

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009473.D
 Acq On : 31 Mar 2017 14:02
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 31 22:57:21 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	142446	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	597379	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	364947	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	866698	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	1165730	20.00	ng	0.00
86) Perylene-d12	23.74	264	1076282	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	697232	81.59	ng	-0.01
7) Phenol-d6	7.01	99	1000933	85.89	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1288890	80.90	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	389268	85.86	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2392204	78.98	ng	-0.01
78) Terphenyl-d14	19.86	244	4523785	81.09	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	159204	37.05	ng	# 100
3) Pyridine	3.75	79	493052	40.60	ng	# 83
4) n-Nitrosodimethylamine	3.67	42	262730	40.64	ng	# 64
6) Aniline	7.18	93	675814	42.67	ng	# 91
8) 2-Chlorophenol	7.41	128	371997	42.93	ng	# 78
9) Benzaldehyde	7.00	77	344634	37.57	ng	# 85
10) Phenol	7.03	94	539796	42.75	ng	# 89
11) bis(2-Chloroethyl)ether	7.27	93	435209	42.05	ng	# 81
12) 1,3-Dichlorobenzene	7.73	146	426583	41.12	ng	# 88
13) 1,4-Dichlorobenzene	7.88	146	438977	40.95	ng	# 94
14) 1,2-Dichlorobenzene	8.20	146	423594	40.69	ng	# 92
15) Benzyl Alcohol	8.09	79	434151	42.61	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.37	45	742830	41.29	ng	# 94
17) 2-Methylphenol	8.28	107	364730	44.14	ng	# 84
18) Hexachloroethane	8.92	117	185581	42.32	ng	# 90
19) n-Nitroso-di-n-propylamine	8.65	70	408123	43.44	ng	# 91
20) 3+4-Methylphenols	8.61	107	496216	44.17	ng	# 88
22) Acetophenone	8.67	105	679070	40.31	ng	# 88
24) Nitrobenzene	9.06	77	624628	40.02	ng	# 91
25) Isophorone	9.57	82	1011749	41.63	ng	# 90
26) 2-Nitrophenol	9.76	139	191611	40.70	ng	# 51
27) 2,4-Dimethylphenol	9.82	122	354796	41.20	ng	# 84
28) bis(2-Chloroethoxy)methane	10.06	93	603043	40.07	ng	# 99
29) 2,4-Dichlorophenol	10.29	162	376009	41.76	ng	# 96
30) 1,2,4-Trichlorobenzene	10.50	180	445568	39.89	ng	# 97
31) Naphthalene	10.70	128	1276664	40.26	ng	# 99
32) Benzoic acid	9.94	122	226288	37.62	ng	# 86
33) 4-Chloroaniline	10.81	127	511443	41.82	ng	# 82
34) Hexachlorobutadiene	10.96	225	288963	37.78	ng	# 98
35) Caprolactam	11.59	113	121255	44.11	ng	# 66
36) 4-Chloro-3-methylphenol	11.93	107	437019	42.90	ng	# 84
37) 2-Methylnaphthalene	12.30	142	896391	40.96	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	533017	38.69	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	289096	36.56	ng	# 98

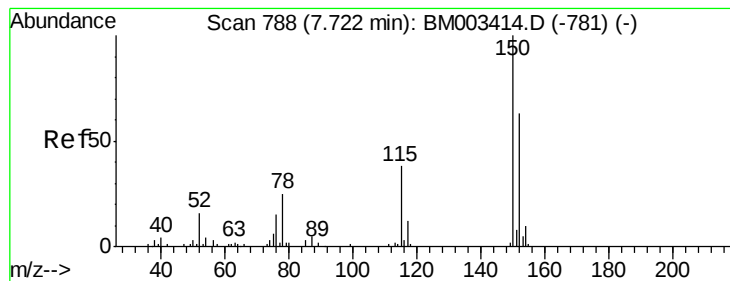
Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	320065	40.63	nq	95
43) 2,4,5-Trichlorophenol	12.99	196	358961	40.84	nq	# 91
45) 1,1'-Biphenyl	13.32	154	1221058	40.20	nq	94
46) 2-Chloronaphthalene	13.36	162	938696	39.79	nq	94
47) 2-Nitroaniline	13.58	65	375719	43.23	nq	# 75
48) Acenaphthylene	14.22	152	1611094	41.93	nq	98
49) Dimethylphthalate	13.95	163	1155637	41.24	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	259220	42.93	nq	# 70
51) Acenaphthene	14.56	154	939340	40.52	nq	98
52) 3-Nitroaniline	14.41	138	262620	44.14	nq	# 51
53) 2,4-Dinitrophenol	14.62	184	132123	35.69	nq	96
54) Dibenzofuran	14.89	168	1406011	41.01	nq	97
55) 4-Nitrophenol	14.70	139	208720	42.45	nq	# 14
56) 2,4-Dinitrotoluene	14.86	165	356953	43.69	nq	# 97
57) Fluorene	15.54	166	1280776	41.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	315360	42.42	nq	# 100
59) Diethylphthalate	15.31	149	1210606	42.59	nq	98
60) 4-Chlorophenyl-phenylether	15.53	204	662503	41.17	nq	99
61) 4-Nitroaniline	15.57	138	292882	45.33	nq	# 38
62) Azobenzene	15.83	77	1432899	43.18	nq	87
64) 4,6-Dinitro-2-methylphenol	15.62	198	217931	39.91	nq	89
65) n-Nitrosodiphenylamine	15.75	169	1068433	40.58	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	403502	40.18	nq	# 91
67) Hexachlorobenzene	16.54	284	433819	39.41	nq	# 91
68) Atrazine	16.70	200	394834	39.88	nq	95
69) Pentachlorophenol	16.89	266	266185	39.59	nq	97
70) Phenanthrene	17.28	178	2022480	40.81	nq	100
71) Anthracene	17.37	178	2083173	41.52	nq	99
72) Carbazole	17.64	167	2060738	42.88	nq	98
73) Di-n-butylphthalate	18.20	149	2125976	43.31	nq	# 97
74) Fluoranthene	19.30	202	2529102	43.08	nq	99
76) Benzidine	19.49	184	1288500	37.09	nq	98
77) Pyrene	19.66	202	2652565	40.12	nq	99
79) Butylbenzylphthalate	20.55	149	1023356	42.98	nq	# 78
80) Benzo(a)anthracene	21.40	228	2759477	40.53	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	1090713	42.78	nq	99
82) Chrysene	21.46	228	2632889	40.50	nq	100
83) Bis(2-ethylhexyl)phthalate	21.32	149	1515216	42.65	nq	99
84) Di-n-octyl phthalate	22.22	149	2630185	44.49	nq	# 90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2986289	42.12	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	2831417	41.50	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	2688755	40.98	nq	# 97
89) Benzo(a)pyrene	23.64	252	2652209	41.98	nq	97
90) Dibenzo(a,h)anthracene	26.12	278	2579994	41.69	nq	# 96
91) Benzo(g,h,i)perylene	26.84	276	2500372	41.44	nq	# 92

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

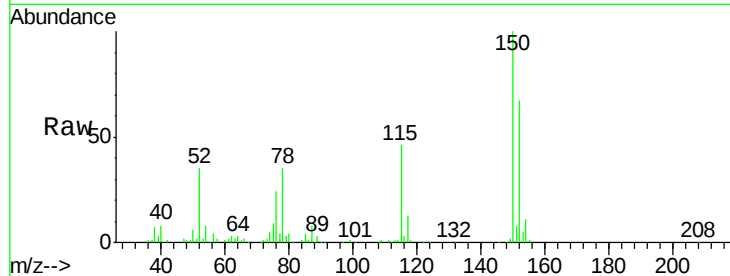


#1

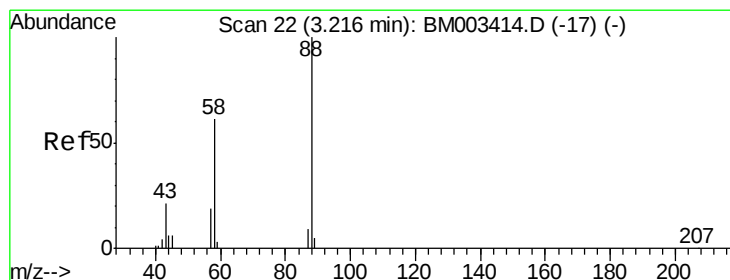
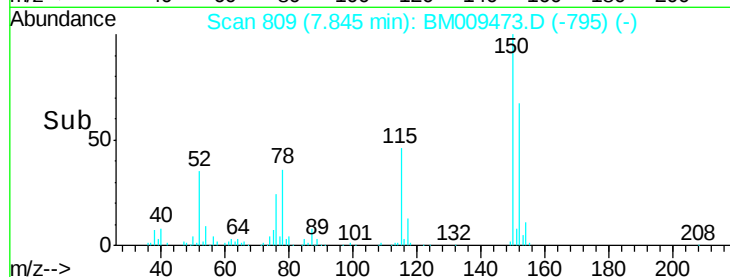
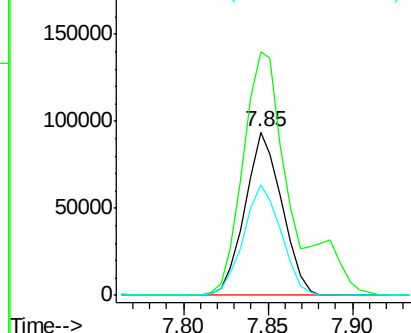
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 142446
 Ion Ratio Lower Upper
 152 100
 150 149.3 119.5 179.3
 115 68.0 43.0 64.4#



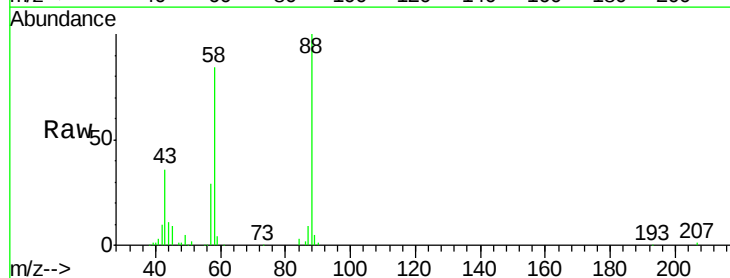
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



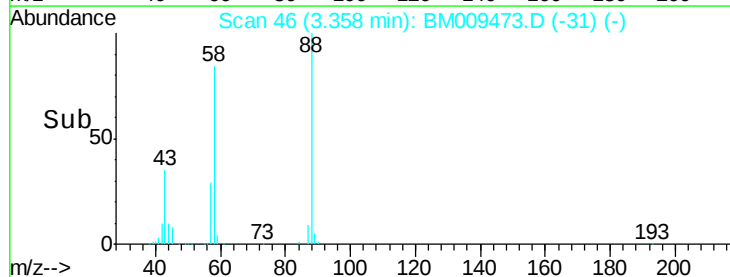
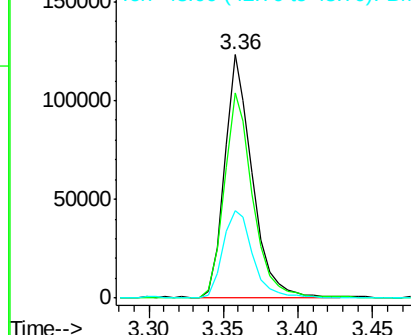
#2

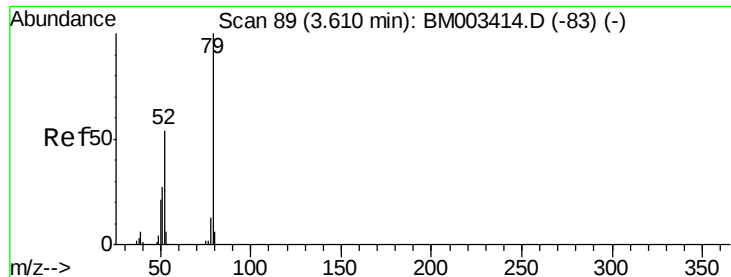
1,4-Dioxane
 Concen: 37.05 ng
 RT: 3.36 min Scan# 46
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion: 88 Resp: 159204
 Ion Ratio Lower Upper
 88 100
 58 87.9 0.0 0.0#
 43 39.5 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: 40.60 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

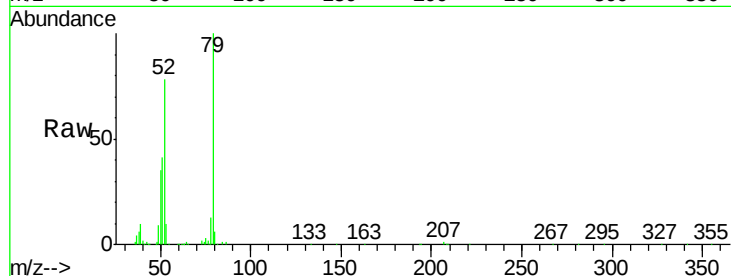
Tot Ion: 79 Resp: 493052

Ion Ratio Lower Upper

79 100

52 77.9 51.1 76.7#

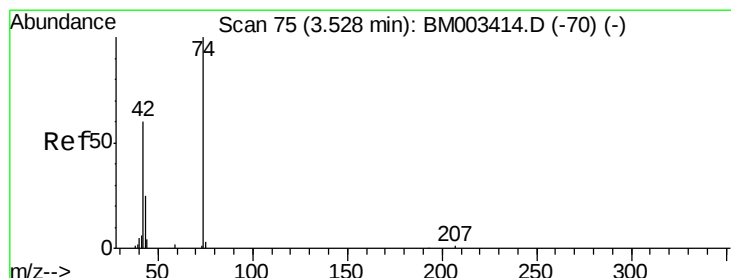
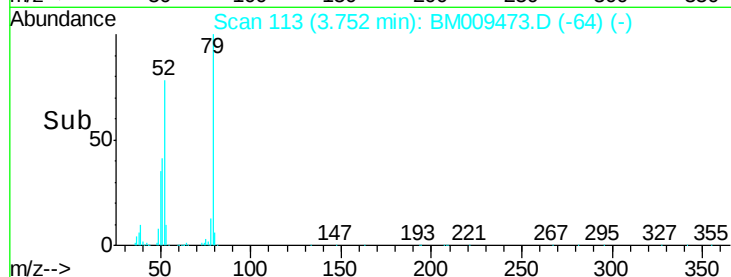
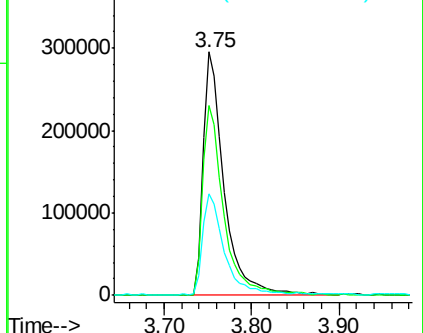
51 41.5 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM009473.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM009473.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM009473.D (-83) (-)



#4

n-Nitrosodimethylamine

Concen: 40.64 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

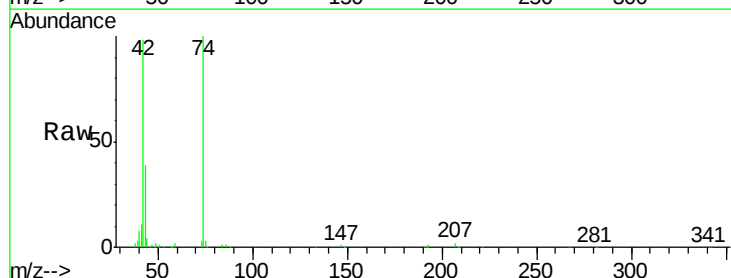
Tgt Ion: 42 Resp: 262730

Ion Ratio Lower Upper

42 100

74 102.5 119.3 178.9#

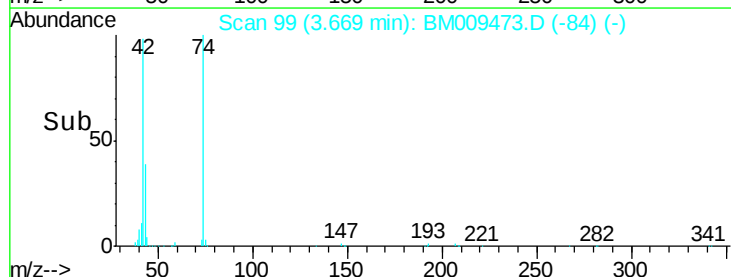
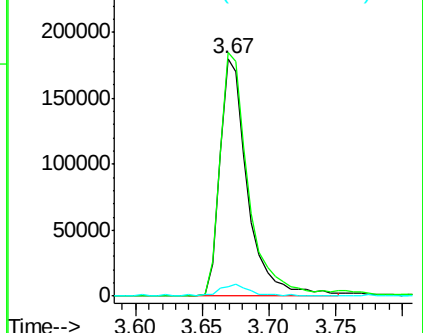
44 4.1 5.4 8.2#

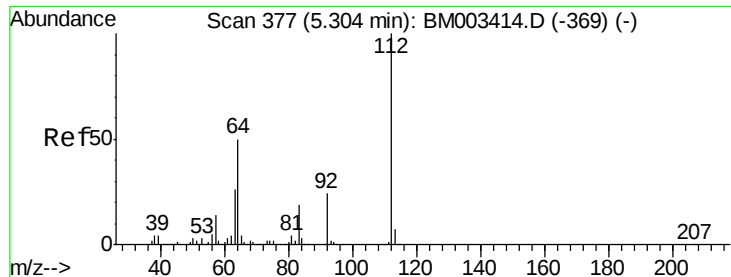


Abundance Ion 42.00 (41.70 to 42.70): BM009473.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM009473.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM009473.D (-70) (-)





#5

2-Fluorophenol

Concen: 81.59 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

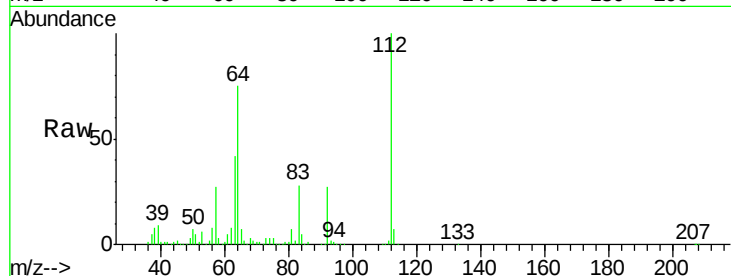
Tot Ion:112 Resp: 697232

Ion Ratio Lower Upper

112 100

64 74.9 38.6 57.8#

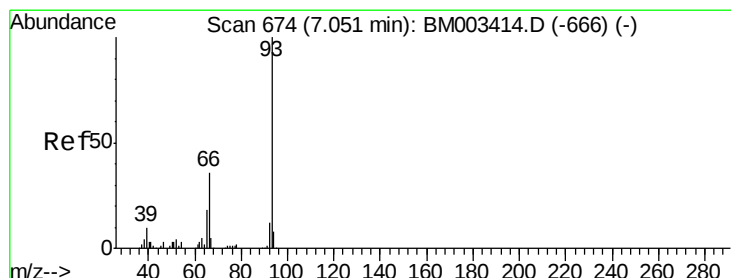
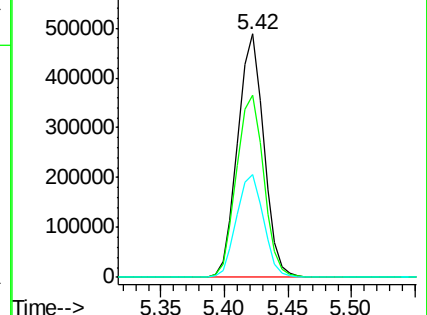
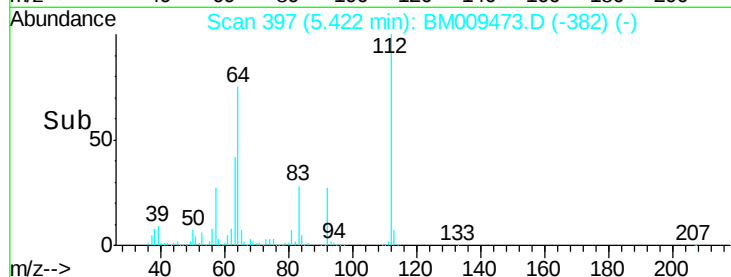
63 42.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 42.67 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

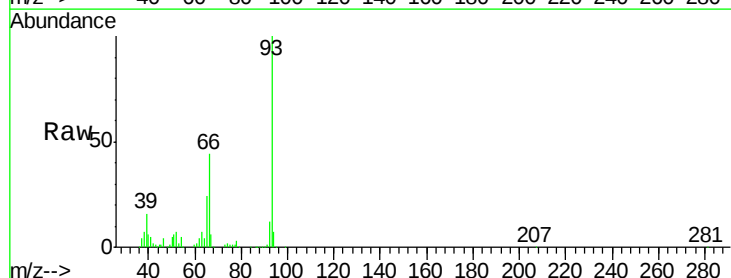
Tgt Ion: 93 Resp: 675814

Ion Ratio Lower Upper

93 100

66 44.0 30.8 46.2

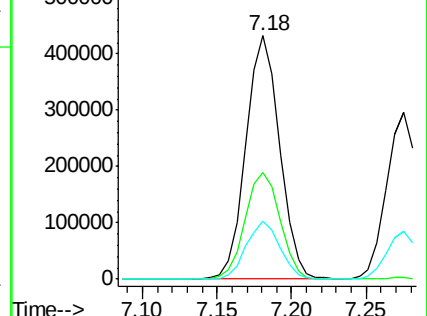
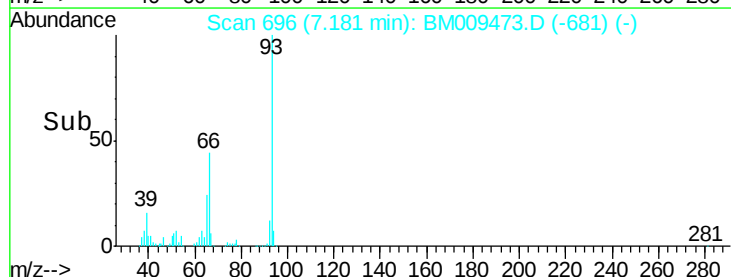
65 23.7 16.0 24.0

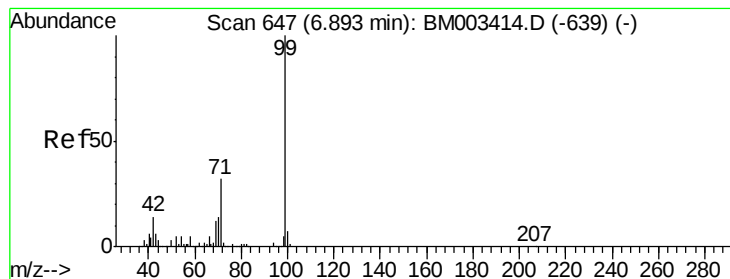


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 85.89 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

