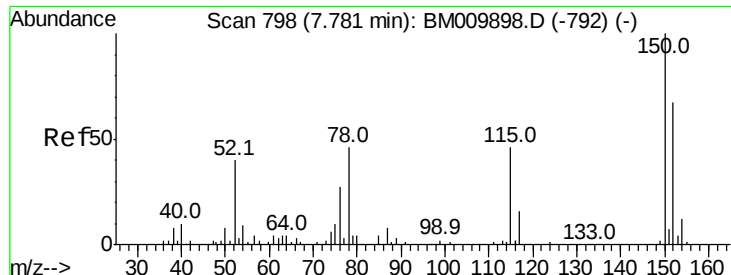
Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009967.D
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 Operator : SJ/MA
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 Misc :
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Instrument :
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 ClientSampleId :

Quant Time: May 10 16:58:01 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)
42) 2,4,6-Trichlorophenol	12.85	196	179913	38.58	nq	98
43) 2,4,5-Trichlorophenol	12.93	196	194142	38.69	nq #	79
45) 1,1'-Biphenyl	13.25	154	689678	40.38	nq	96
46) 2-Chloronaphthalene	13.29	162	557158	41.27	nq #	91
47) 2-Nitroaniline	13.52	65	271014	41.57	nq #	66
48) Acenaphthylene	14.15	152	860057	40.59	nq	97
49) Dimethylphthalate	13.89	163	757879	39.65	nq	99
50) 2,6-Dinitrotoluene	14.02	165	152138	40.82	nq #	42
51) Acenaphthene	14.49	154	522731	39.98	nq	97
52) 3-Nitroaniline	14.36	138	165980	41.16	nq #	28
53) 2,4-Dinitrophenol	14.58	184	68009	36.74	nq #	71
54) Dibenzofuran	14.82	168	813649	40.69	nq #	89
55) 4-Nitrophenol	14.69	139	97687	36.06	nq #	1
56) 2,4-Dinitrotoluene	14.82	165	224527	41.45	nq #	66
57) Fluorene	15.47	166	724566	41.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	162321	42.24	nq #	100
59) Diethylphthalate	15.25	149	832510	40.78	nq	97
60) 4-Chlorophenyl-phenylether	15.47	204	385853	41.21	nq	99
61) 4-Nitroaniline	15.53	138	172962	42.82	nq #	6
62) Azobenzene	15.76	77	1052079	46.26	nq	84
64) 4,6-Dinitro-2-methylphenol	15.59	198	125132	38.59	nq	85
65) n-Nitrosodiphenylamine	15.69	169	635440	40.26	nq	98
66) 4-Bromophenyl-phenylether	16.36	248	232835	39.97	nq #	87
67) Hexachlorobenzene	16.48	284	264192	39.81	nq #	89
68) Atrazine	16.65	200	245465	40.61	nq	98
69) Pentachlorophenol	16.83	266	104241	39.17	nq	97
70) Phenanthrene	17.22	178	1164912	40.40	nq	99
71) Anthracene	17.32	178	1201605	41.33	nq	99
72) Carbazole	17.59	167	1089669	41.34	nq	99
73) Di-n-butylphthalate	18.13	149	1568981	41.44	nq #	96
74) Fluoranthene	19.24	202	1511489	41.54	nq	97
76) Benzidine	19.43	184	735851	35.50	nq	99
77) Pyrene	19.60	202	1611624	39.27	nq	99
79) Butylbenzylphthalate	20.49	149	785772	39.70	nq #	61
80) Benzo(a)anthracene	21.36	228	1683502	40.68	nq	98
81) 3,3'-Dichlorobenzidine	21.29	252	631519	38.40	nq	99
82) Chrysene	21.40	228	1578492	40.57	nq	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	1189146	39.06	nq	97
84) Di-n-octyl phthalate	22.14	149	2064701	39.06	nq #	90
85) Indeno(1,2,3-cd)pyrene	26.01	276	1443389	32.90	nq #	100
87) Benzo(b)fluoranthene	22.97	252	1537146	41.58	nq #	95
88) Benzo(k)fluoranthene	23.02	252	1521995	42.34	nq #	97
89) Benzo(a)pyrene	23.57	252	1389372	40.06	nq	98
90) Dibenzo(a,h)anthracene	26.02	278	1292776	37.15	nq #	95
91) Benzo(g,h,i)perylene	26.73	276	1172269	35.91	nq #	92

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

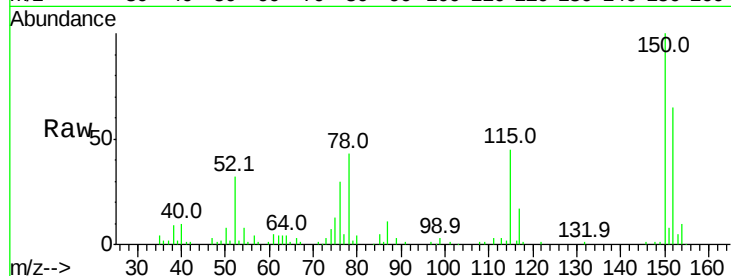


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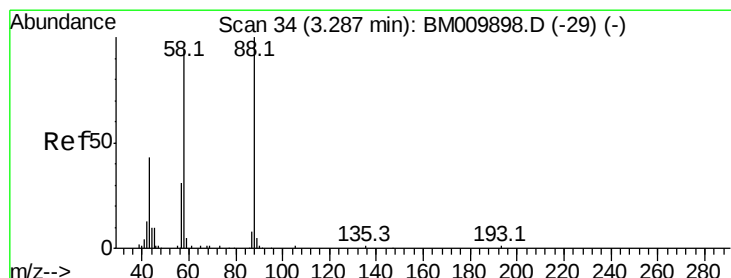
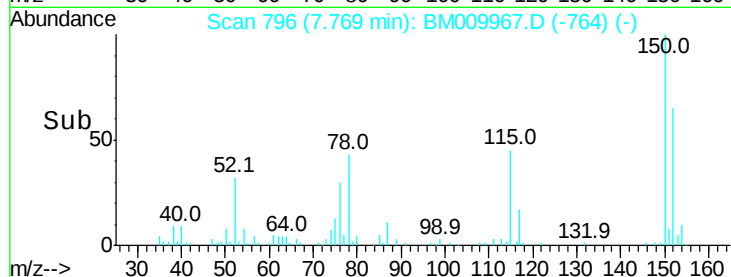
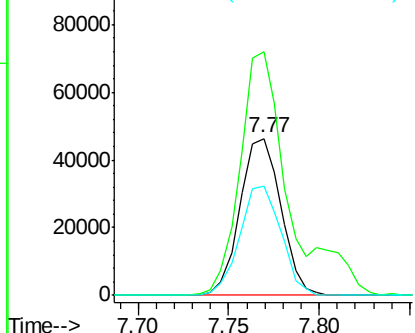
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 72932
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 69.9 43.0 64.4#



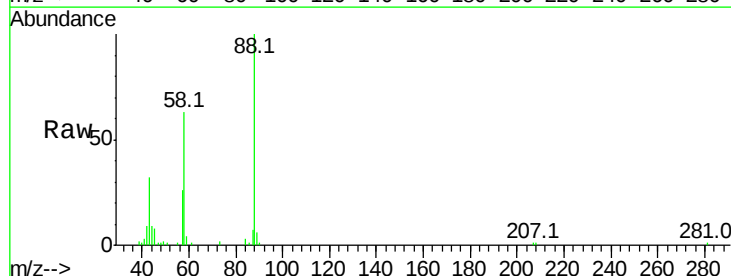
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



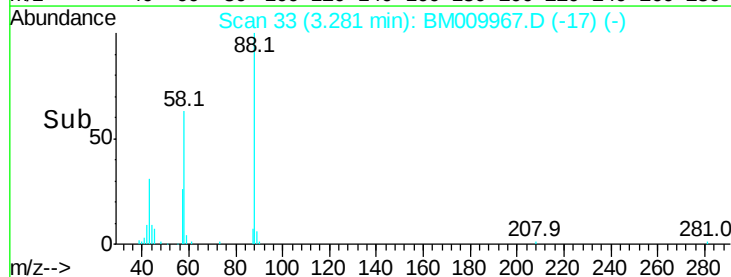
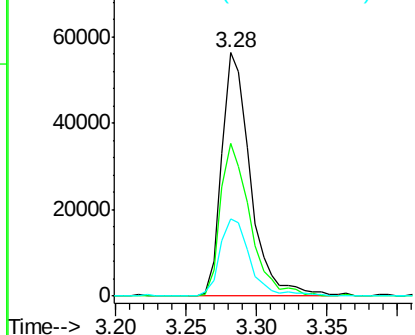
#2

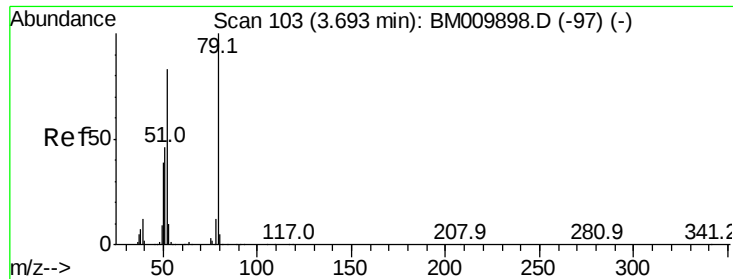
1,4-Dioxane
Concen: 45.40 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion: 88 Resp: 79869
Ion Ratio Lower Upper
88 100
58 64.3 0.0 0.0#
43 33.6 0.0 0.0#



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





#3

Pvridine

Concen: 44.71 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

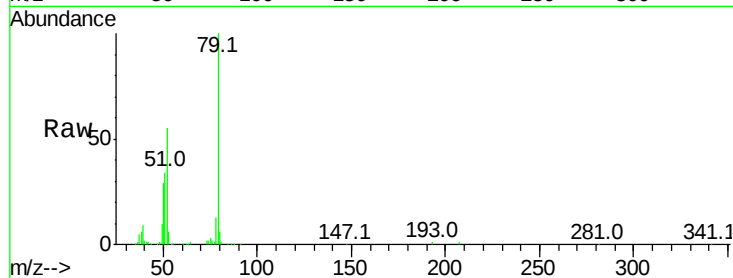
Tot Ion: 79 Resp: 270511

Ion Ratio Lower Upper

79 100

52 54.8 51.1 76.7

51 34.1 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM009898.D (-97) (-)

200000

Ion 52.00 (51.70 to 52.70): BM009898.D (-97) (-)

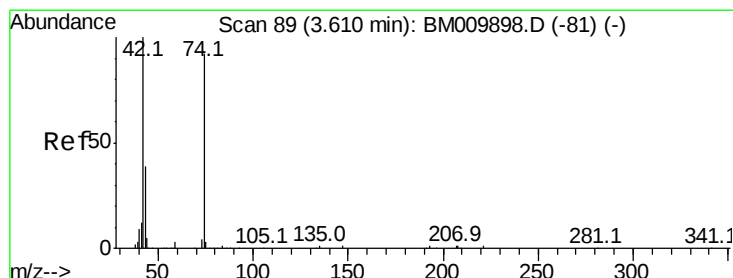
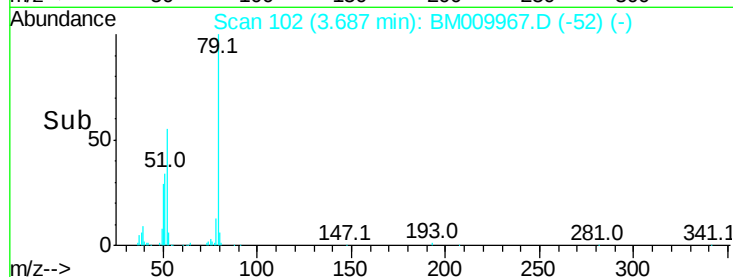
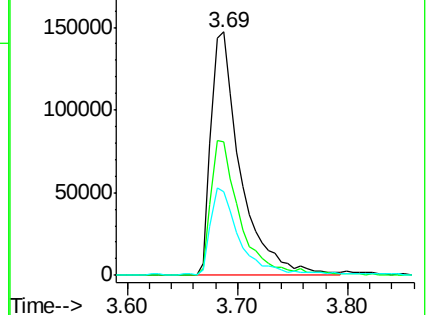
150000

Ion 51.00 (50.70 to 51.70): BM009898.D (-97) (-)

100000

50000

0



#4

n-Nitrosodimethylamine

Concen: 37.20 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

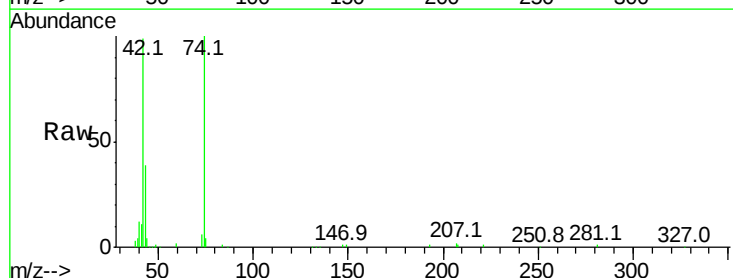
Tgt Ion: 42 Resp: 146804

Ion Ratio Lower Upper

42 100

74 101.0 119.3 178.9#

44 4.1 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM009898.D (-81) (-)

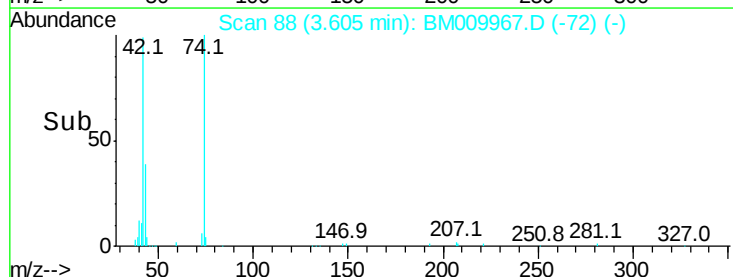
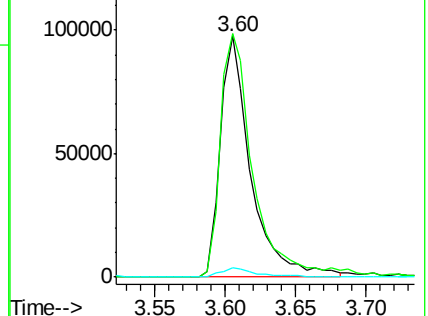
100000

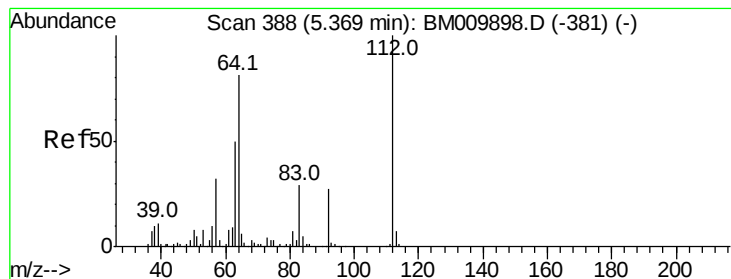
Ion 74.00 (73.70 to 74.70): BM009898.D (-81) (-)

50000

Ion 44.00 (43.70 to 44.70): BM009898.D (-81) (-)

0





#5

2-Fluorophenol

Concen: 83.52 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

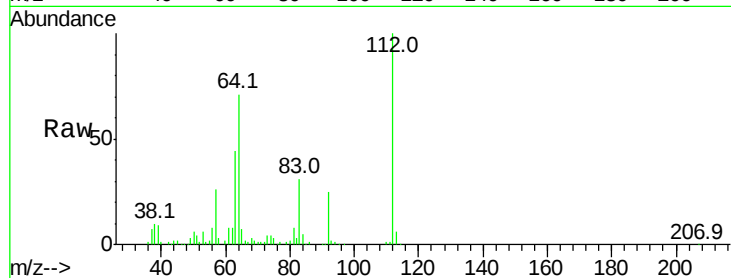
Tot Ion:112 Resp: 382599

Ion Ratio Lower Upper

112 100

64 71.4 38.6 57.8#

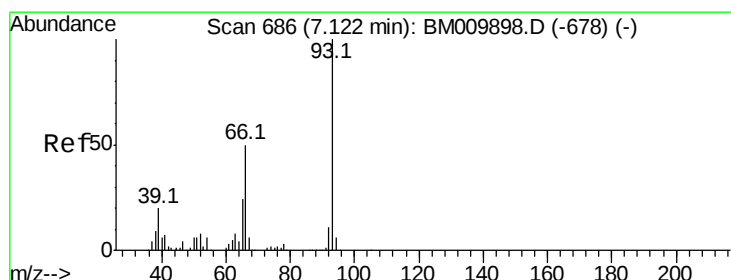
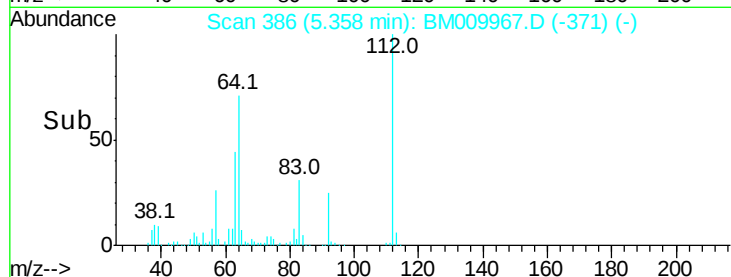
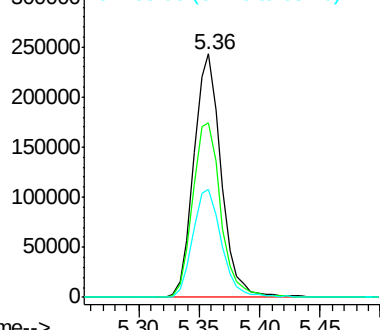
63 44.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 40.60 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

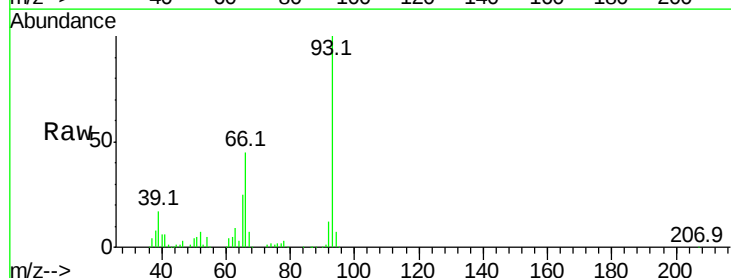
Tgt Ion: 93 Resp: 376885

Ion Ratio Lower Upper

93 100

66 45.3 30.8 46.2

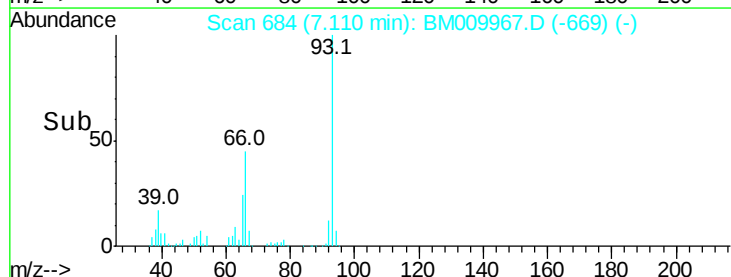
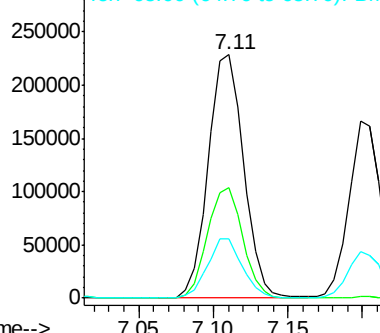
65 24.6 16.0 24.0#

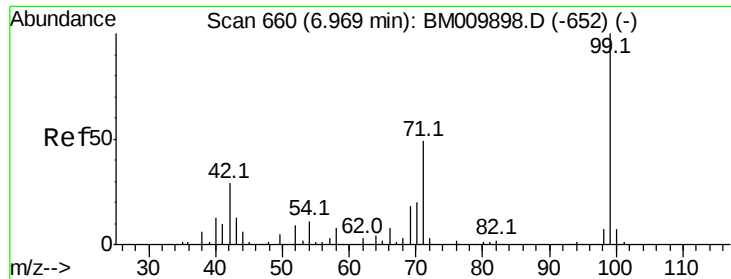


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 83.54 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampled :

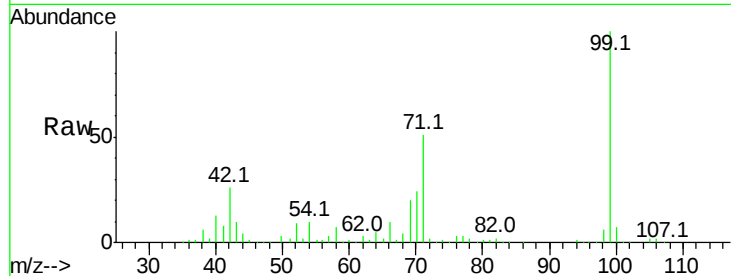
Tot Ion: 99 Resp: 586624

Ion Ratio Lower Upper

99 100

42 26.0 11.0 16.4#

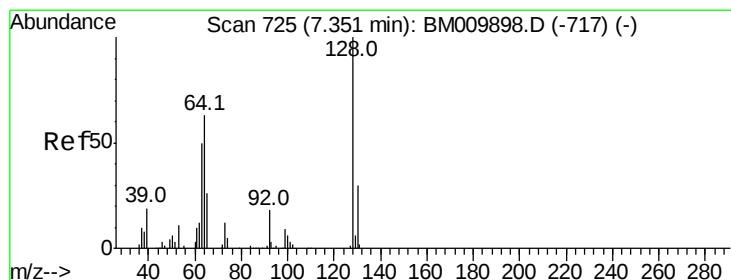
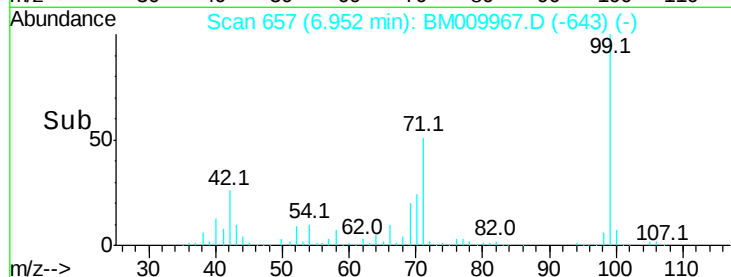
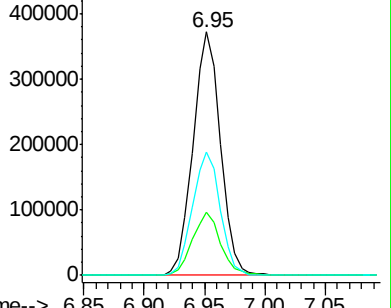
71 50.7 23.4 35.2#



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: 41.18 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

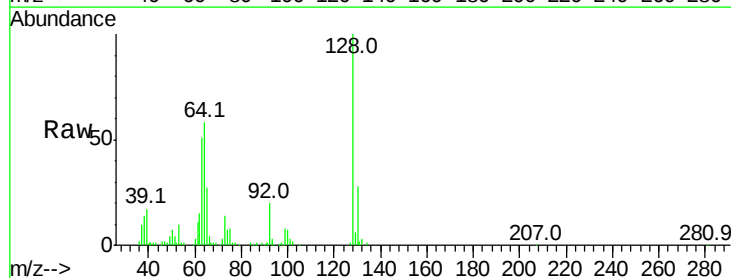
Tgt Ion: 128 Resp: 210029

Ion Ratio Lower Upper

128 100

130 28.0 12.0 52.0

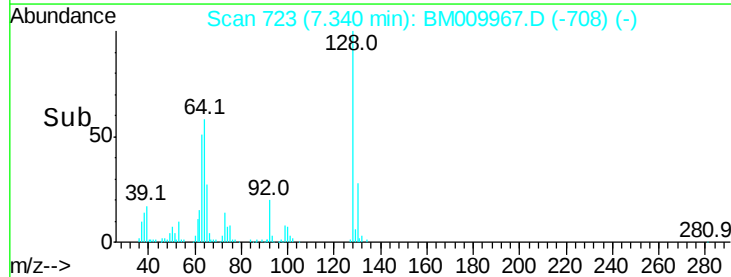
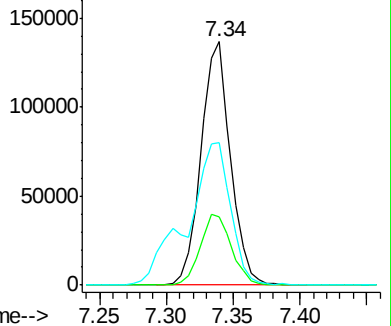
64 58.3 24.9 64.9

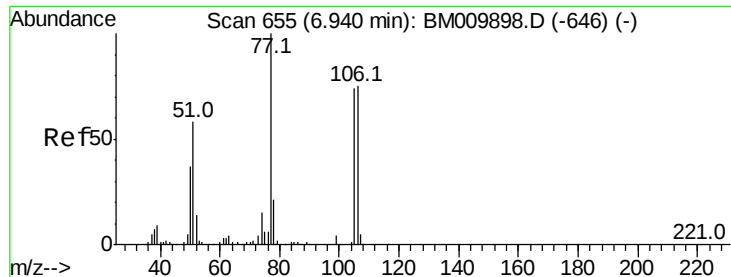


Abundance Ion 128.00 (127.70 to 128.70): BM009898.D (-717) (-)

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: 41.20 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampled :

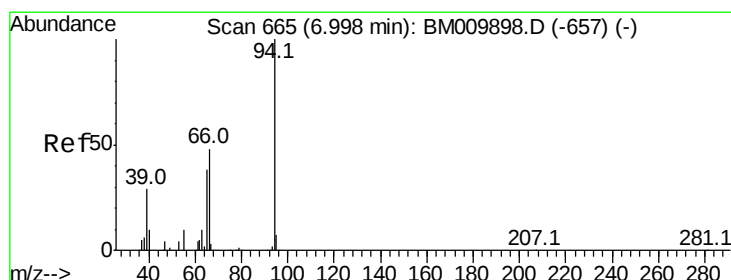
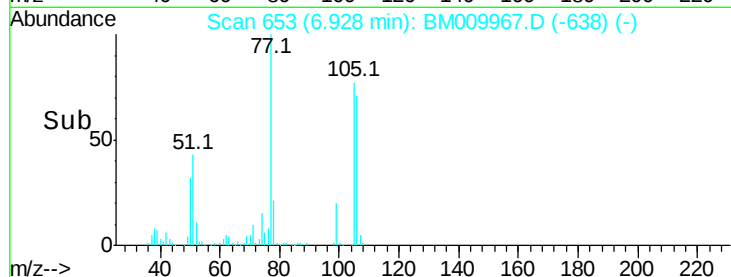
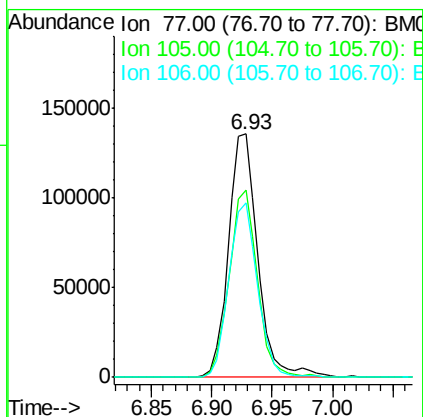
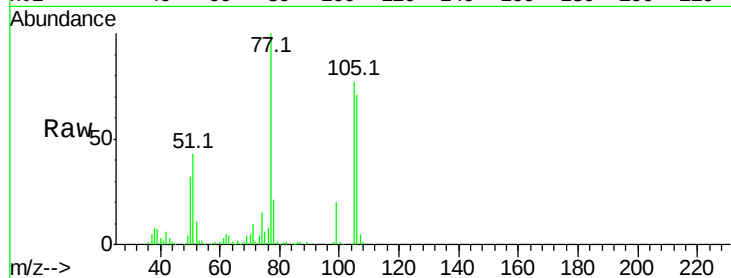
Tot Ion: 77 Resp: 229841

Ion Ratio Lower Upper

77 100

105 77.1 78.8 118.8#

106 71.5 73.7 113.7#



#10

Phenol

Concen: 40.56 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

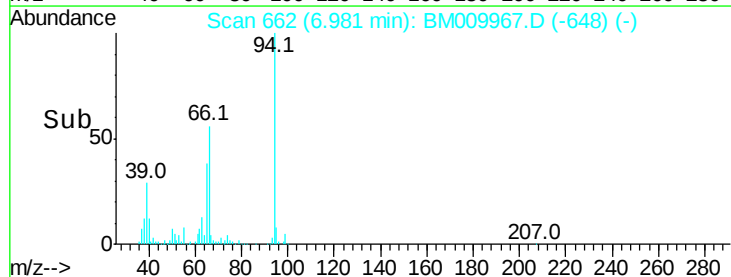
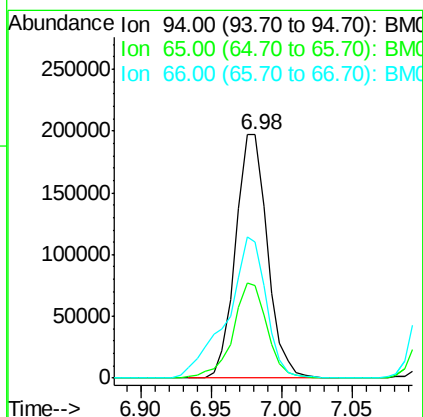
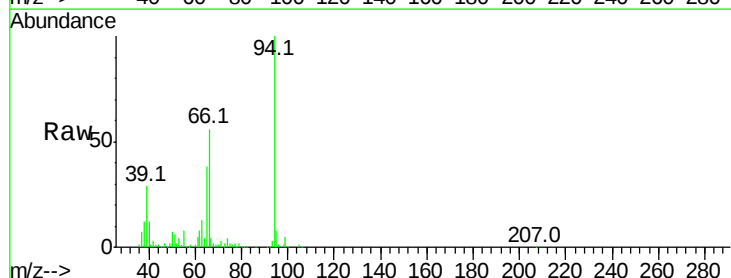
Tgt Ion: 94 Resp: 311799

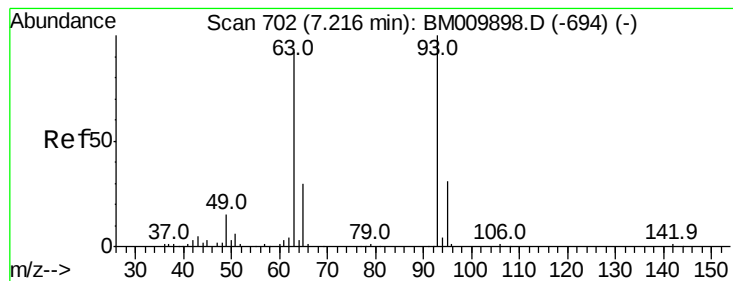
Ion Ratio Lower Upper

94 100

65 38.1 18.8 58.8

66 56.1 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 40.14 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