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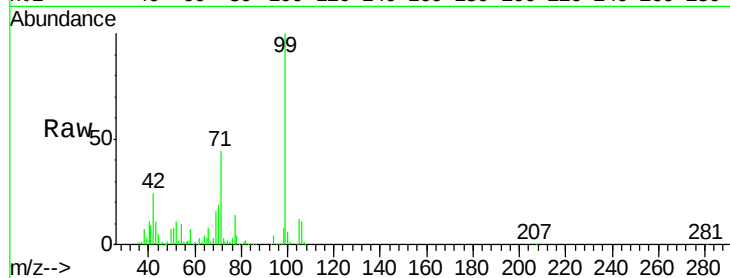
Tot Ion: 99 Resp: 1000933

Ion Ratio Lower Upper

99 100

42 24.0 11.0 16.4#

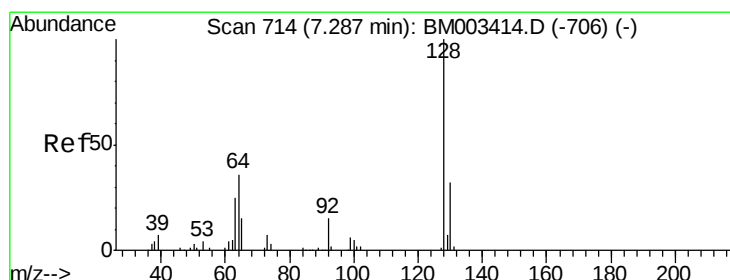
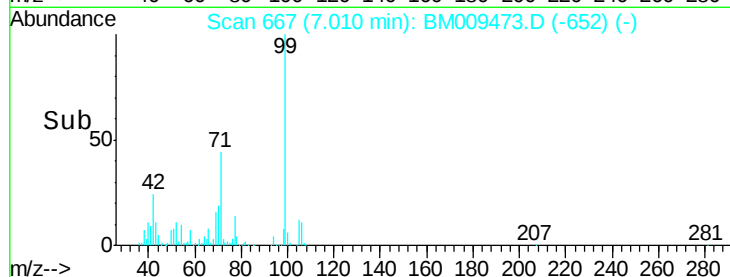
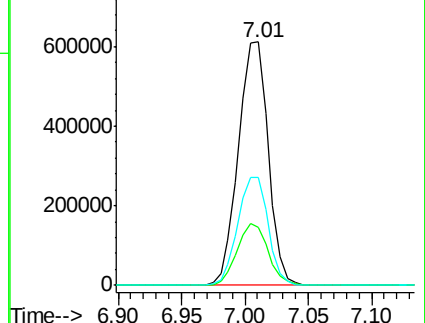
71 44.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#8

2-Chlorophenol

Concen: 42.93 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

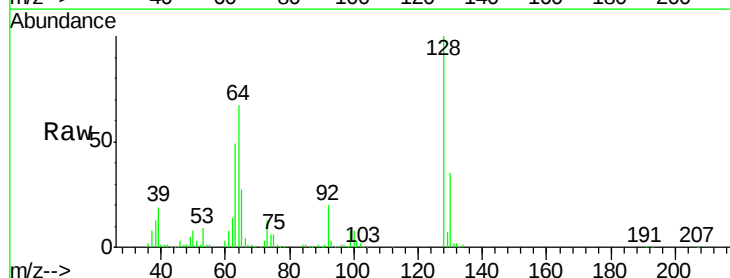
Tgt Ion: 128 Resp: 371997

Ion Ratio Lower Upper

128 100

130 34.6 12.0 52.0

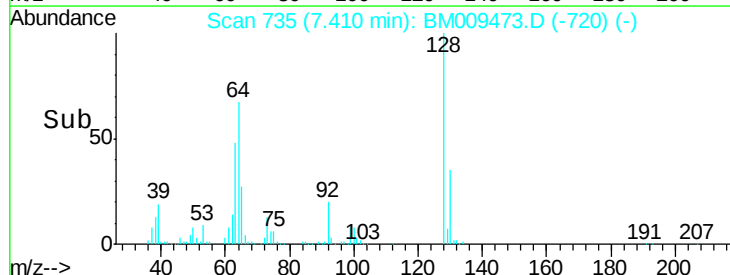
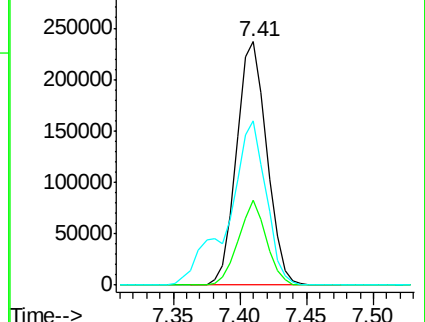
64 67.2 24.9 64.9#

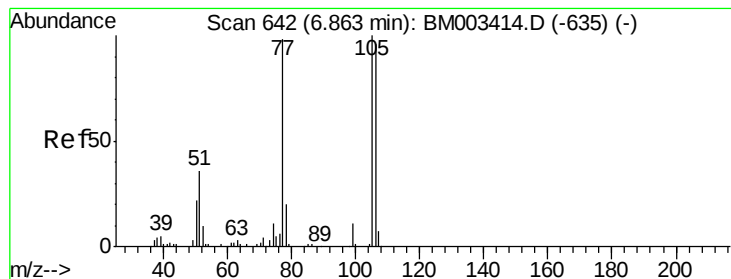


Abundance Ion 128.00 (127.70 to 128.70): BM003414.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM003414.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM003414.D (-706) (-)





#9

Benzaldehyde

Concen: 37.57 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

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SSTDCCC040

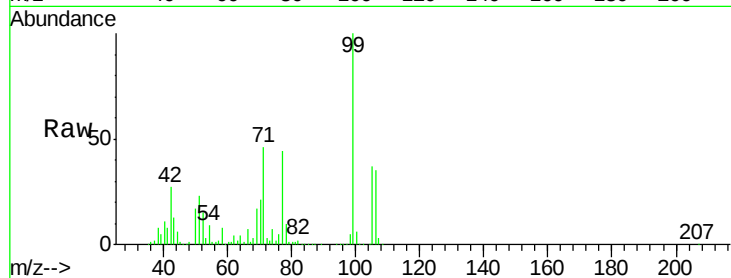
Tot Ion: 77 Resp: 344634

Ion Ratio Lower Upper

77 100

105 83.8 78.8 118.8

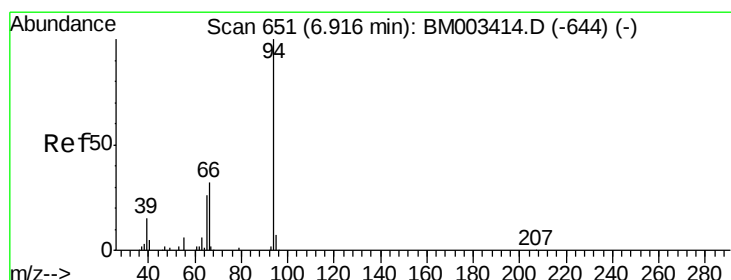
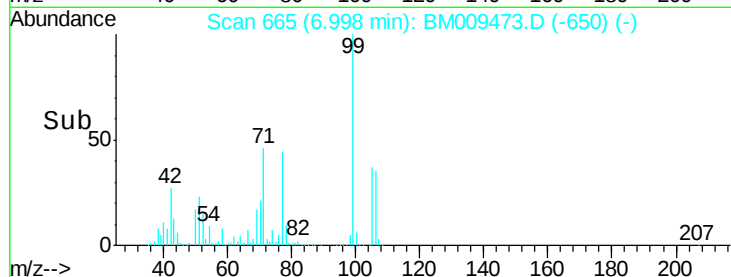
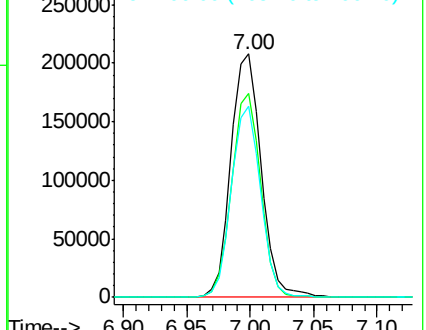
106 78.7 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM009473.D (-650) (-)

Ion 105.00 (104.70 to 105.70): BM009473.D (-650) (-)

Ion 106.00 (105.70 to 106.70): BM009473.D (-650) (-)



#10

Phenol

Concen: 42.75 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

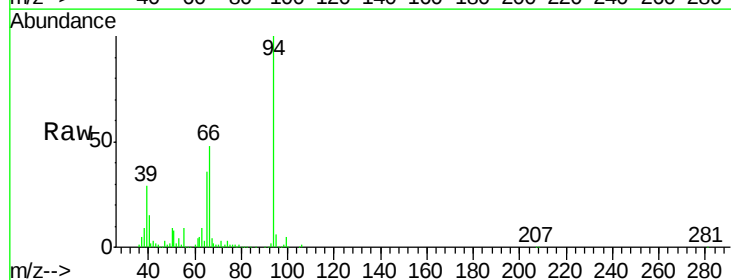
Tgt Ion: 94 Resp: 539796

Ion Ratio Lower Upper

94 100

65 35.8 18.8 58.8

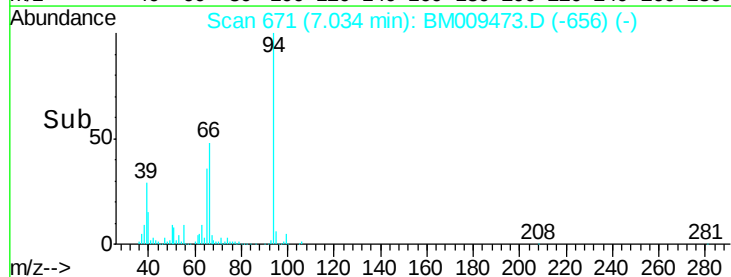
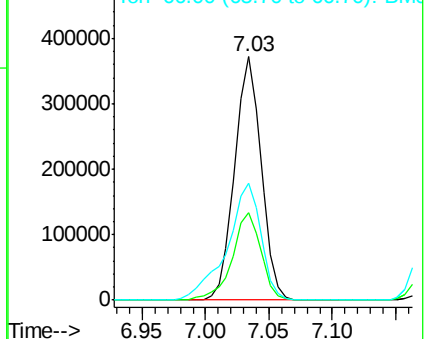
66 48.0 39.9 79.9

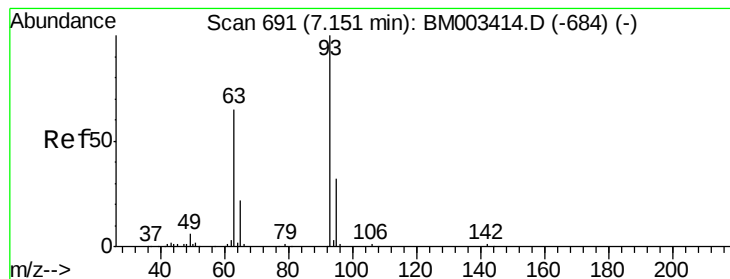


Abundance Ion 94.00 (93.70 to 94.70): BM009473.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BM009473.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BM009473.D (-656) (-)





#11

bis(2-Chloroethyl)ether

Concen: 42.05 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

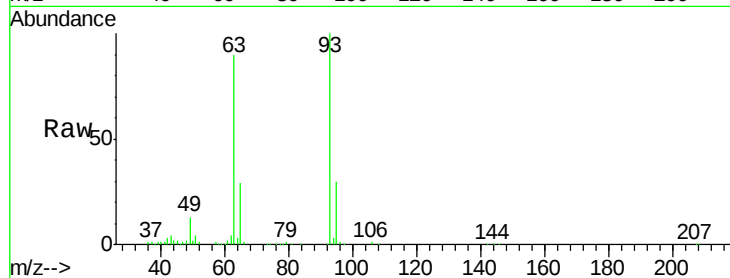
Tot Ion: 93 Resp: 435209

Ion Ratio Lower Upper

93 100

63 89.9 49.5 89.5#

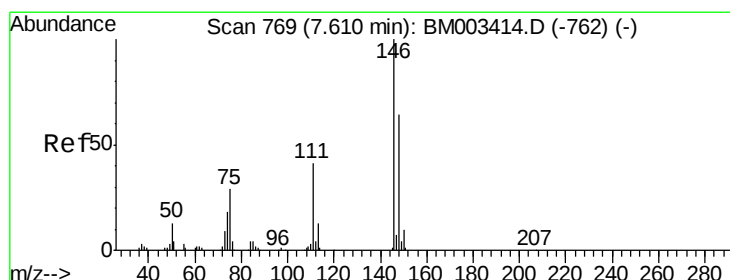
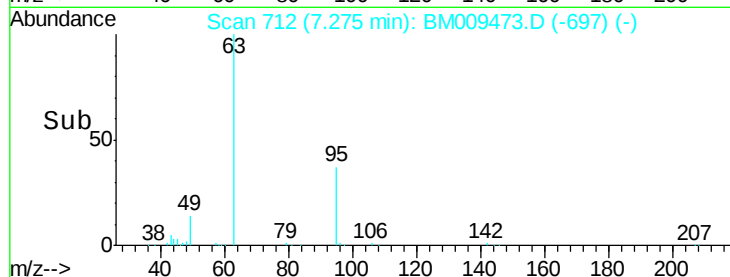
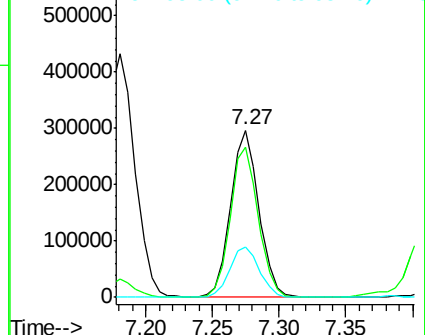
95 30.4 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM009473.D (-697) (-)

Ion 63.00 (62.70 to 63.70): BM009473.D (-697) (-)

Ion 95.00 (94.70 to 95.70): BM009473.D (-697) (-)



#12

1,3-Dichlorobenzene

Concen: 41.12 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

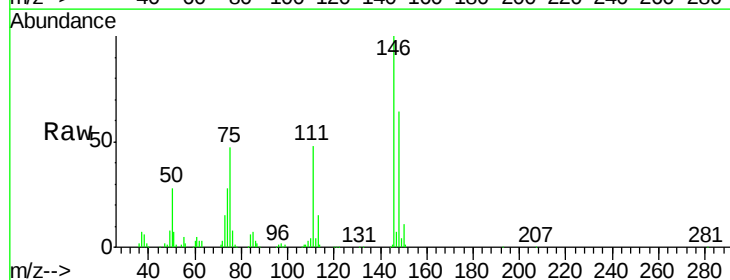
Tgt Ion: 146 Resp: 426583

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

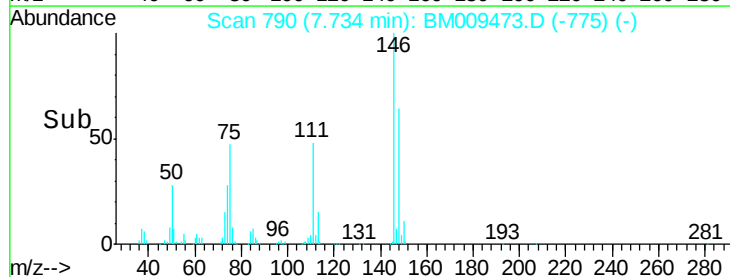
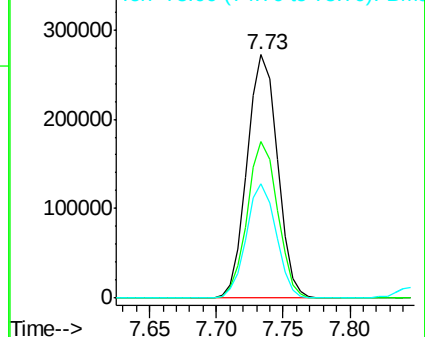
75 47.0 21.4 32.2#

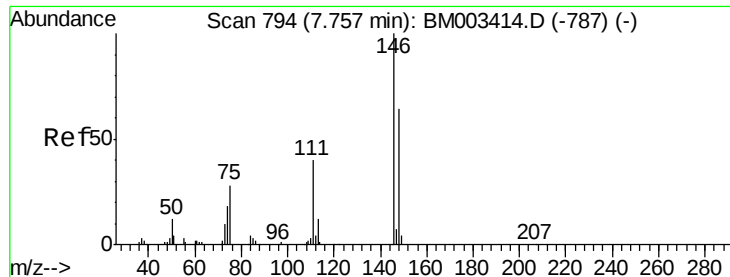


Abundance Ion 146.00 (145.70 to 146.70): BM009473.D (-775) (-)

Ion 148.00 (147.70 to 148.70): BM009473.D (-775) (-)

Ion 75.00 (74.70 to 75.70): BM009473.D (-775) (-)

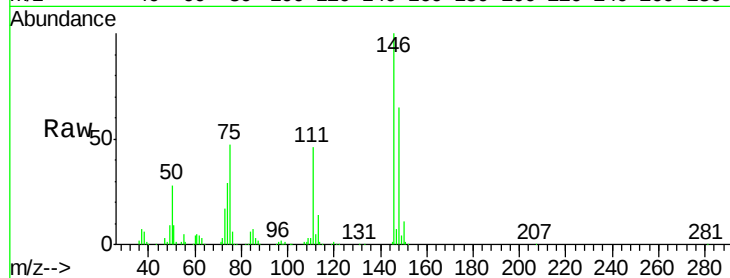




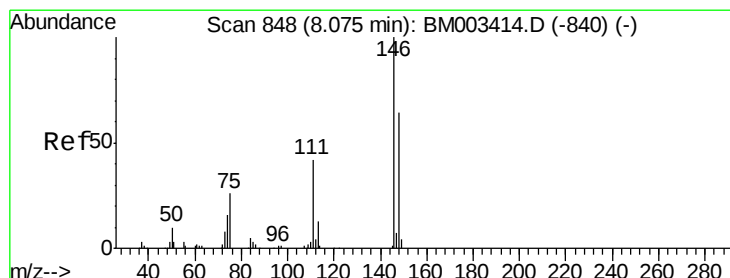
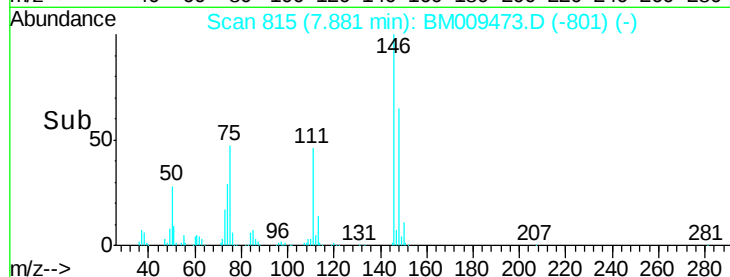
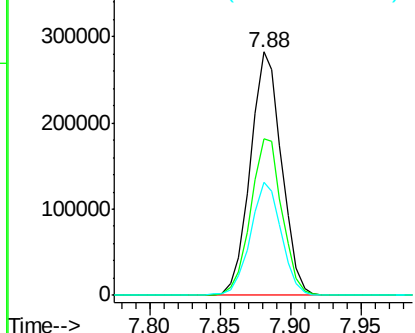
#13
 1,4-Dichlorobenzene
 Concen: 40.95 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 438977
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 46.2 29.2 43.8#

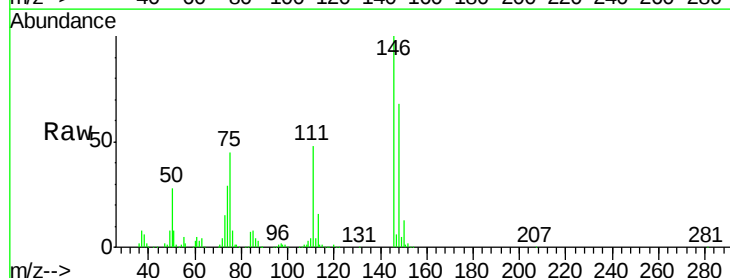


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

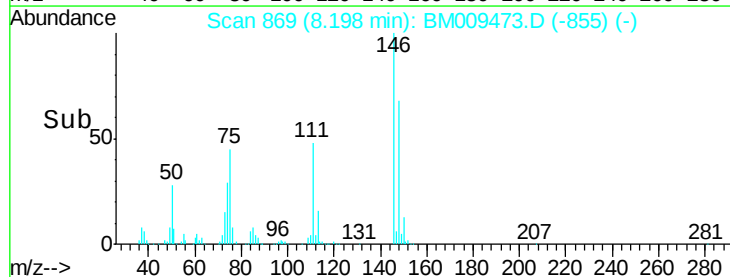
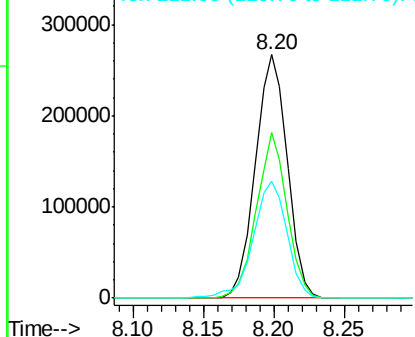


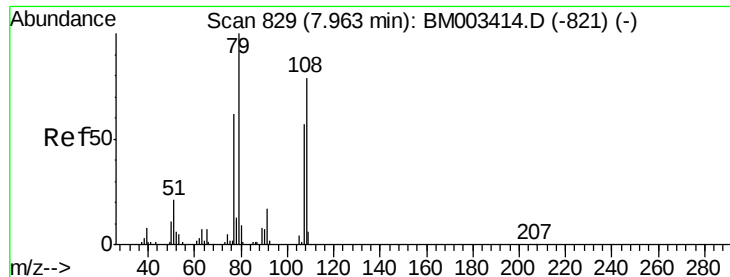
#14
 1,2-Dichlorobenzene
 Concen: 40.69 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.02 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion:146 Resp: 423594
 Ion Ratio Lower Upper
 146 100
 148 68.1 52.3 78.5
 111 48.1 30.6 45.8#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.61 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

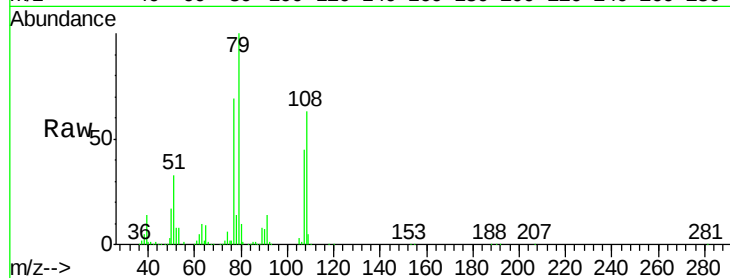
Tot Ion: 79 Resp: 434151

Ion Ratio Lower Upper

79 100

108 63.2 65.0 97.4#

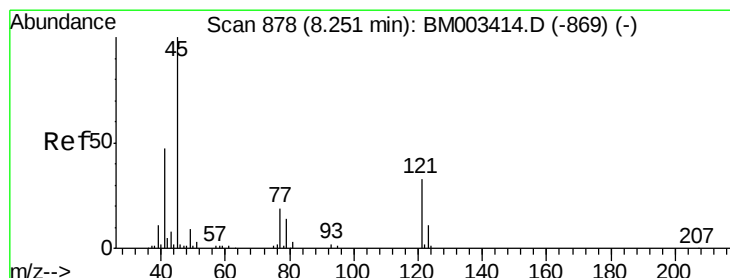
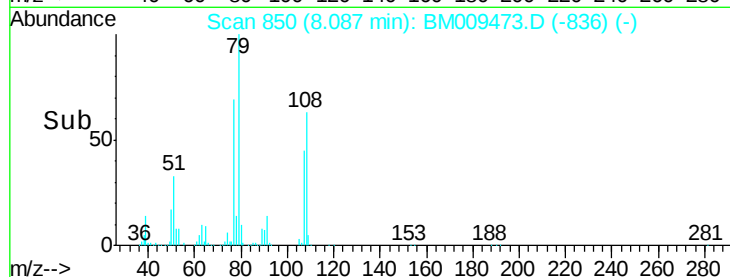
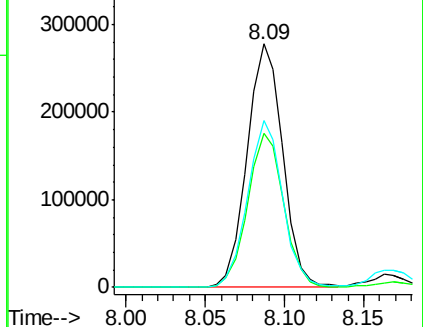
77 68.7 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM009473.D (-836) (-)

Ion 108.00 (107.70 to 108.70): BM009473.D (-836) (-)

Ion 77.00 (76.70 to 77.70): BM009473.D (-836) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.29 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

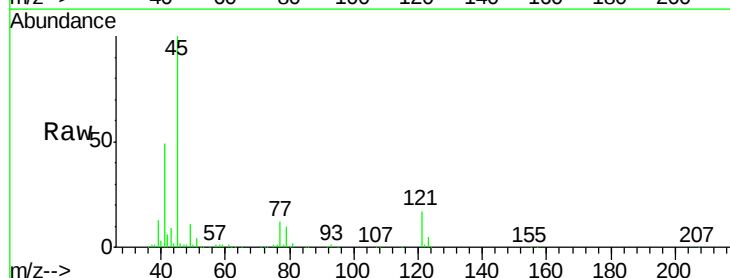
Tgt Ion: 45 Resp: 742830

Ion Ratio Lower Upper

45 100

77 12.0 0.0 35.2

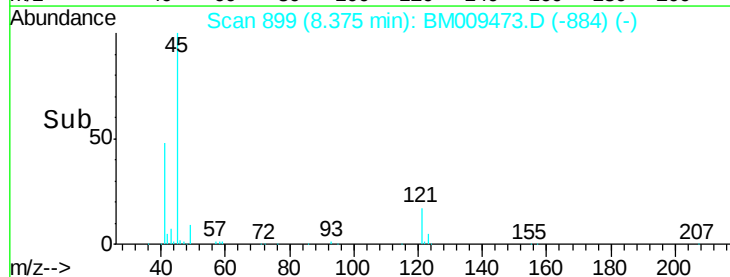
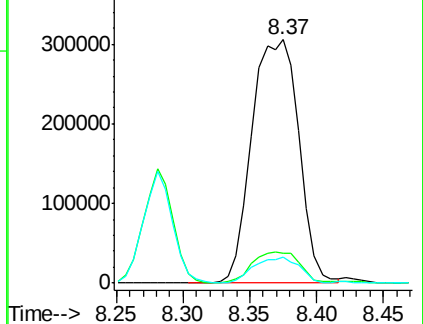
79 10.5 0.0 32.0

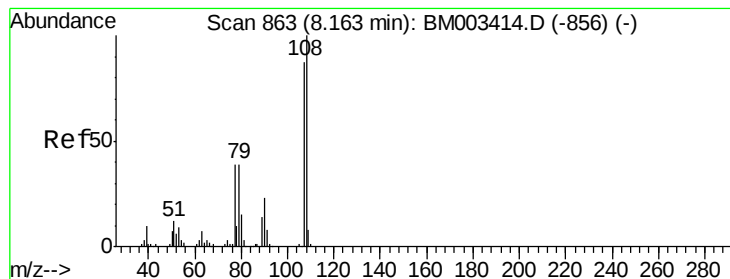


Abundance Ion 45.00 (44.70 to 45.70): BM009473.D (-884) (-)

Ion 77.00 (76.70 to 77.70): BM009473.D (-884) (-)

Ion 79.00 (78.70 to 79.70): BM009473.D (-884) (-)

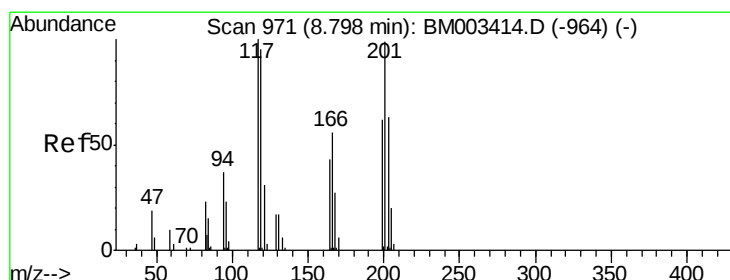
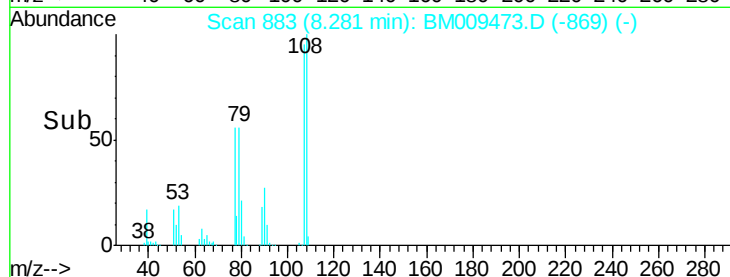
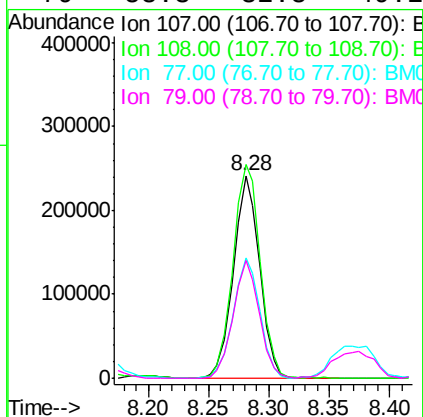
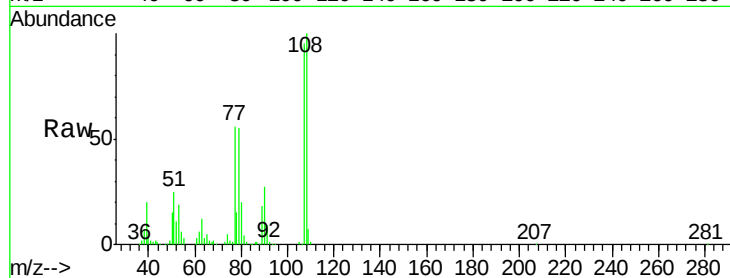




#17
2-Methylphenol
Concen: 44.14 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

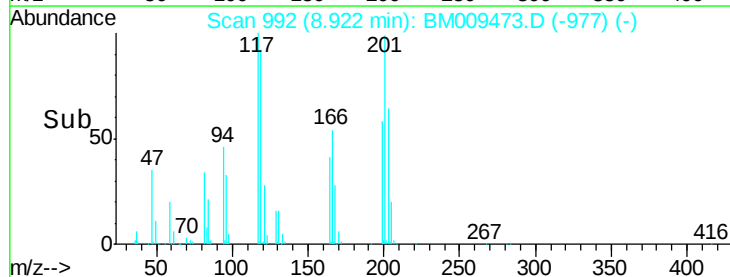
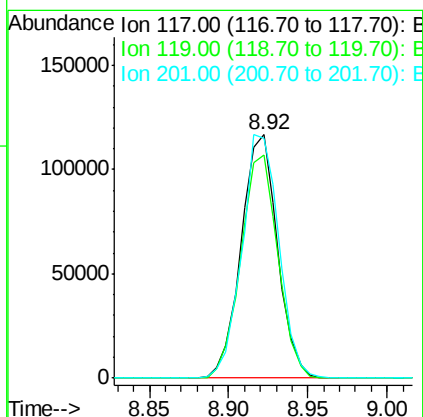
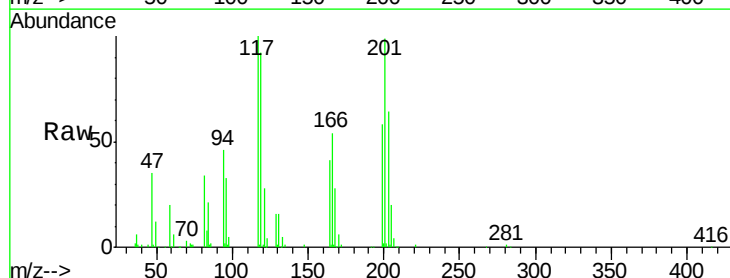
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

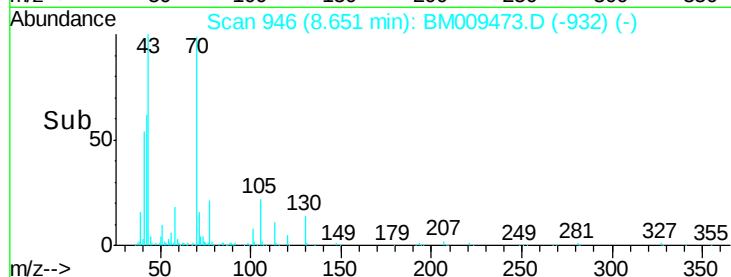
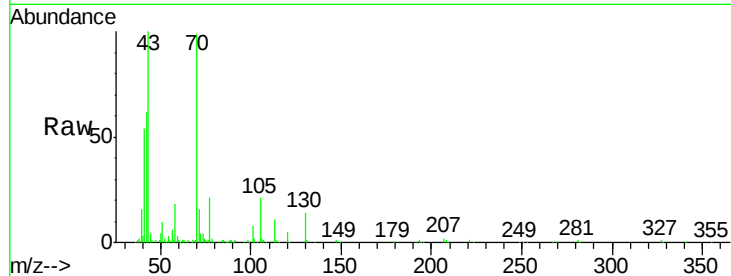
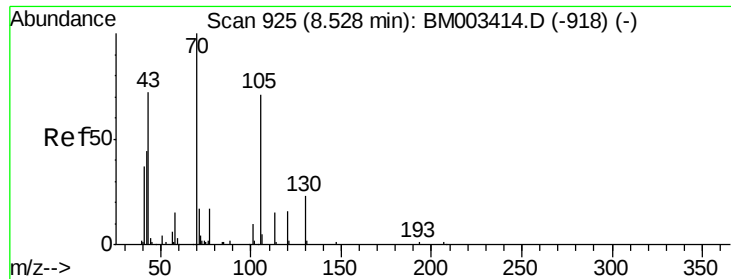
Tot Ion	Ratio	Lower	Upper
107	100		
108	105.6	89.8	134.8
77	59.4	32.6	48.8#
79	58.3	32.8	49.2#



#18
Hexachloroethane
Concen: 42.32 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	79.2	118.8
201	98.7	69.8	104.6

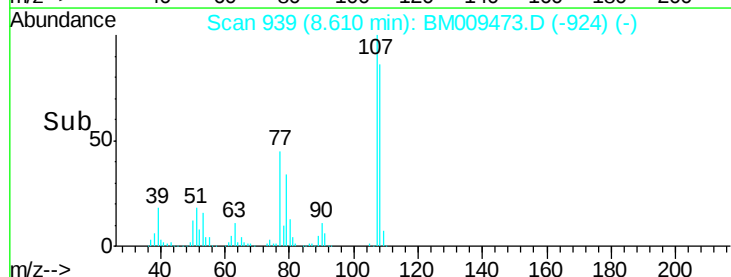
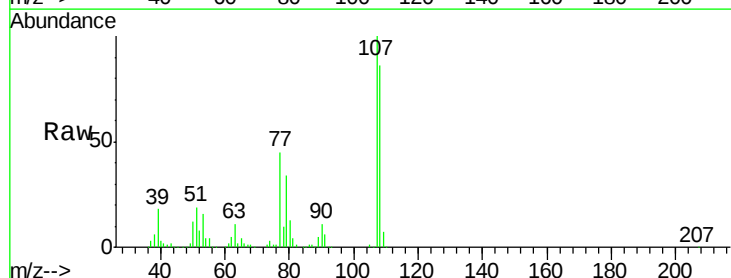
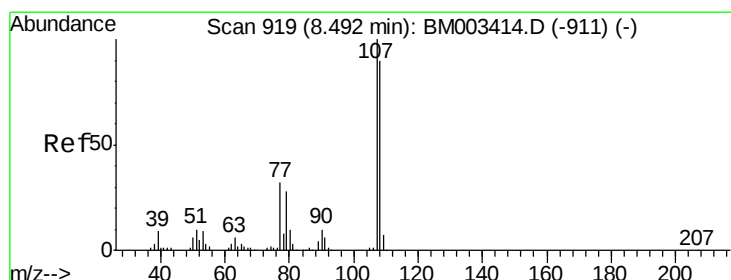
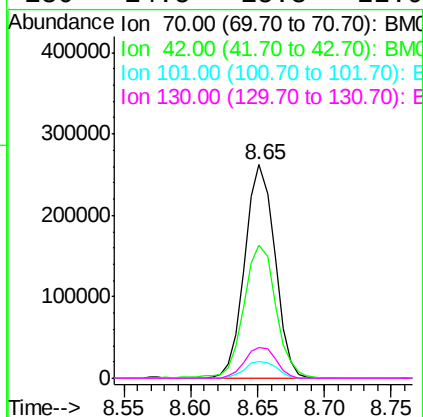




#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

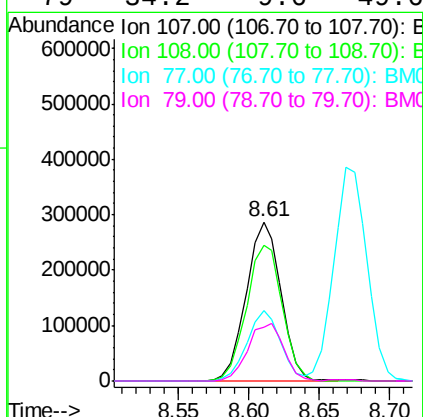
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

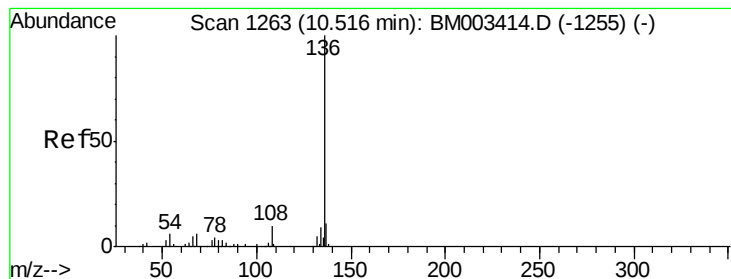
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.5	44.5	66.7	
101	8.1	7.4	11.2	
130	14.5	15.3	22.9	



#20
3+4-Methylphenols
Concen: 44.17 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	73.2	113.2	
77	44.7	10.7	50.7	
79	34.2	9.6	49.6	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 597379

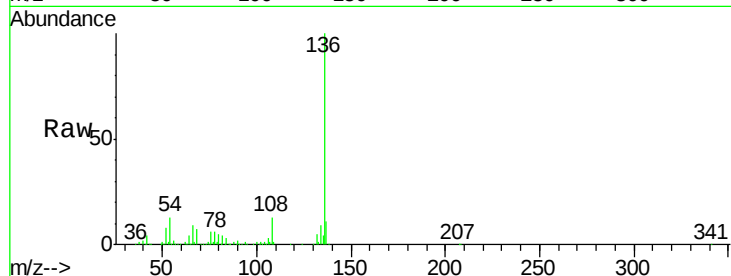
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 13.1 4.6 6.8#

68 7.1 3.7 5.5#

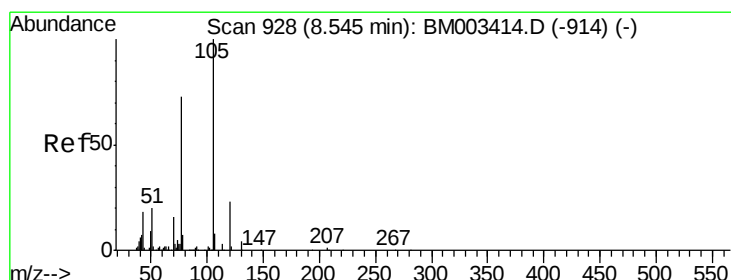
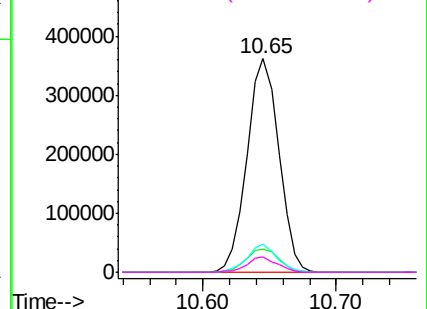
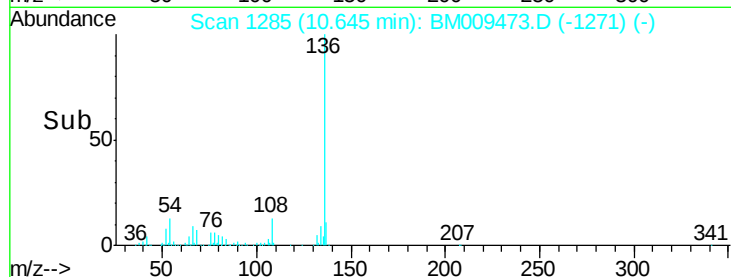


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.31 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Tgt Ion:105 Resp: 679070

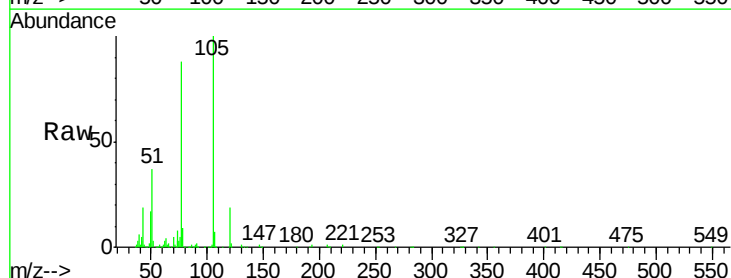
Ion Ratio Lower Upper

105 100

71 0.8 0.6 1.0

51 37.1 21.6 32.4#

120 19.2 16.1 24.1

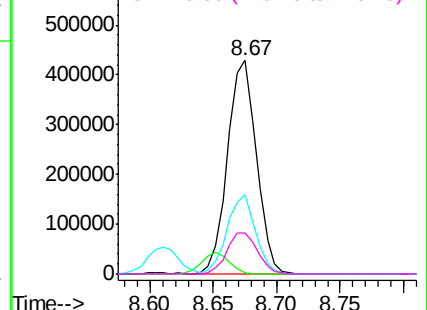
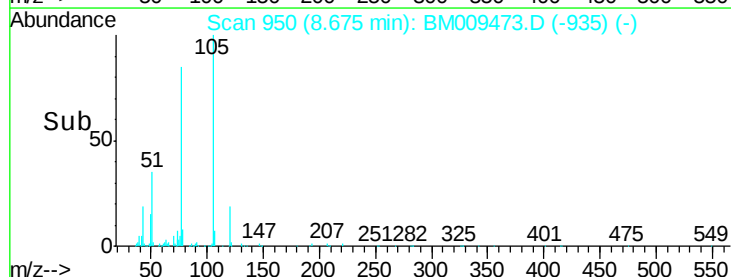


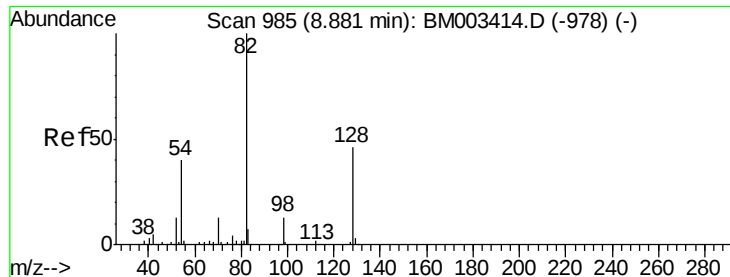
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

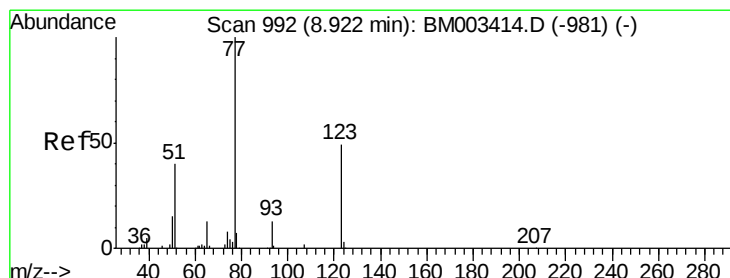
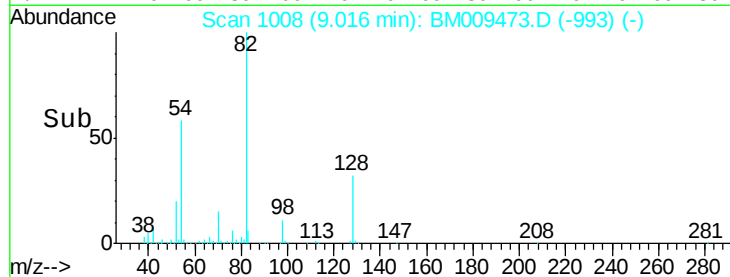
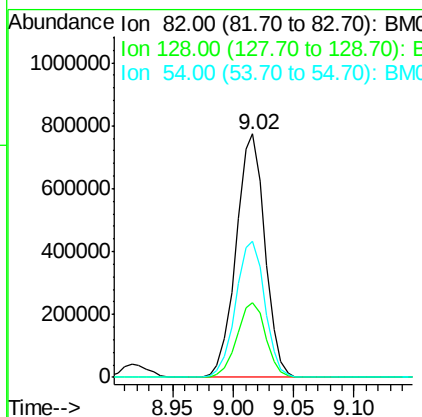
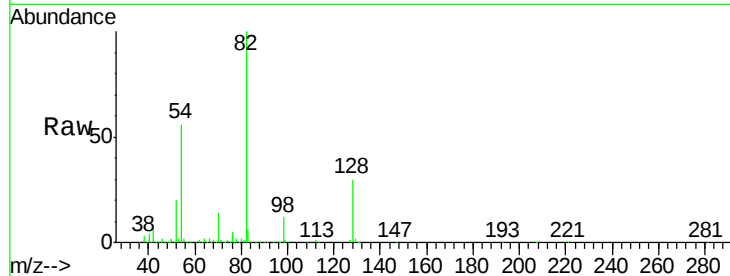