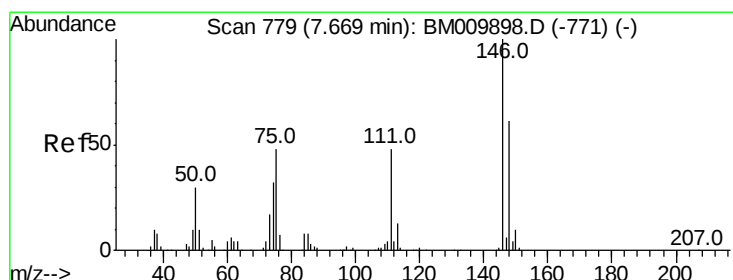
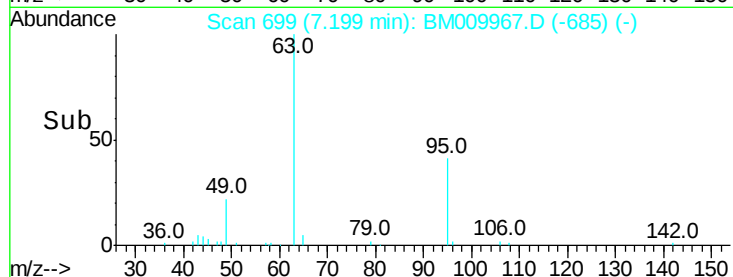
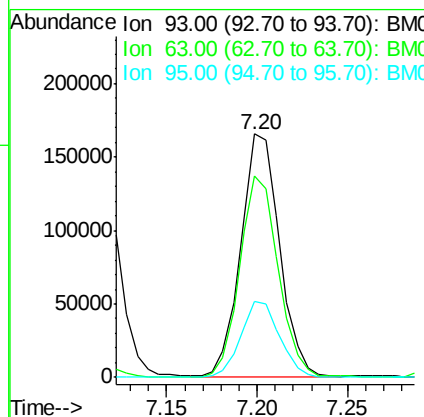
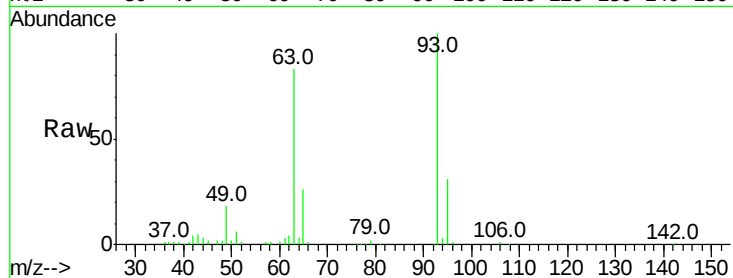
Tot Ion: 93 Resp: 245629

Ion Ratio Lower Upper

93 100

63 82.8 49.5 89.5

95 31.0 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.08 ng

RT: 7.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

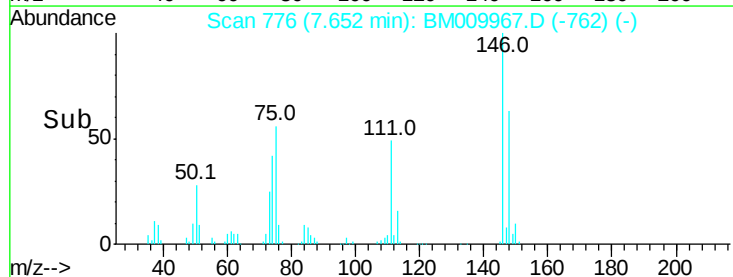
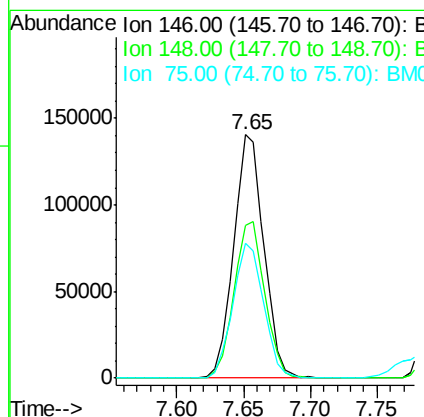
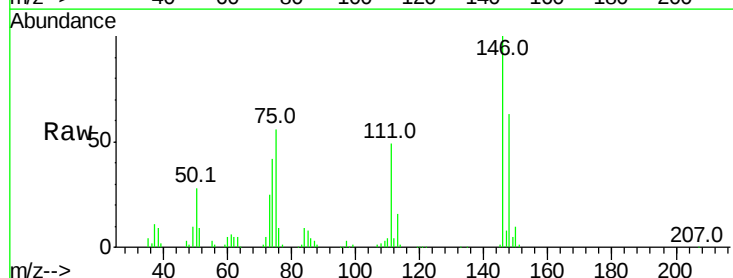
Tgt Ion: 146 Resp: 220904

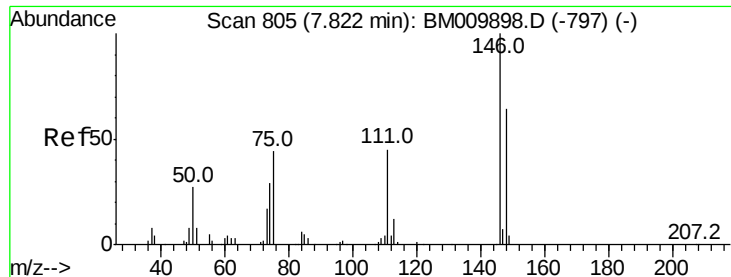
Ion Ratio Lower Upper

146 100

148 62.7 50.9 76.3

75 55.6 21.4 32.2#

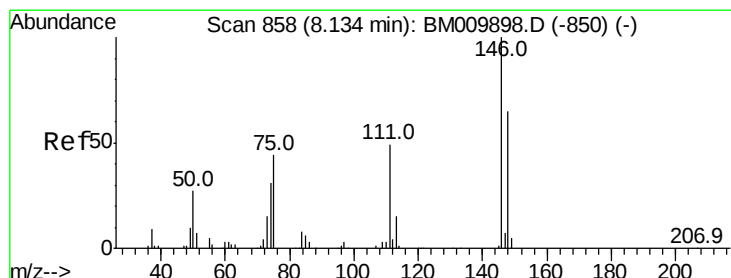
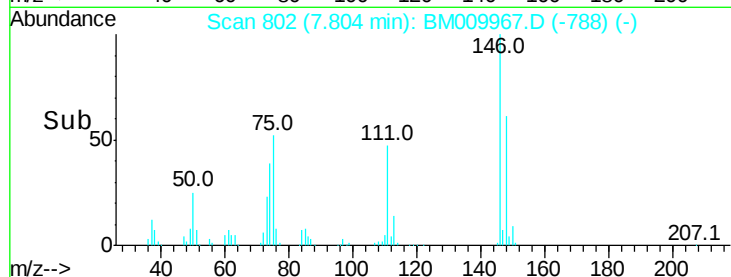
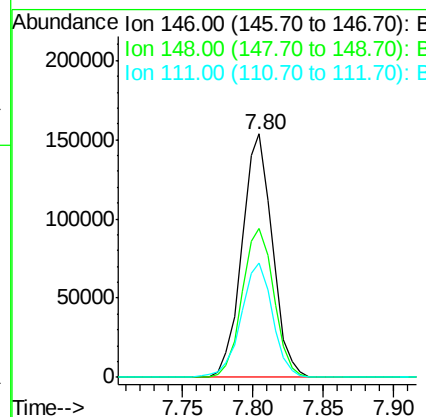
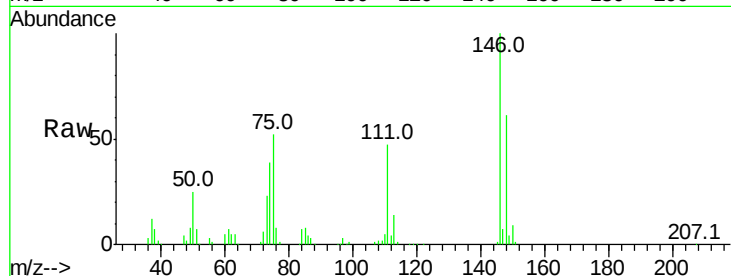




#13
 1,4-Dichlorobenzene
 Concen: 39.71 ng
 RT: 7.80 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

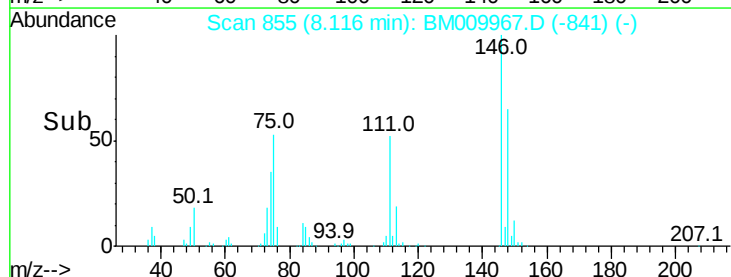
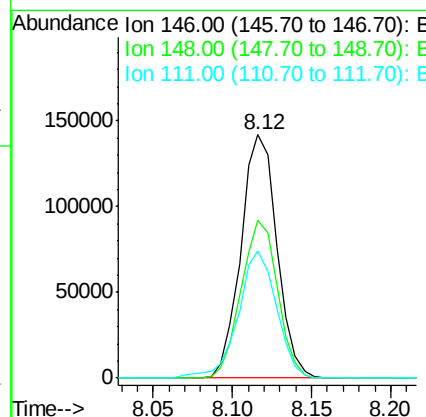
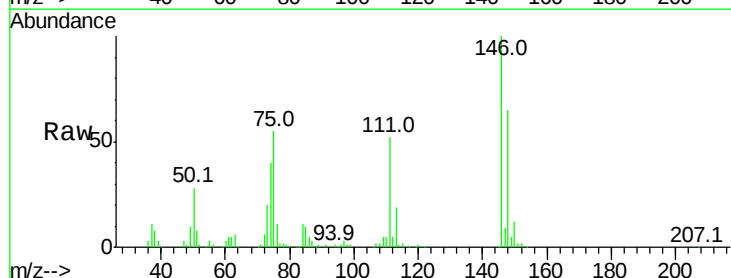
Instrument :
 BNA_M
 ClientSampled :

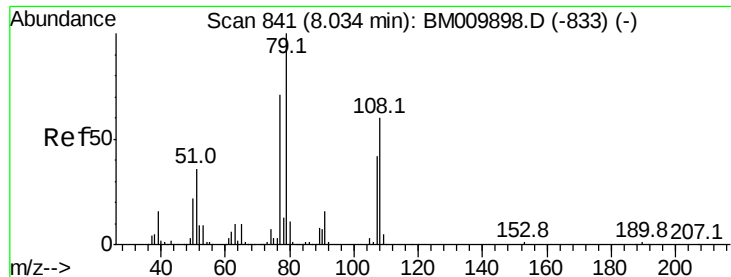
Tot Ion:146 Resp: 231329
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.9 77.9
 111 46.7 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 39.88 ng
 RT: 8.12 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion:146 Resp: 223263
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.3 78.5
 111 52.3 30.6 45.8#





#15

Benzyl Alcohol

Concen: 40.90 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampled :

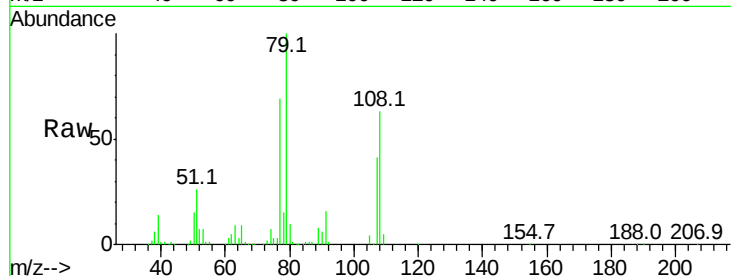
Tot Ion: 79 Resp: 265974

Ion Ratio Lower Upper

79 100

108 62.8 65.0 97.4#

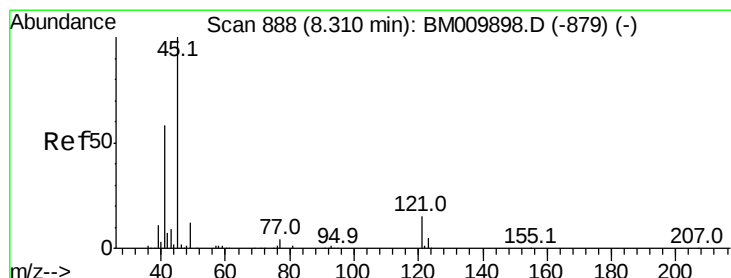
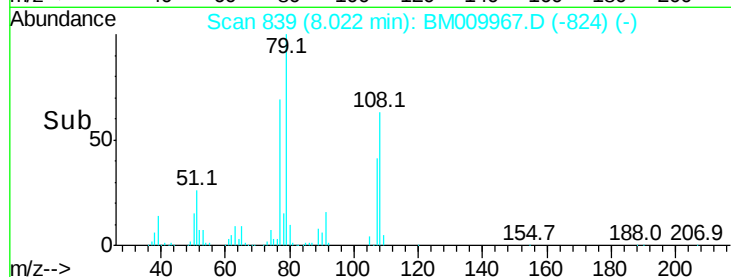
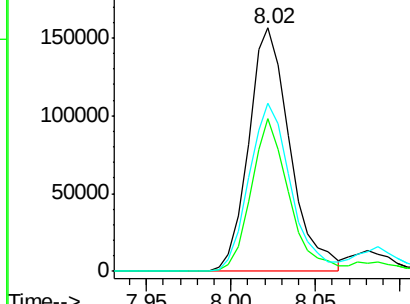
77 68.8 53.0 79.6



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: 26.30 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

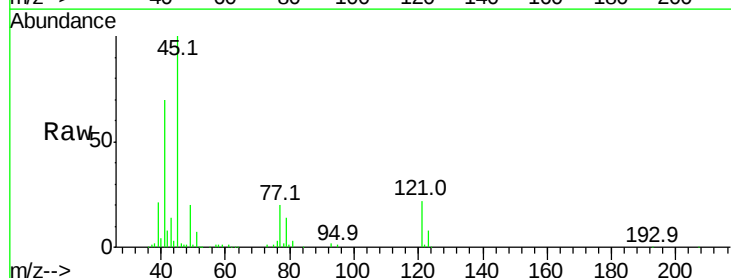
Tgt Ion: 45 Resp: 297447

Ion Ratio Lower Upper

45 100

77 19.6 0.0 35.2

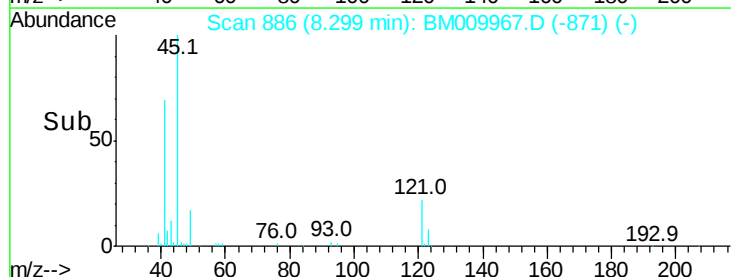
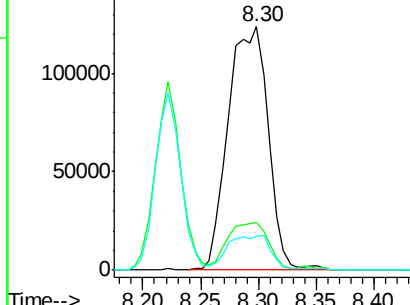
79 13.8 0.0 32.0

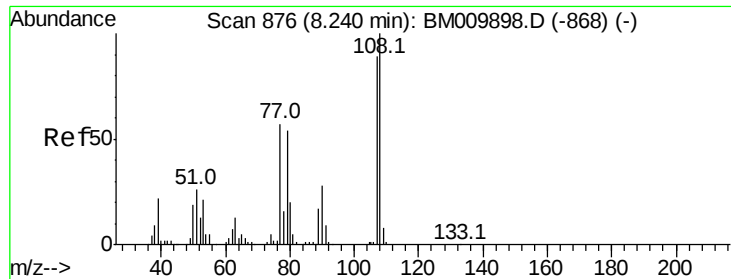


Abundance Ion 45.00 (44.70 to 45.70): BM009898.D (-879) (-)

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: 41.64 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM009967.D

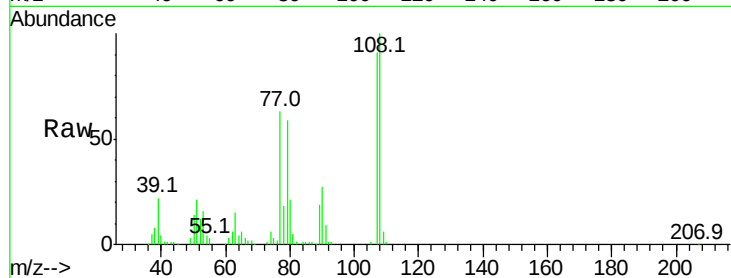
Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	215565
Ion	Ratio	Lower	Upper
107	100		
108	109.4	89.8	134.8
77	69.2	32.6	48.8#
79	64.8	32.8	49.2#

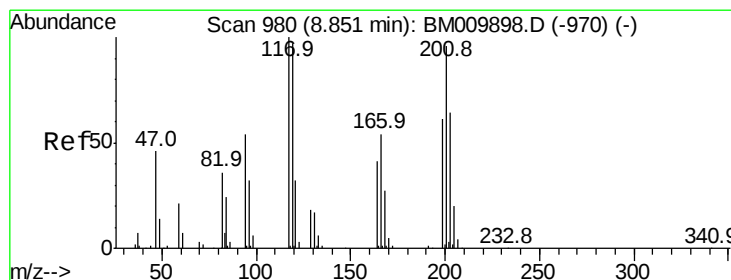
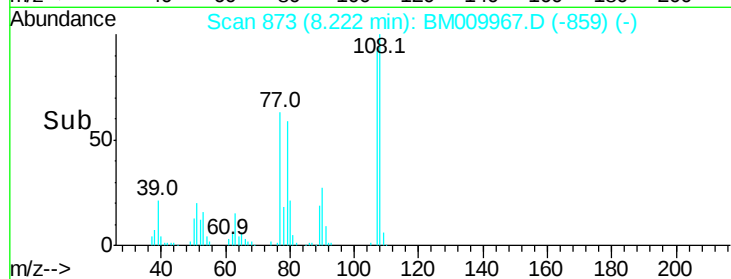
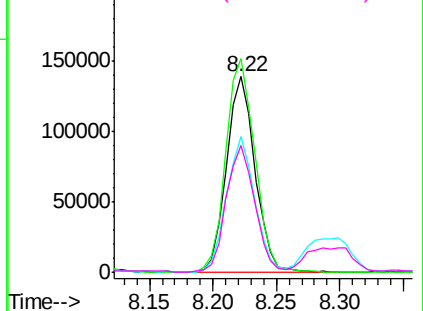


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 41.37 ng

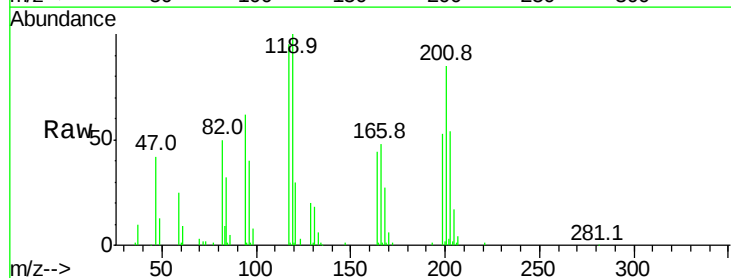
RT: 8.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

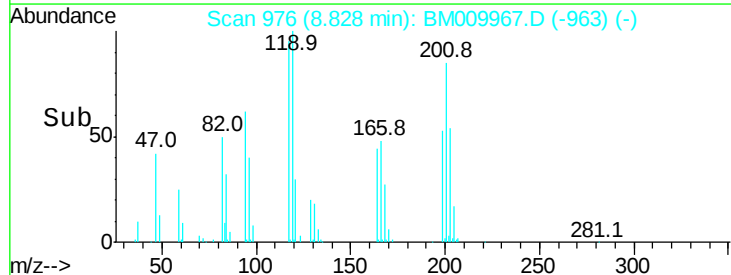
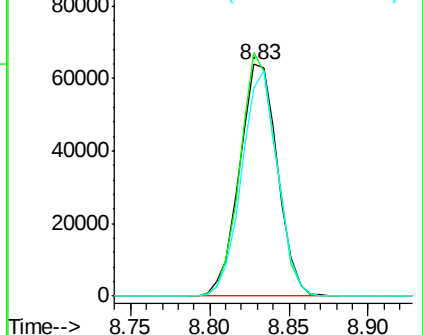
Tgt Ion:	117	Resp:	106801
Ion	Ratio	Lower	Upper
117	100		
119	105.0	79.2	118.8
201	89.4	69.8	104.6

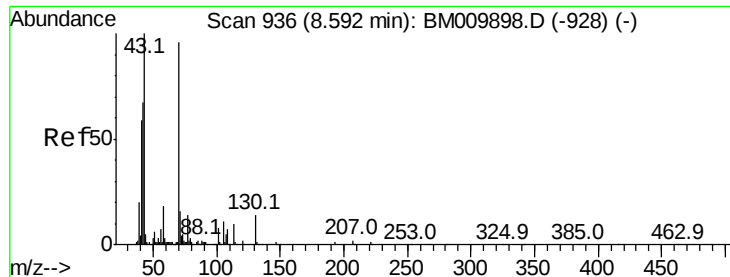


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

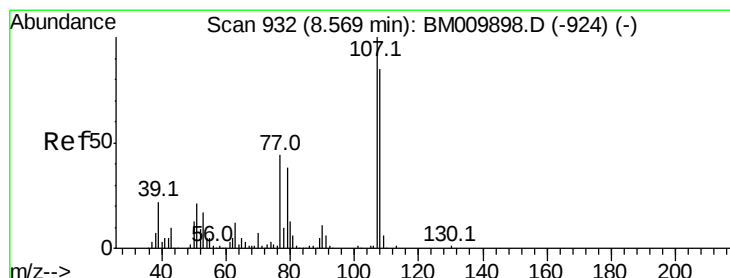
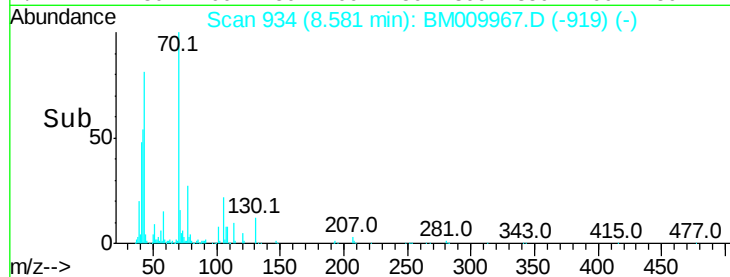
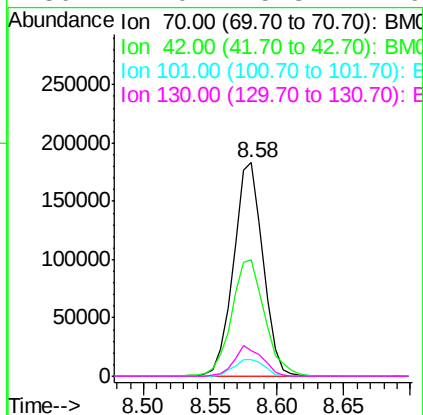
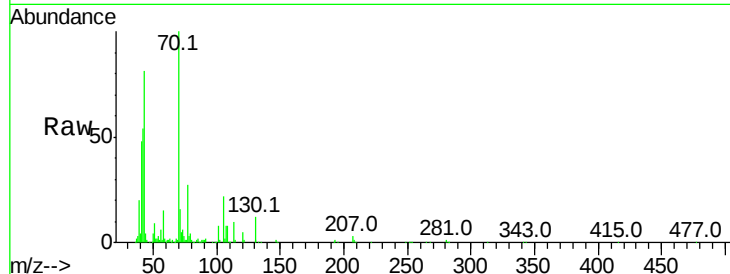




#19
 n-Nitroso-di-n-propylamine
 Concen: 42.17 ng
 RT: 8.58 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

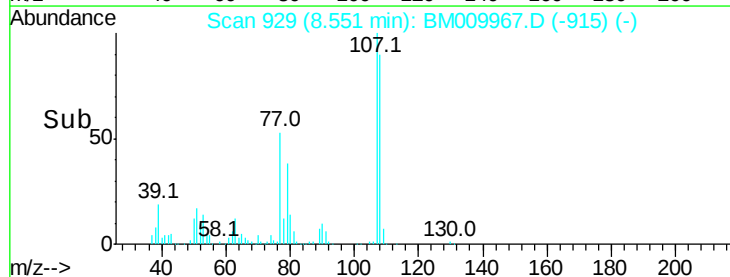
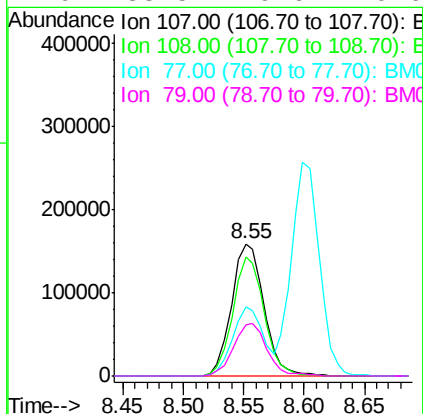
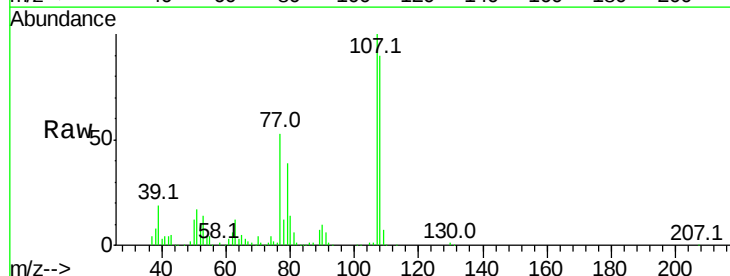
Instrument :
 BNA_M
 ClientSampleID :

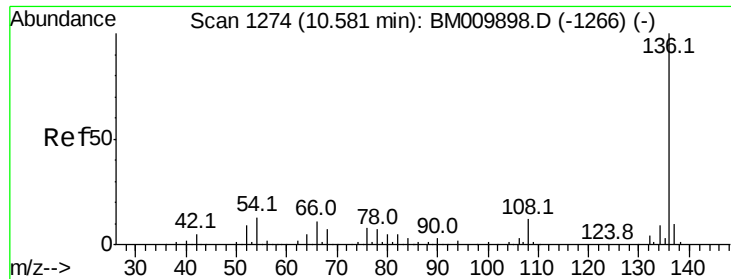
Tot Ion:	70	Resp:	280754
Ion	Ratio	Lower	Upper
70	100		
42	54.3	44.5	66.7
101	7.7	7.4	11.2
130	12.0	15.3	22.9#



#20
 3+4-Methylphenols
 Concen: 41.85 ng
 RT: 8.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion:	107	Resp:	297704
Ion	Ratio	Lower	Upper
107	100		
108	90.2	73.2	113.2
77	52.6	10.7	50.7#
79	38.5	9.6	49.6

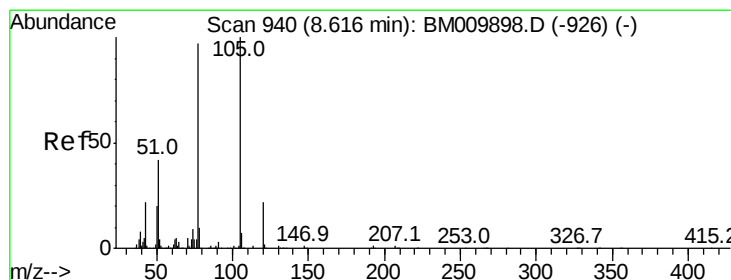
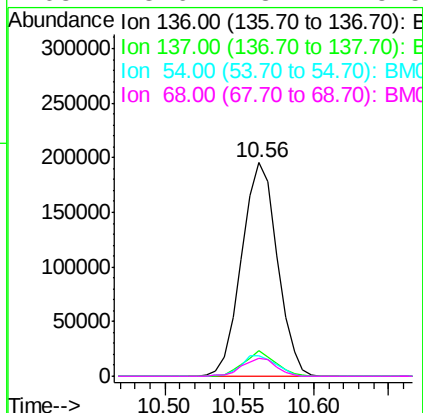
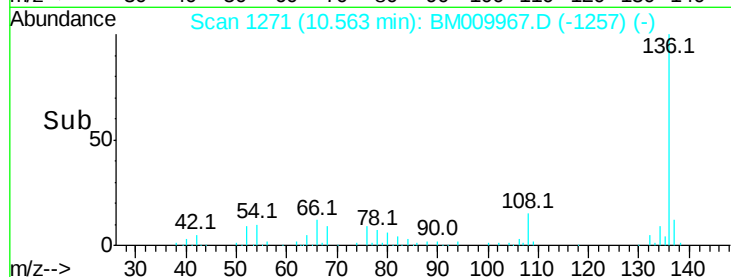
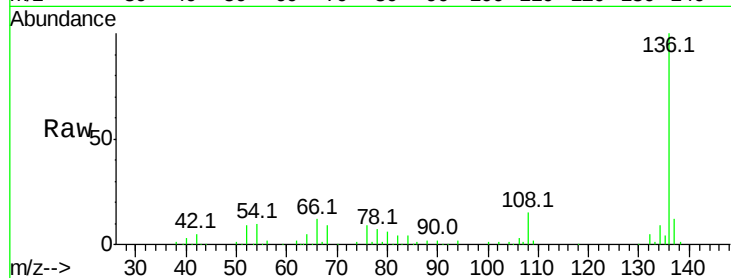




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

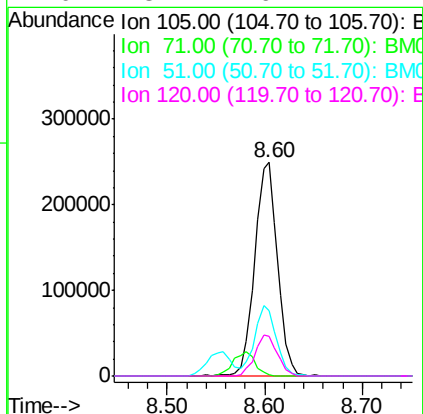
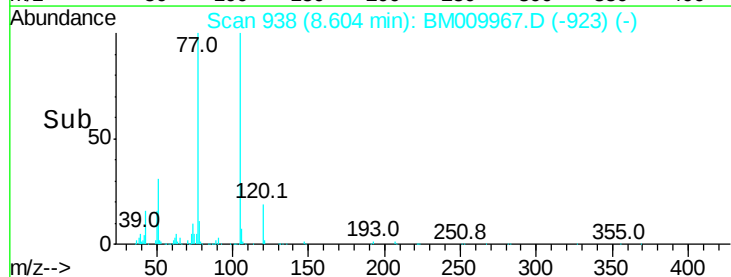
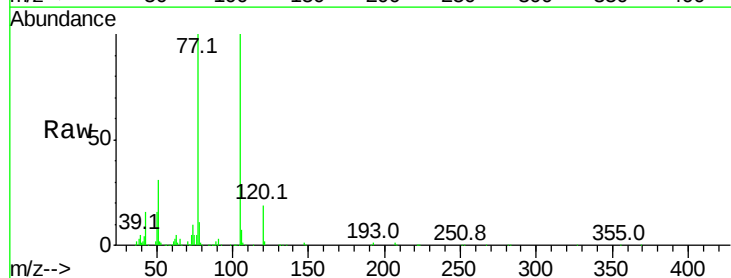
Instrument :
BNA_M
ClientSampleId :