#23
 Nitrobenzene-d5
 Concen: 80.90 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

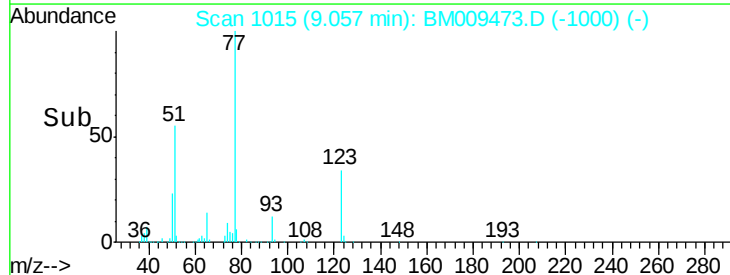
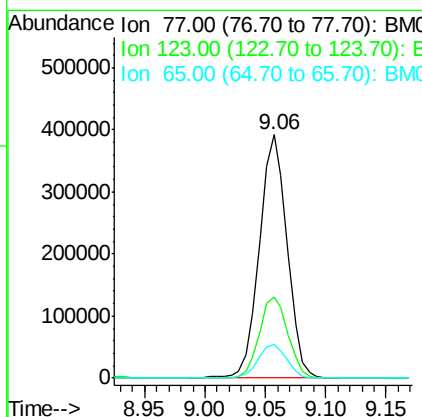
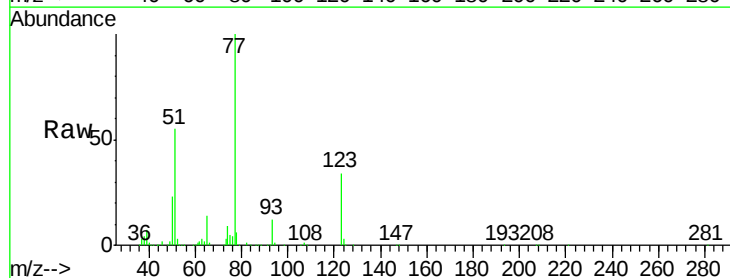
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

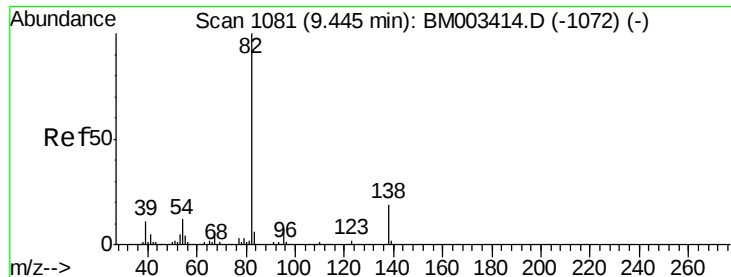
Tot Ion: 82 Resp: 1288890
 Ion Ratio Lower Upper
 82 100
 128 30.5 32.8 49.2#
 54 55.7 40.6 60.8



#24
 Nitrobenzene
 Concen: 40.02 ng
 RT: 9.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion: 77 Resp: 624628
 Ion Ratio Lower Upper
 77 100
 123 33.5 32.6 49.0
 65 13.9 10.9 16.3





#25

Isophorone

Concen: 41.63 ng

RT: 9.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

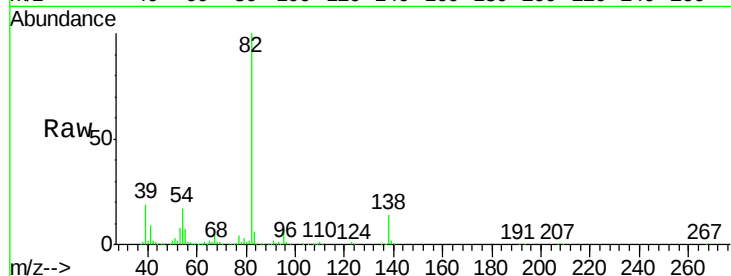
Tot Ion: 82 Resp: 1011749

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

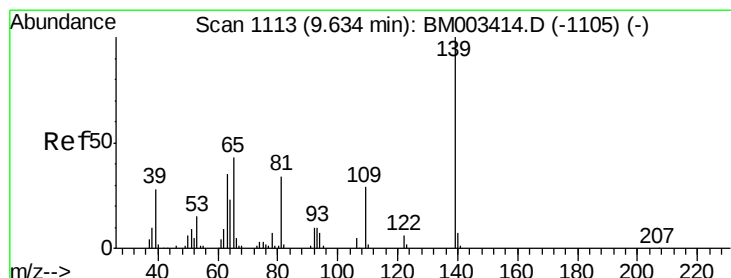
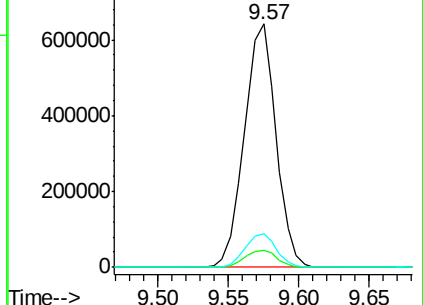
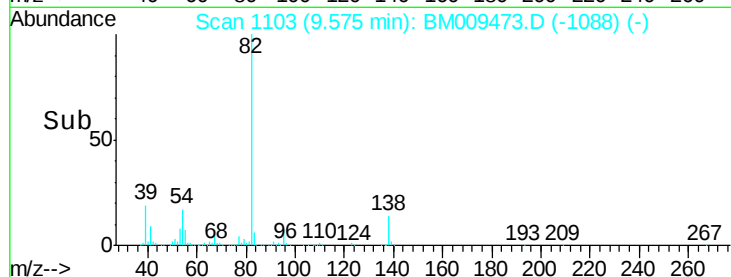
138 14.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM009473.D (-1088) (-)

Ion 95.00 (94.70 to 95.70): BM009473.D (-1088) (-)

Ion 138.00 (137.70 to 138.70): BM009473.D (-1088) (-)



#26

2-Nitrophenol

Concen: 40.70 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

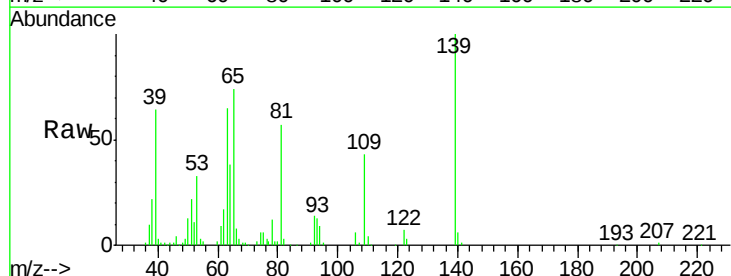
Tgt Ion: 139 Resp: 191611

Ion Ratio Lower Upper

139 100

109 43.5 20.1 30.1#

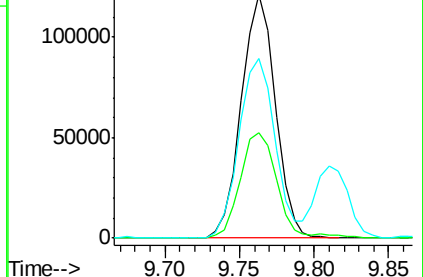
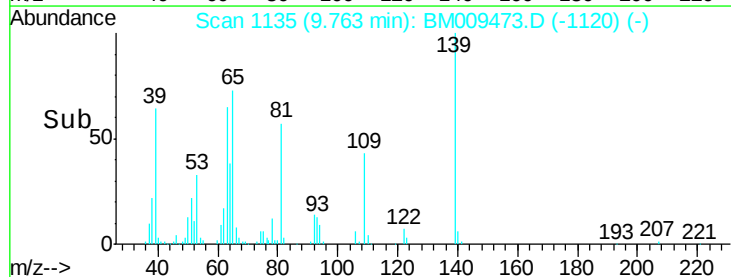
65 73.8 31.5 47.3#

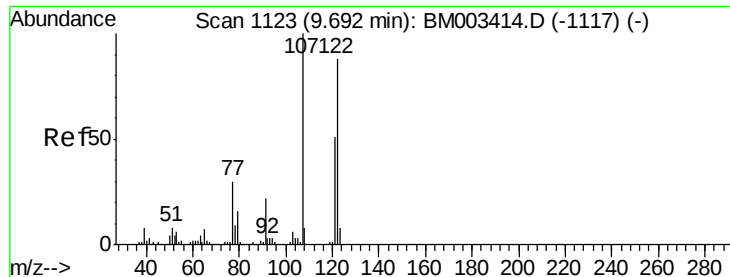


Abundance Ion 139.00 (138.70 to 139.70): BM009473.D (-1120) (-)

Ion 109.00 (108.70 to 109.70): BM009473.D (-1120) (-)

Ion 65.00 (64.70 to 65.70): BM009473.D (-1120) (-)

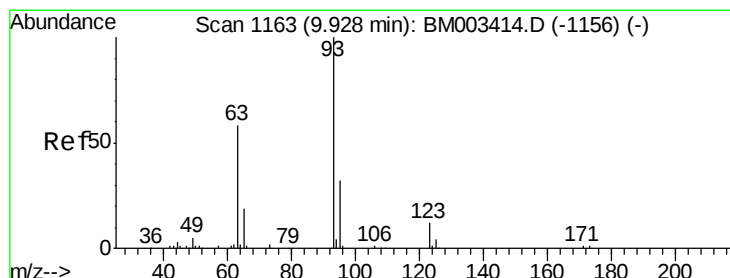
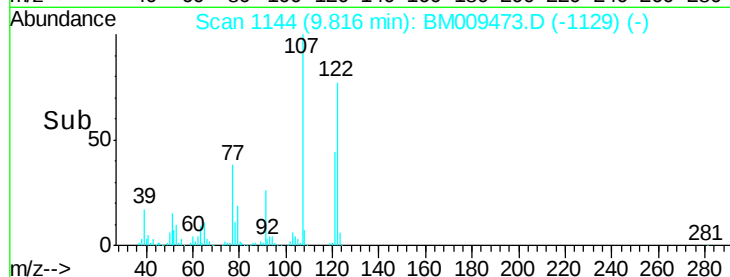
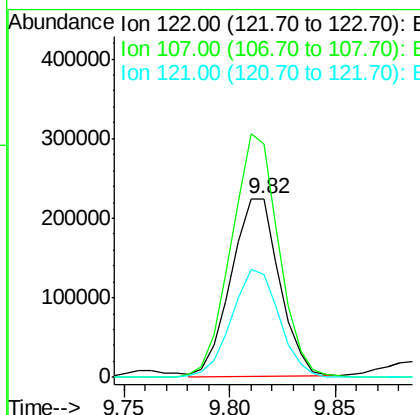
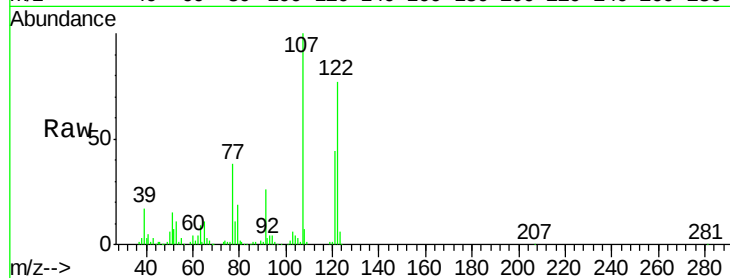




#27
2,4-Dimethylphenol
Concen: 41.20 ng
RT: 9.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

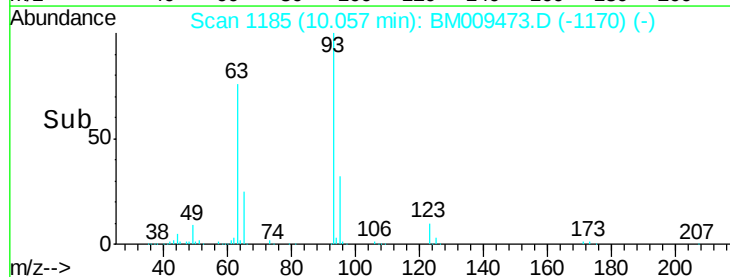
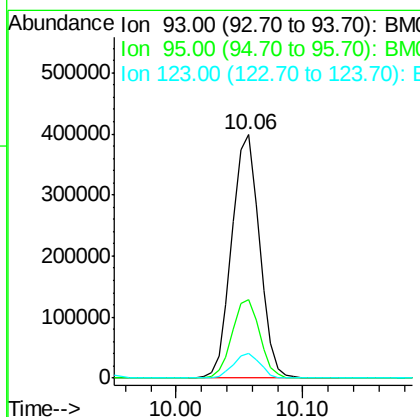
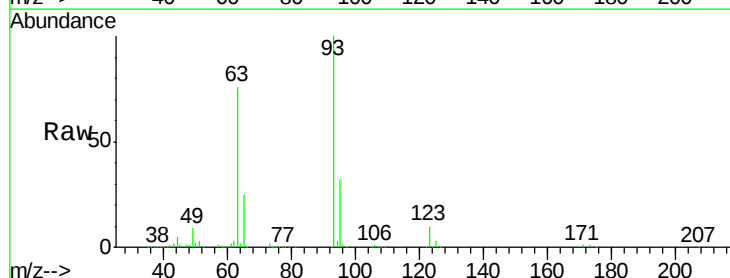
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

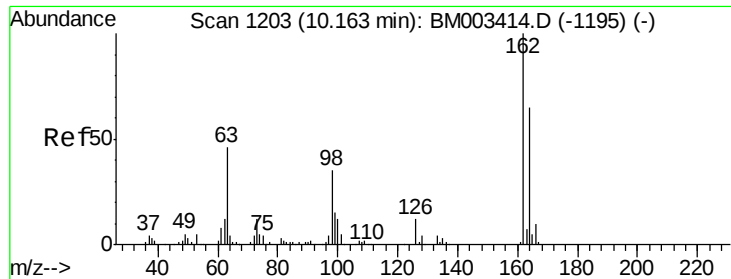
Tot Ion:122 Resp: 354796
Ion Ratio Lower Upper
122 100
107 130.6 84.7 127.1#
121 57.4 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.07 ng
RT: 10.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion: 93 Resp: 603043
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 10.2 8.6 13.0

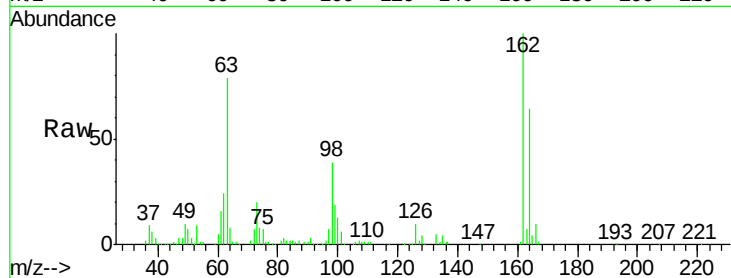




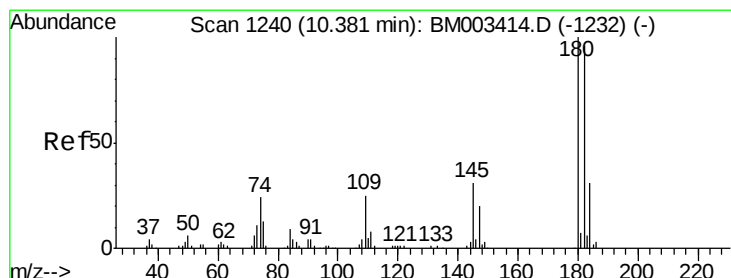
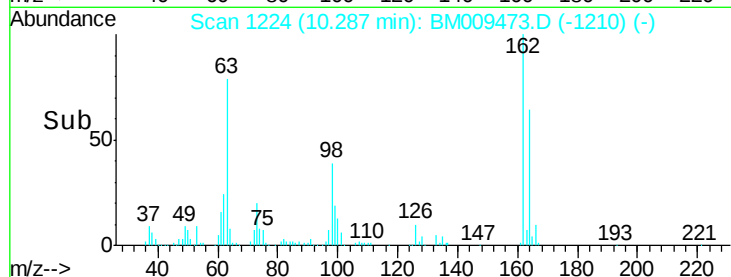
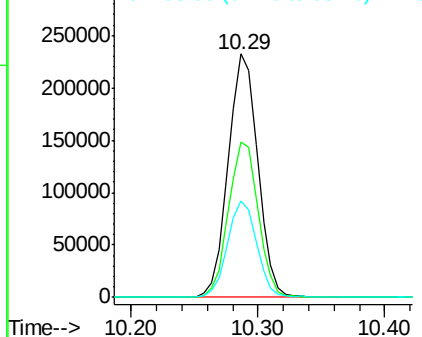
#29
 2,4-Dichlorophenol
 Concen: 41.76 ng
 RT: 10.29 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 376009
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.8 82.8
 98 39.4 14.5 54.5

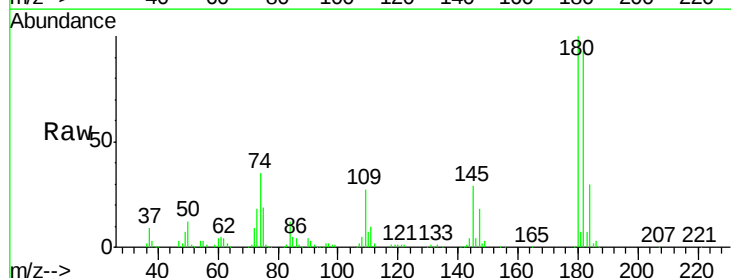


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

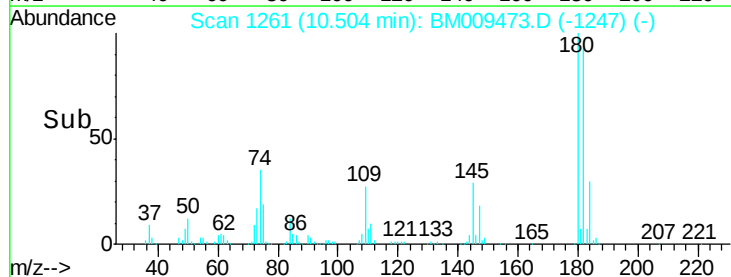
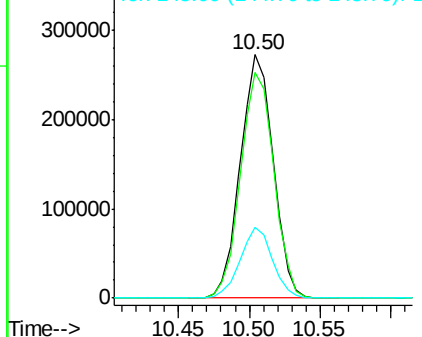


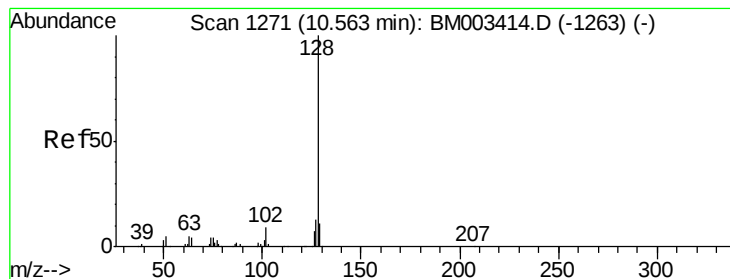
#30
 1,2,4-Trichlorobenzene
 Concen: 39.89 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion:180 Resp: 445568
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.6 116.4
 145 29.2 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: 40.26 ng

RT: 10.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

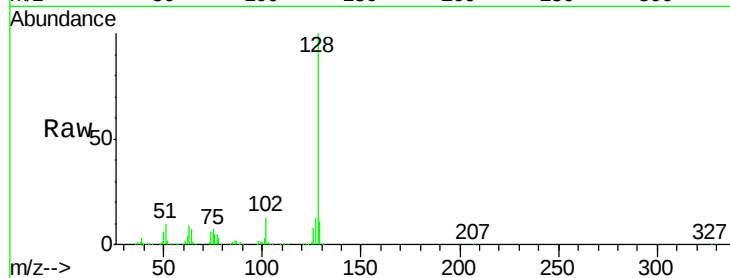
Tot Ion:128 Resp: 1276664

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

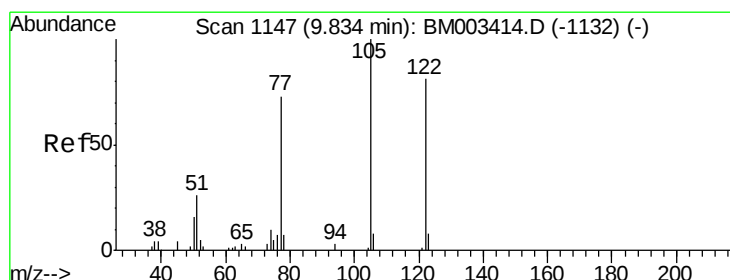
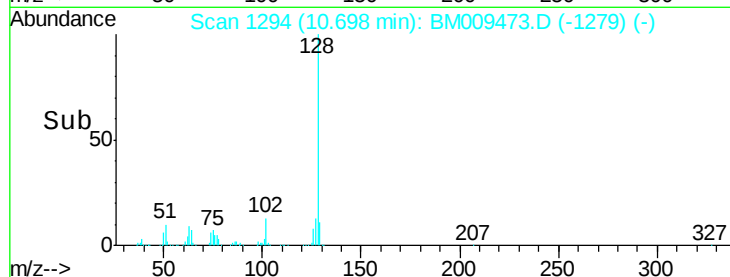
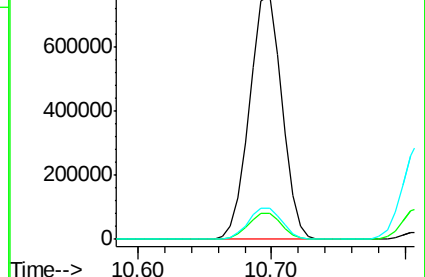
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.62 ng

RT: 9.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

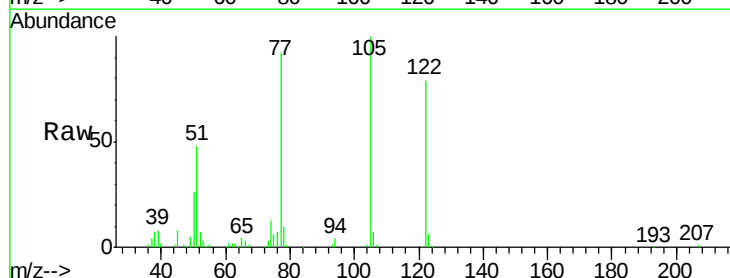
Tgt Ion:122 Resp: 226288

Ion Ratio Lower Upper

122 100

105 126.7 99.9 139.9

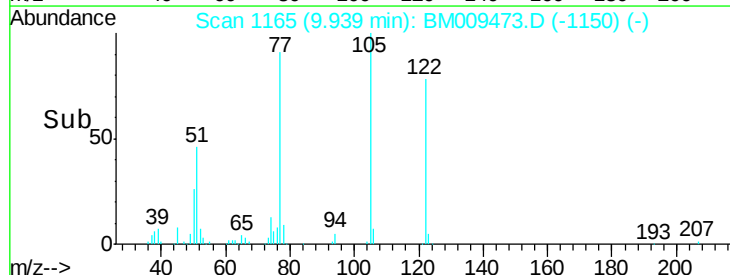
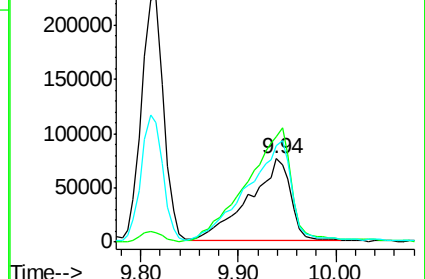
77 116.4 73.7 113.7#