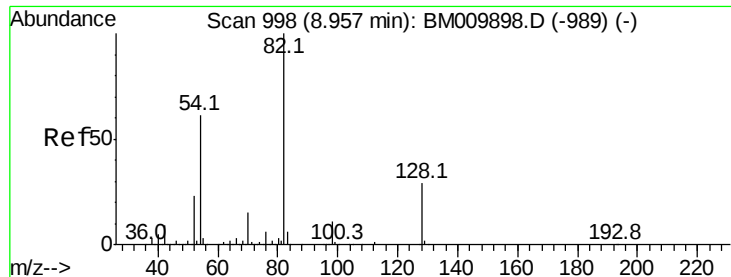
Tot Ion:	136	Resp:	323868
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	9.8	4.6	6.8#
68	8.6	3.7	5.5#



#22
Acetophenone
Concen: 40.65 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion:	105	Resp:	411911
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	30.8	21.6	32.4
120	18.7	16.1	24.1

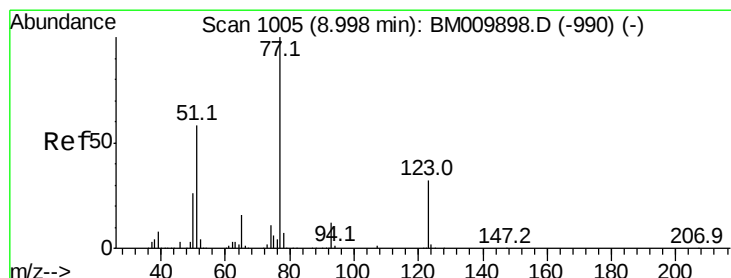
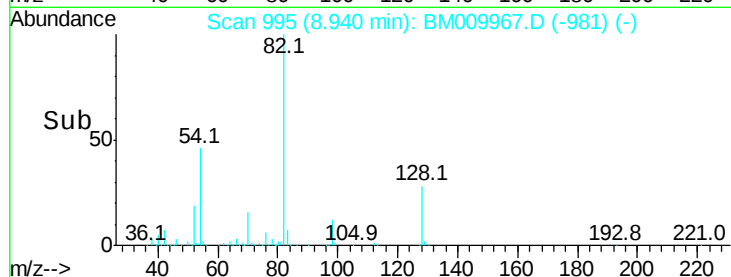
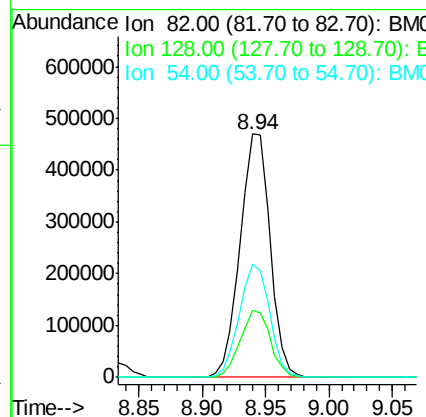
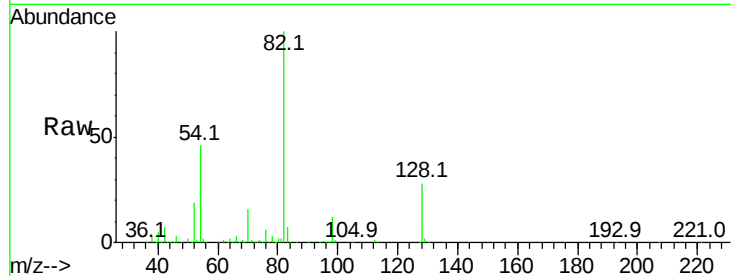




#23
 Nitrobenzene-d5
 Concen: 86.21 ng
 RT: 8.94 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

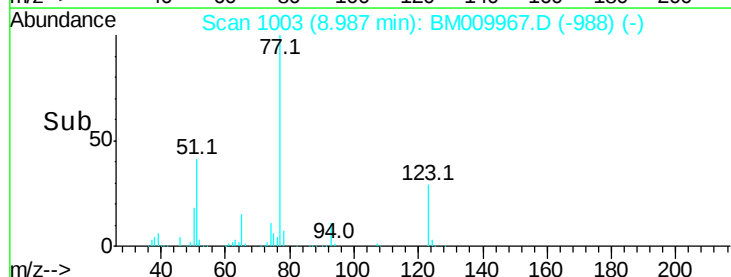
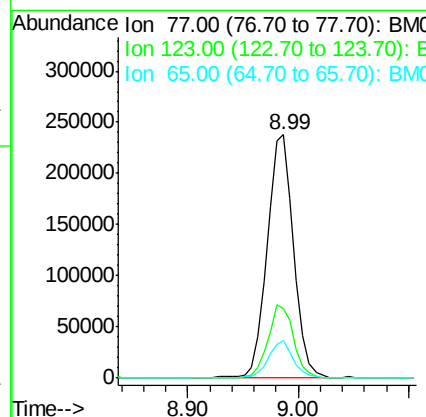
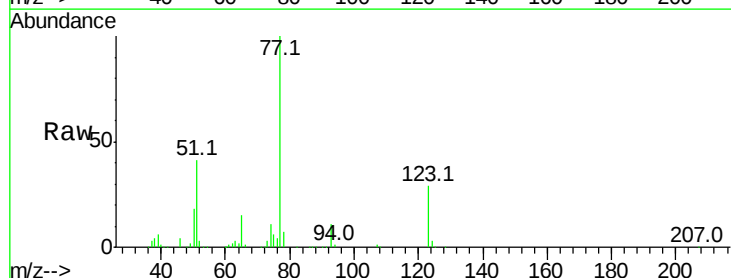
Instrument :
 BNA_M
 ClientSampleId :

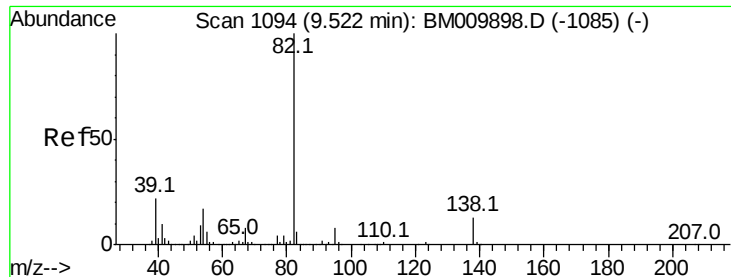
Tot Ion: 82 Resp: 771509
 Ion Ratio Lower Upper
 82 100
 128 27.7 32.8 49.2#
 54 46.2 40.6 60.8



#24
 Nitrobenzene
 Concen: 42.96 ng
 RT: 8.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion: 77 Resp: 399073
 Ion Ratio Lower Upper
 77 100
 123 28.5 32.6 49.0#
 65 15.3 10.9 16.3





#25

Isophorone

Concen: 40.03 ng

RT: 9.50 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

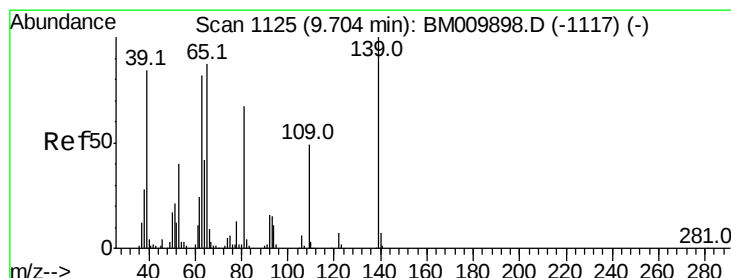
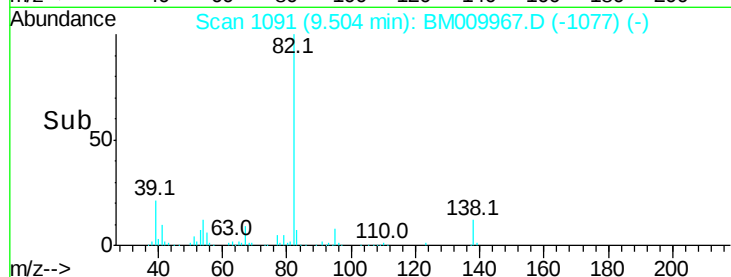
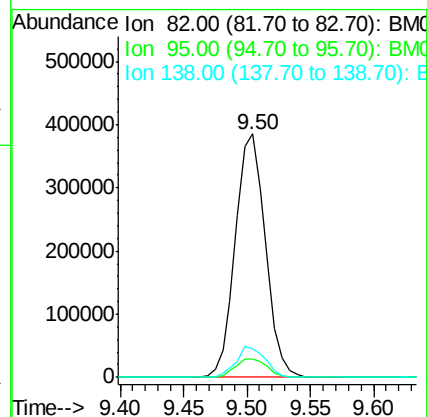
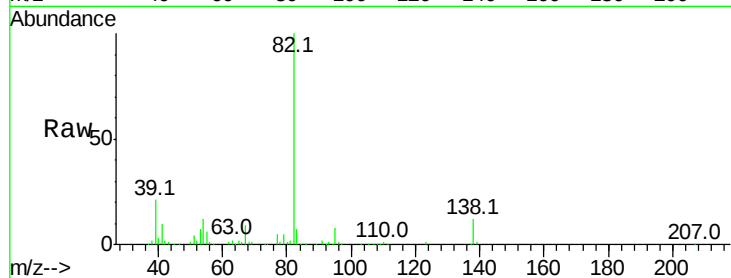
Tot Ion: 82 Resp: 631987

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.6

138 11.9 16.3 24.5#



#26

2-Nitrophenol

Concen: 39.23 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

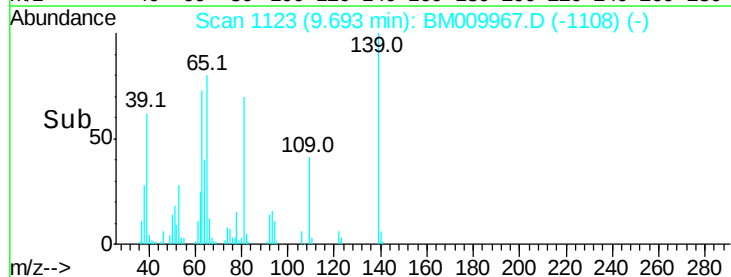
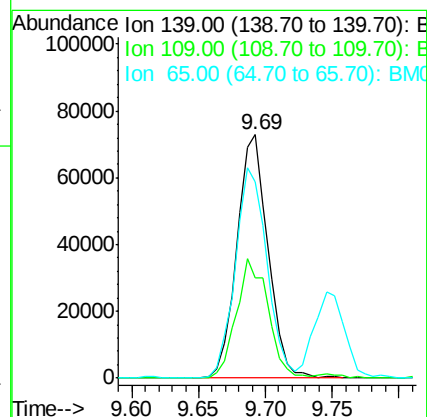
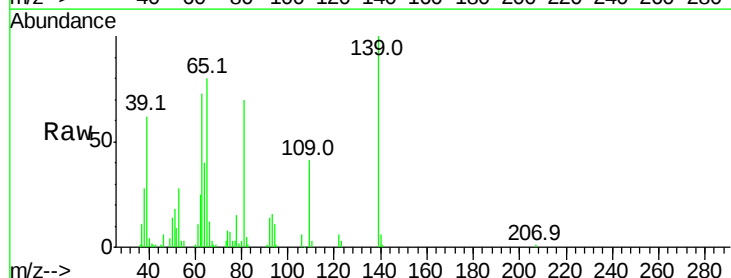
Tgt Ion: 139 Resp: 117878

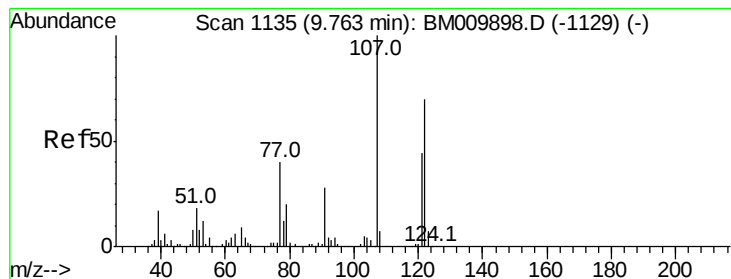
Ion Ratio Lower Upper

139 100

109 41.4 20.1 30.1#

65 80.4 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 39.52 ng

RT: 9.75 min Scan# 1132

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampled :

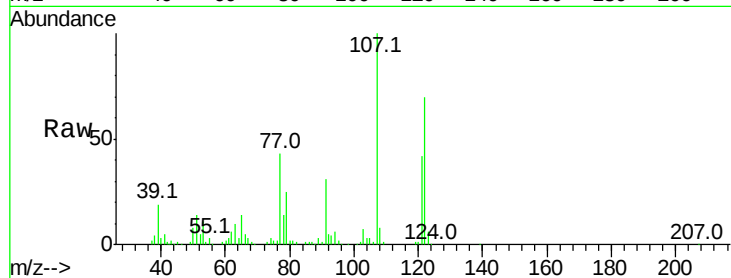
Tot Ion:122 Resp: 213670

Ion Ratio Lower Upper

122 100

107 143.4 84.7 127.1#

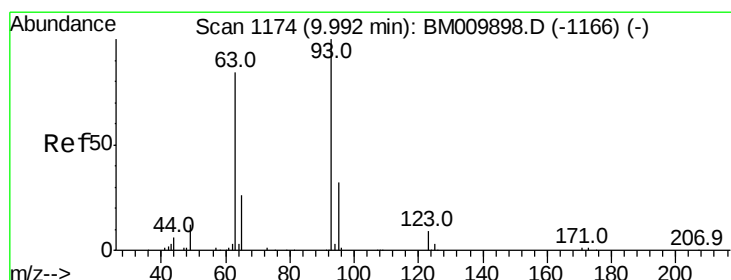
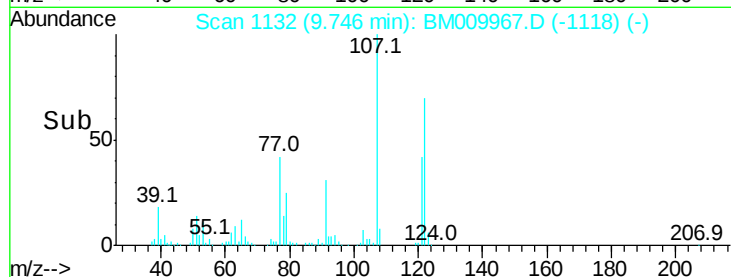
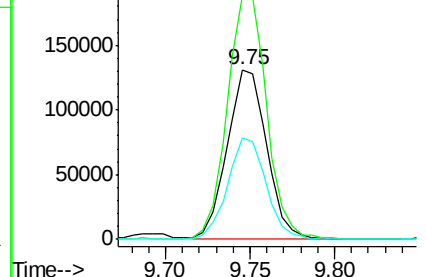
121 59.6 46.6 69.8



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: 39.68 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

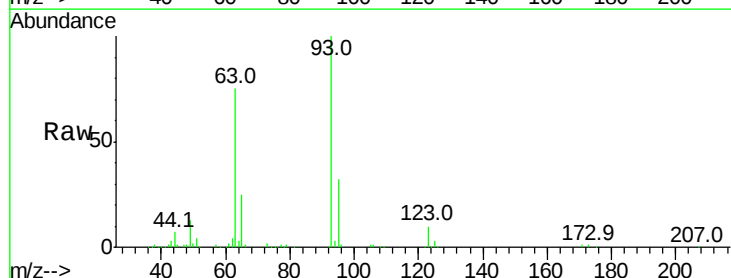
Tgt Ion: 93 Resp: 364520

Ion Ratio Lower Upper

93 100

95 31.8 25.5 38.3

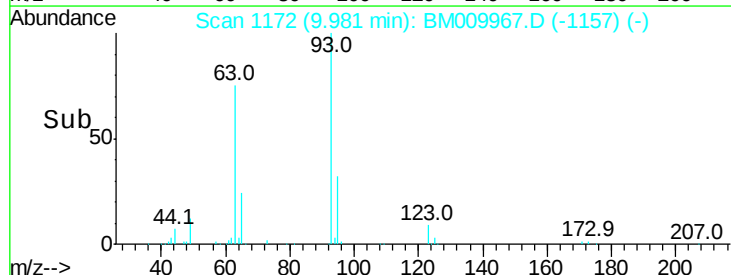
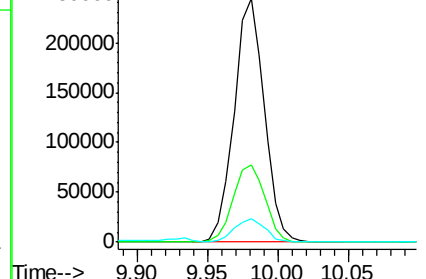
123 9.6 8.6 13.0

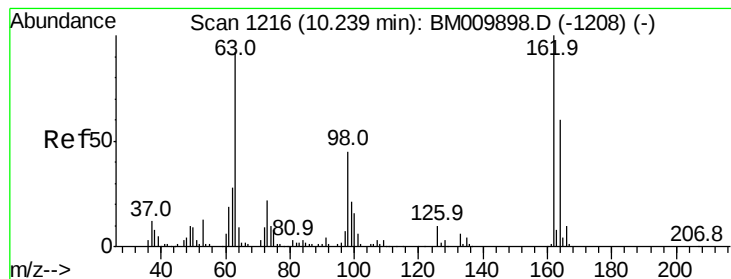


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.97 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

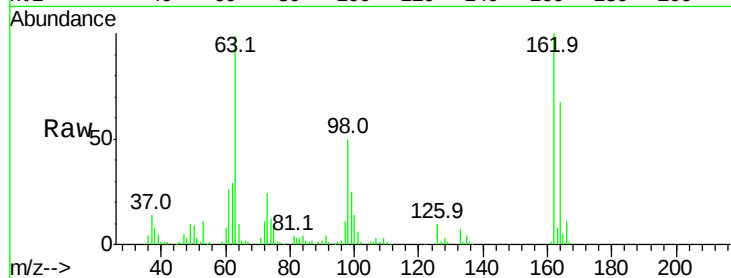
Tot Ion:162 Resp: 207200

Ion Ratio Lower Upper

162 100

164 66.6 42.8 82.8

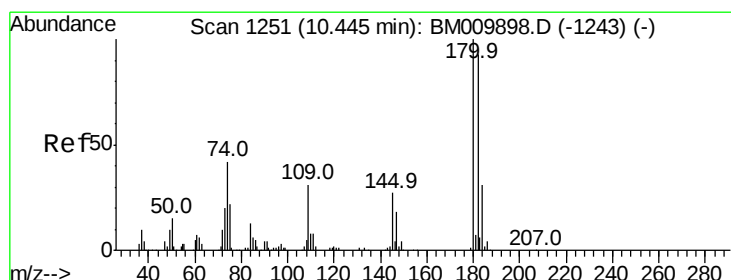
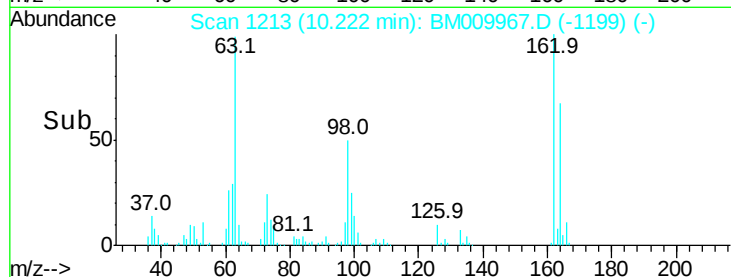
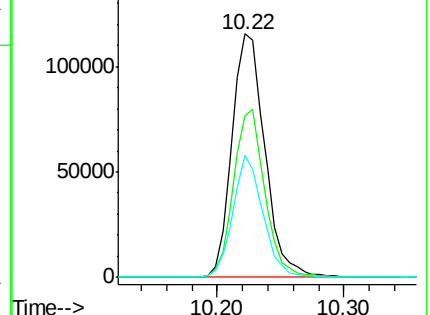
98 50.3 14.5 54.5



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: 39.46 ng

RT: 10.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

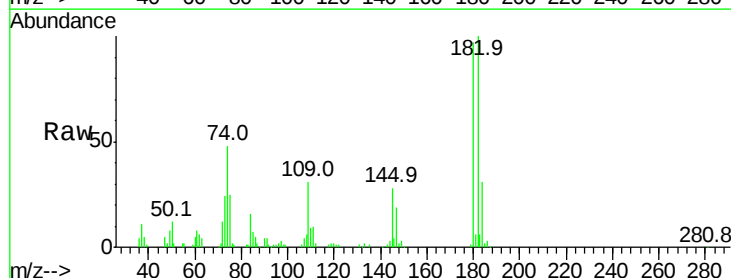
Tgt Ion:180 Resp: 239058

Ion Ratio Lower Upper

180 100

182 102.8 77.6 116.4

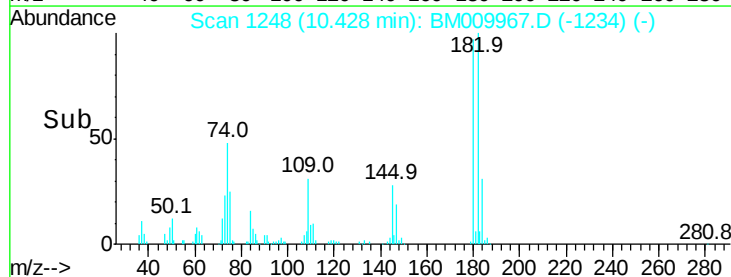
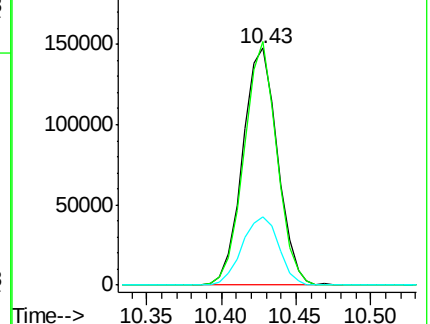
145 28.8 23.4 35.2

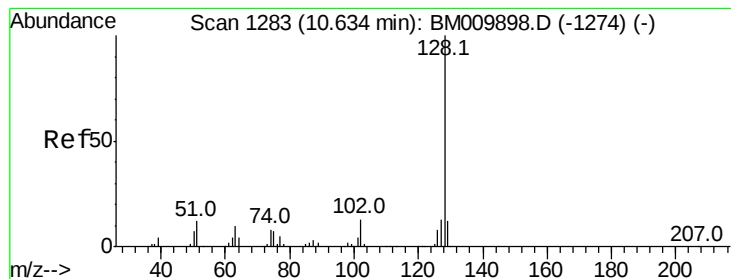


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

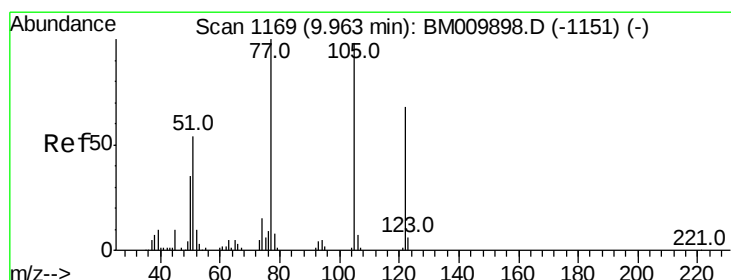
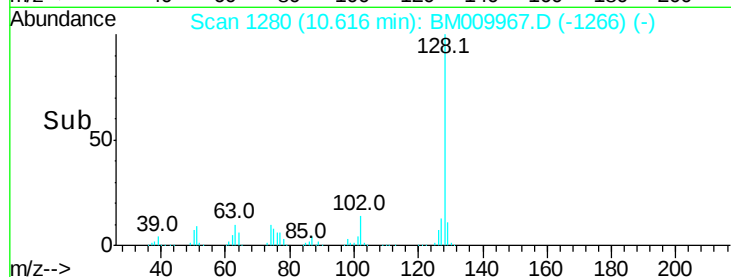
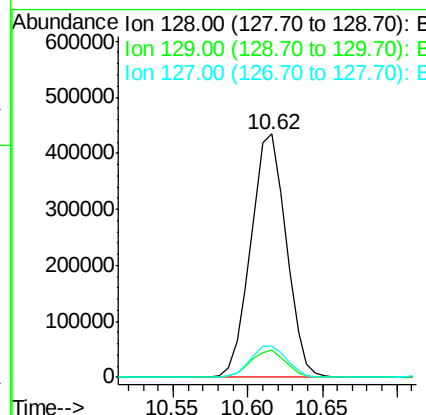
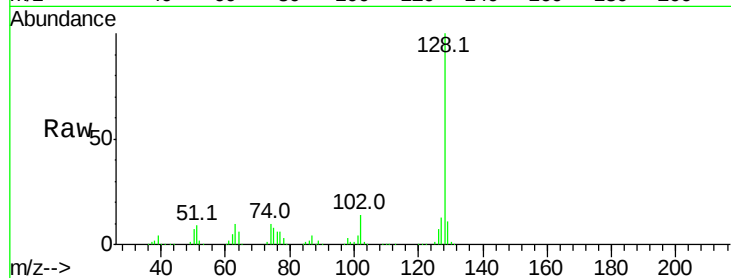




#31
Naphthalene
Concen: 39.91 ng
RT: 10.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

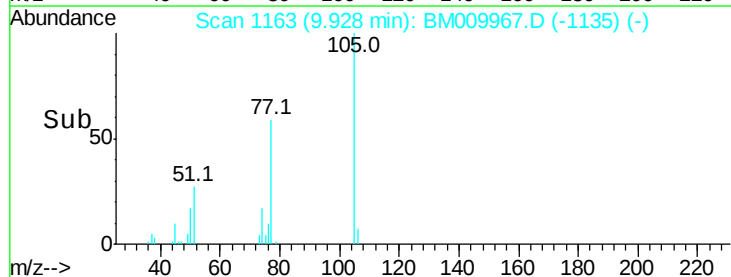
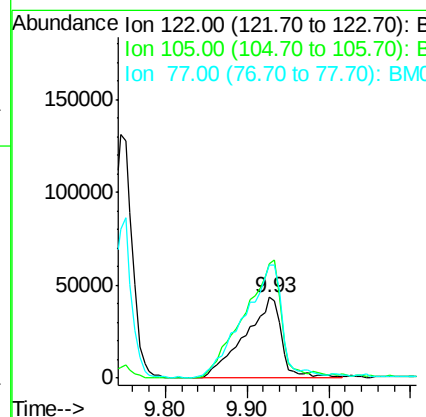
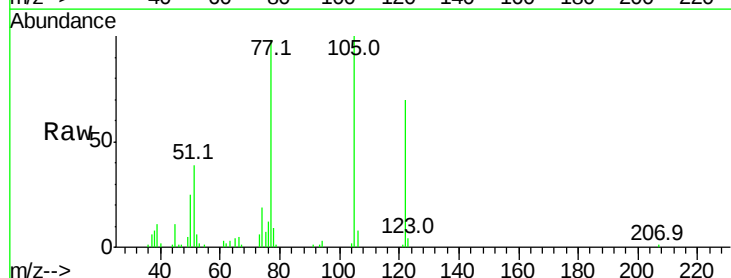
Instrument :
BNA_M
ClientSampleId :

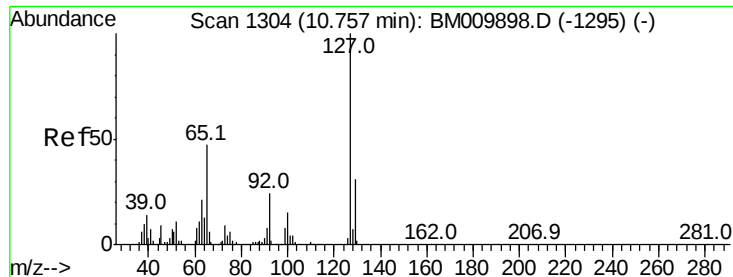
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.7	10.4	15.6



#32
Benzoic acid
Concen: 38.85 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.2	99.9	139.9#
77	139.5	73.7	113.7#

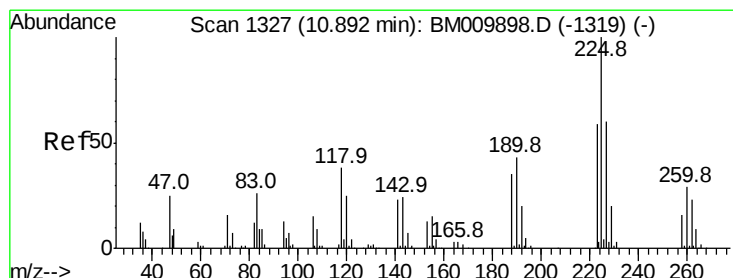
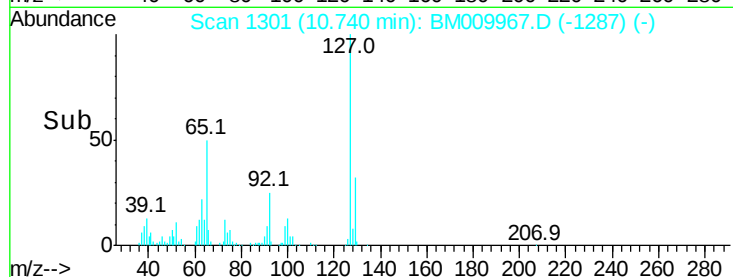
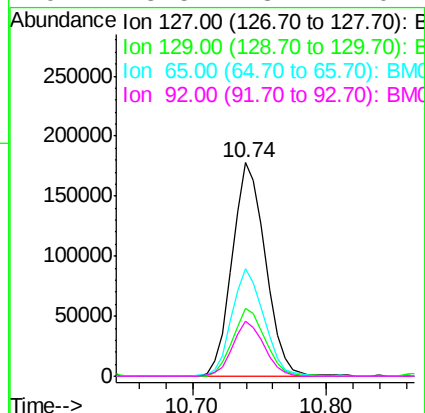
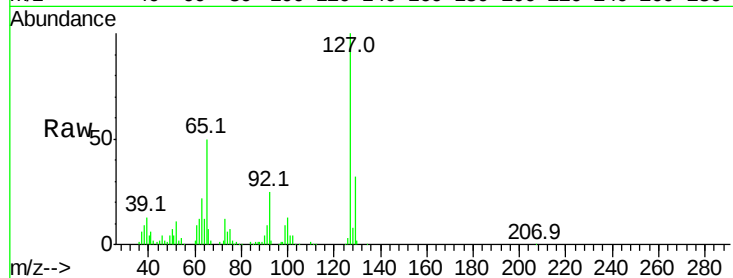




#33
4-Chloroaniline
Concen: 41.10 ng
RT: 10.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

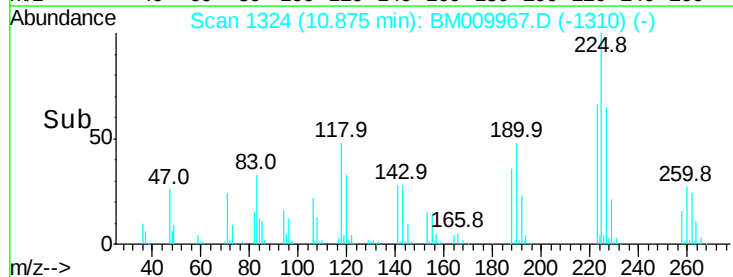
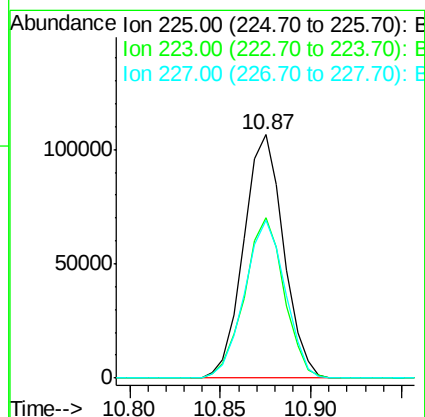
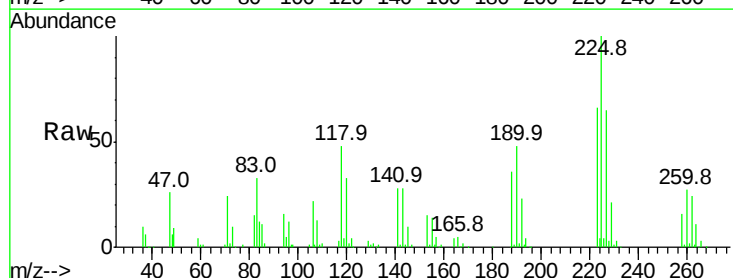
Instrument :
BNA_M
ClientSampleId :

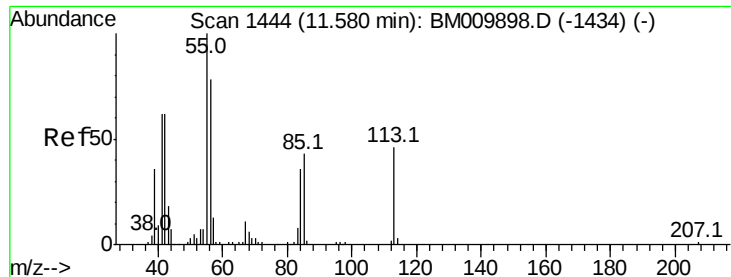
Tot Ion:	127	Resp:	308699
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.3	37.9
65	50.2	17.6	26.4
92	25.5	13.1	19.7



#34
Hexachlorobutadiene
Concen: 38.73 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion:	225	Resp:	163277
Ion	Ratio	Lower	Upper
225	100		
223	65.8	47.9	71.9
227	65.1	50.1	75.1





#35

Caprolactam

Concen: 40.43 ng

RT: 11.56 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

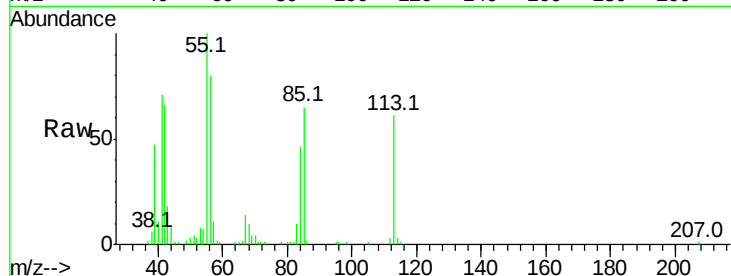
Tot Ion:113 Resp: 79926

Ion Ratio Lower Upper

113 100

55 164.9 145.9 185.9

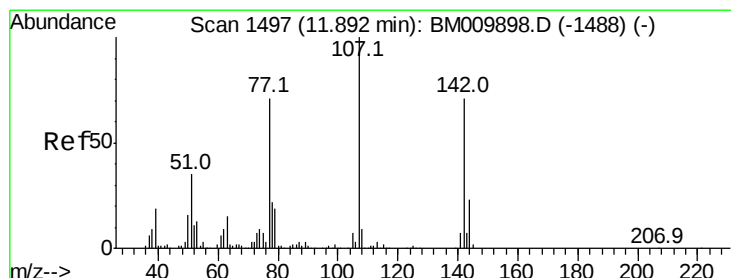
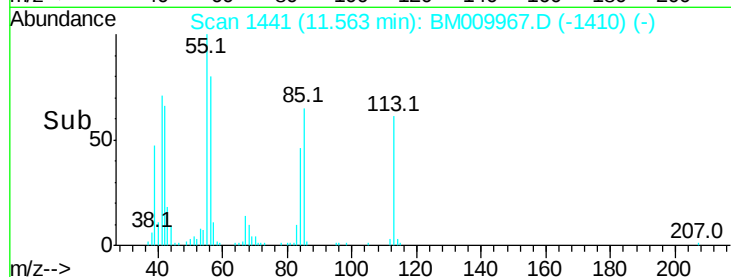
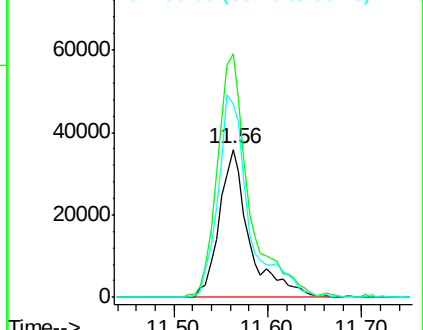
56 131.2 101.0 141.0



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: 41.16 ng

RT: 11.87 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

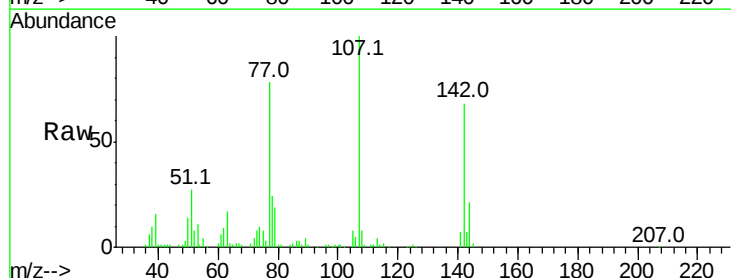
Tgt Ion:107 Resp: 289723

Ion Ratio Lower Upper

107 100

144 20.7 23.3 34.9#

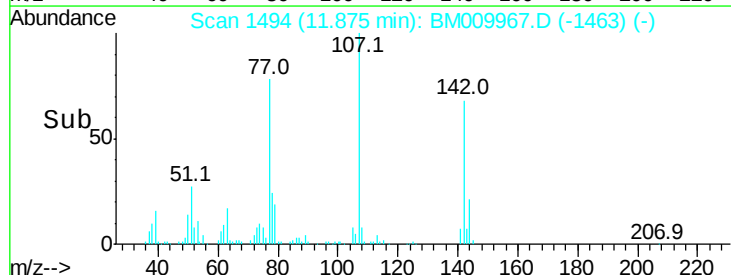
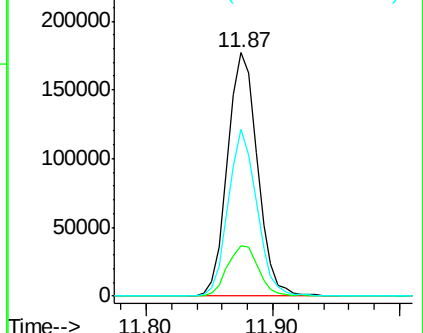
142 68.3 72.6 109.0#

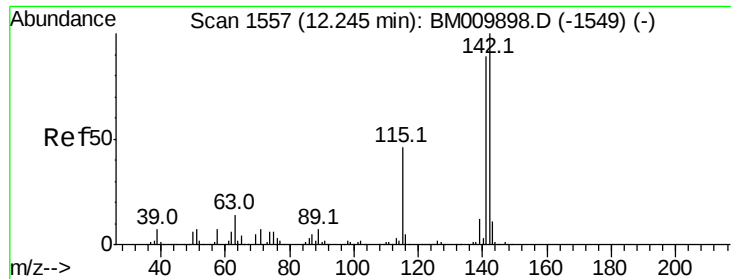


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

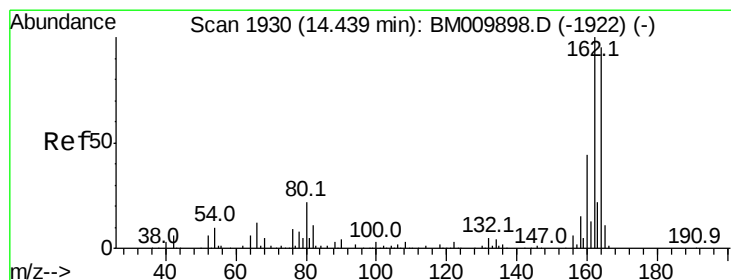
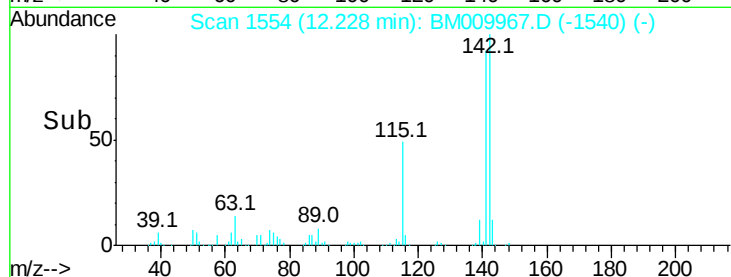
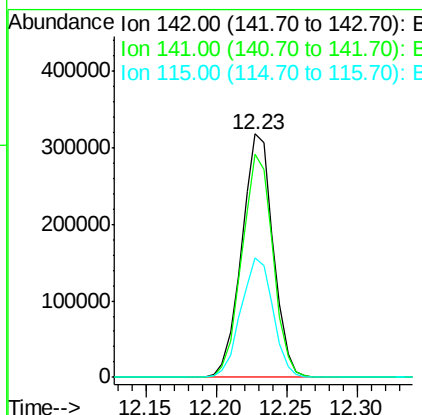
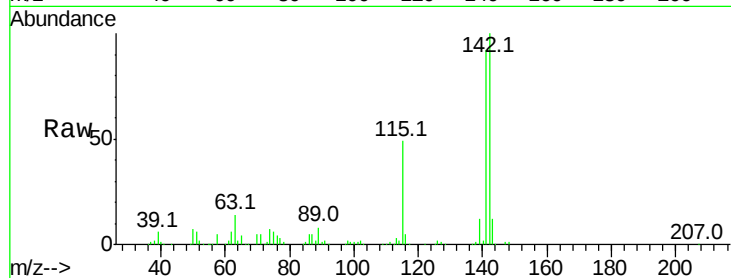




#37
 2-Methylnaphthalene
 Concen: 39.39 ng
 RT: 12.23 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

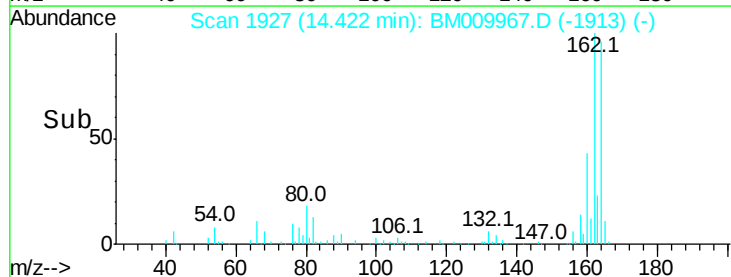
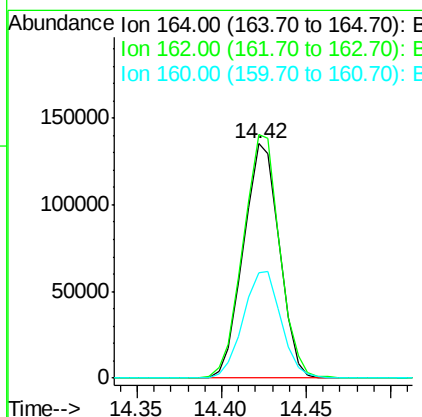
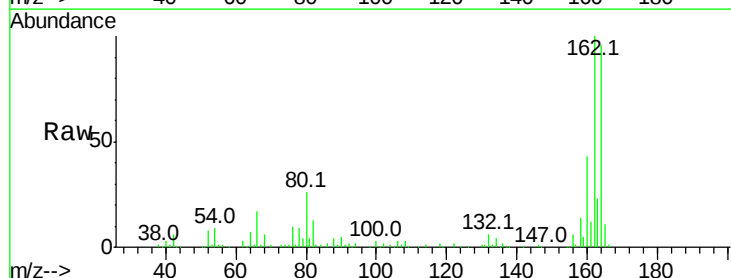
Instrument :
 BNA_M
 ClientSampleId :

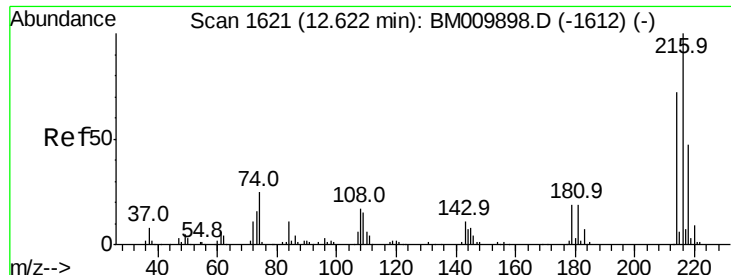
Tot Ion:142 Resp: 495446
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.9 107.9
 115 49.2 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion:164 Resp: 200613
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.4 123.6
 160 44.9 35.8 53.6

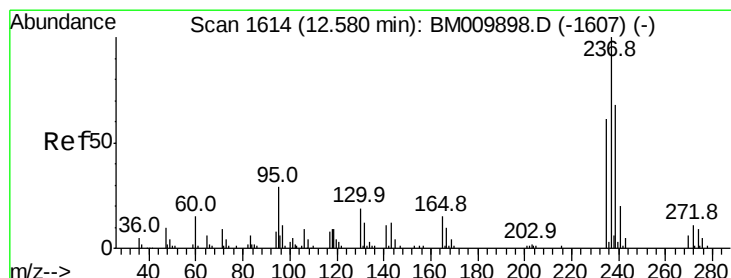
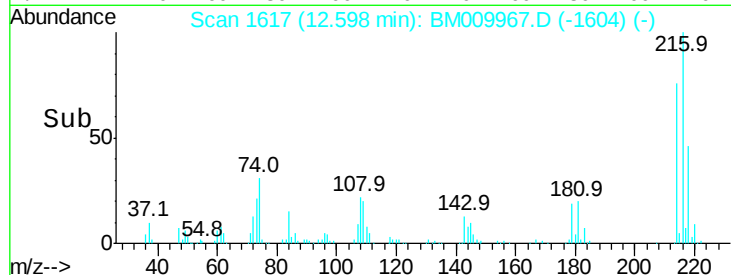
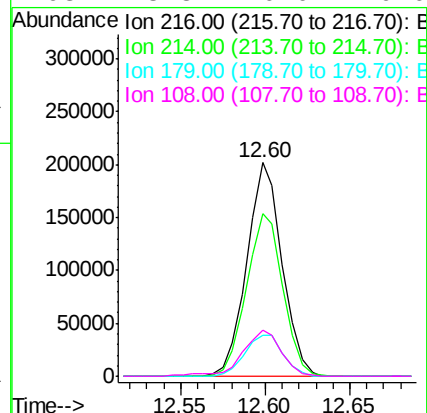
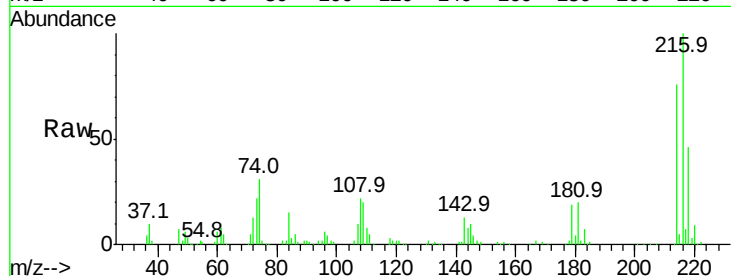




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.47 ng
 RT: 12.60 min Scan# 1617
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

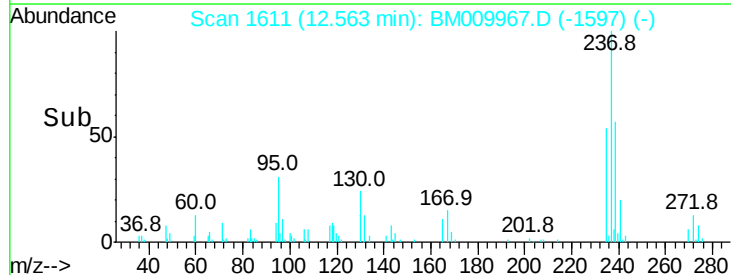
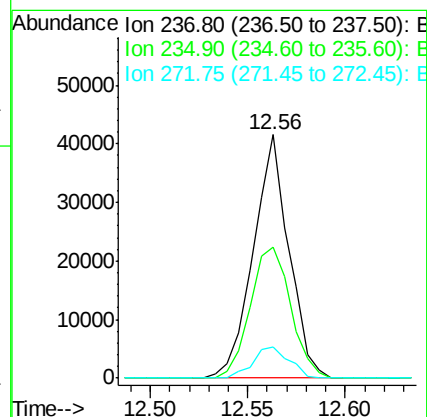
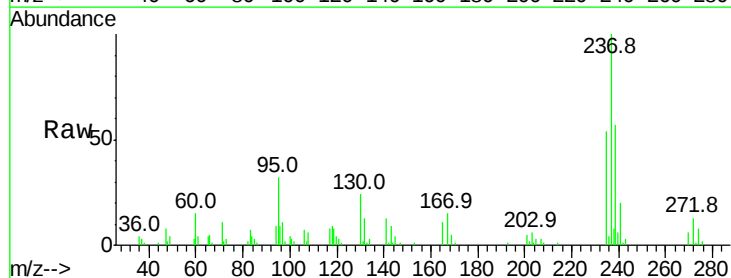
Instrument :
 BNA_M
 ClientSampleId :

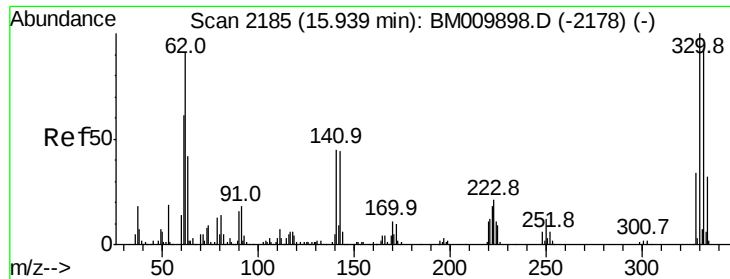
Tot Ion:	216	Resp:	292042
Ion	Ratio	Lower	Upper
216	100		
214	78.6	0.0	0.0#
179	21.1	0.0	0.0#
108	23.8	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 36.92 ng
 RT: 12.56 min Scan# 1611
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion:	237	Resp:	52428
Ion	Ratio	Lower	Upper
237	100		
235	53.7	42.0	82.0
272	12.7	0.0	33.4

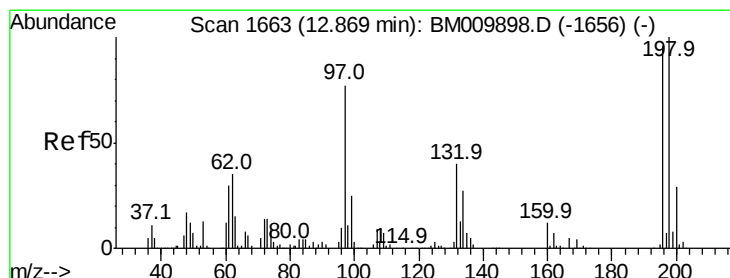
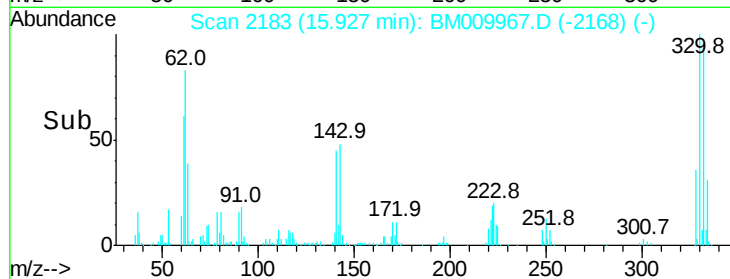
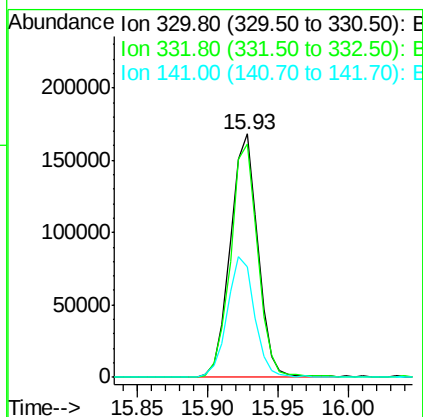
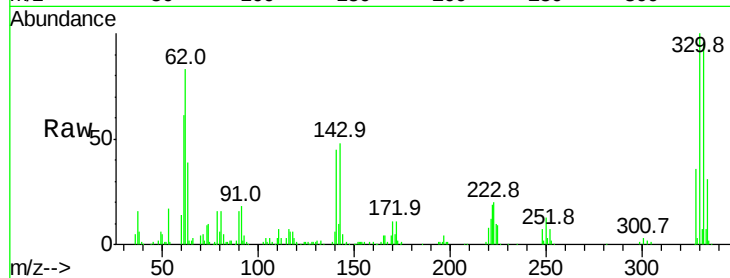




#41
 2,4,6-Tribromophenol
 Concen: 83.71 ng
 RT: 15.93 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

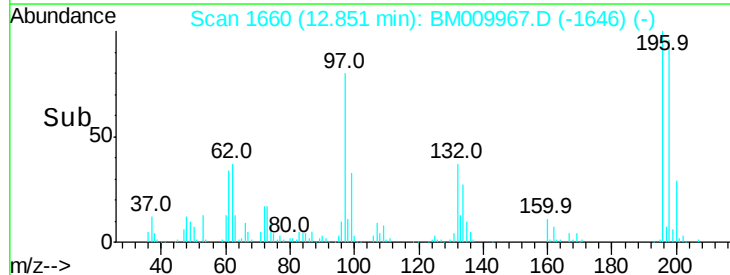
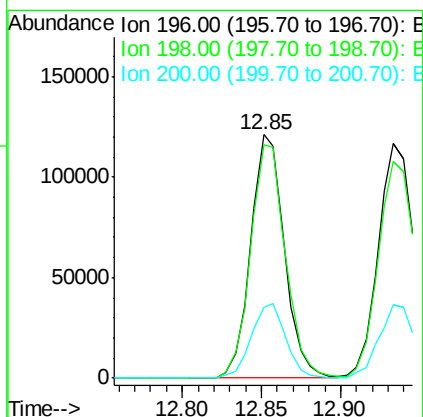
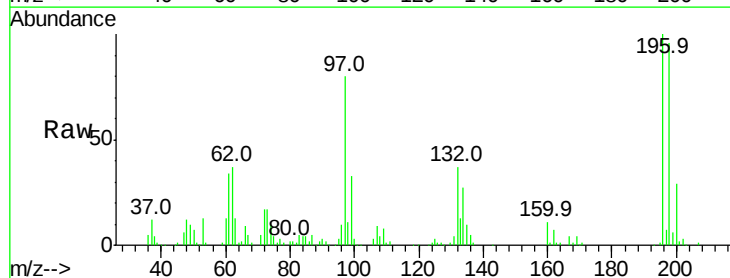
Instrument :
 BNA_M
 ClientSampleId :

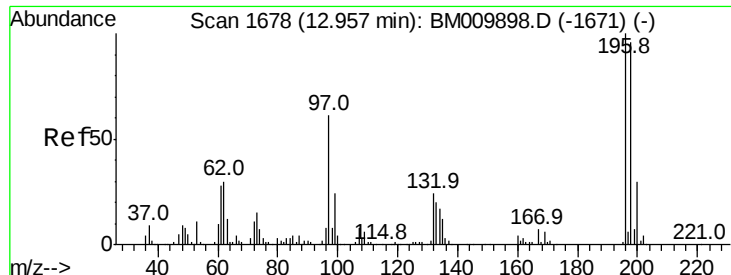
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	49.2	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 38.58 ng
 RT: 12.85 min Scan# 1660
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.3	114.5
200	29.2	25.6	38.4

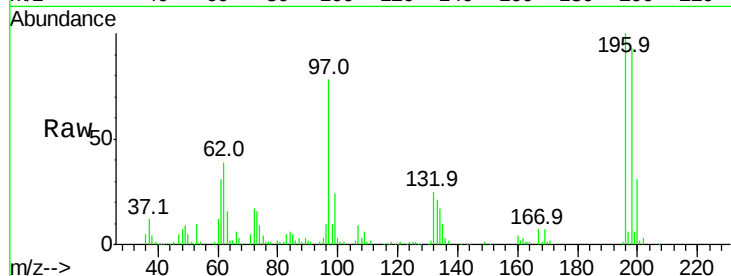




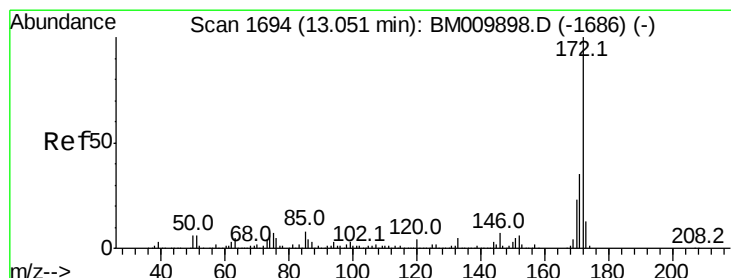
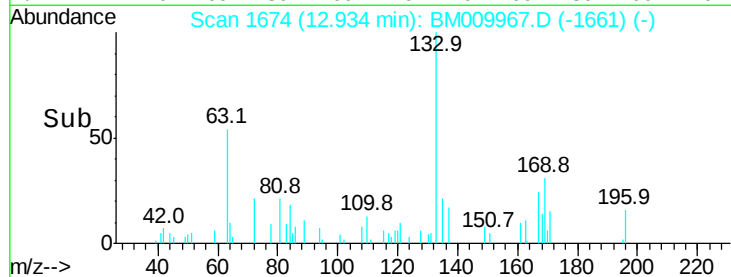
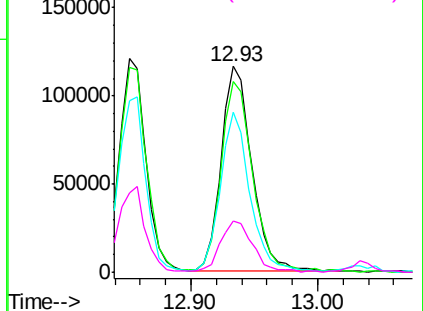
#43
2,4,5-Trichlorophenol
Concen: 38.69 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:196 Resp: 194142
Ion Ratio Lower Upper
196 100
198 92.5 79.4 119.0
97 77.9 26.8 40.2#
132 24.7 18.6 28.0

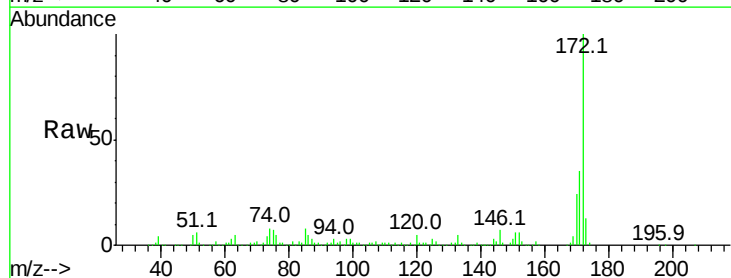


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BMO
Ion 132.00 (131.70 to 132.70): E

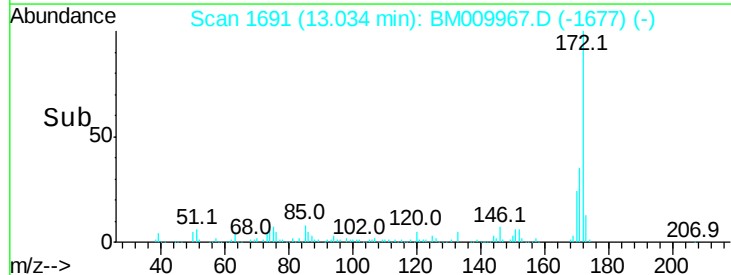
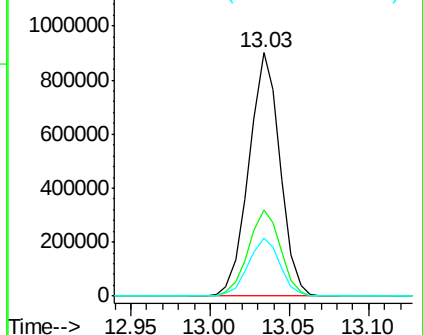


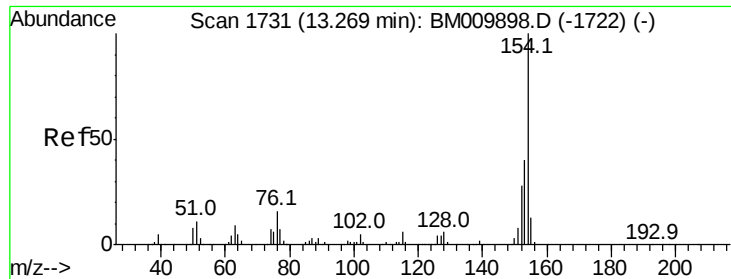
#44
2-Fluorobiphenyl
Concen: 79.99 ng
RT: 13.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion:172 Resp: 1231571
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.7 18.8 28.2



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

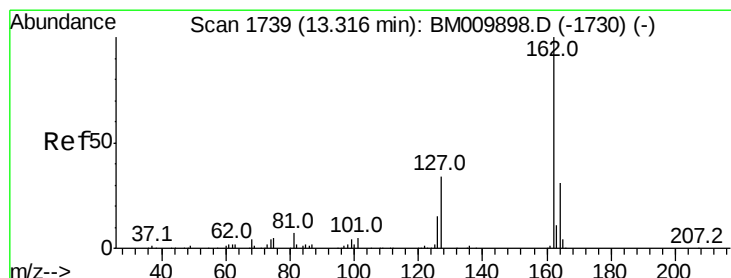
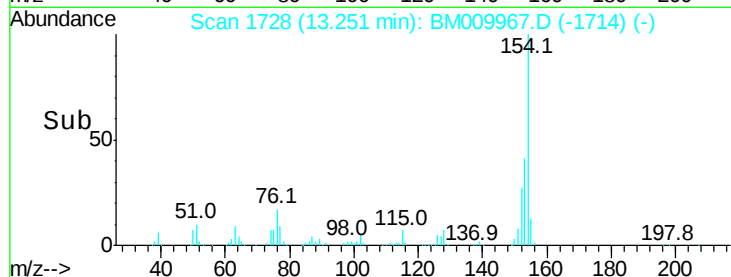
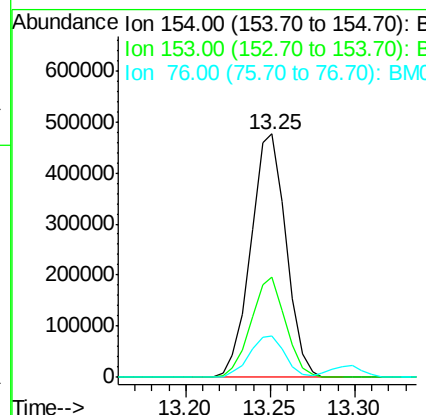
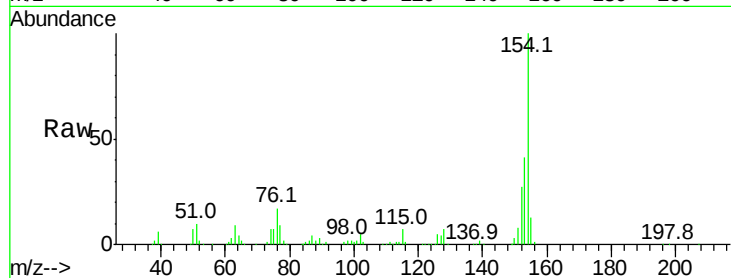