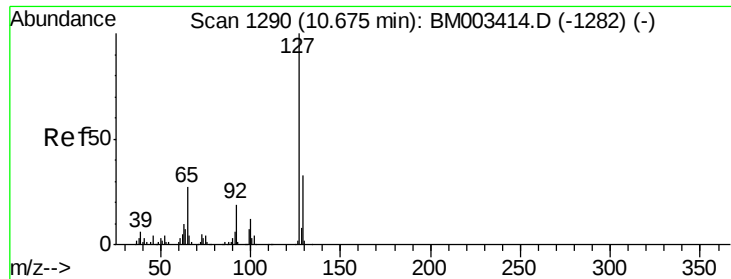


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

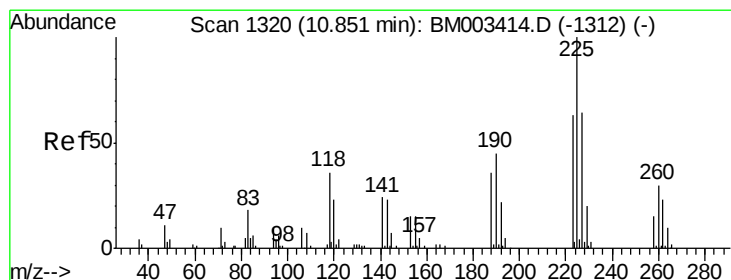
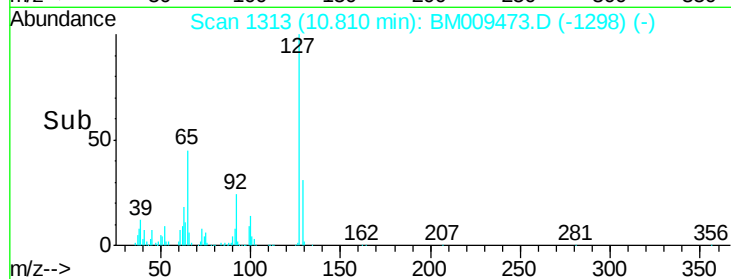
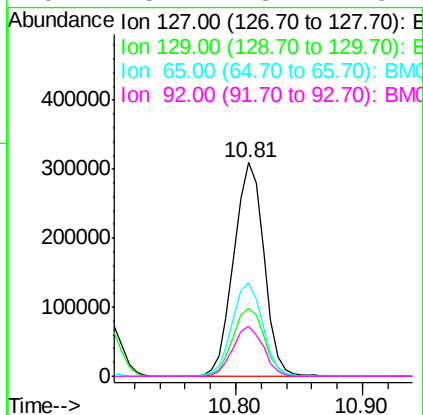
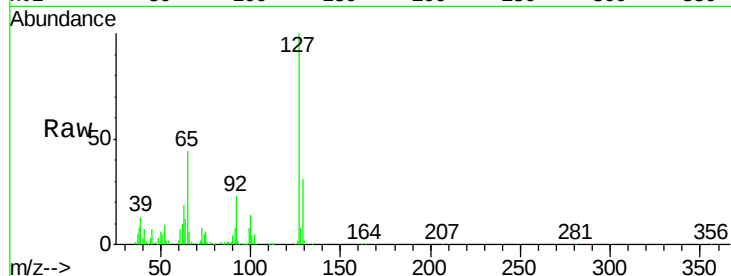




#33
4-Chloroaniline
Concen: 41.82 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

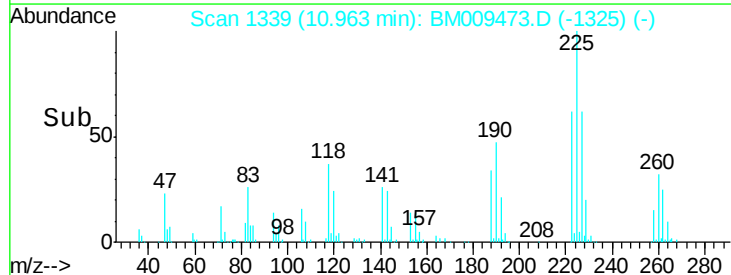
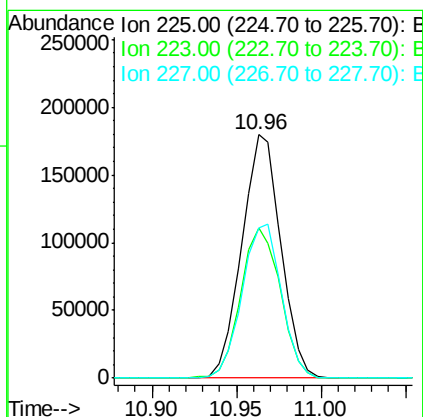
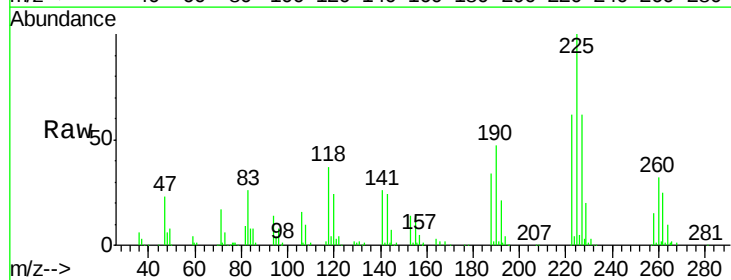
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

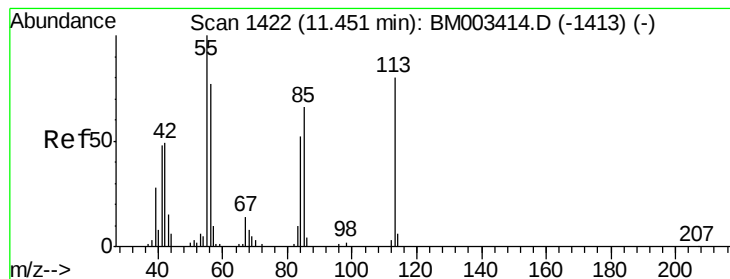
Tot Ion:127 Resp: 511443
Ion Ratio Lower Upper
127 100
129 31.5 25.3 37.9
65 43.8 17.6 26.4#
92 23.4 13.1 19.7#



#34
Hexachlorobutadiene
Concen: 37.78 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:225 Resp: 288963
Ion Ratio Lower Upper
225 100
223 61.7 47.9 71.9
227 61.7 50.1 75.1





#35

Caprolactam

Concen: 44.11 ng

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

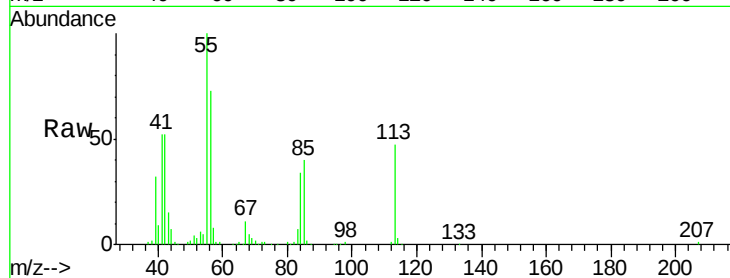
Tot Ion:113 Resp: 121255

Ion Ratio Lower Upper

113 100

55 215.0 145.9 185.9#

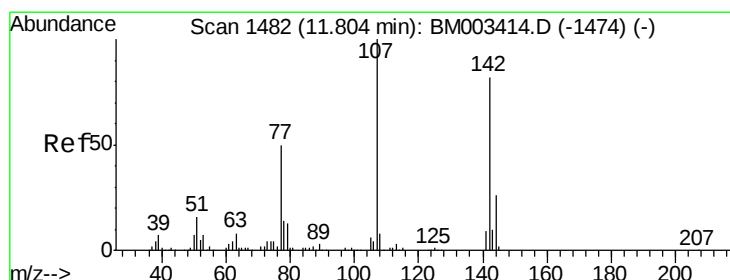
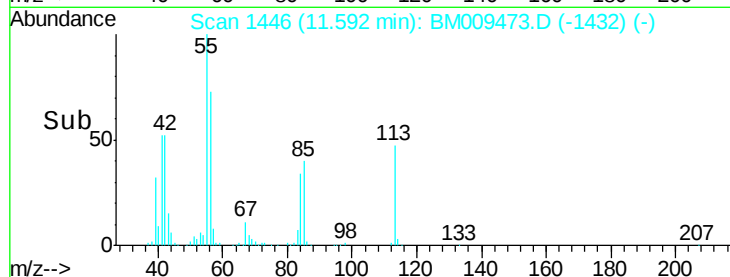
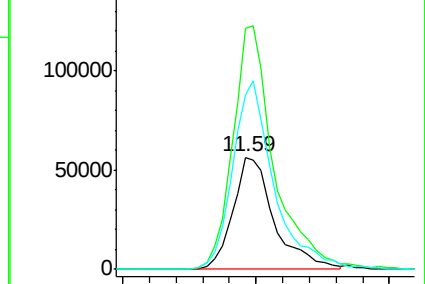
56 156.0 101.0 141.0#



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: 42.90 ng

RT: 11.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

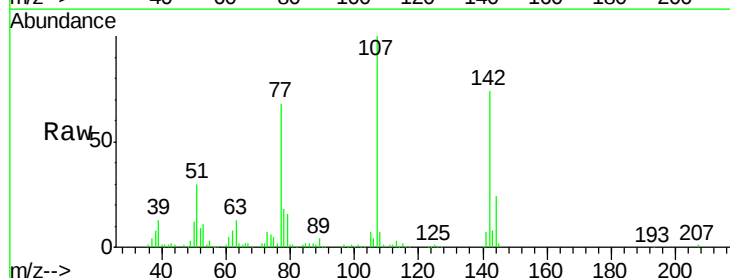
Tgt Ion:107 Resp: 437019

Ion Ratio Lower Upper

107 100

144 23.9 23.3 34.9

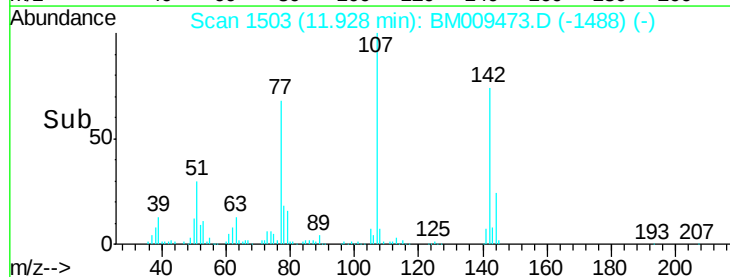
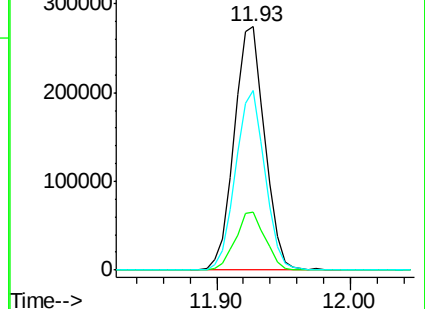
142 73.7 72.6 109.0

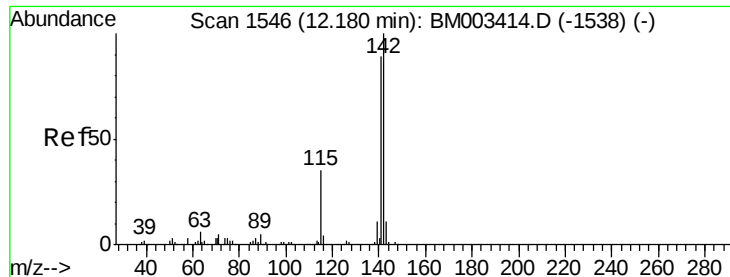


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

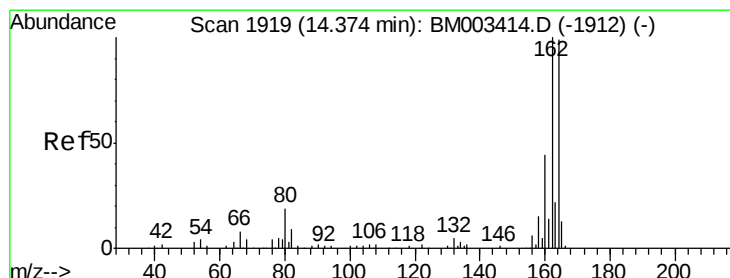
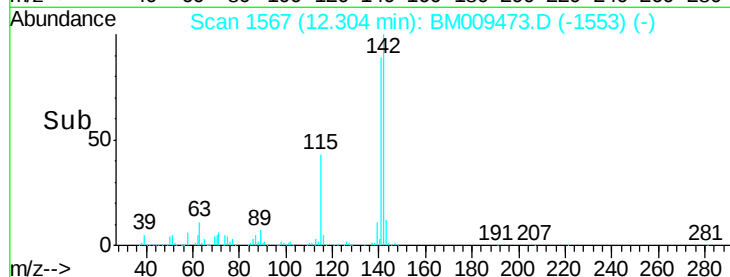
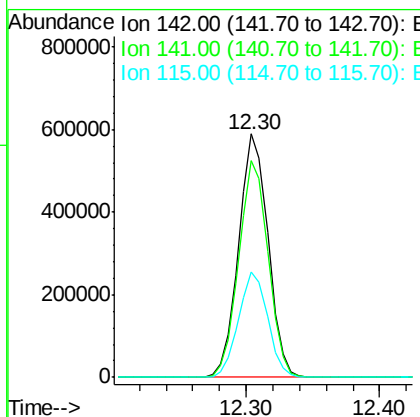
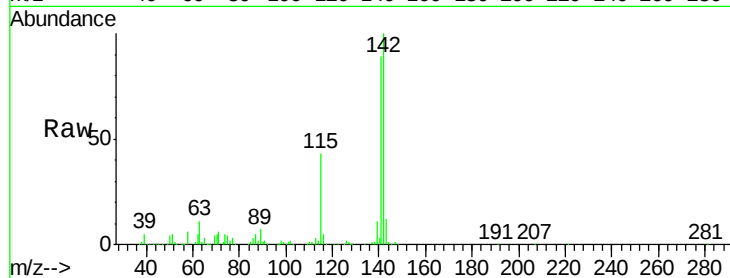




#37
2-Methylnaphthalene
Concen: 40.96 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

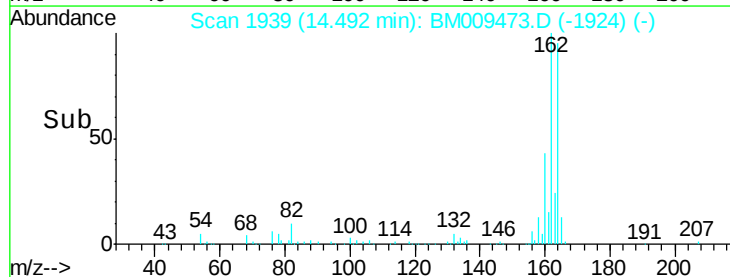
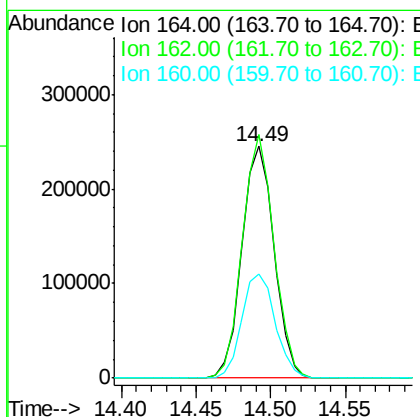
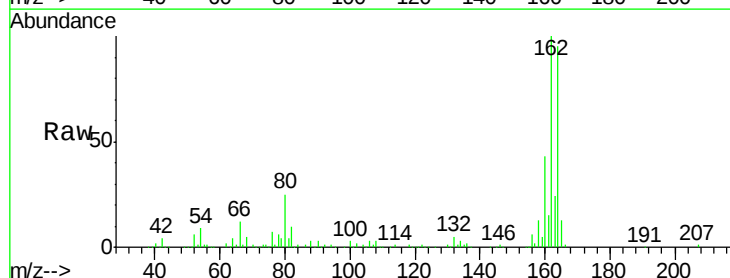
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

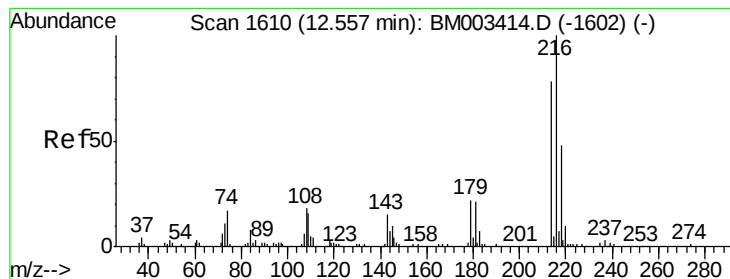
Tot Ion:142 Resp: 896391
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9
115 43.4 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:164 Resp: 364947
Ion Ratio Lower Upper
164 100
162 105.1 82.4 123.6
160 44.9 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.69 ng

RT: 12.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 533017

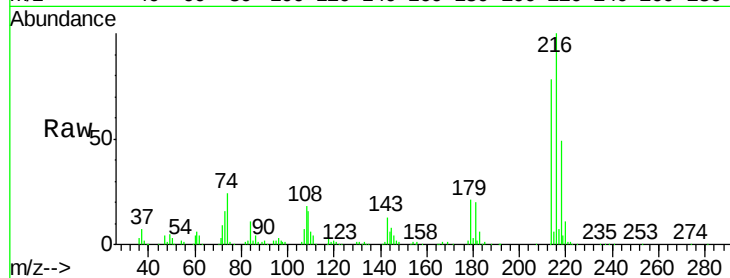
Ion Ratio Lower Upper

216 100

214 78.4 0.0 0.0#

179 19.9 0.0 0.0#

108 20.4 0.0 0.0#

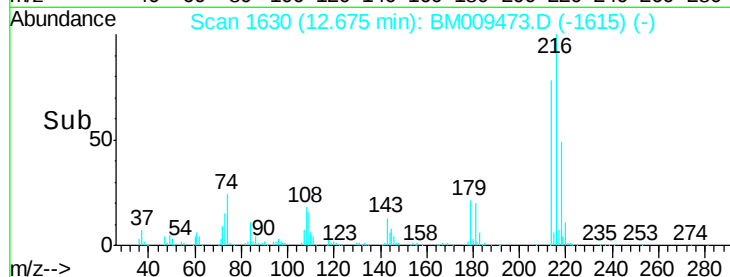


Abundance Ion 216.00 (215.70 to 216.70): E

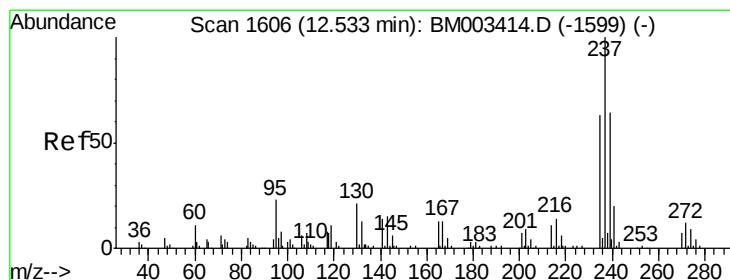
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 36.56 ng

RT: 12.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

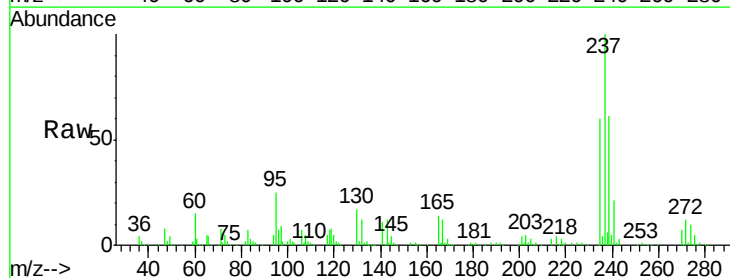
Tgt Ion:237 Resp: 289096

Ion Ratio Lower Upper

237 100

235 60.5 42.0 82.0

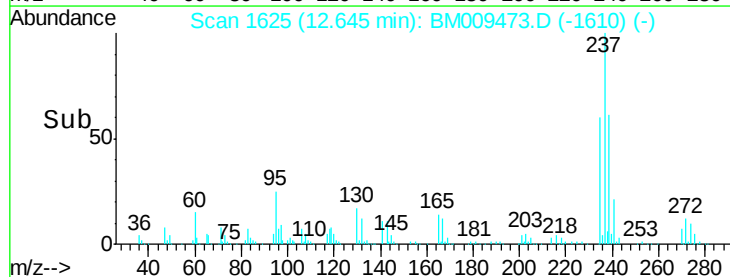
272 12.1 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



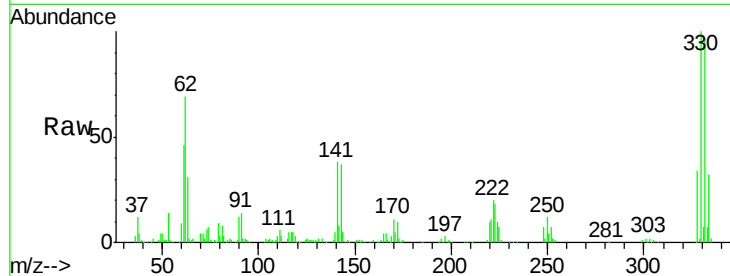
Time-->



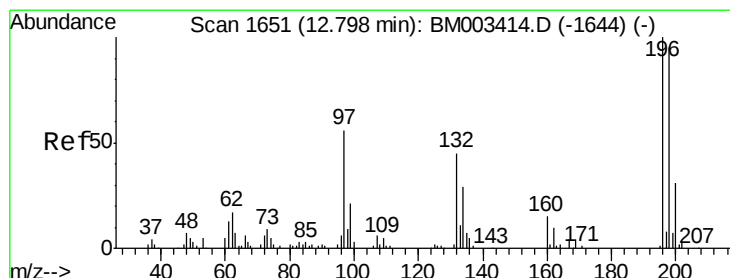
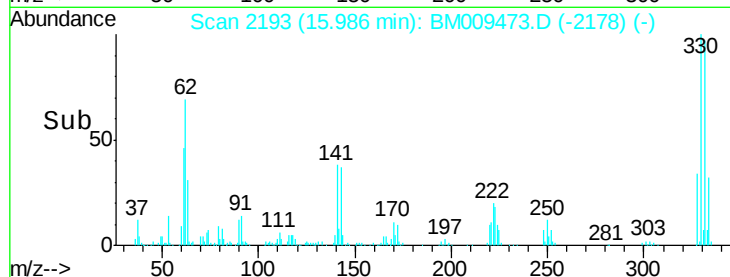
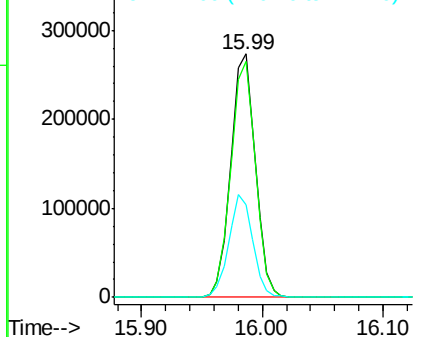
#41
 2,4,6-Tribromophenol
 Concen: 85.86 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	41.0	0.0	0.0#