#45
 1,1'-Biphenyl
 Concen: 40.38 ng
 RT: 13.25 min Scan# 1728
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

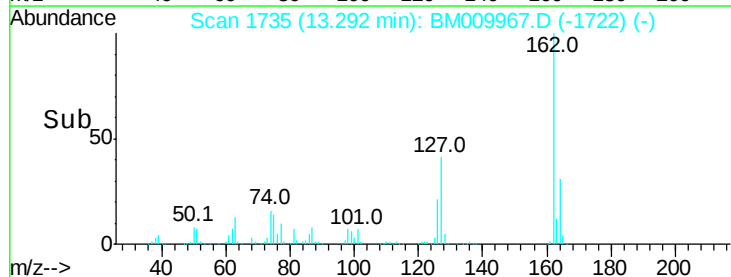
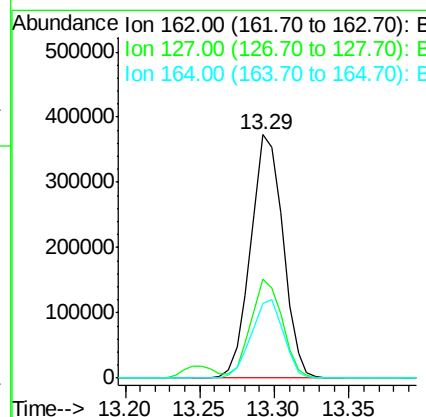
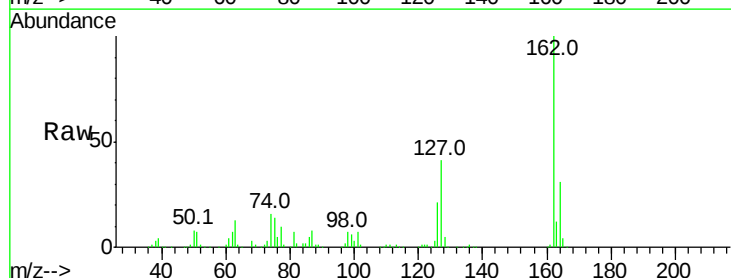
Instrument :
 BNA_M
 ClientSampleId :

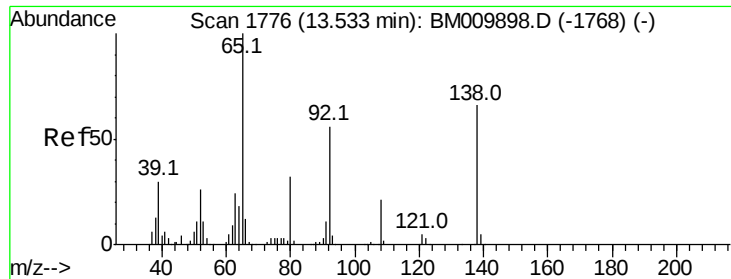
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.7	60.7
76	17.1	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 41.27 ng
 RT: 13.29 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	26.9	40.3#
164	30.8	26.8	40.2





#47

2-Nitroaniline

Concen: 41.57 ng

RT: 13.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampled :

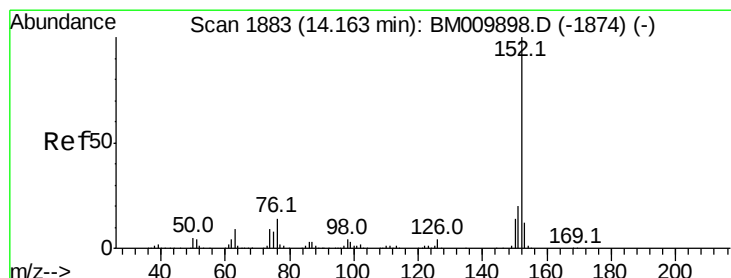
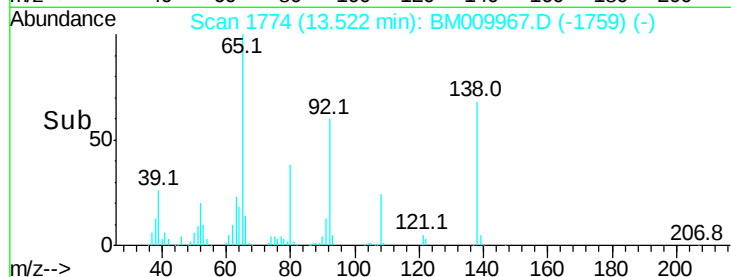
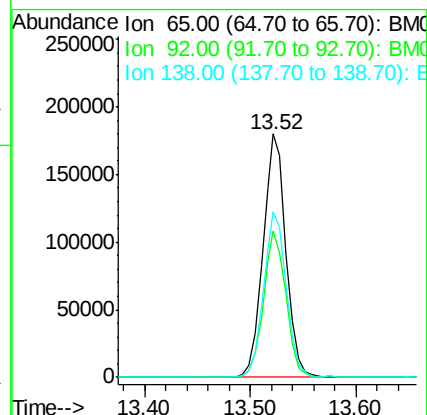
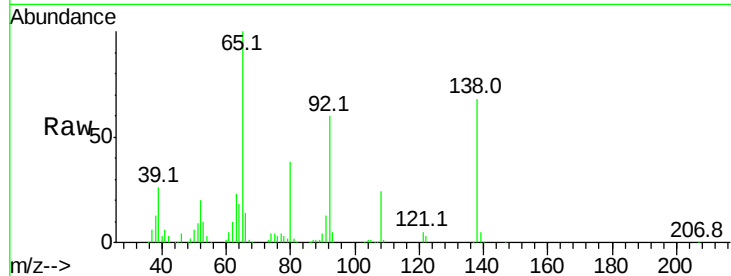
Tot Ion: 65 Resp: 271014

Ion Ratio Lower Upper

65 100

92 60.4 59.1 88.7

138 67.9 93.9 140.9#



#48

Acenaphthylene

Concen: 40.59 ng

RT: 14.15 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

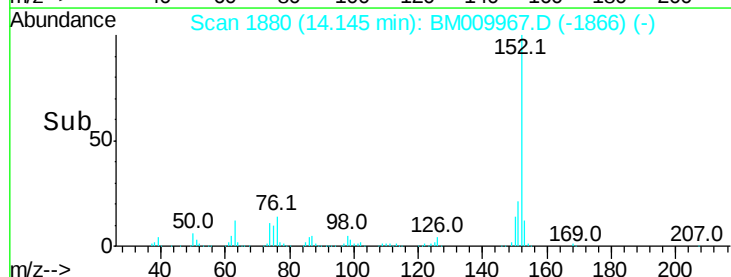
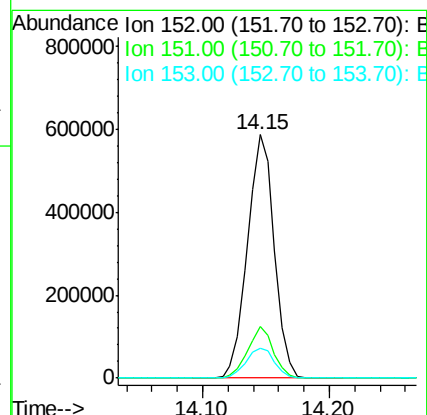
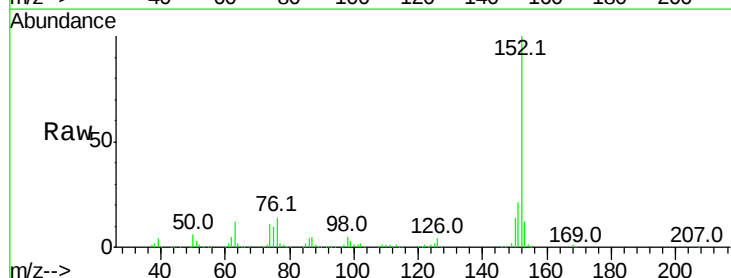
Tgt Ion: 152 Resp: 860057

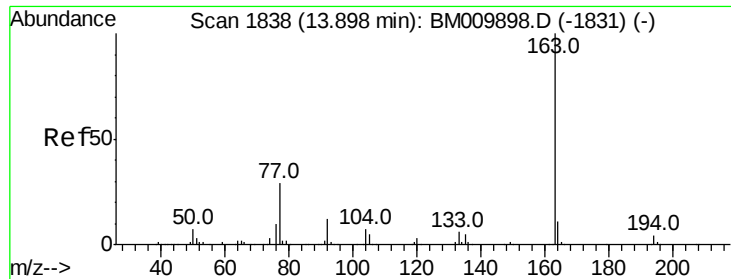
Ion Ratio Lower Upper

152 100

151 21.1 15.9 23.9

153 12.3 10.6 16.0





#49

Dimethylphthalate

Concen: 39.65 ng

RT: 13.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

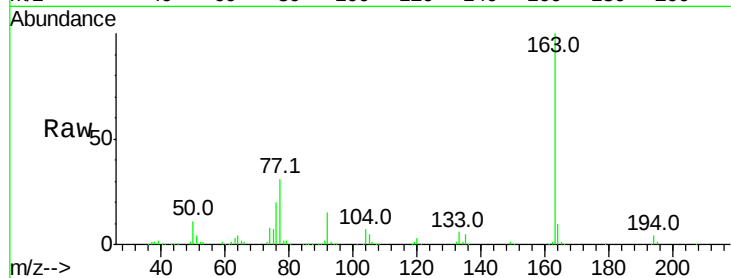
Tot Ion:163 Resp: 757879

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

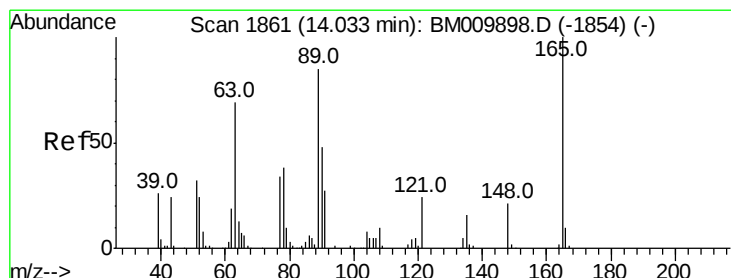
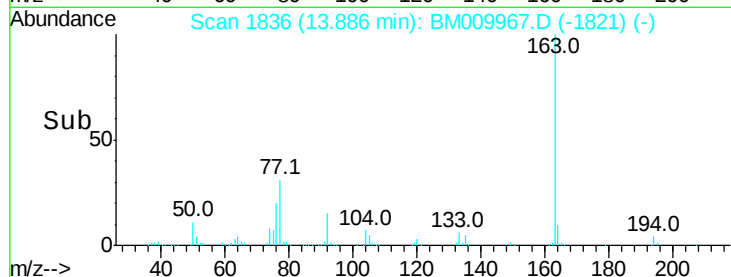
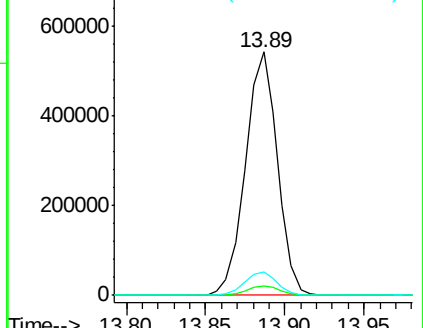
164 9.7 8.2 12.2



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: 40.82 ng

RT: 14.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

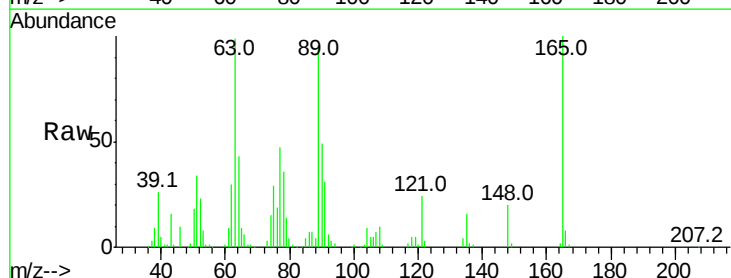
Tgt Ion:165 Resp: 152138

Ion Ratio Lower Upper

165 100

63 99.3 44.1 66.1#

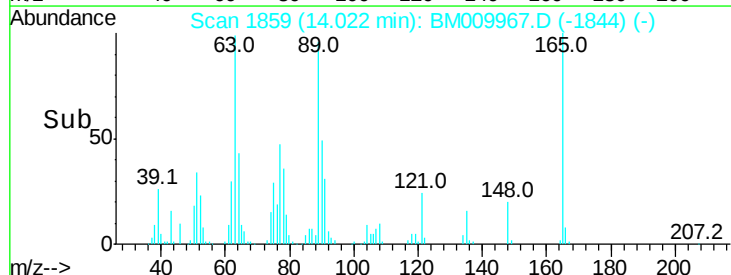
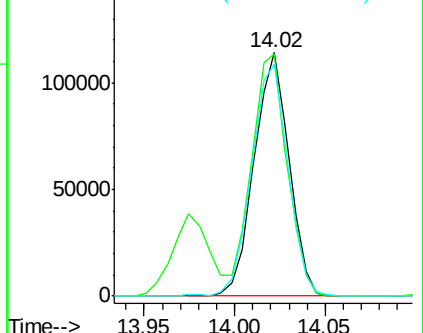
89 95.5 44.3 66.5#

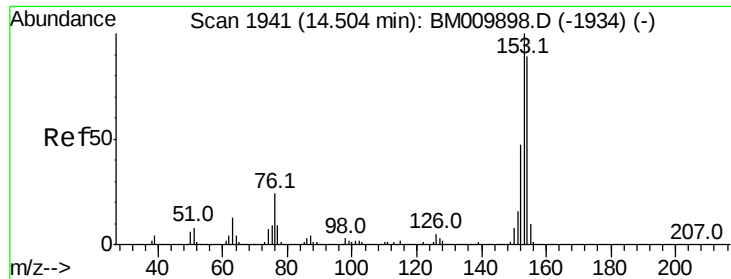


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 39.98 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

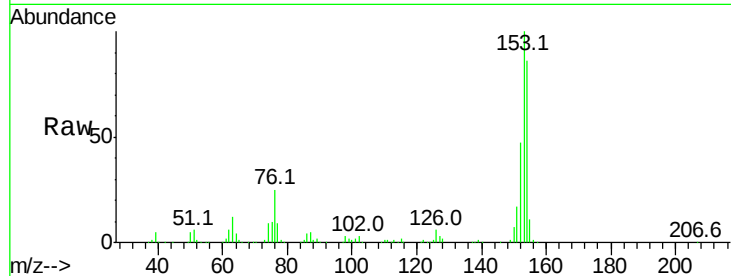
Tot Ion:154 Resp: 522731

Ion Ratio Lower Upper

154 100

153 116.2 90.0 135.0

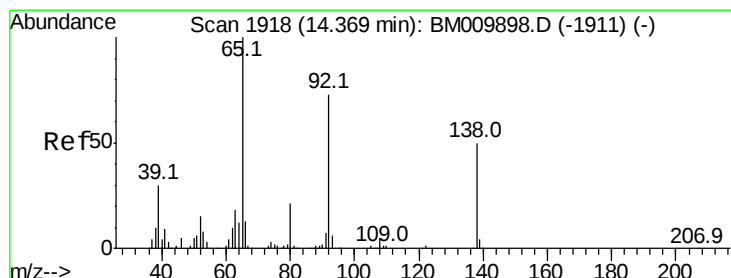
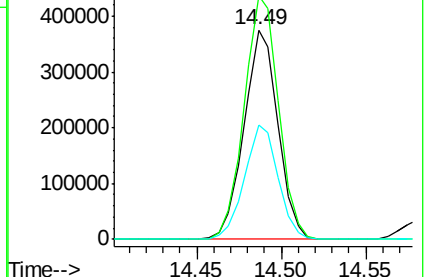
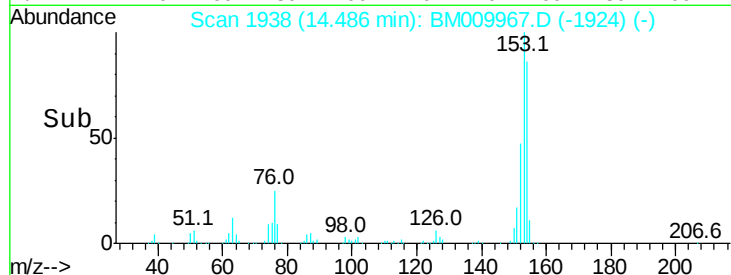
152 54.4 42.6 63.8



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: 41.16 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

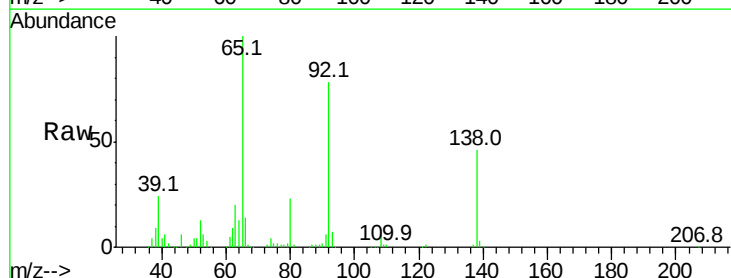
Tgt Ion:138 Resp: 165980

Ion Ratio Lower Upper

138 100

108 13.7 7.3 10.9#

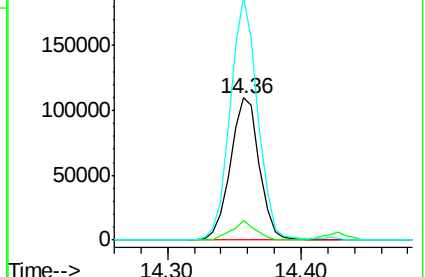
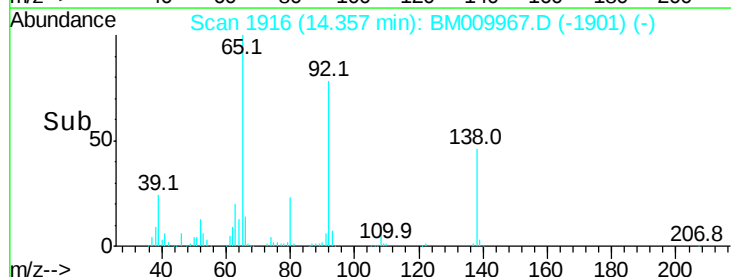
92 171.4 76.6 114.8#

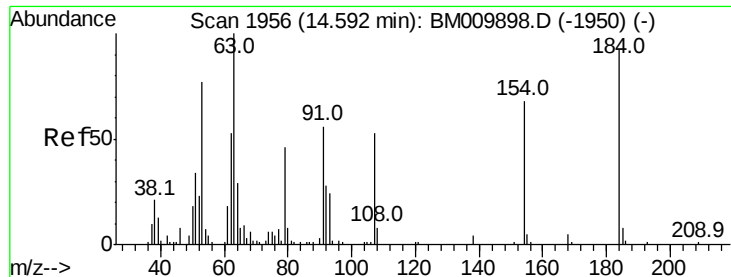


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

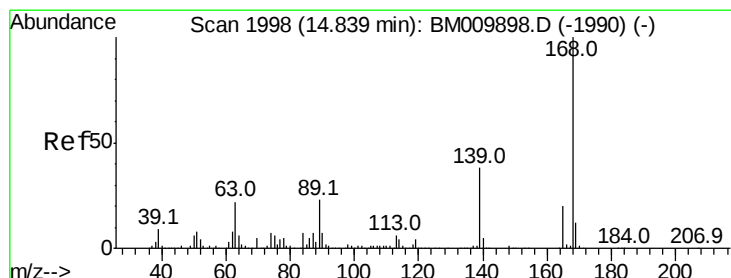
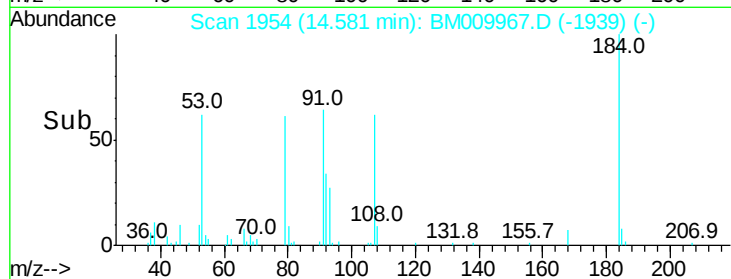
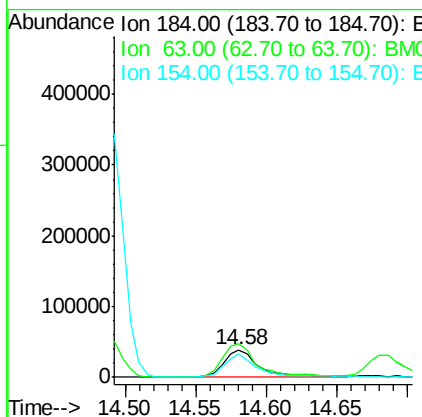
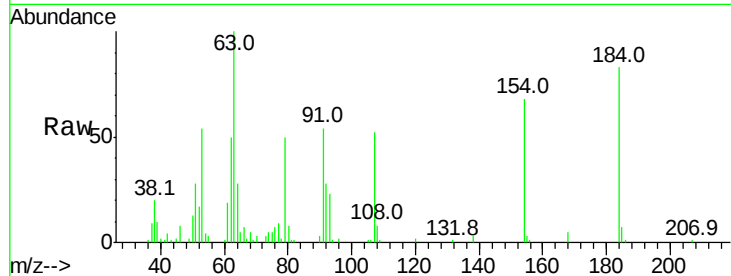




#53
2,4-Dinitrophenol
Concen: 36.74 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

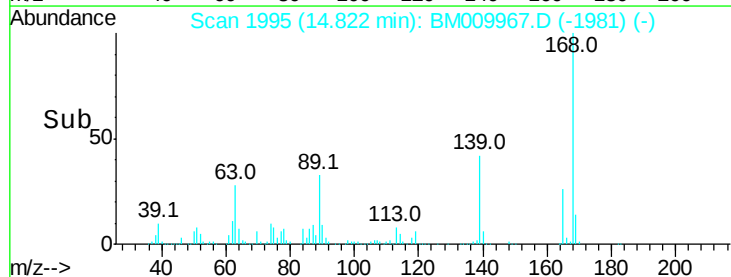
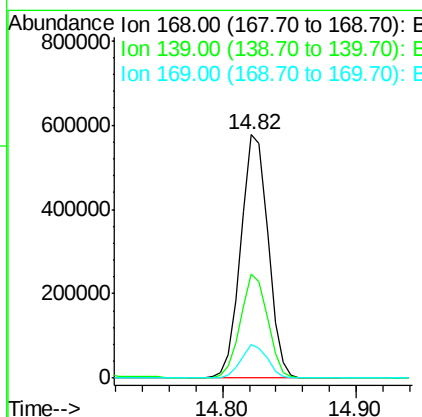
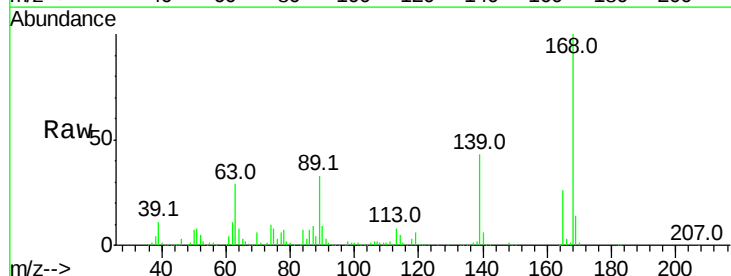
Instrument :
BNA_M
ClientSampled :

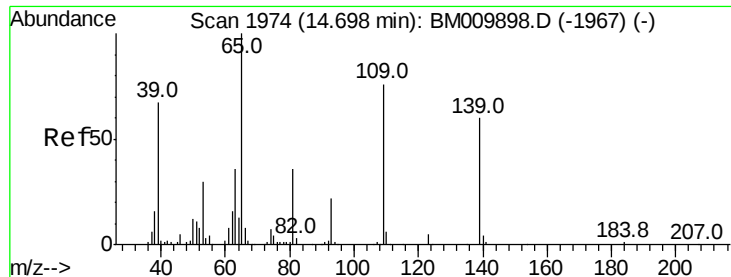
Tot Ion:184 Resp: 68009
Ion Ratio Lower Upper
184 100
63 120.0 69.2 103.8#
154 82.1 53.3 79.9#



#54
Dibenzofuran
Concen: 40.69 ng
RT: 14.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion:168 Resp: 813649
Ion Ratio Lower Upper
168 100
139 42.5 27.3 40.9#
169 14.1 10.6 16.0





#55

4-Nitrophenol

Concen: 36.06 ng

RT: 14.69 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

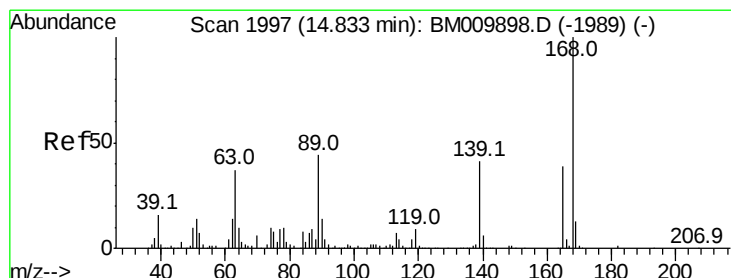
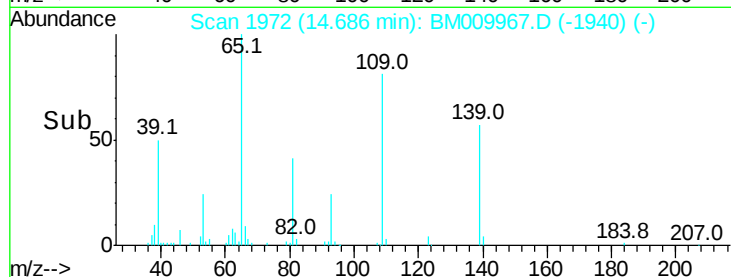
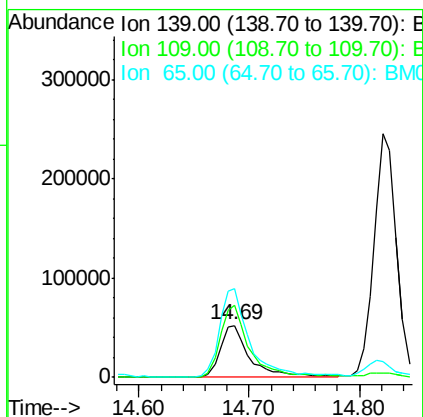
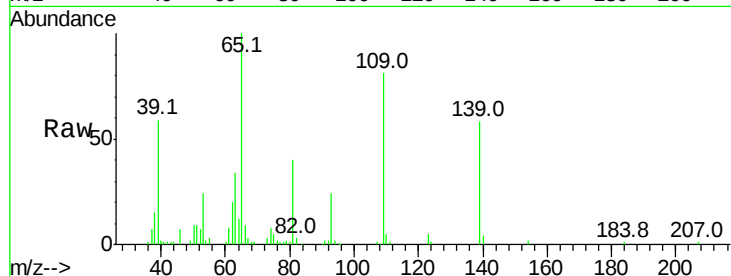
Tot Ion:139 Resp: 97687

Ion Ratio Lower Upper

139 100

109 139.5 37.7 77.7#

65 172.3 49.9 89.9#



#56

2,4-Dinitrotoluene

Concen: 41.45 ng

RT: 14.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Tgt Ion:165 Resp: 224527

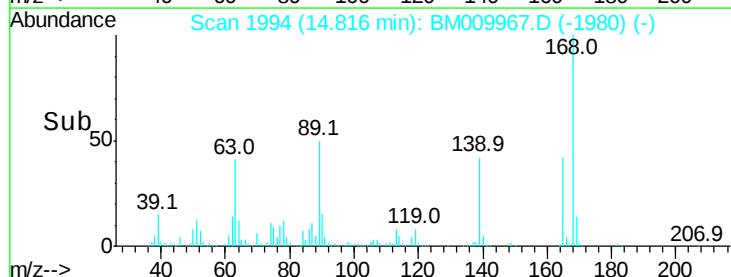
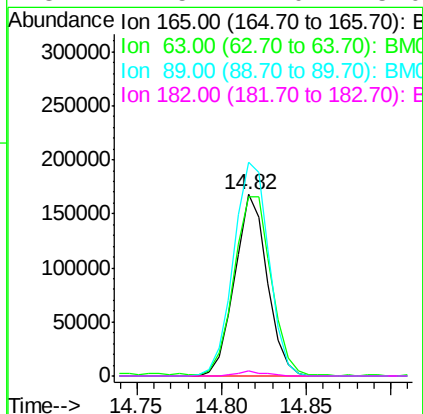
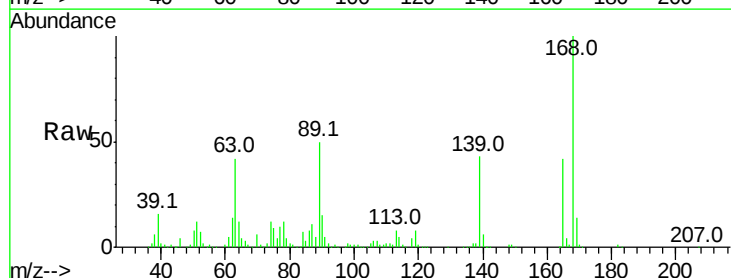
Ion Ratio Lower Upper

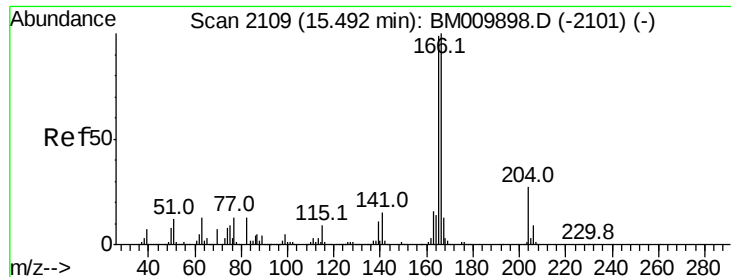
165 100

63 98.9 52.4 78.6#

89 117.7 72.4 108.6#

182 2.5 2.0 3.0





#57

Fluorene

Concen: 41.06 ng

RT: 15.47 min Scan# 2106

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

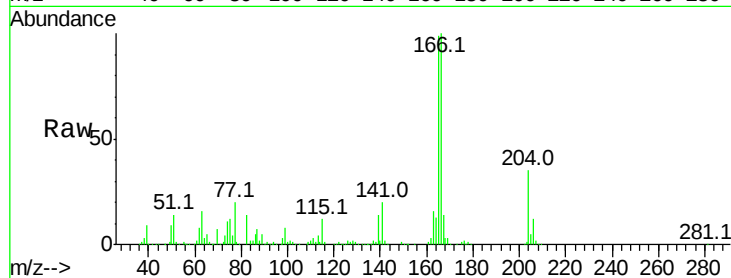
Tot Ion:166 Resp: 724566

Ion Ratio Lower Upper

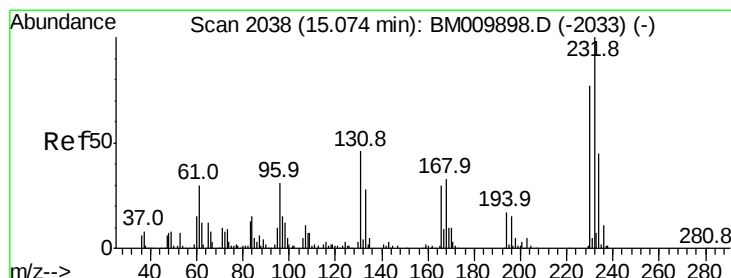
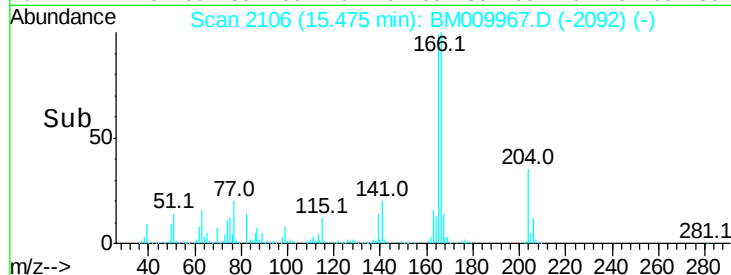
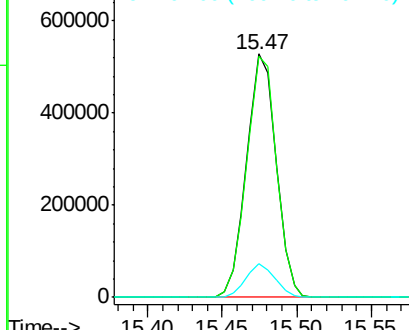
166 100

165 99.0 79.0 118.4

167 13.7 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: 42.24 ng

RT: 15.06 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Tgt Ion:232 Resp: 162321

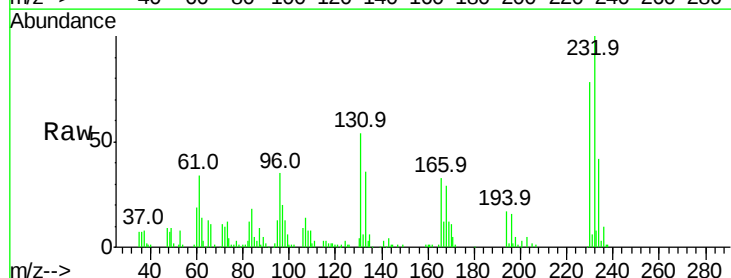
Ion Ratio Lower Upper

232 100

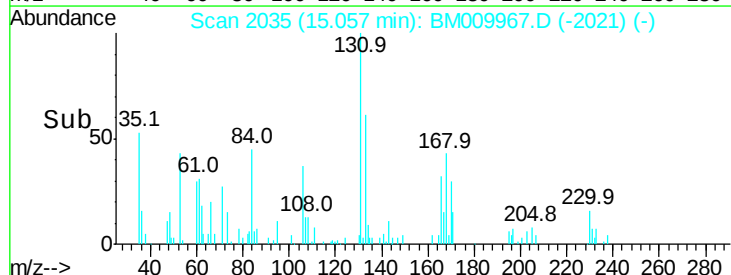
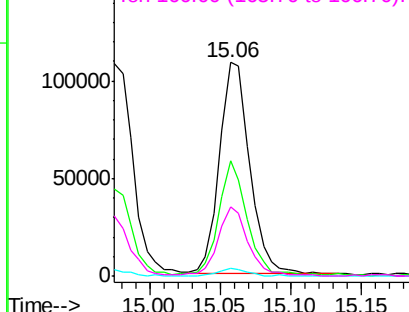
131 49.7 0.0 0.0#

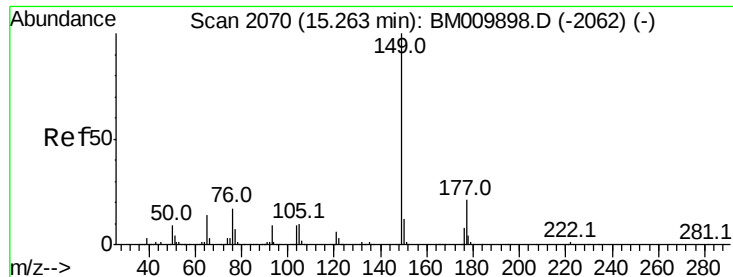
130 3.1 0.0 0.0#

166 32.5 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

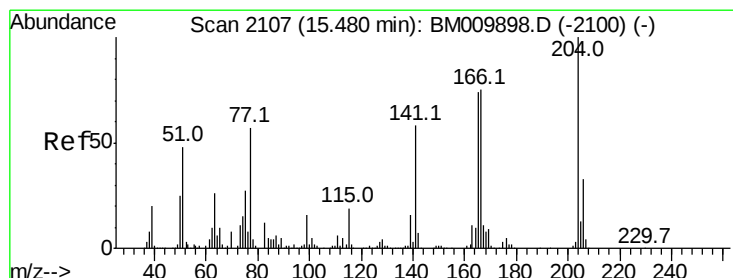
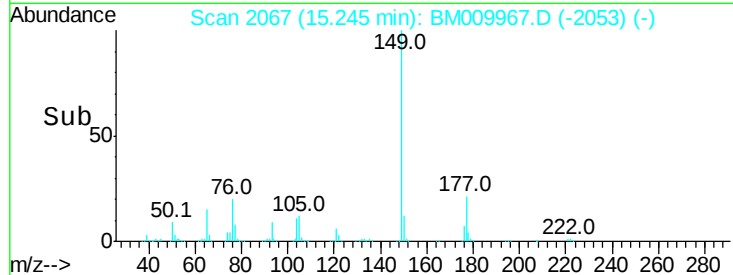
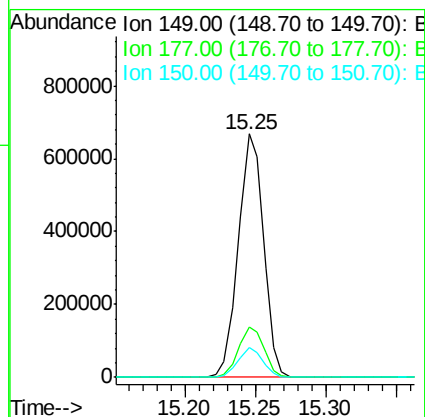
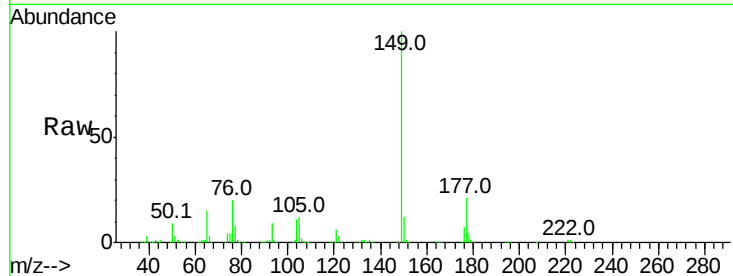




#59
Diethylphthalate
Concen: 40.78 ng
RT: 15.25 min Scan# 2067
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

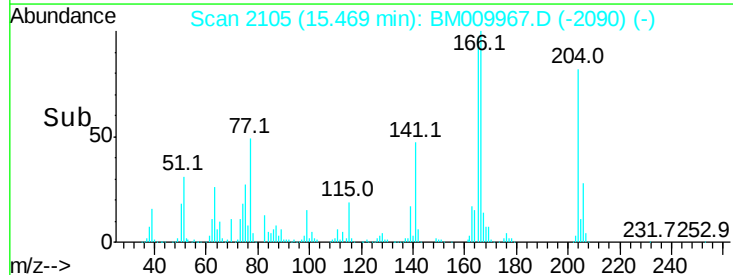
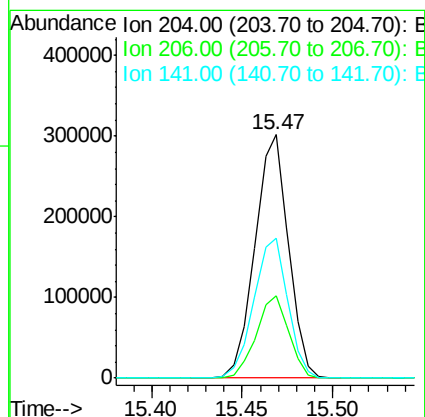
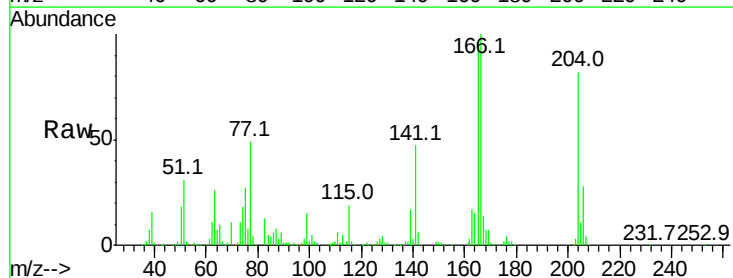
Instrument :
BNA_M
ClientSampleId :

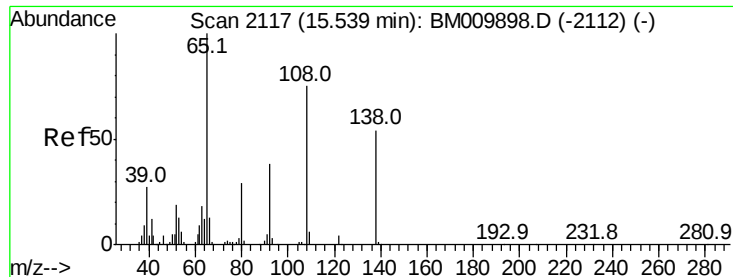
Tot Ion:149 Resp: 832510
Ion Ratio Lower Upper
149 100
177 20.9 18.3 27.5
150 12.0 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 41.21 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion:204 Resp: 385853
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 57.7 45.2 67.8

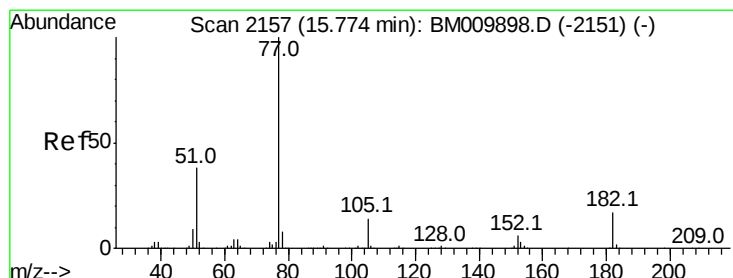
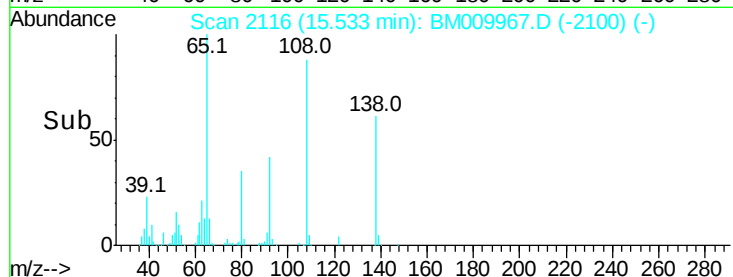
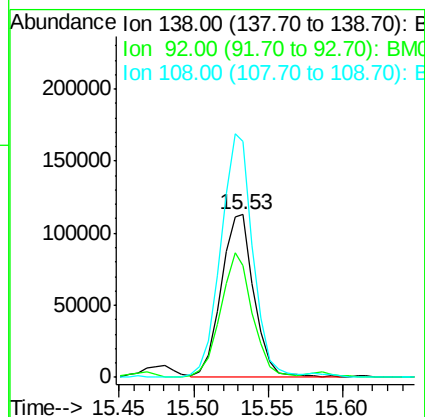
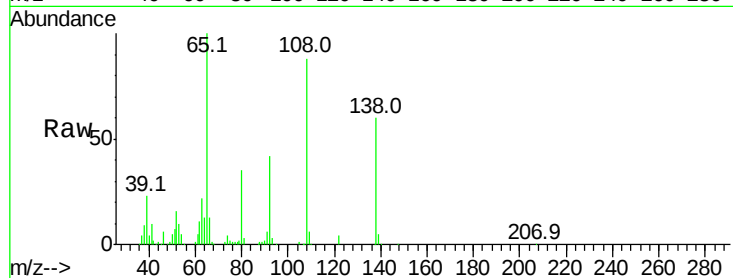




#61
4-Nitroaniline
Concen: 42.82 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

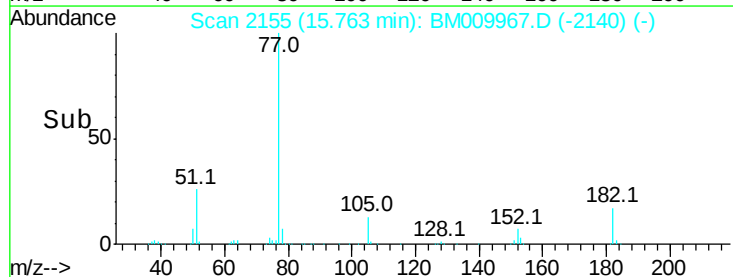
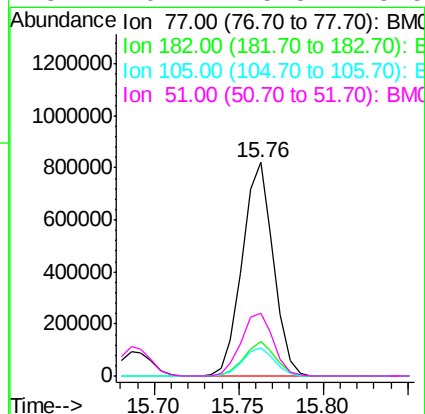
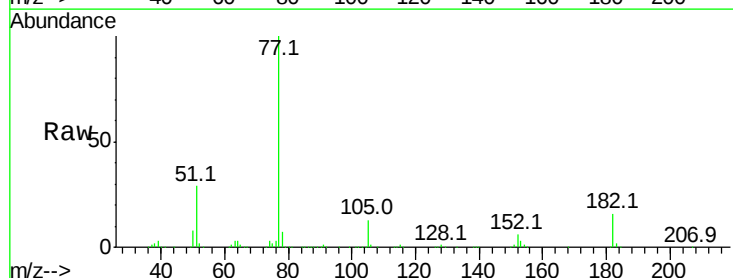
Instrument :
BNA_M
ClientSampleId :

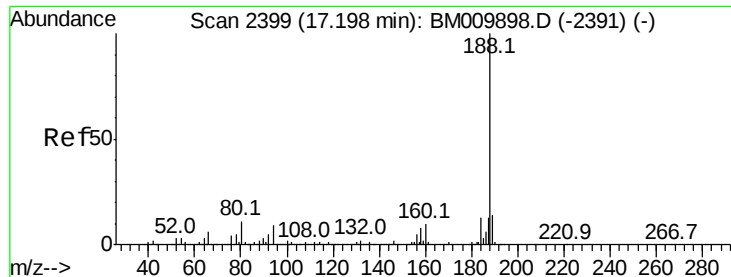
Tot Ion:138 Resp: 172962
Ion Ratio Lower Upper
138 100
92 69.1 16.7 56.7#
108 145.4 37.6 77.6#



#62
Azobenzene
Concen: 46.26 ng
RT: 15.76 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion: 77 Resp: 1052079
Ion Ratio Lower Upper
77 100
182 16.2 6.5 46.5
105 13.0 3.8 43.8
51 29.4 5.5 45.5

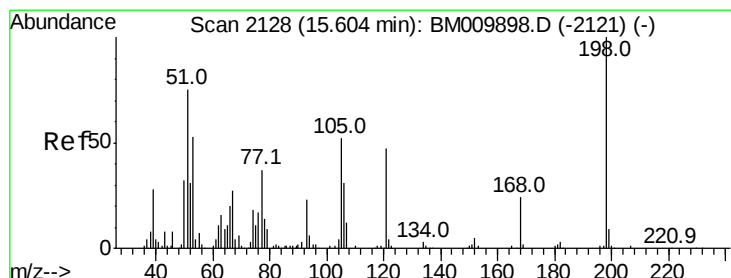
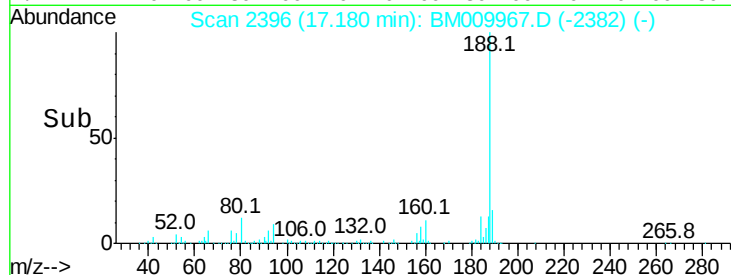
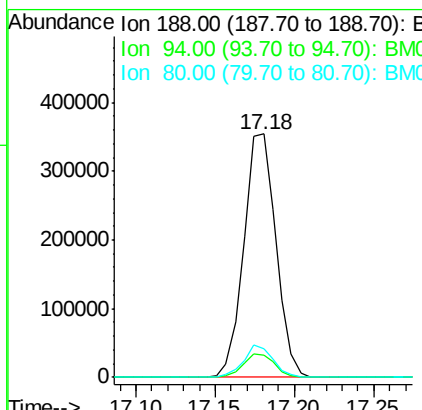
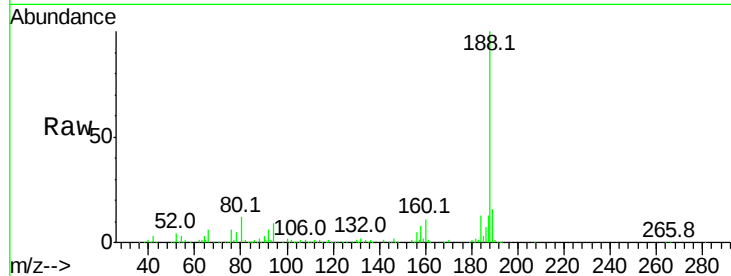




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.18 min Scan# 2396
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

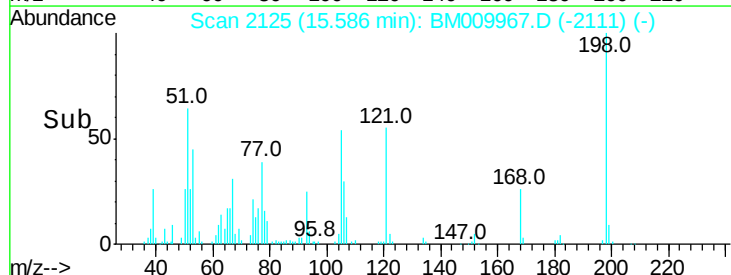
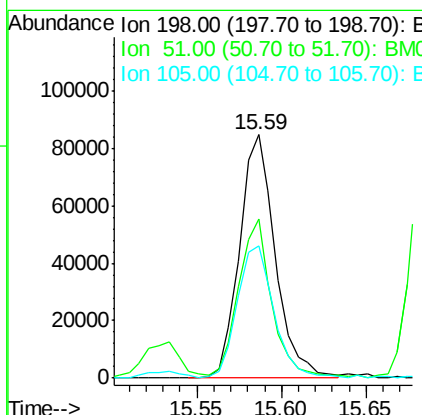
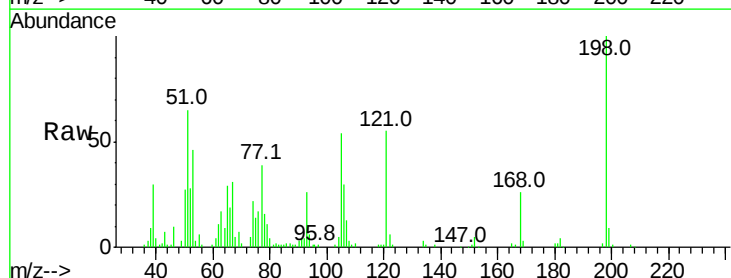
Instrument :
 BNA_M
 ClientSampleId :

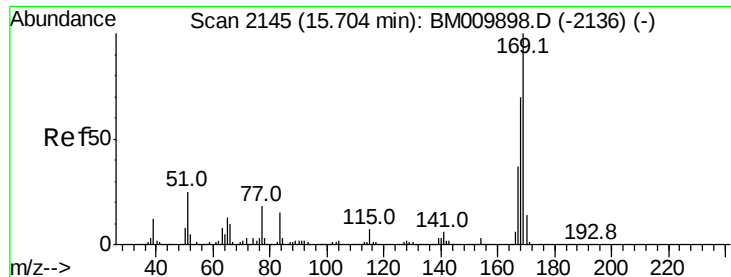
Tot Ion:188 Resp: 498032
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.7 13.1
 80 11.8 9.3 13.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.59 ng
 RT: 15.59 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion:198 Resp: 125132
 Ion Ratio Lower Upper
 198 100
 51 65.2 28.8 68.8
 105 54.2 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 40.26 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

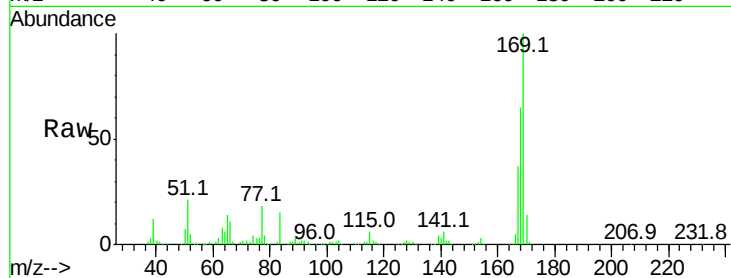
Tot Ion:169 Resp: 635440

Ion Ratio Lower Upper

169 100

168 65.2 53.9 80.9

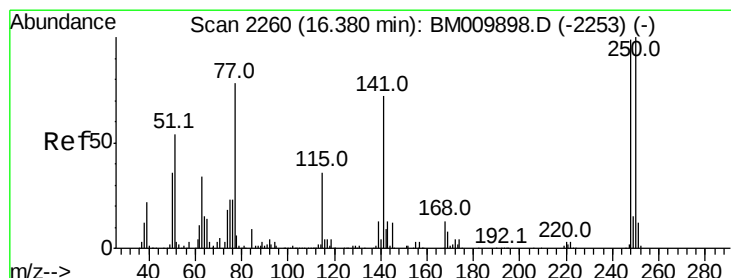
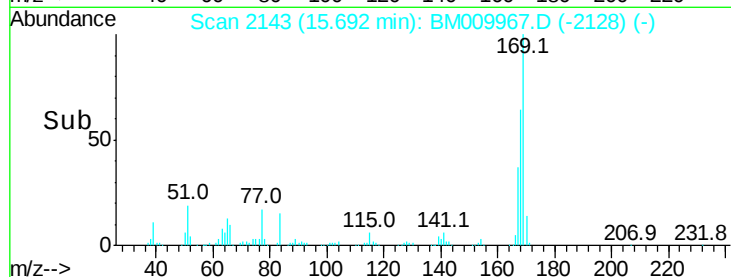
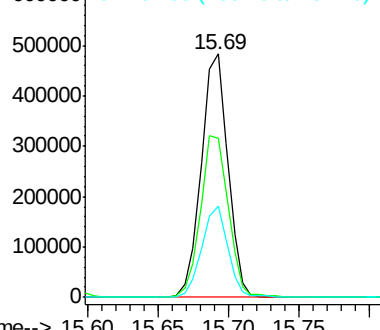
167 37.2 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.97 ng

RT: 16.36 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

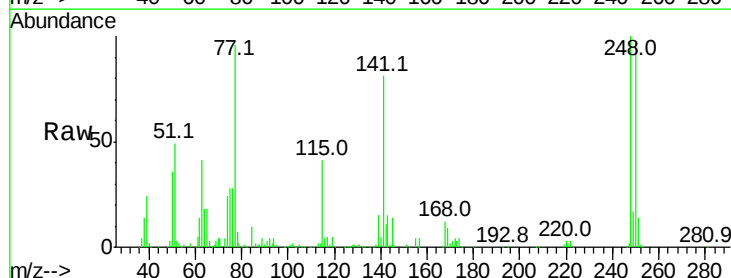
Tgt Ion:248 Resp: 232835

Ion Ratio Lower Upper

248 100

250 97.2 77.4 116.0

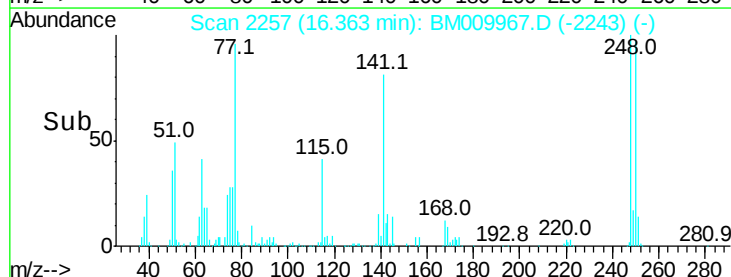
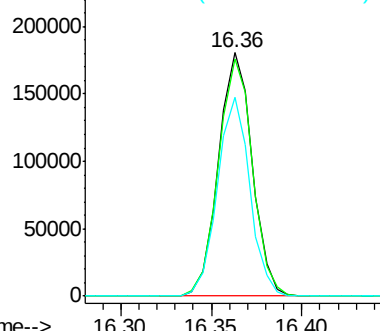
141 81.4 45.2 67.8#

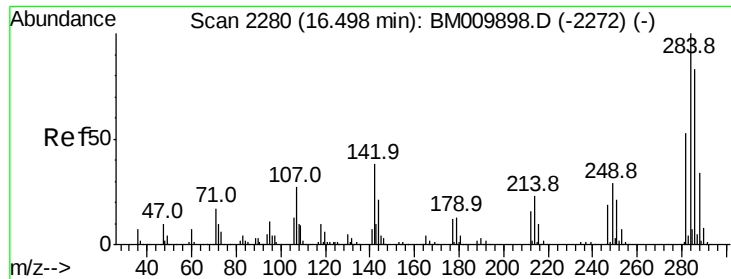


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

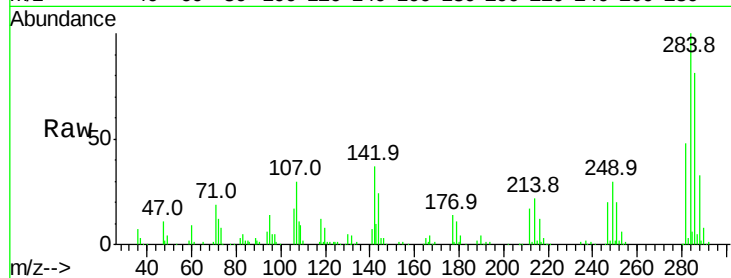




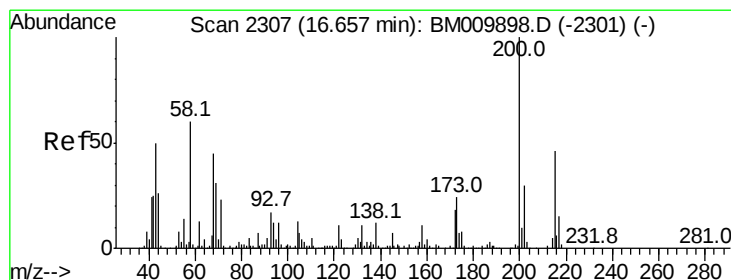
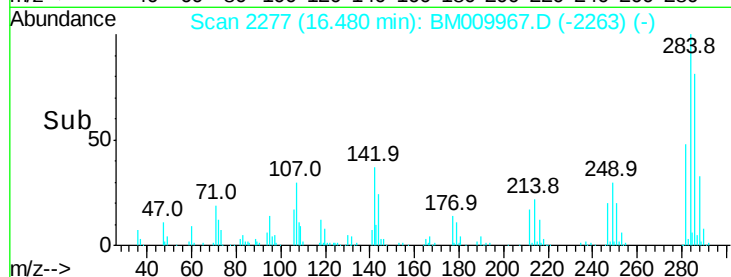
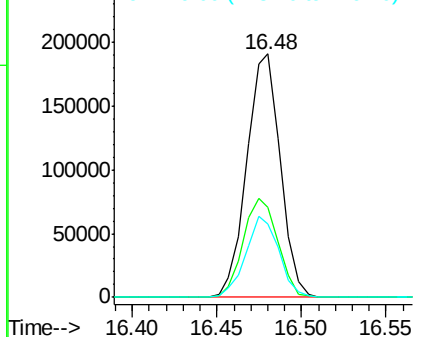
#67
Hexachlorobenzene
Concen: 39.81 ng
RT: 16.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.1	20.4	30.6
249	30.4	23.8	35.6

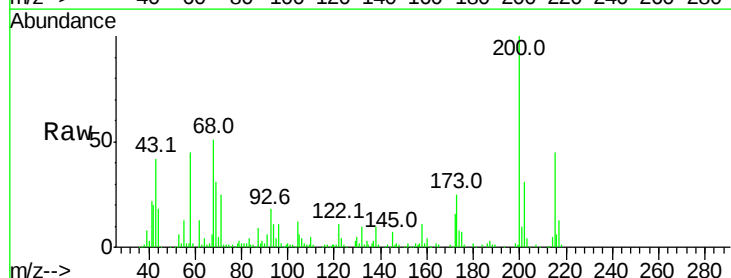


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

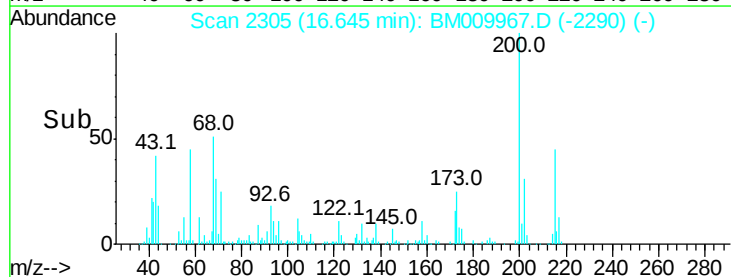
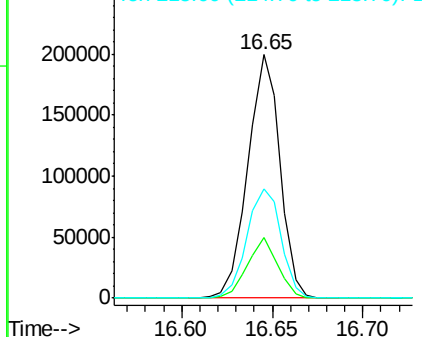