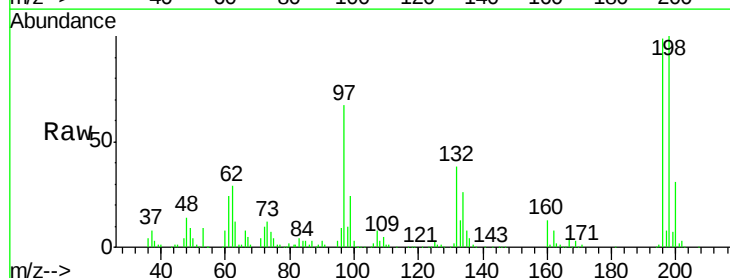


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

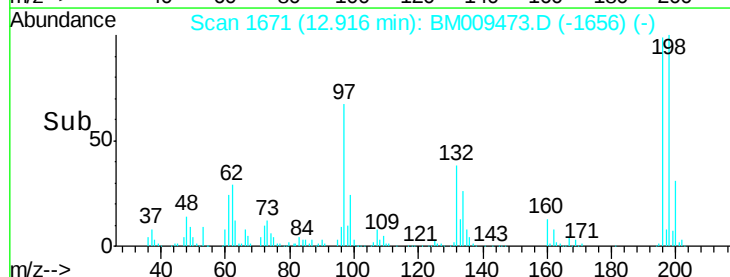
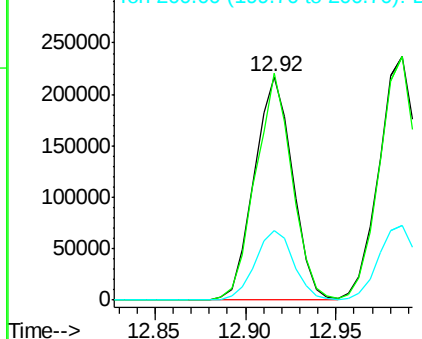


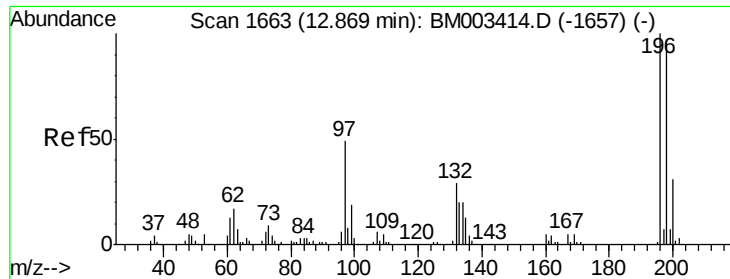
#42
 2,4,6-Trichlorophenol
 Concen: 40.63 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.5	76.3	114.5
200	31.3	25.6	38.4



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

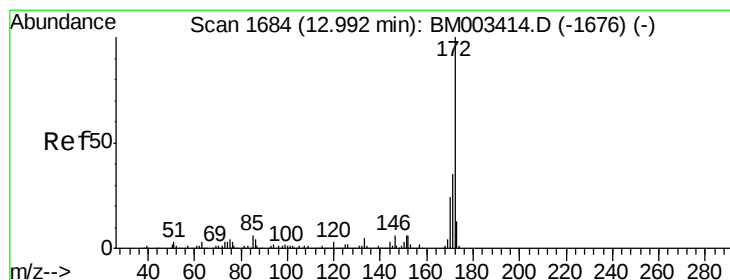
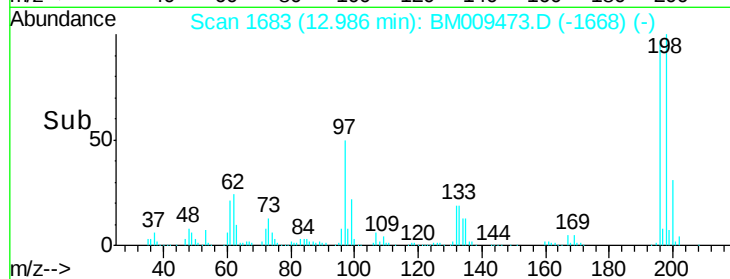
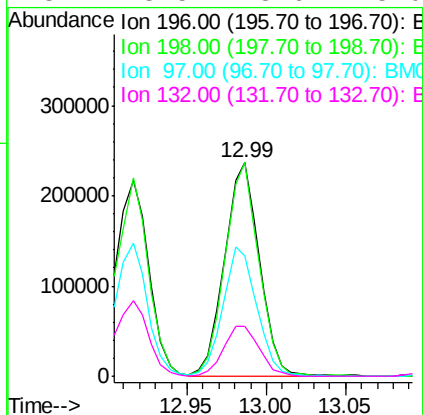
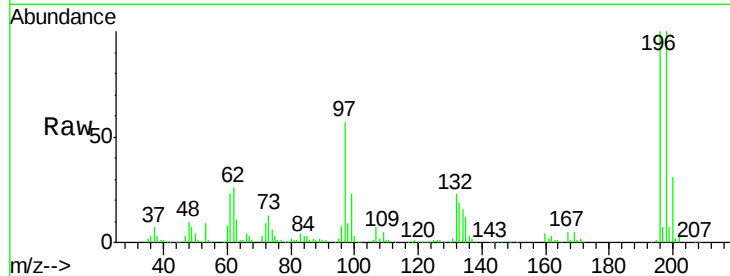




#43
 2,4,5-Trichlorophenol
 Concen: 40.84 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

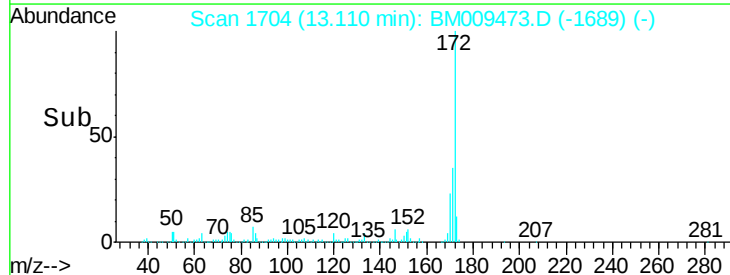
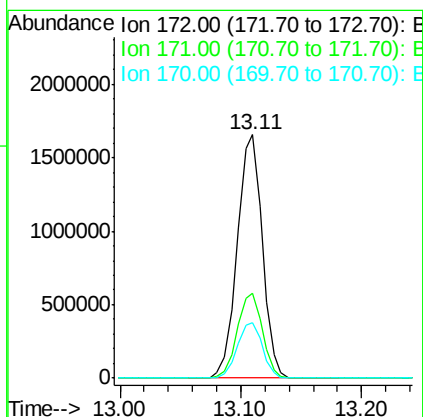
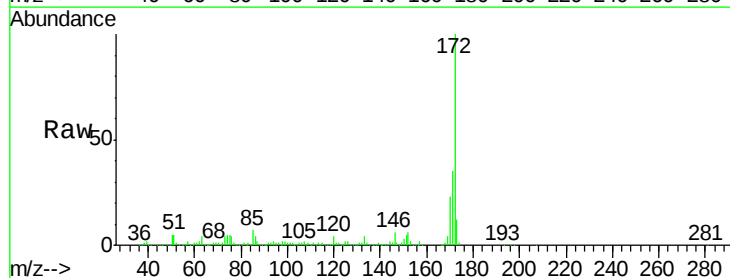
Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

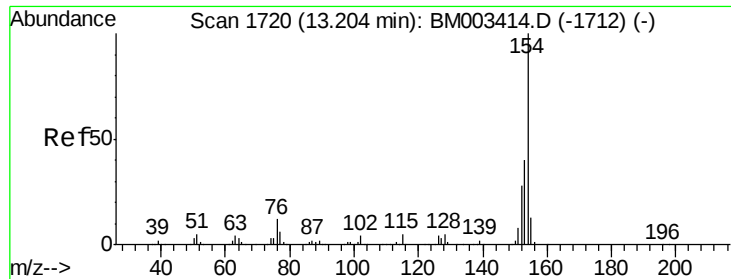
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.1	79.4	119.0
97	56.6	26.8	40.2
132	23.5	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 78.98 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.9	18.8	28.2

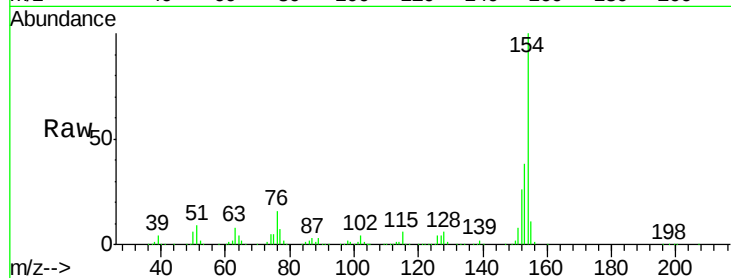




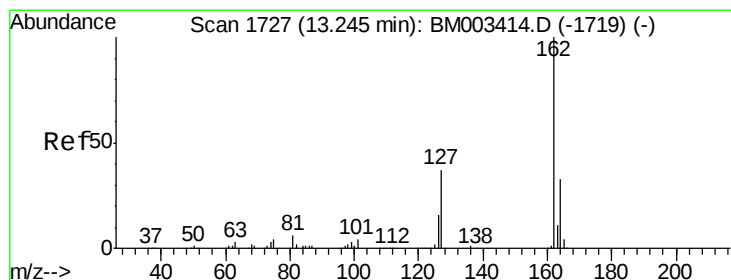
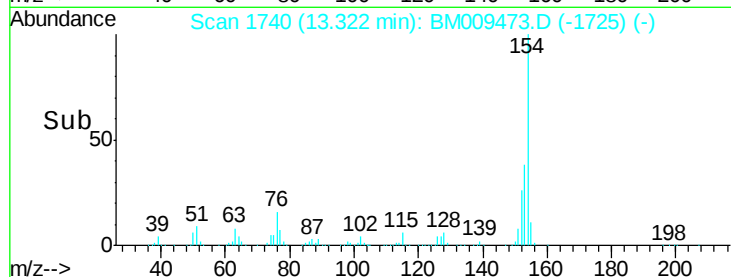
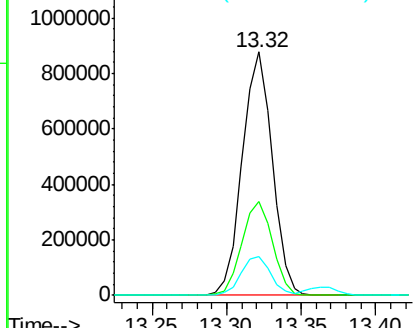
#45
 1,1'-Biphenyl
 Concen: 40.20 ng
 RT: 13.32 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1221058
 Ion Ratio Lower Upper
 154 100
 153 38.3 20.7 60.7
 76 16.1 0.0 30.9

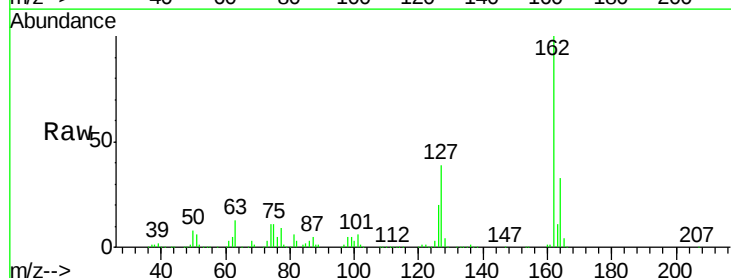


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

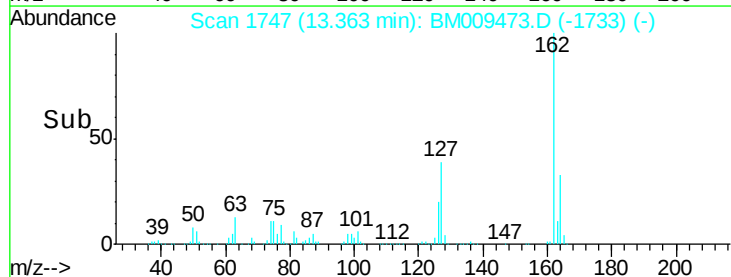
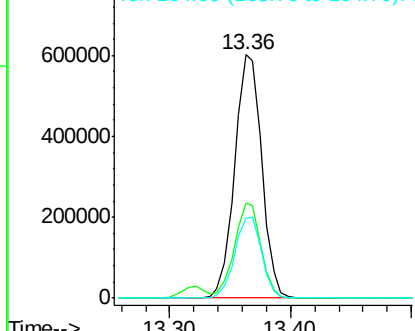


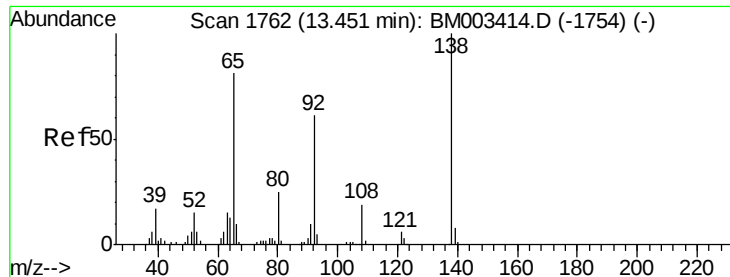
#46
 2-Chloronaphthalene
 Concen: 39.79 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion:162 Resp: 938696
 Ion Ratio Lower Upper
 162 100
 127 39.2 26.9 40.3
 164 32.6 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.23 ng

RT: 13.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

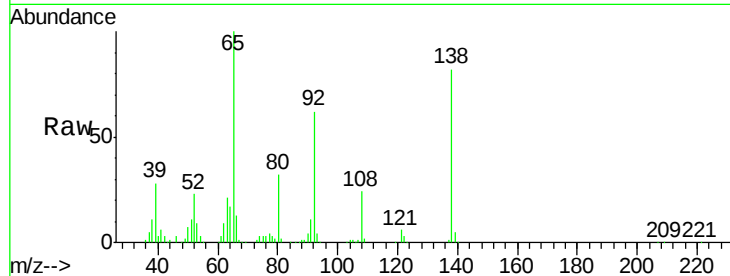
Tot Ion: 65 Resp: 375719

Ion Ratio Lower Upper

65 100

92 62.5 59.1 88.7

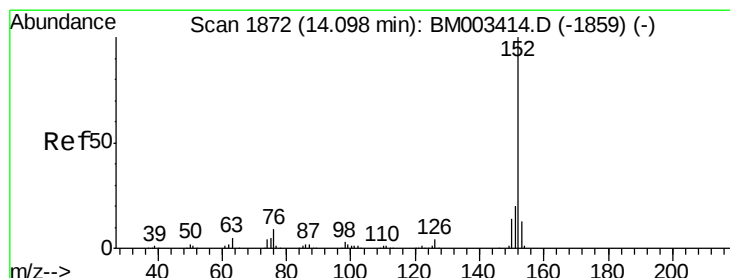
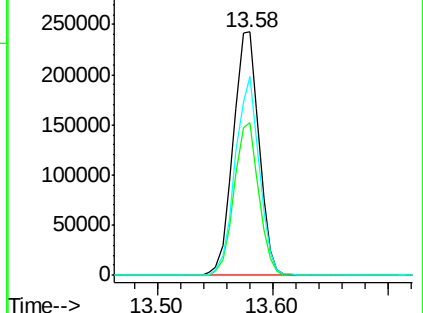
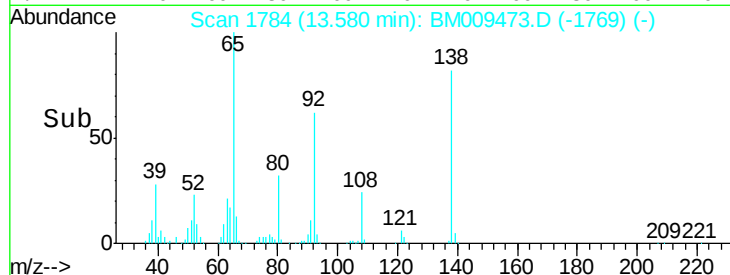
138 81.5 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM009473.D (-1769) (-)

Ion 92.00 (91.70 to 92.70): BM009473.D (-1769) (-)

Ion 138.00 (137.70 to 138.70): BM009473.D (-1769) (-)



#48

Acenaphthylene

Concen: 41.93 ng

RT: 14.22 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

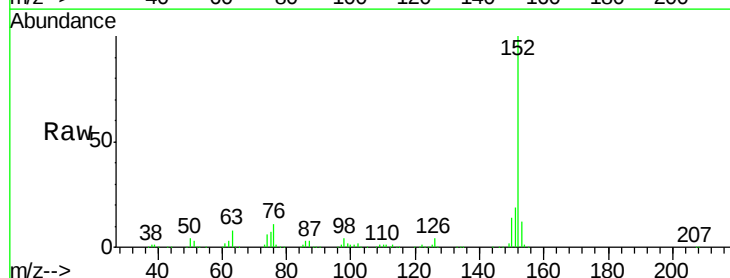
Tgt Ion: 152 Resp: 1611094

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

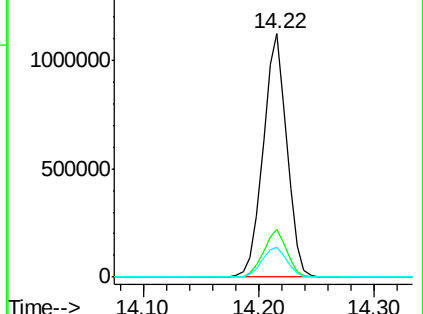
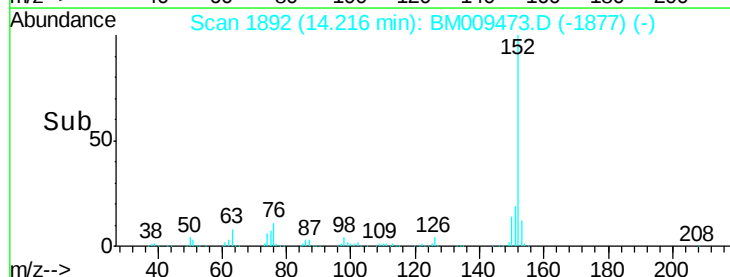
153 12.4 10.6 16.0

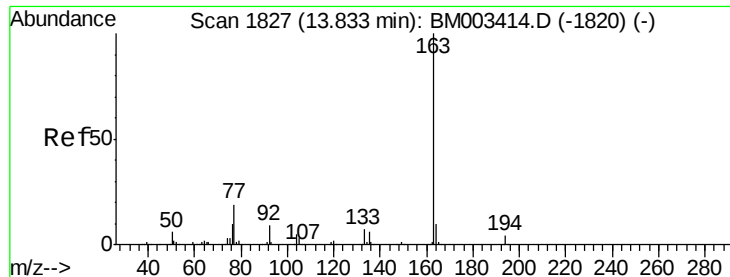


Abundance Ion 152.00 (151.70 to 152.70): BM009473.D (-1877) (-)

Ion 151.00 (150.70 to 151.70): BM009473.D (-1877) (-)

Ion 153.00 (152.70 to 153.70): BM009473.D (-1877) (-)





#49

Dimethylphthalate

Concen: 41.24 ng

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

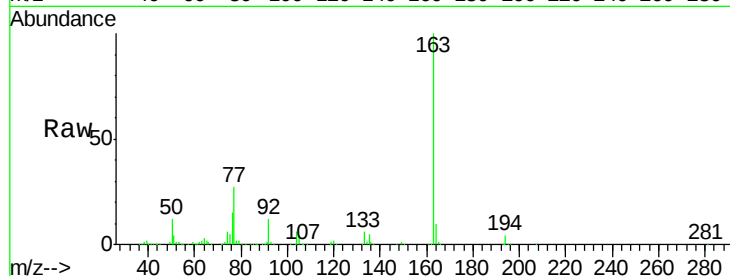
Tot Ion:163 Resp: 1155637

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

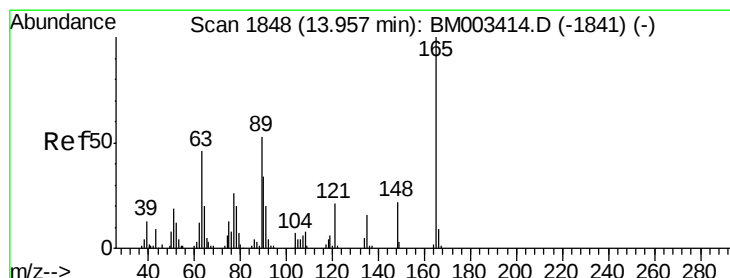
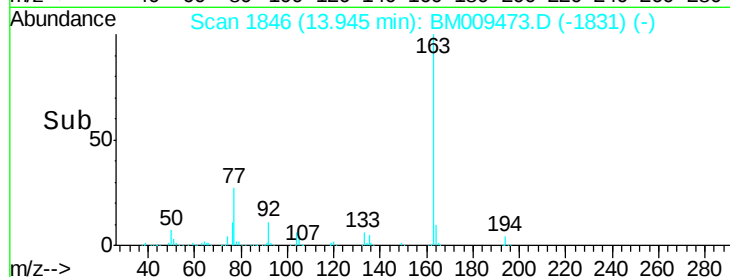
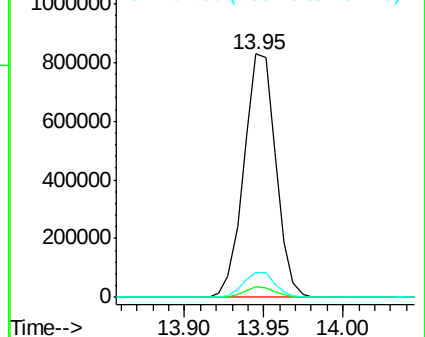
164 10.3 8.2 12.2



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: 42.93 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