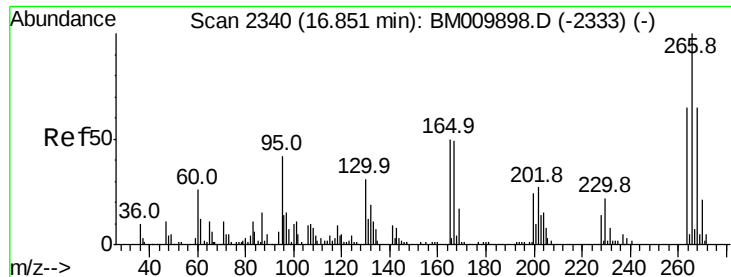
#68
Atrazine
Concen: 40.61 ng
RT: 16.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.8	44.8
215	44.8	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 39.17 ng

RT: 16.83 min Scan# 2337

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampled :

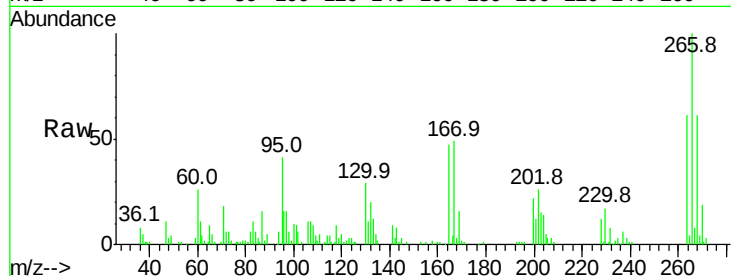
Tot Ion:266 Resp: 104241

Ion Ratio Lower Upper

266 100

268 60.8 52.0 78.0

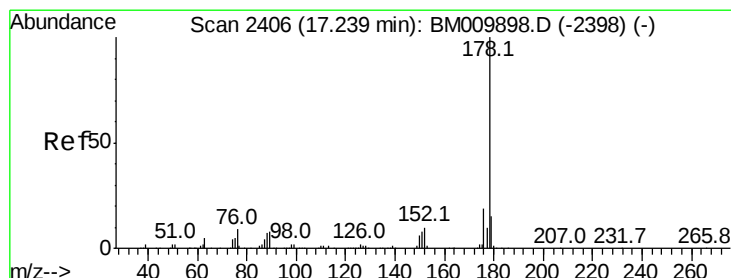
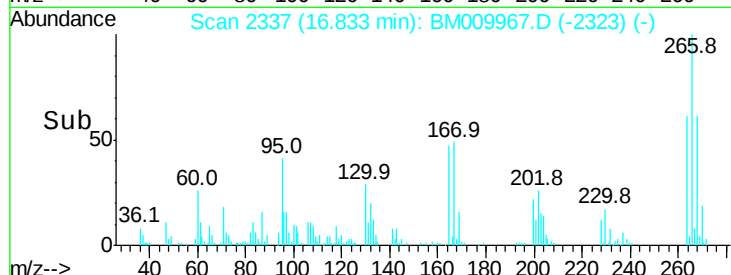
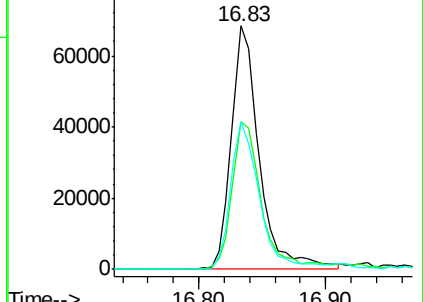
264 60.6 49.0 73.4



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: 40.40 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

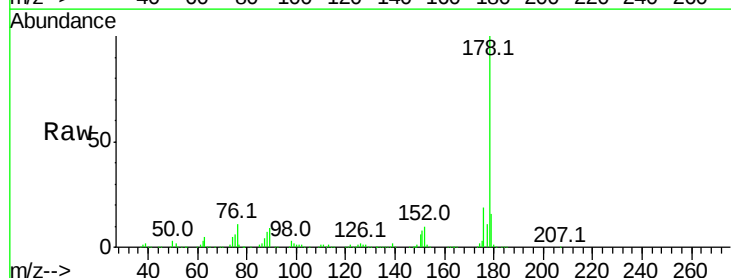
Tgt Ion:178 Resp: 1164912

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

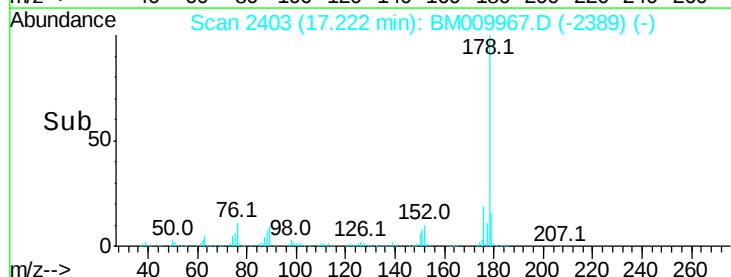
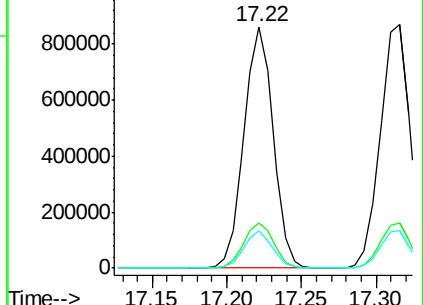
179 15.6 12.1 18.1

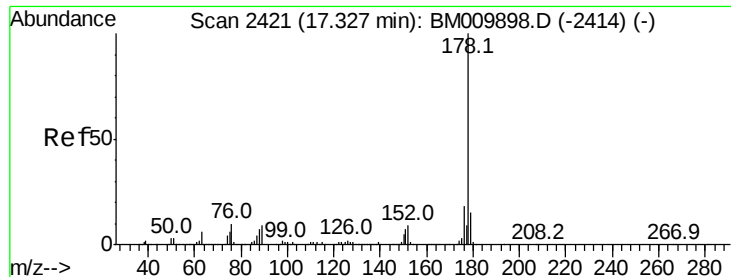


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



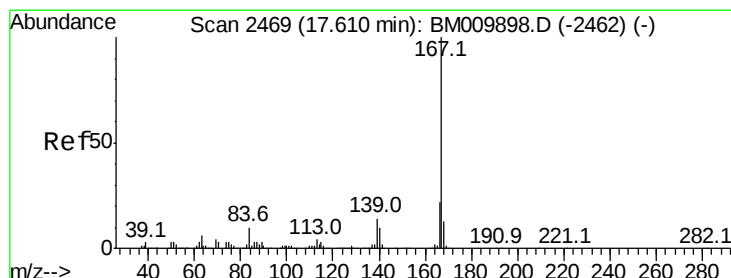
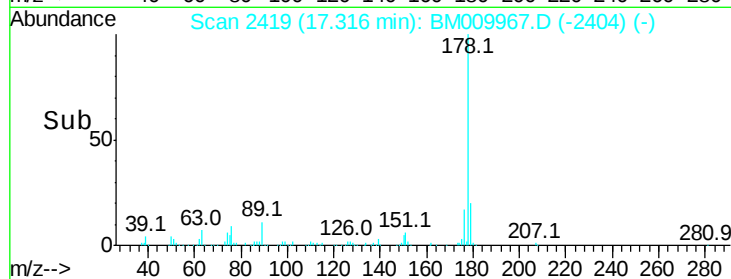
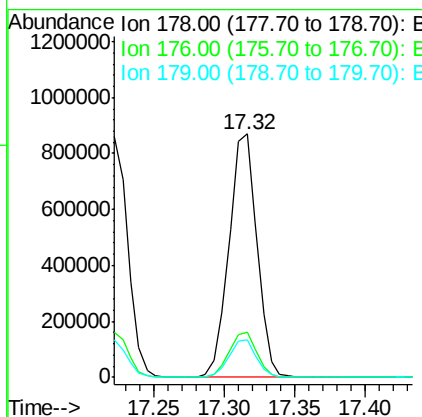
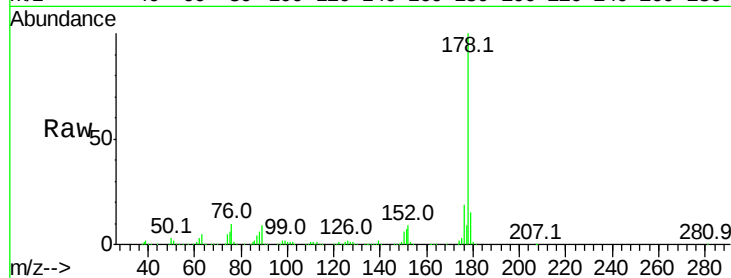


#71
 Anthracene
 Concen: 41.33 ng
 RT: 17.32 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:178 Resp: 1201605

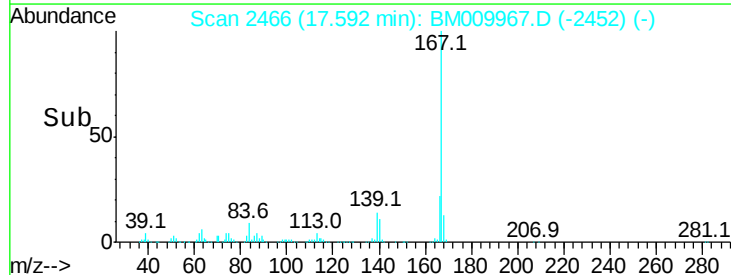
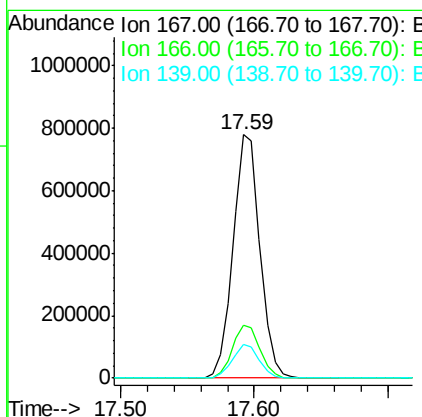
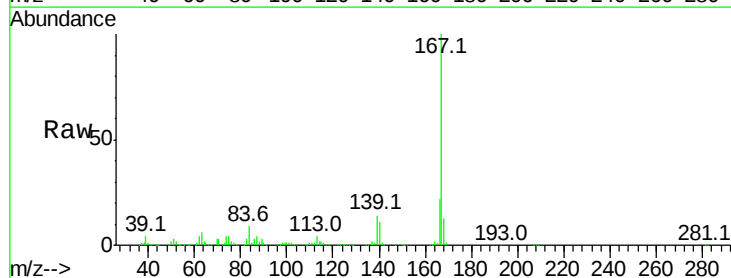
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.2	12.6	19.0

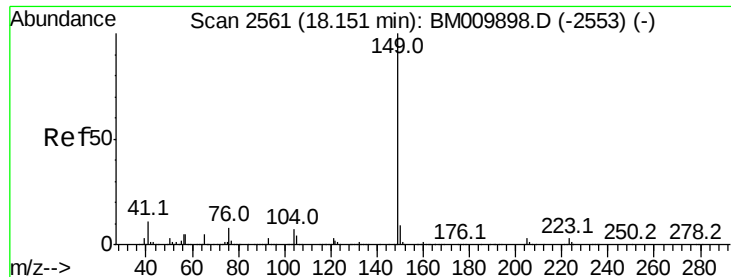


#72
 Carbazole
 Concen: 41.34 ng
 RT: 17.59 min Scan# 2466
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion:167 Resp: 1089669

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	14.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 41.44 ng

RT: 18.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

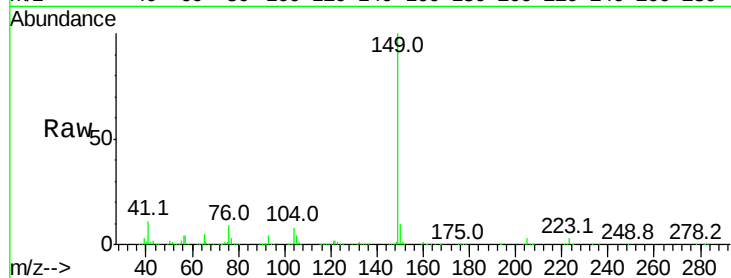
Tot Ion:149 Resp: 1568981

Ion Ratio Lower Upper

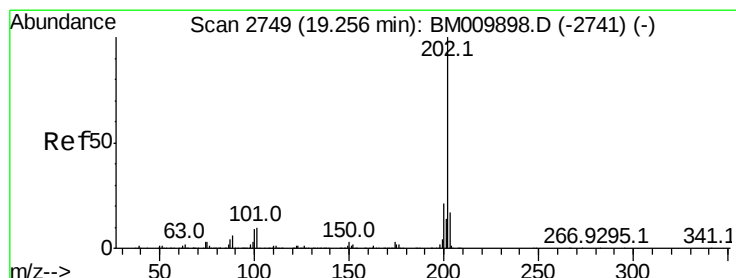
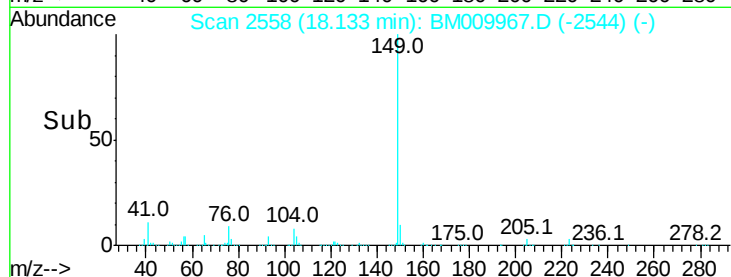
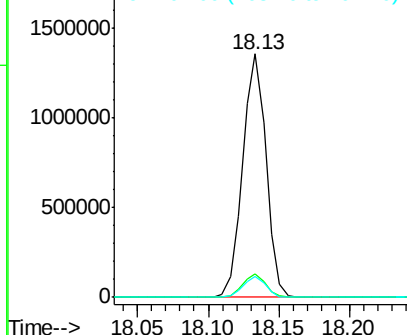
149 100

150 9.5 7.5 11.3

104 8.3 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.54 ng

RT: 19.24 min Scan# 2746

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

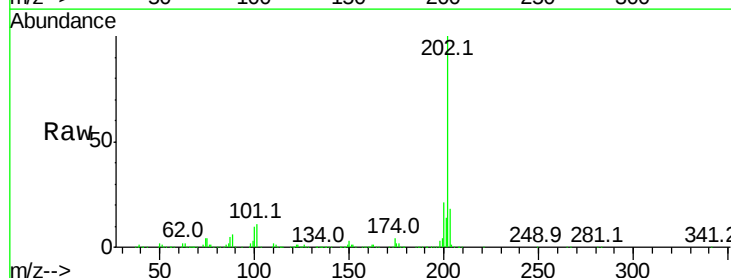
Tgt Ion:202 Resp: 1511489

Ion Ratio Lower Upper

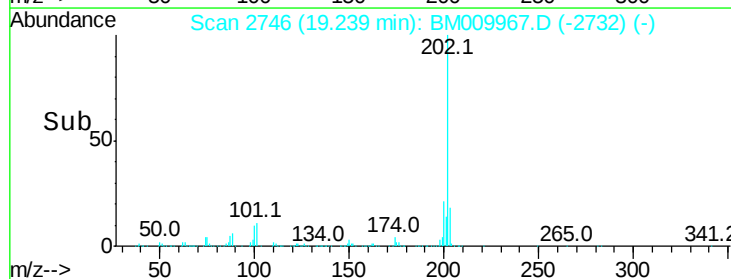
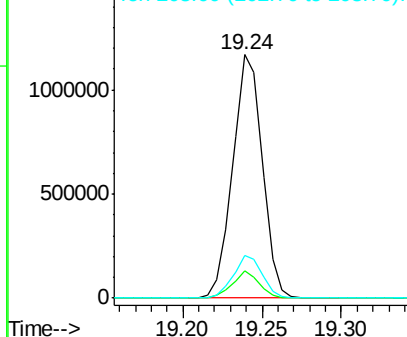
202 100

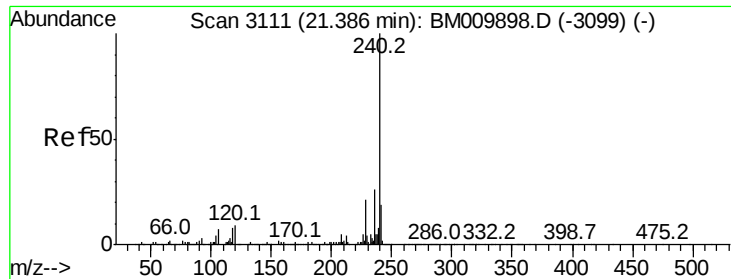
101 11.0 0.0 28.7

203 17.7 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

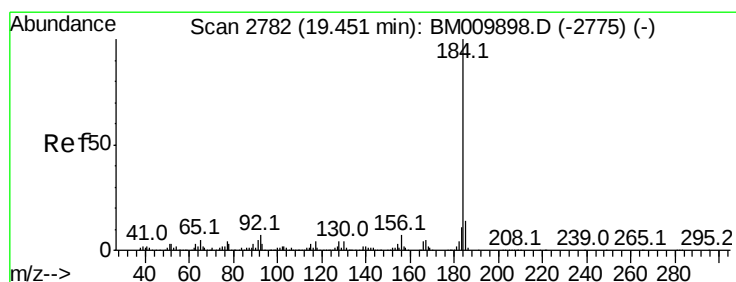
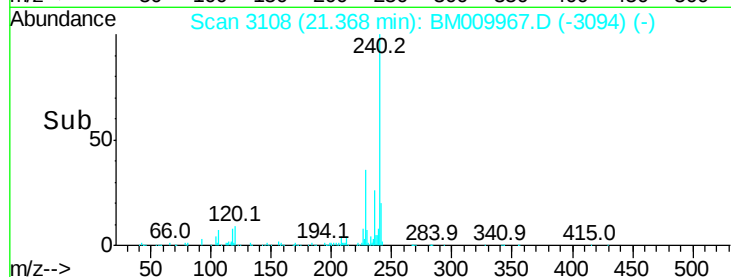
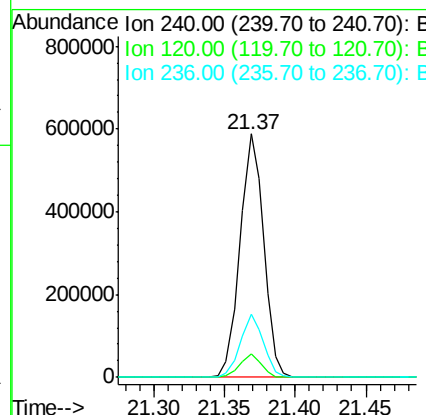
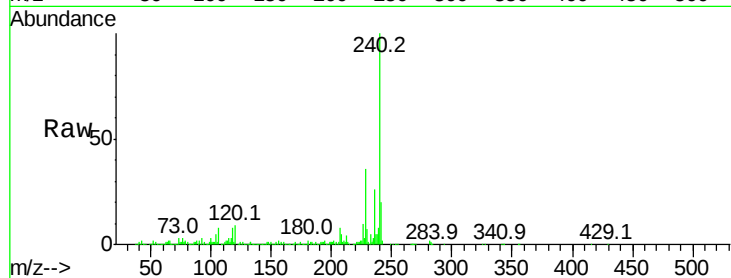




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.37 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

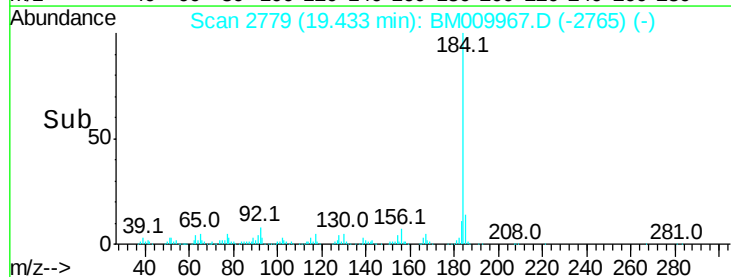
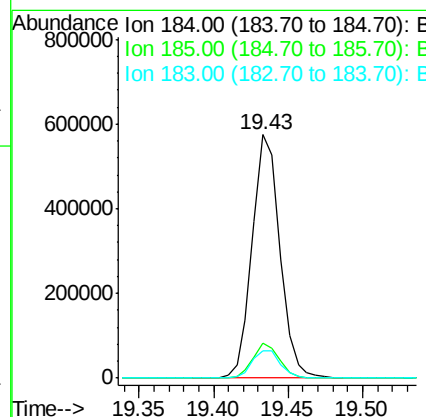
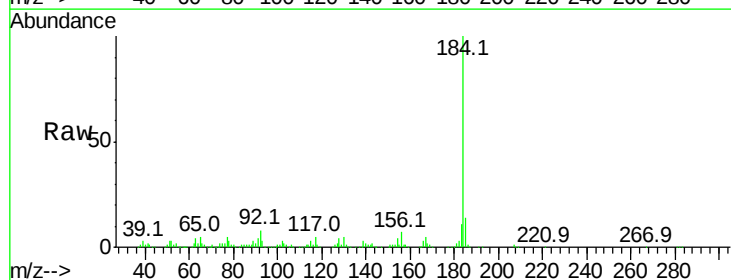
Instrument :
 BNA_M
 ClientSampleId :

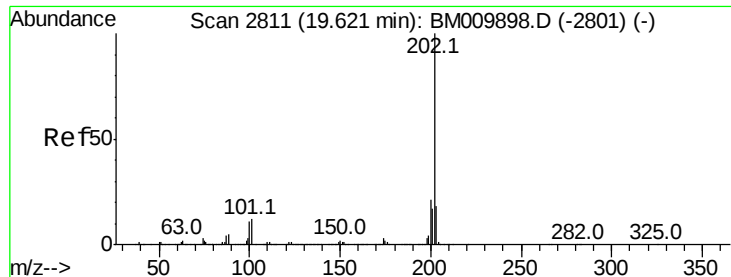
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	26.2	20.0	30.0



#76
 Benzidine
 Concen: 35.50 ng
 RT: 19.43 min Scan# 2779
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	11.4	8.9	13.3





#77

Pvrene

Concen: 39.27 ng

RT: 19.60 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

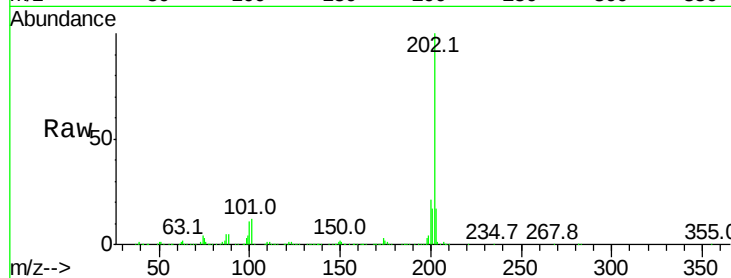
Tot Ion:202 Resp: 1611624

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

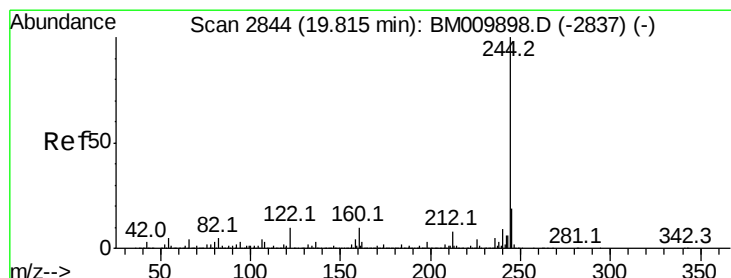
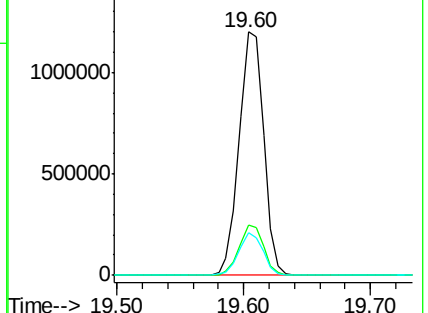
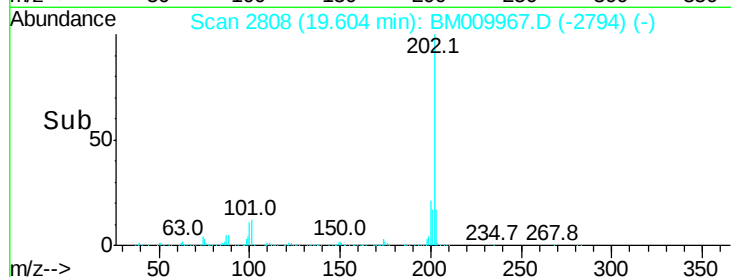
203 17.4 14.1 21.1



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: 80.27 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

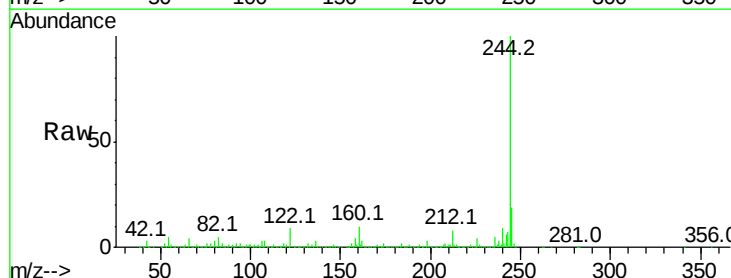
Tgt Ion:244 Resp: 2688602

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

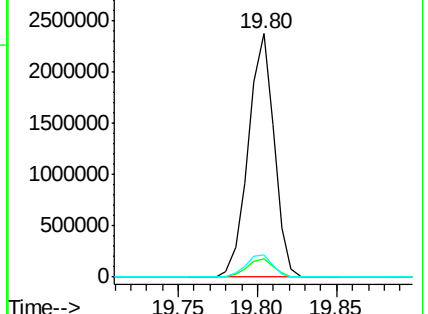
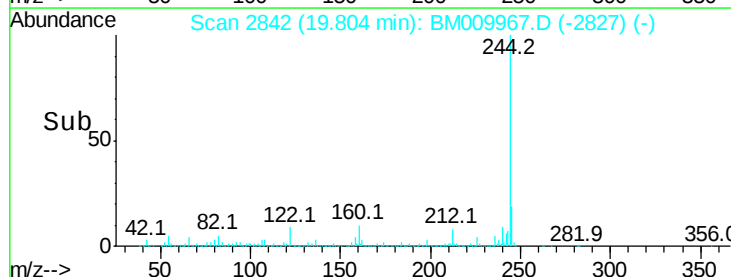
122 9.2 6.2 9.4

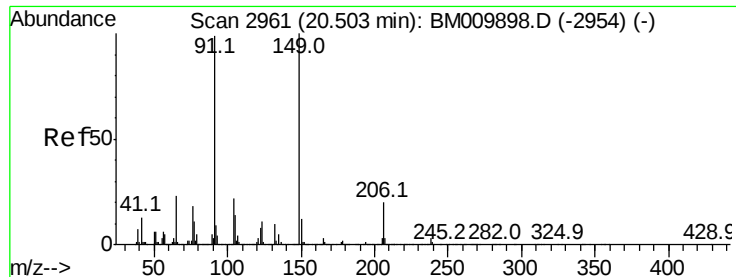


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

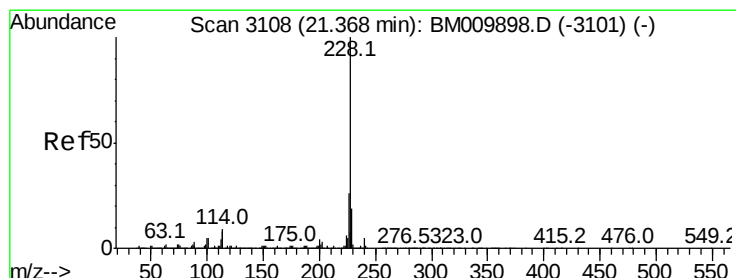
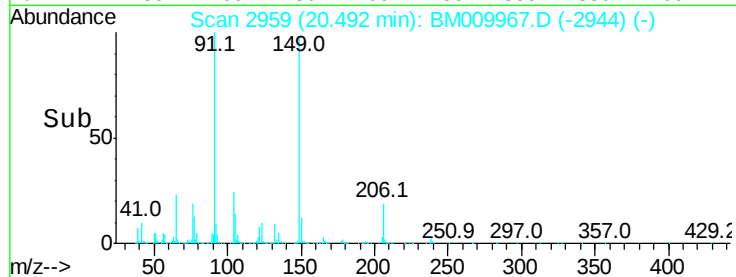
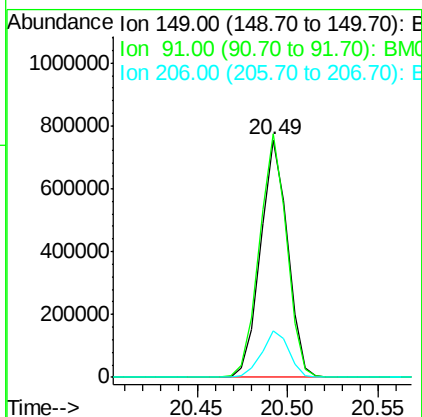
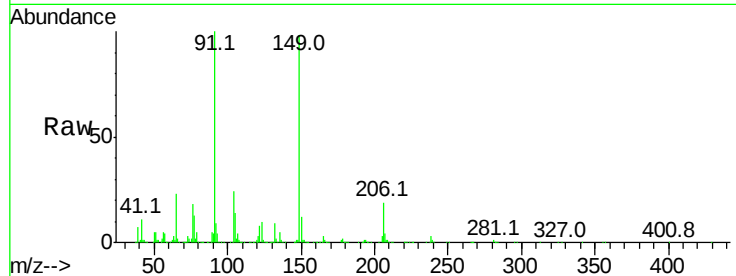




#79
Butylbenzylphthalate
Concen: 39.70 ng
RT: 20.49 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

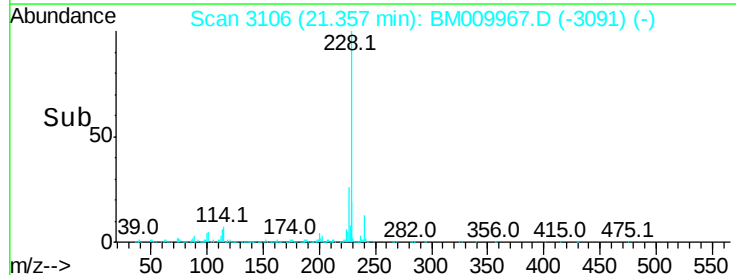
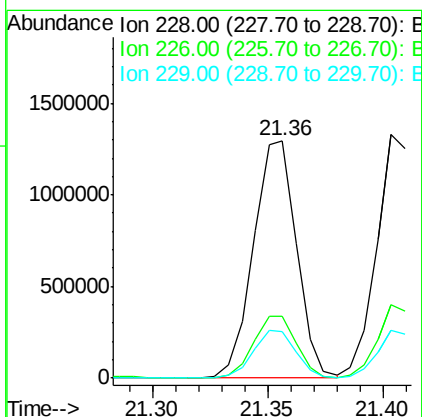
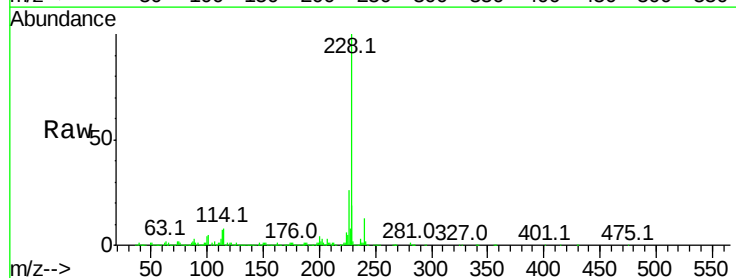
Instrument :
BNA_M
ClientSampled :

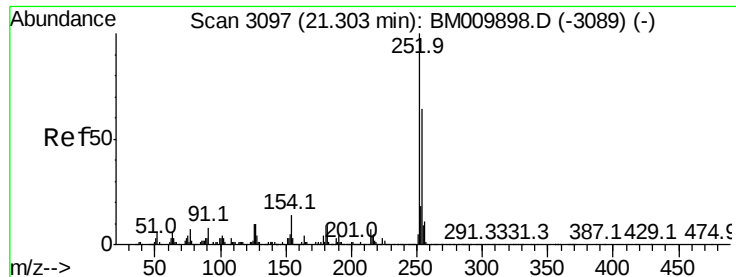
Tot Ion:149 Resp: 785772
Ion Ratio Lower Upper
149 100
91 102.4 50.1 75.1#
206 19.5 16.2 24.2



#80
Benzo(a)anthracene
Concen: 40.68 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion:228 Resp: 1683502
Ion Ratio Lower Upper
228 100
226 26.0 21.7 32.5
229 19.5 16.0 24.0

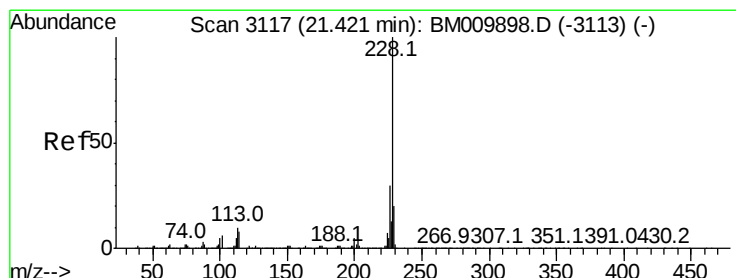
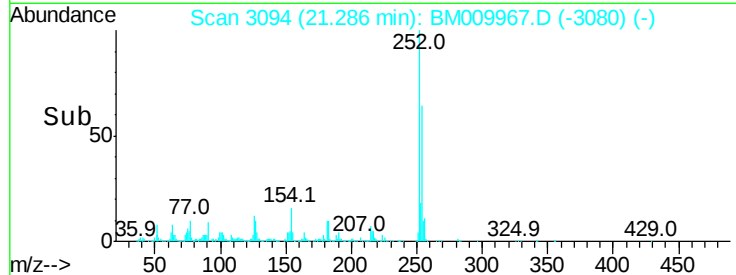
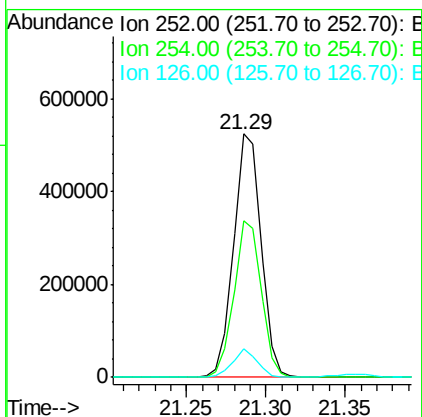
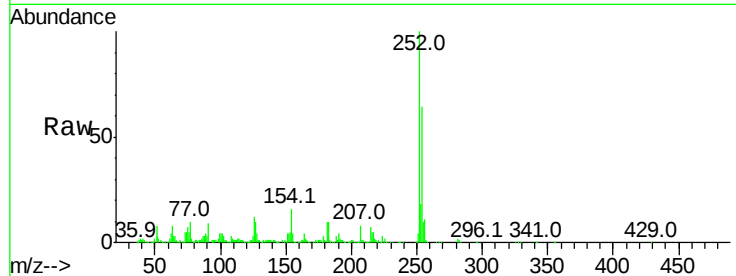




#81
 3,3'-Dichlorobenzidine
 Concen: 38.40 ng
 RT: 21.29 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

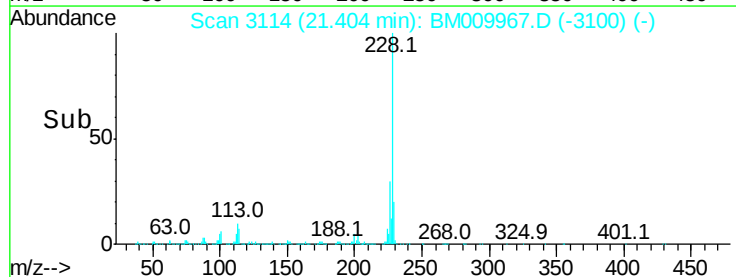
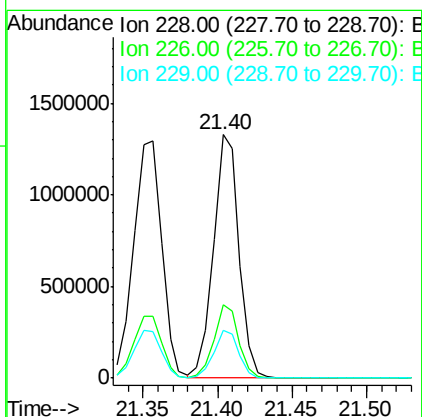
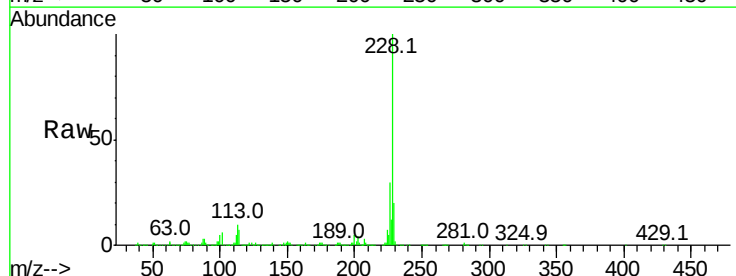
Instrument :
 BNA_M
 ClientSampleId :

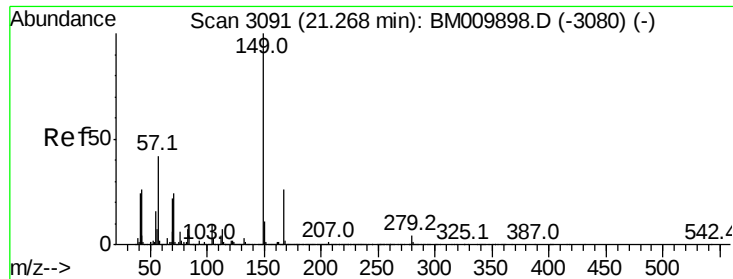
Tot Ion:	252	Resp:	631519
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.9	77.9
126	11.7	9.8	14.8



#82
 Chrysene
 Concen: 40.57 ng
 RT: 21.40 min Scan# 3114
 Delta R.T. -0.02 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion:	228	Resp:	1578492
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.8	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.06 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

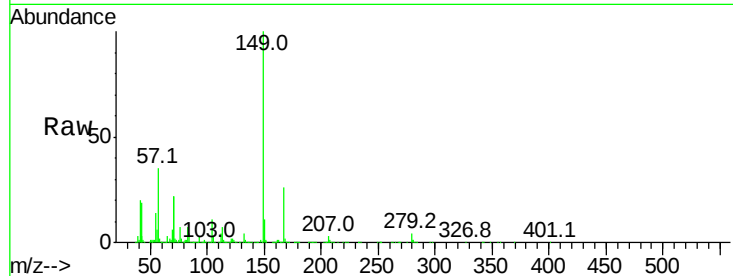
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1189146

Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.4	33.6
279	4.2	3.4	5.0

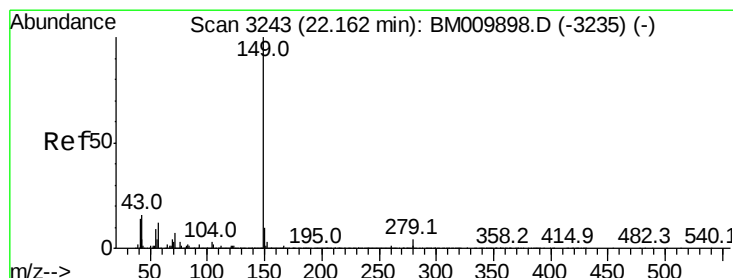
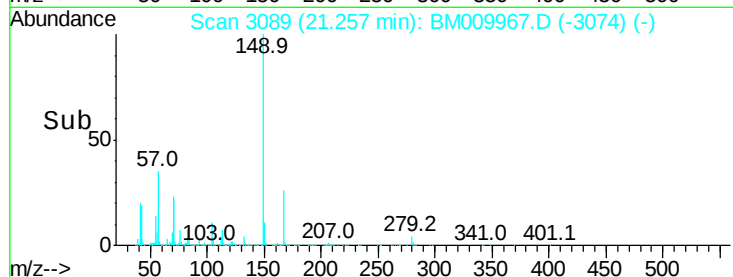
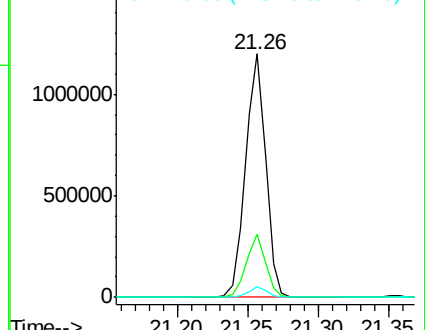


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.06 ng

RT: 22.14 min Scan# 3240

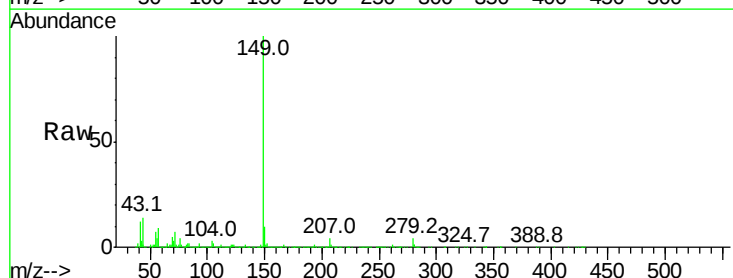
Delta R.T. -0.02 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Tgt Ion:149 Resp: 2064701

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.5	7.3	10.9#

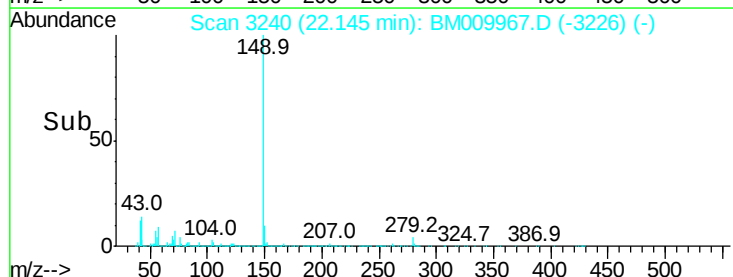
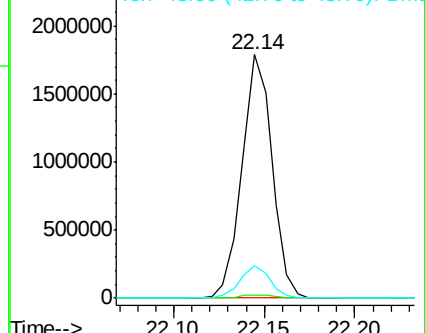


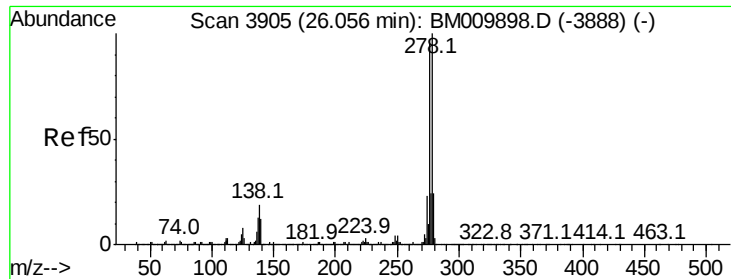
Abundance

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



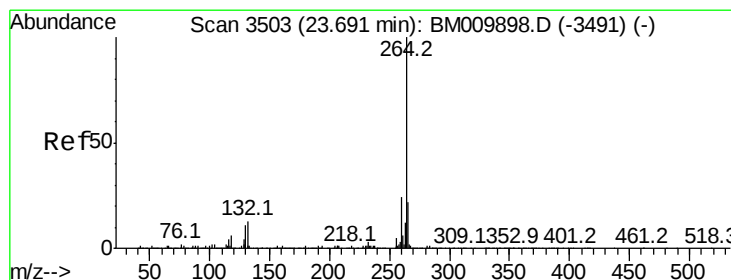
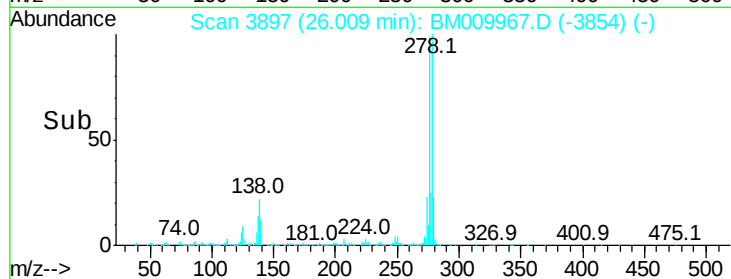
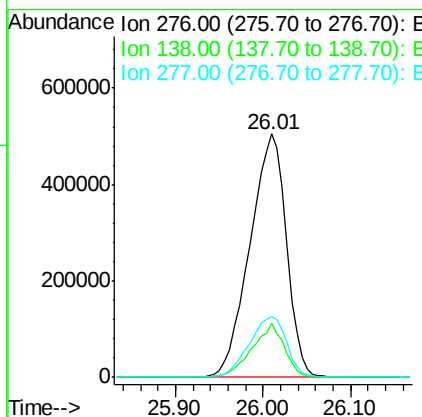
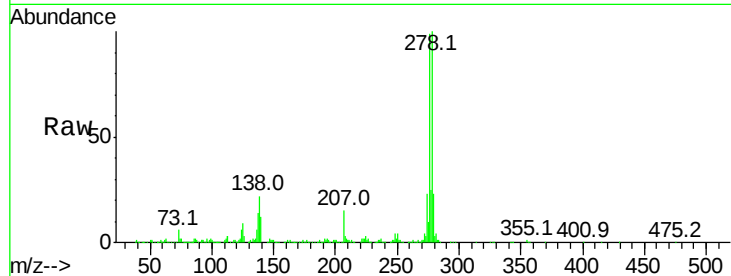


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.90 ng
 RT: 26.01 min Scan# 3897
 Delta R.T. -0.05 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 1443389

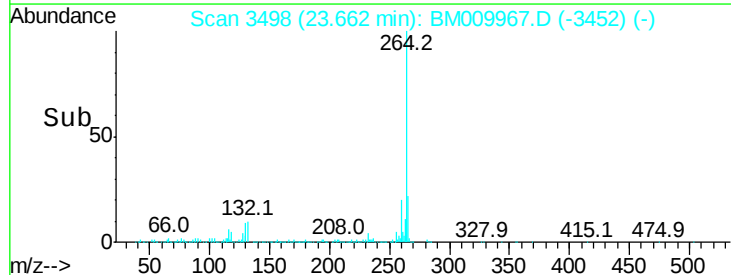
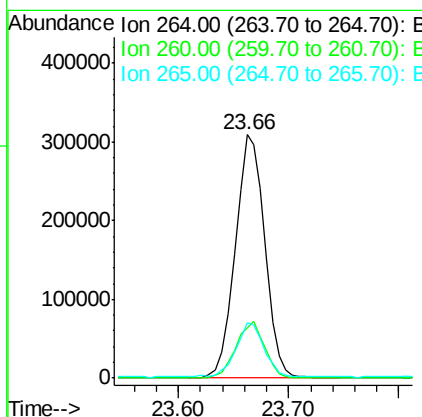
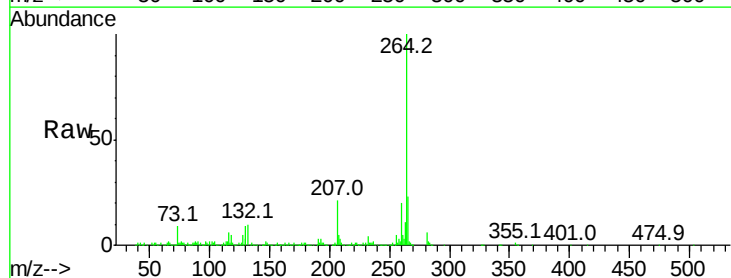
Ion	Ratio	Lower	Upper
276	100		
138	19.8	0.0	0.0#
277	25.6	0.0	0.0#

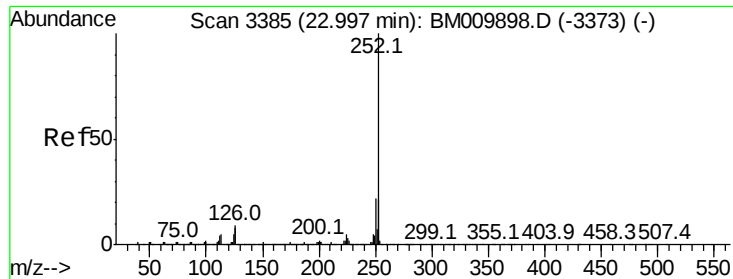


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.66 min Scan# 3498
 Delta R.T. -0.03 min
 Lab File: BM009967.D
 Acq: 10 May 2017 12:45

Tgt Ion:264 Resp: 580169

Ion	Ratio	Lower	Upper
264	100		
260	20.5	18.6	27.8
265	22.7	17.3	25.9

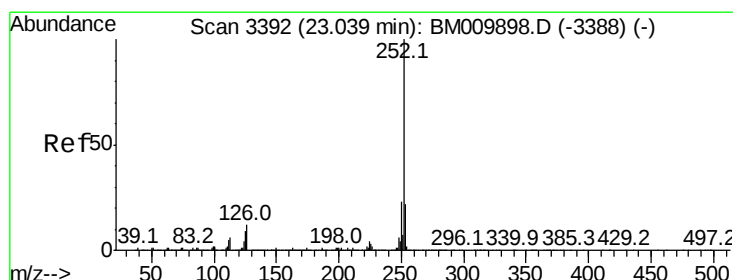
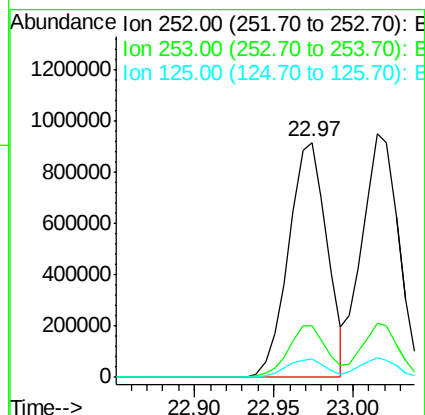
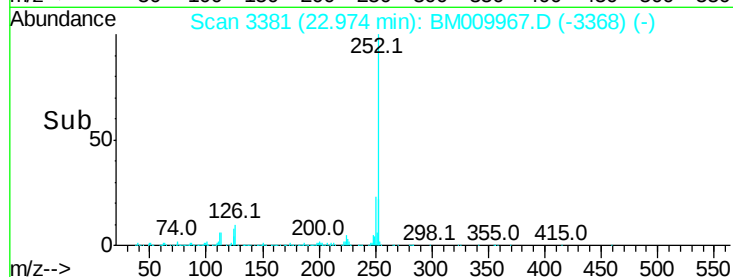
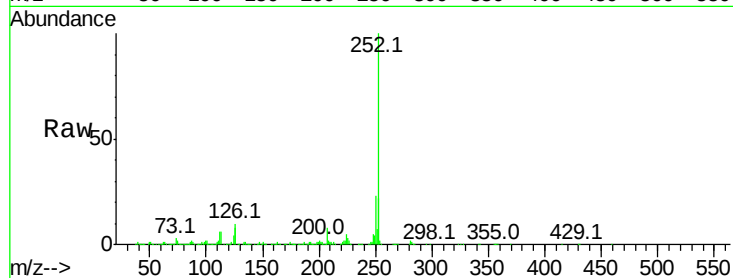




#87
Benzo(b)fluoranthene
Concen: 41.58 ng
RT: 22.97 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

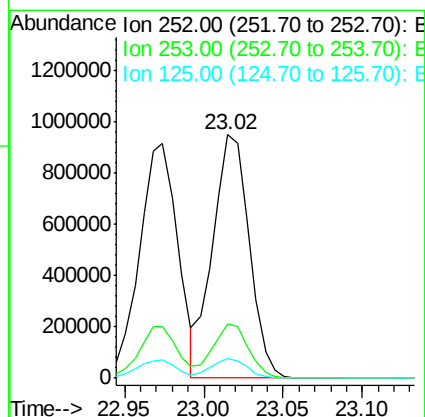
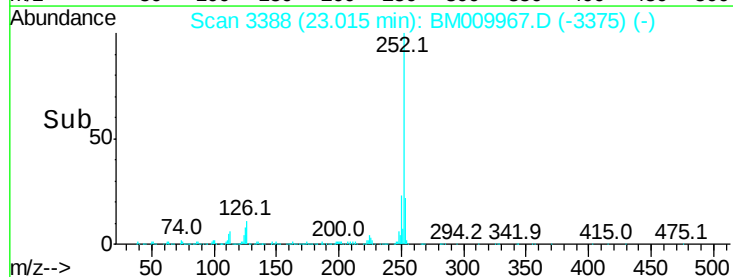
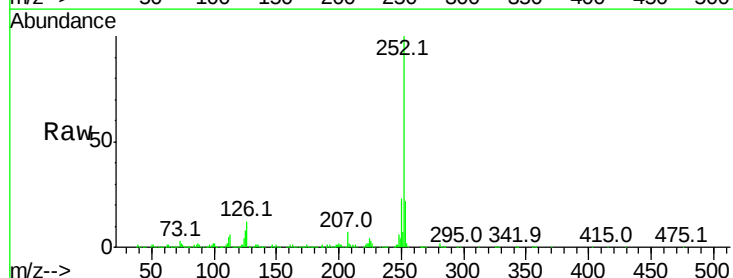
Instrument :
BNA_M
ClientSampleId :

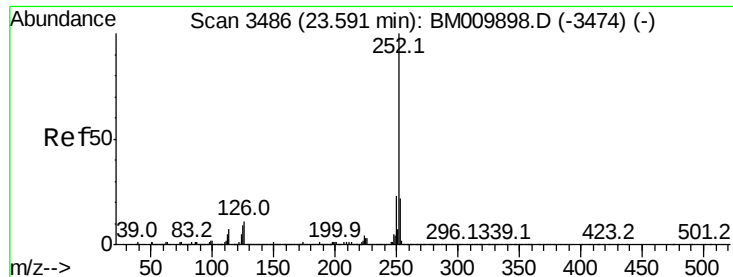
Tot Ion:252 Resp: 1537146
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 7.9 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 42.34 ng
RT: 23.02 min Scan# 3388
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion:252 Resp: 1521995
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 7.8 8.1 12.1#

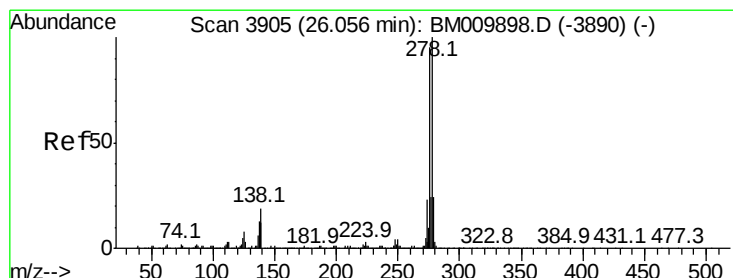
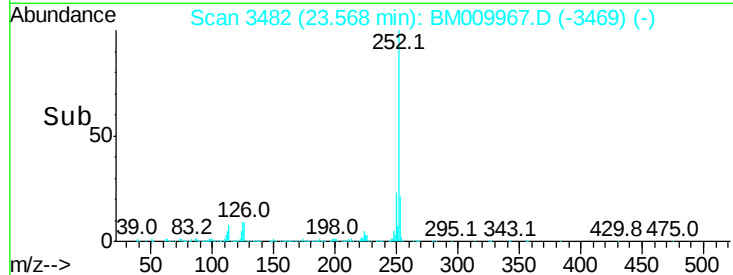
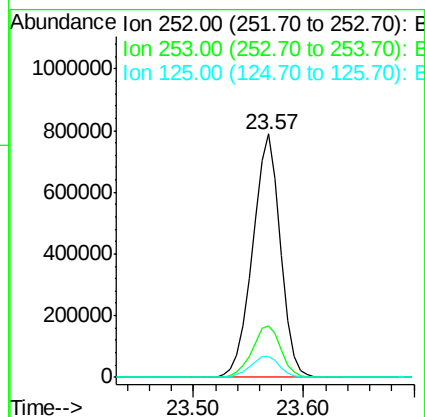
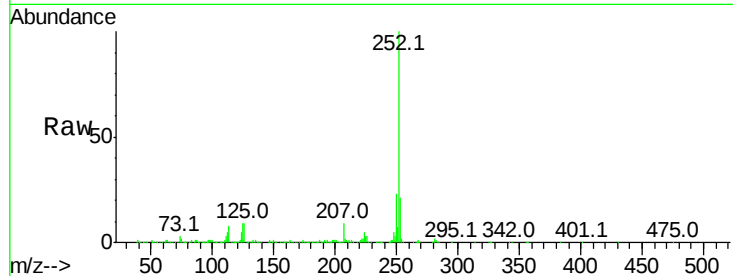




#89
Benzo(a)pyrene
Concen: 40.06 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.02 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

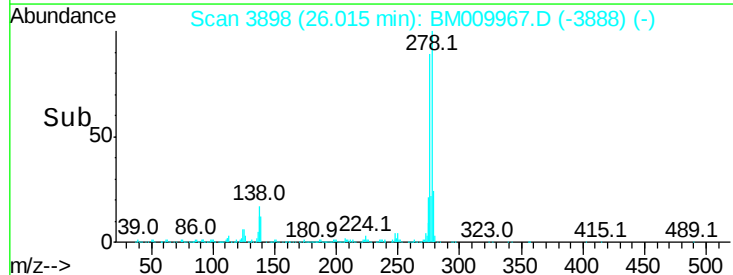
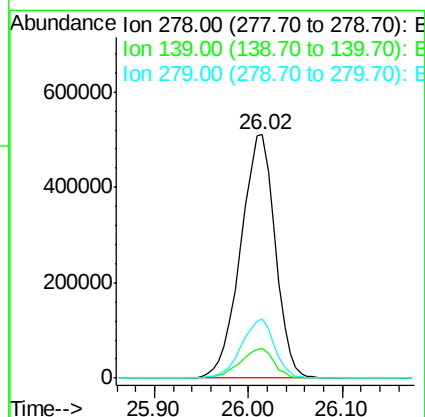
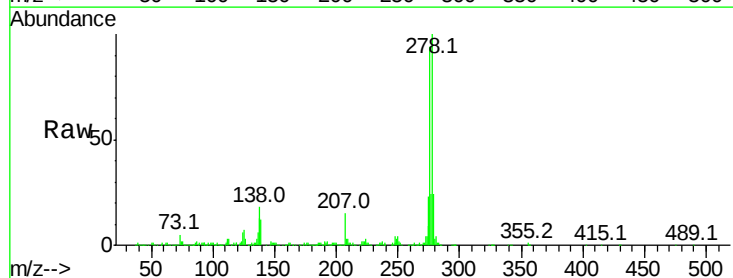
Instrument :
BNA_M
ClientSampleId :

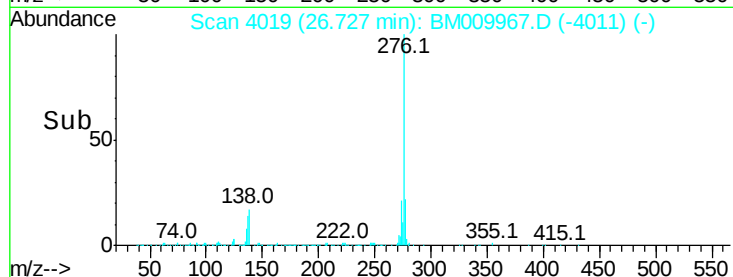
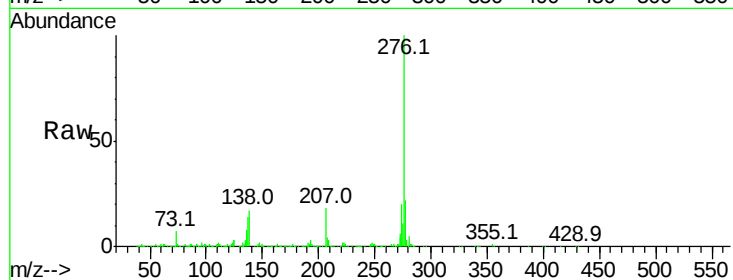
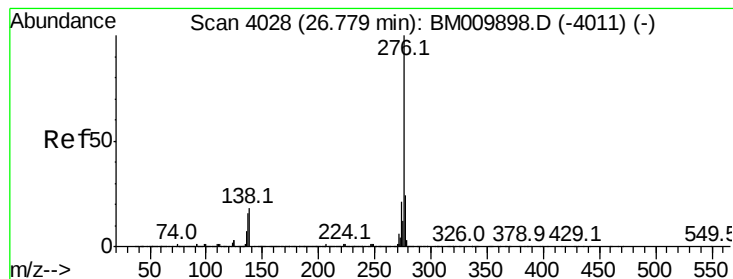
Tot Ion:252 Resp: 1389372
Ion Ratio Lower Upper
252 100
253 21.0 17.6 26.4
125 8.7 7.4 11.2



#90
Dibenzo(a,h)anthracene
Concen: 37.15 ng
RT: 26.02 min Scan# 3898
Delta R.T. -0.04 min
Lab File: BM009967.D
Acq: 10 May 2017 12:45

Tgt Ion:278 Resp: 1292776
Ion Ratio Lower Upper
278 100
139 12.0 13.4 20.0#
279 24.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.91 ng

RT: 26.73 min Scan# 4019

Delta R.T. -0.05 min

Lab File: BM009967.D

Acq: 10 May 2017 12:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 1172269

Ion Ratio Lower Upper

276 100

277 22.2 18.5 27.7

138 16.7 19.0 28.6#