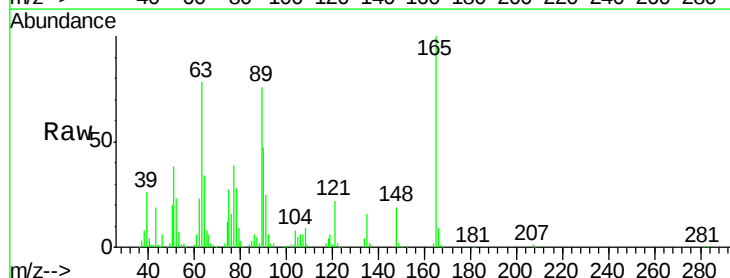
Tgt Ion:165 Resp: 259220

Ion Ratio Lower Upper

165 100

63 77.9 44.1 66.1#

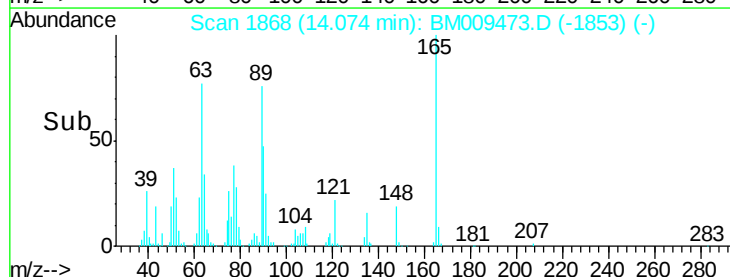
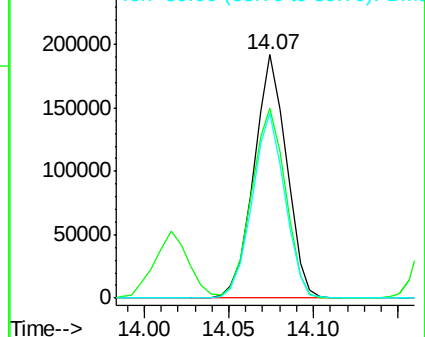
89 75.9 44.3 66.5#

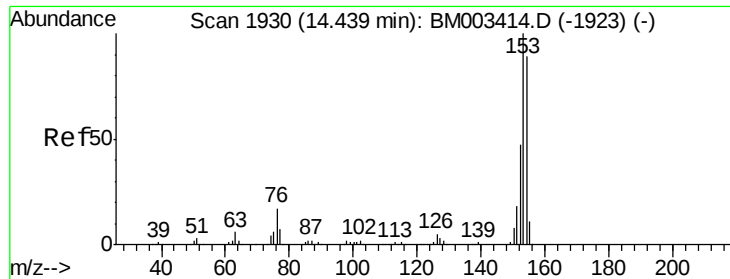


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 40.52 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

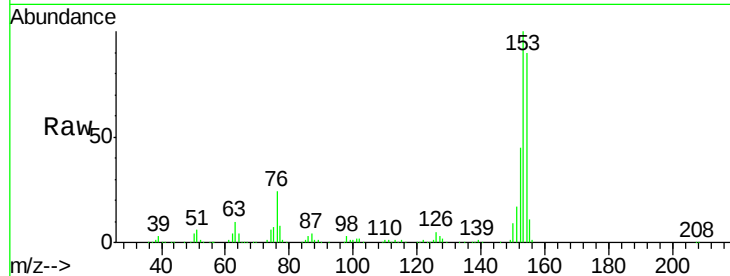
Tot Ion:154 Resp: 939340

Ion Ratio Lower Upper

154 100

153 111.2 90.0 135.0

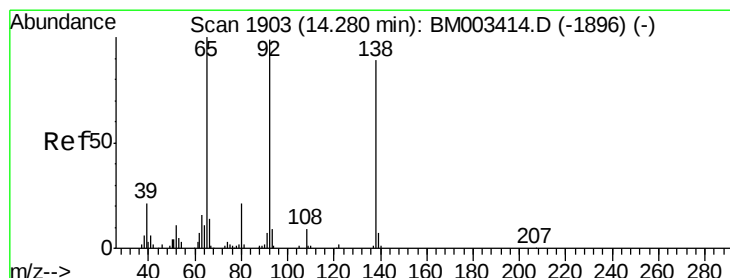
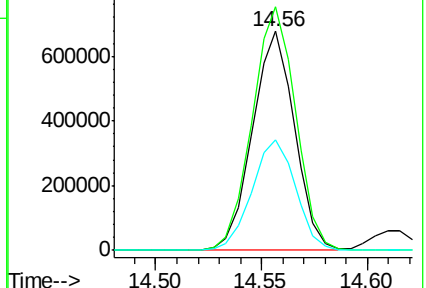
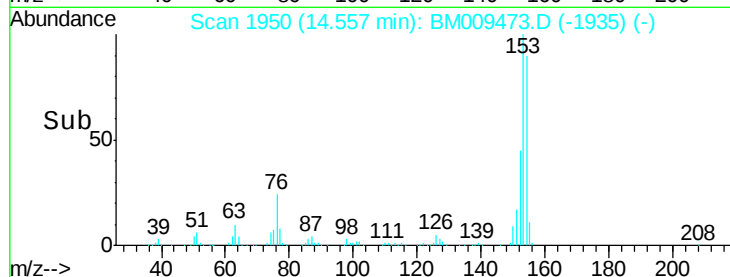
152 50.5 42.6 63.8



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: 44.14 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

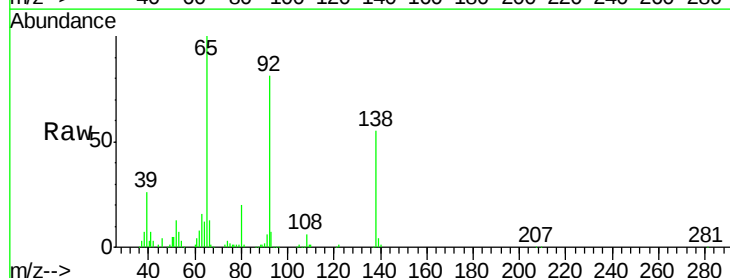
Tgt Ion:138 Resp: 262620

Ion Ratio Lower Upper

138 100

108 11.3 7.3 10.9#

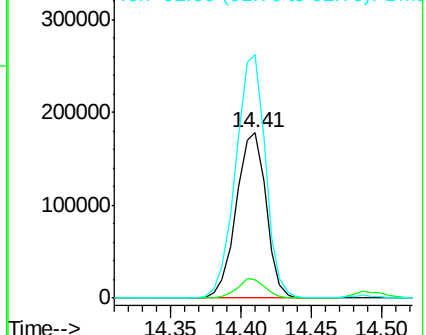
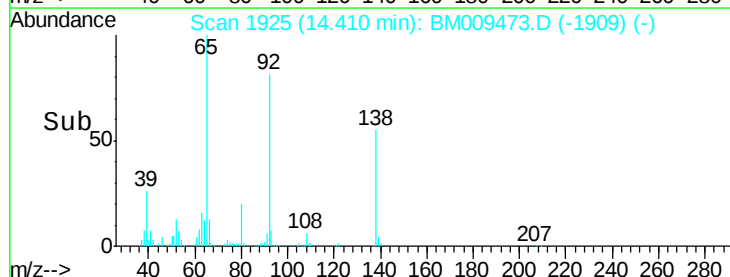
92 147.5 76.6 114.8#

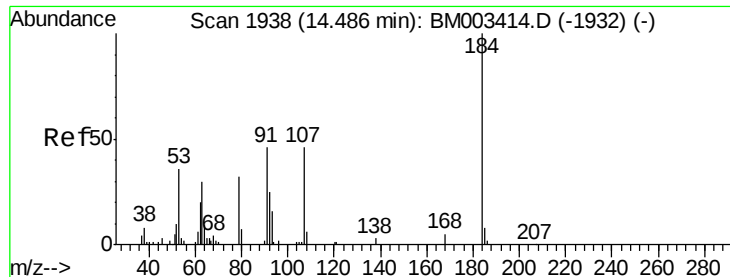


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

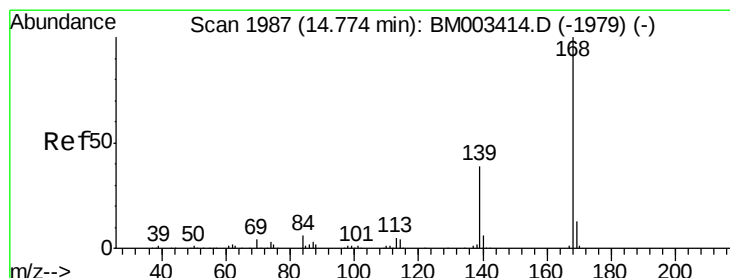
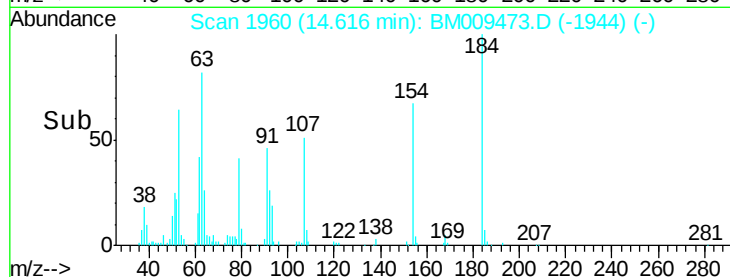
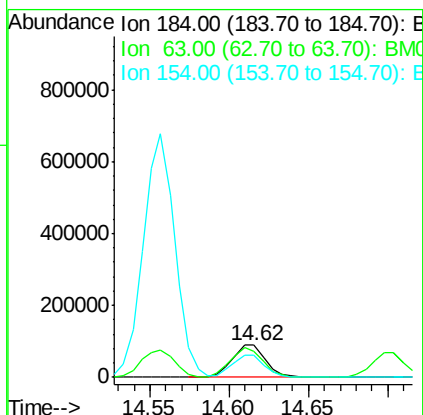
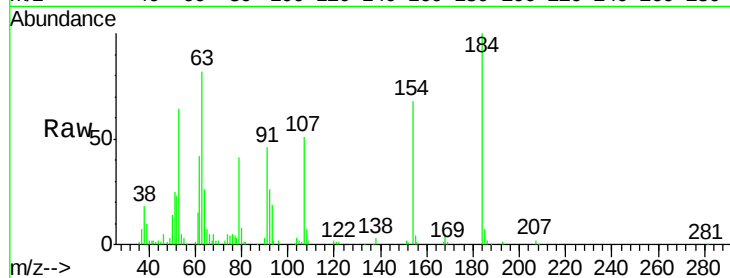




#53
2,4-Dinitrophenol
Concen: 35.69 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

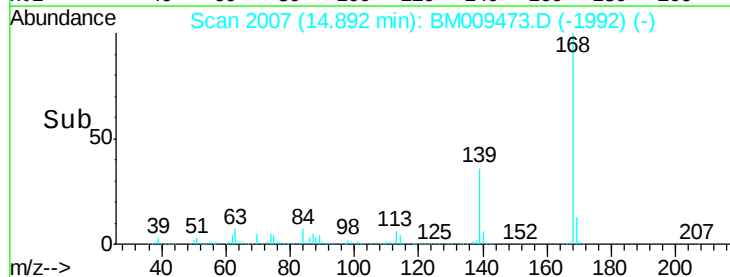
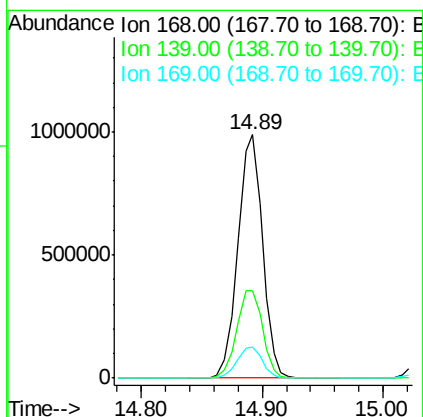
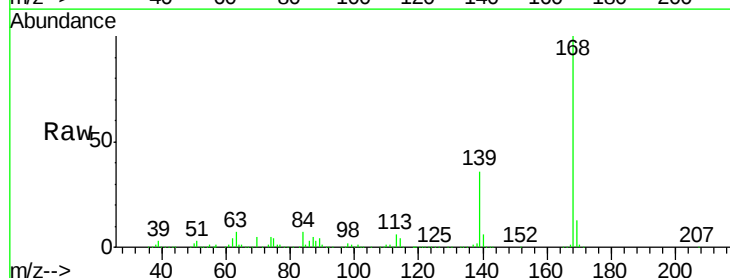
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

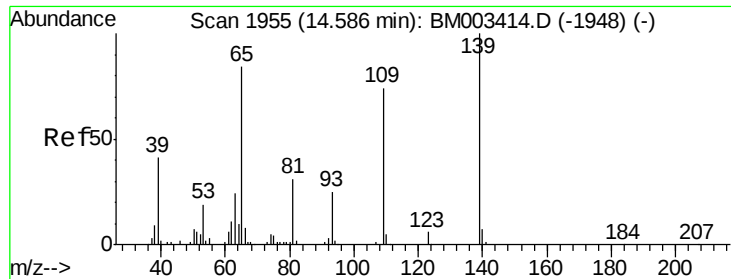
Tot Ion:184 Resp: 132123
Ion Ratio Lower Upper
184 100
63 81.7 69.2 103.8
154 67.8 53.3 79.9



#54
Dibenzofuran
Concen: 41.01 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:168 Resp: 1406011
Ion Ratio Lower Upper
168 100
139 35.8 27.3 40.9
169 12.7 10.6 16.0

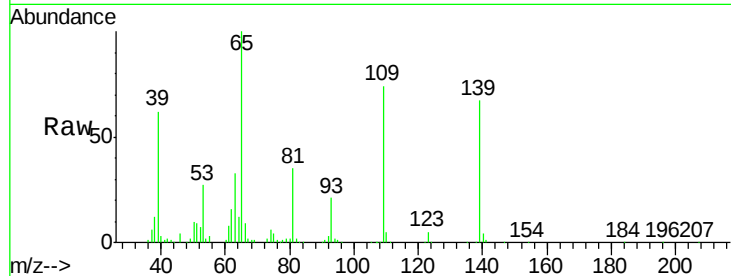




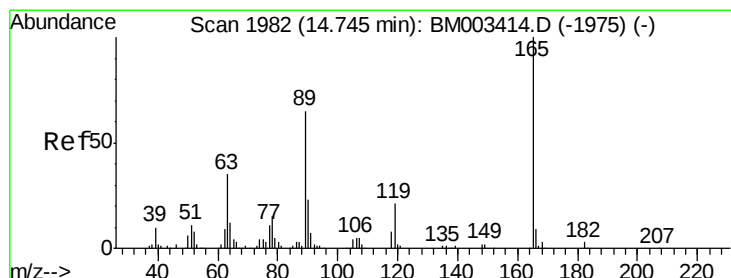
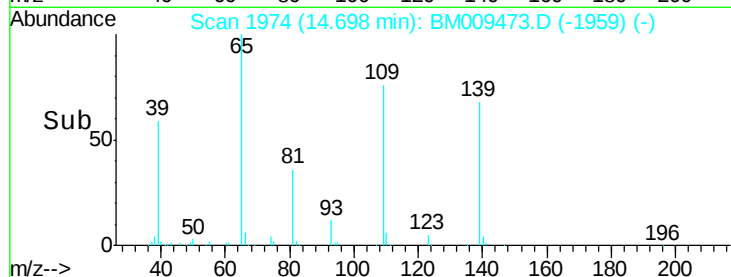
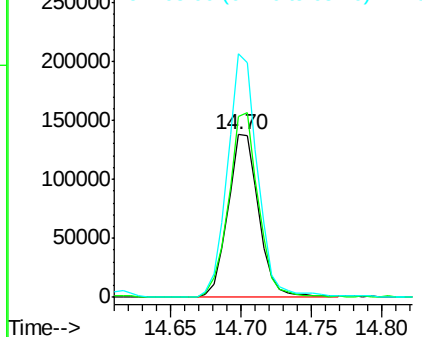
#55
4-Nitrophenol
Concen: 42.45 ng
RT: 14.70 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 208720
Ion Ratio Lower Upper
139 100
109 111.4 37.7 77.7#
65 149.6 49.9 89.9#

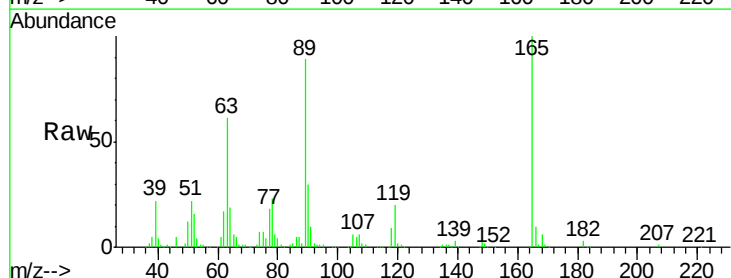


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

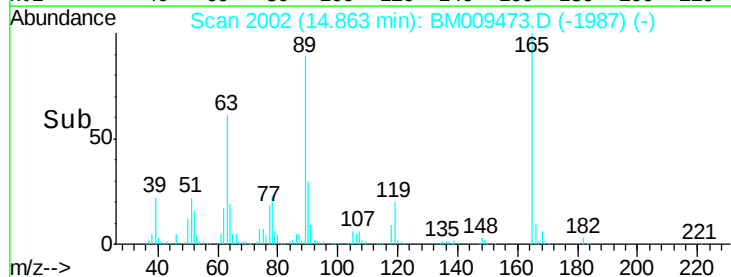
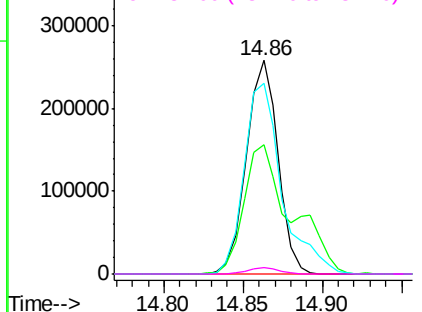


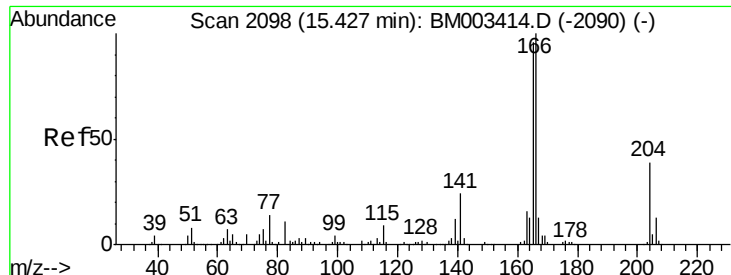
#56
2,4-Dinitrotoluene
Concen: 43.69 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:165 Resp: 356953
Ion Ratio Lower Upper
165 100
63 60.8 52.4 78.6
89 89.3 72.4 108.6
182 3.2 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

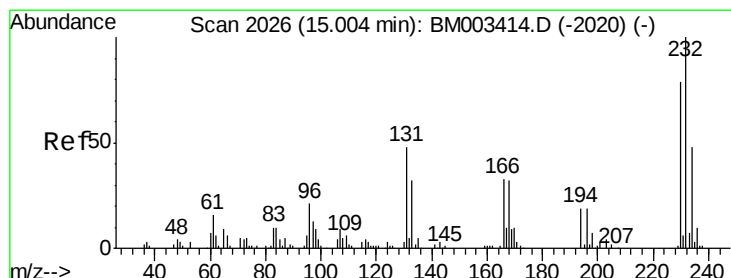
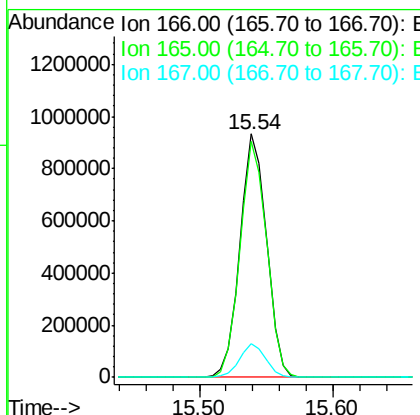
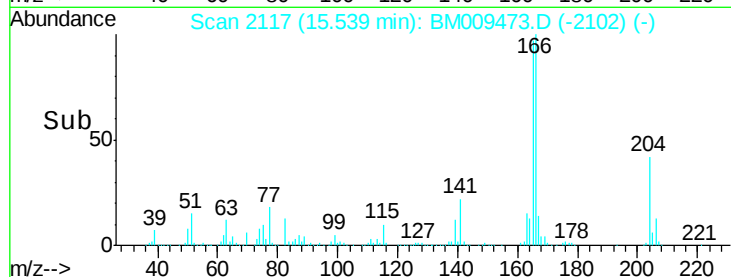
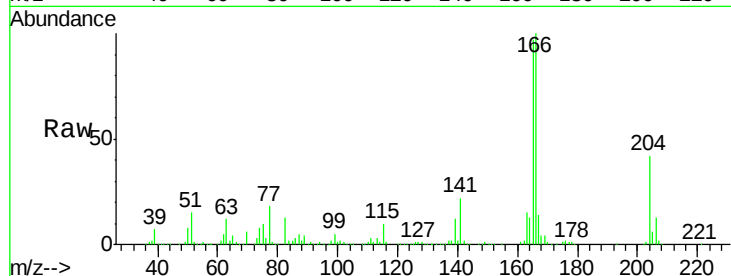




#57
Fluorene
 Concen: 41.56 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

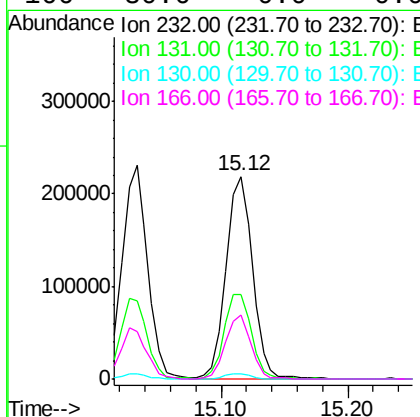
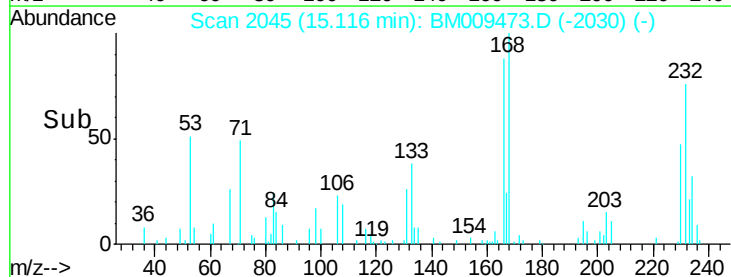
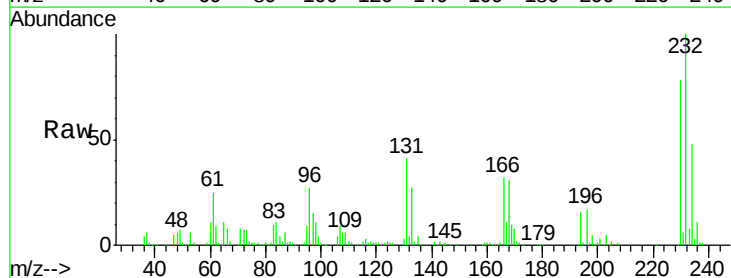
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

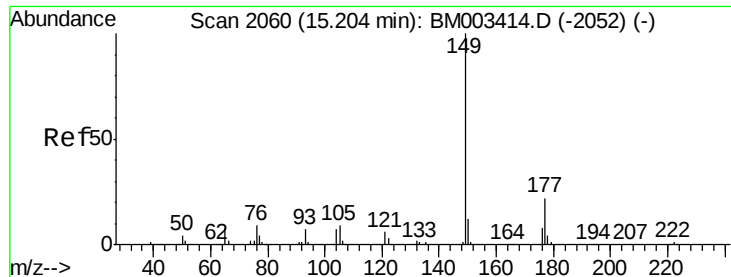
Tot Ion:166 Resp: 1280776
 Ion Ratio Lower Upper
 166 100
 165 97.1 79.0 118.4
 167 13.8 10.3 15.5



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.42 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion:232 Resp: 315360
 Ion Ratio Lower Upper
 232 100
 131 42.8 0.0 0.0#
 130 2.5 0.0 0.0#
 166 30.6 0.0 0.0#

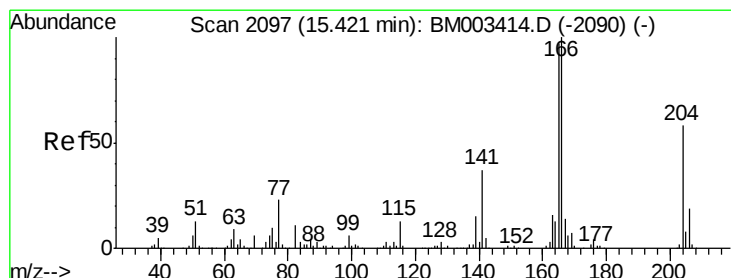
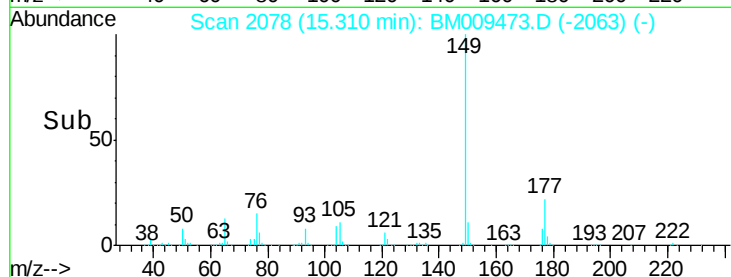
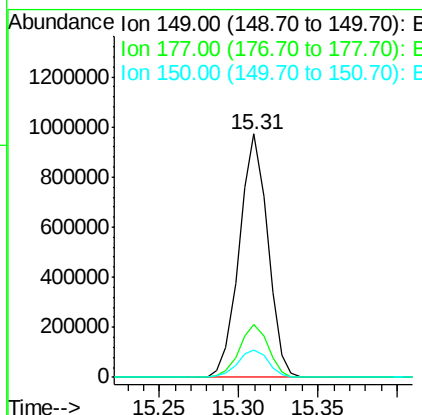
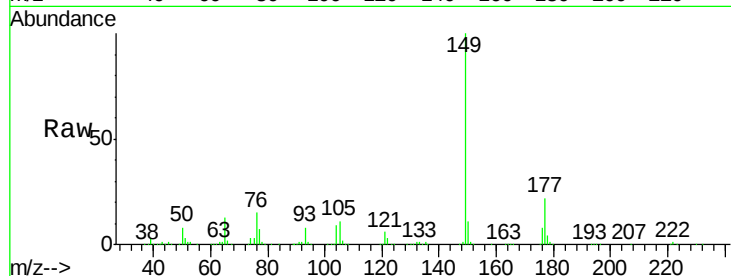




#59
Diethylphthalate
Concen: 42.59 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

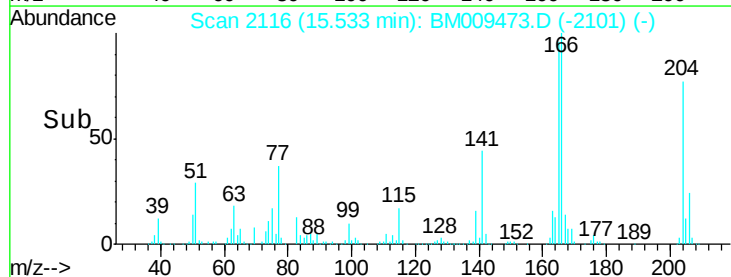
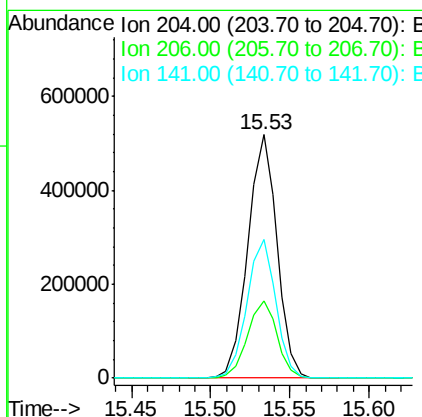
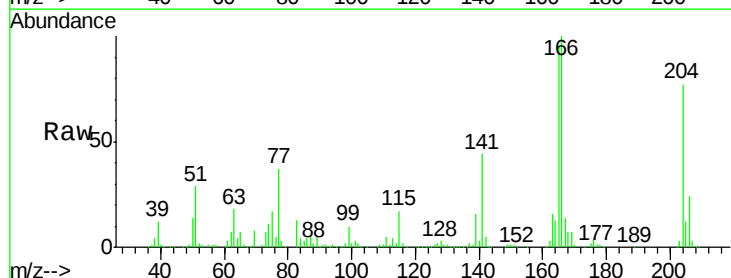
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

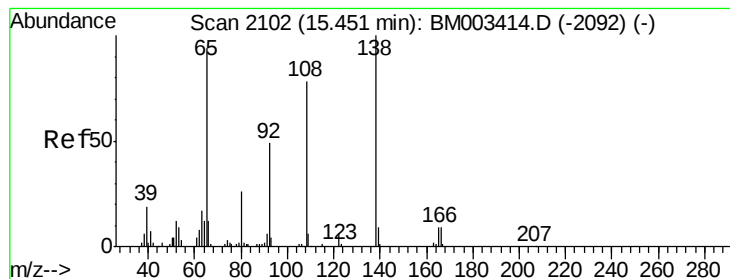
Tot Ion:149 Resp: 1210606
Ion Ratio Lower Upper
149 100
177 21.9 18.3 27.5
150 11.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 41.17 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:204 Resp: 662503
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 57.0 45.2 67.8





#61

4-Nitroaniline

Concen: 45.33 ng

RT: 15.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

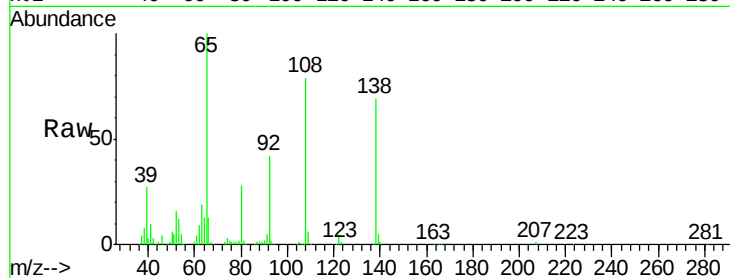
Tot Ion:138 Resp: 292882

Ion Ratio Lower Upper

138 100

92 60.5 16.7 56.7#

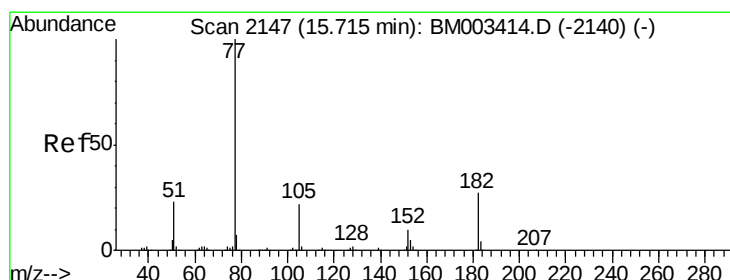
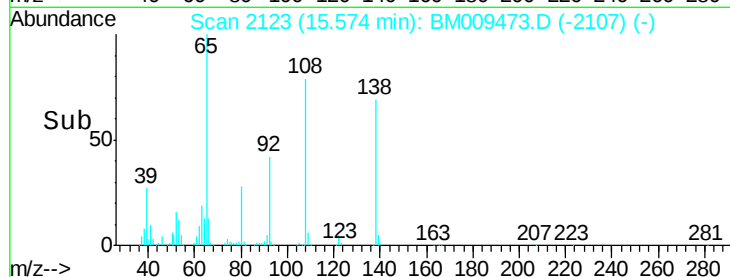
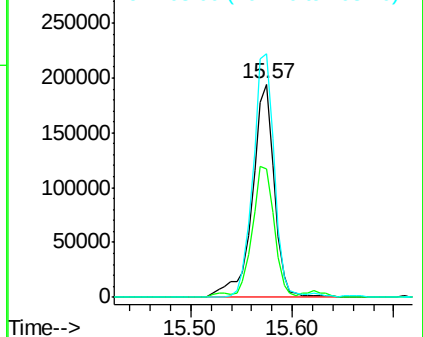
108 114.2 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.18 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Tgt Ion: 77 Resp: 1432899

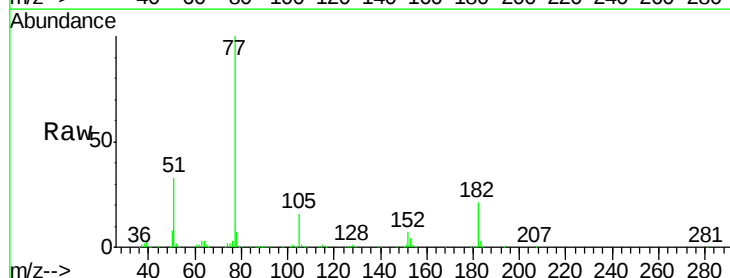
Ion Ratio Lower Upper

77 100

182 21.3 6.5 46.5

105 16.0 3.8 43.8

51 32.8 5.5 45.5

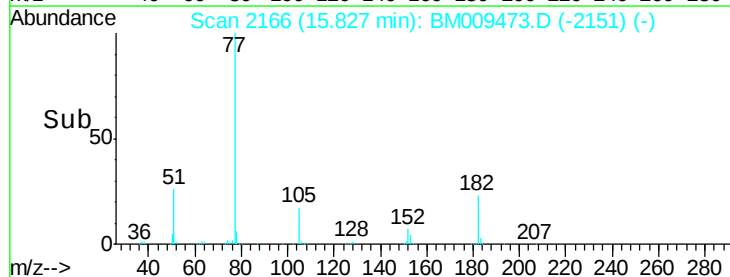
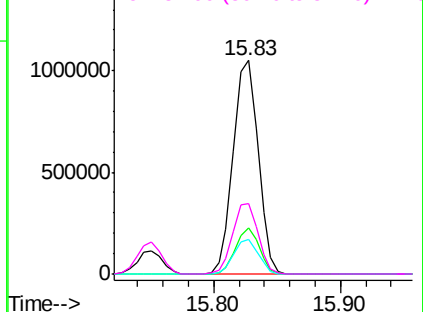


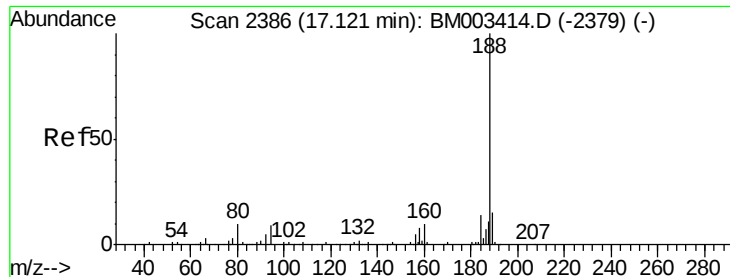
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

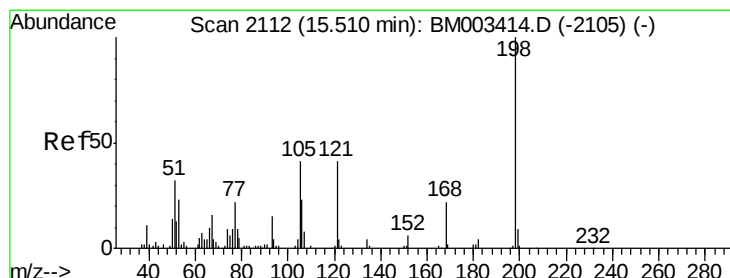
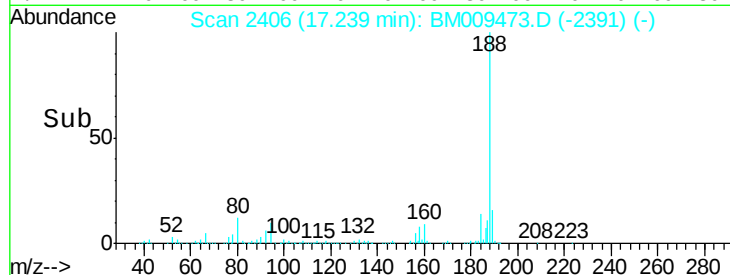
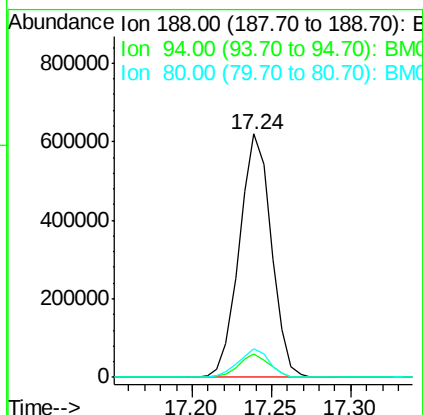
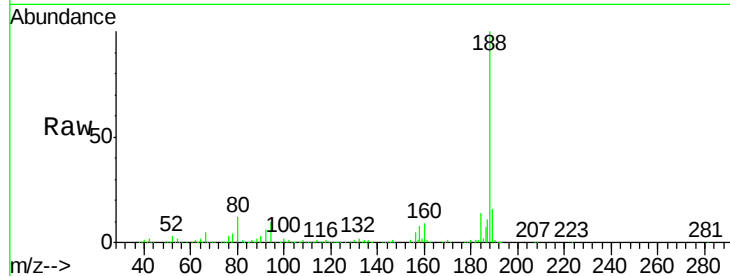




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

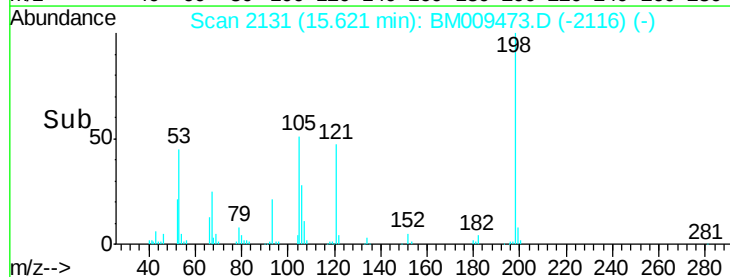
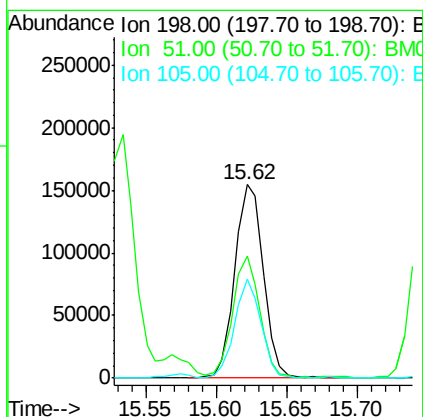
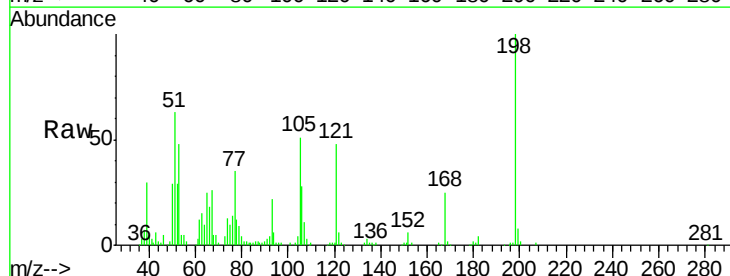
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

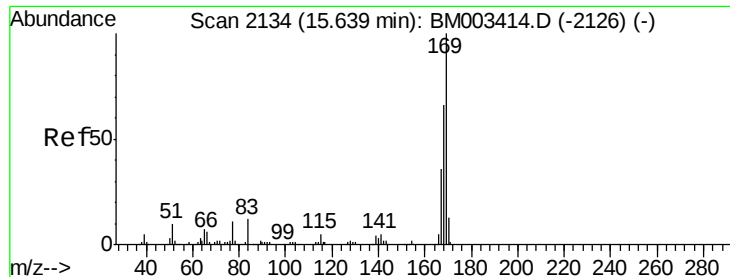
Tot Ion:188 Resp: 866698
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 11.8 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 39.91 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:198 Resp: 217931
Ion Ratio Lower Upper
198 100
51 63.0 28.8 68.8
105 51.1 30.5 70.5

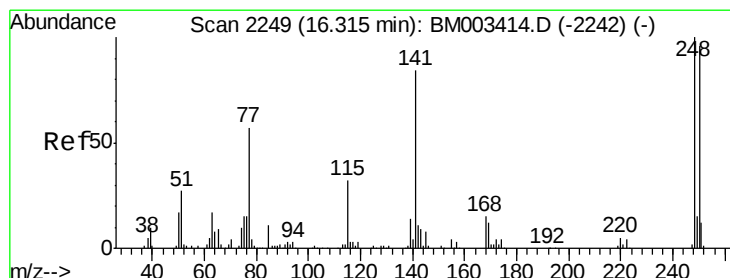
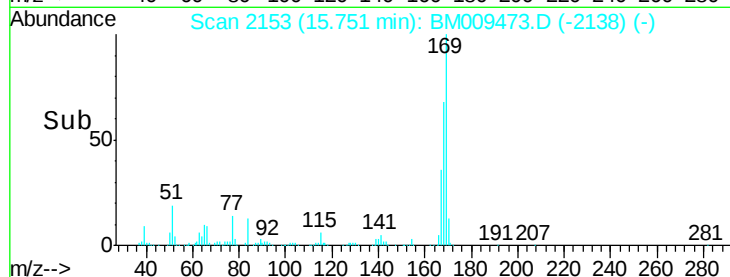
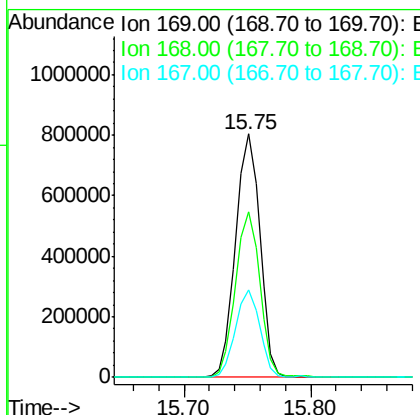
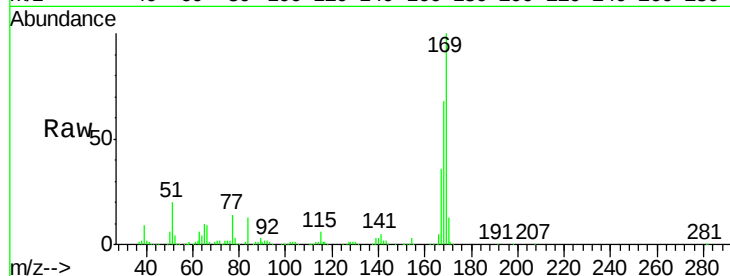




#65
 n-Nitrosodiphenylamine
 Concen: 40.58 ng
 RT: 15.75 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

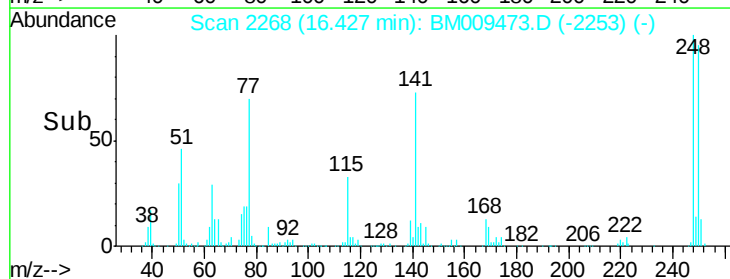
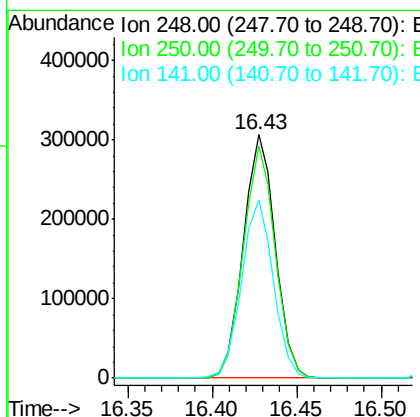
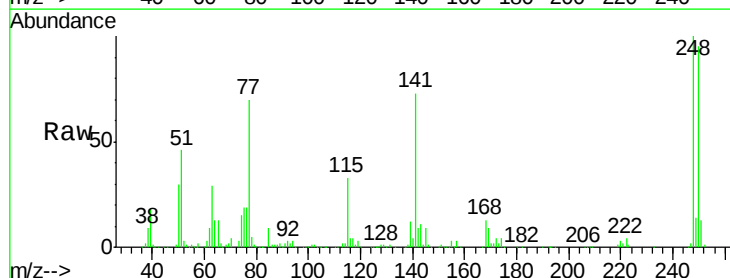
Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

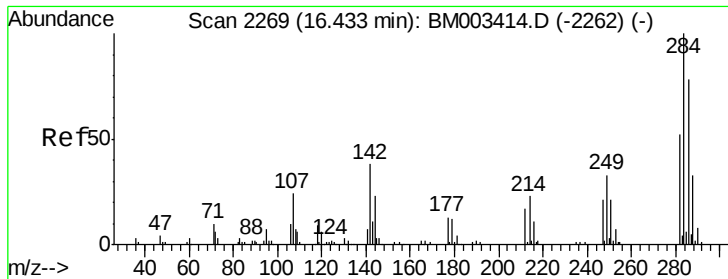
Tot Ion:169 Resp: 1068433
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.9 80.9
 167 35.8 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.18 ng
 RT: 16.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion:248 Resp: 403502
 Ion Ratio Lower Upper
 248 100
 250 95.1 77.4 116.0
 141 73.3 45.2 67.8#

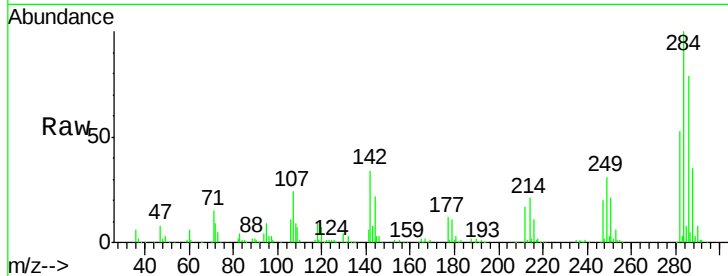




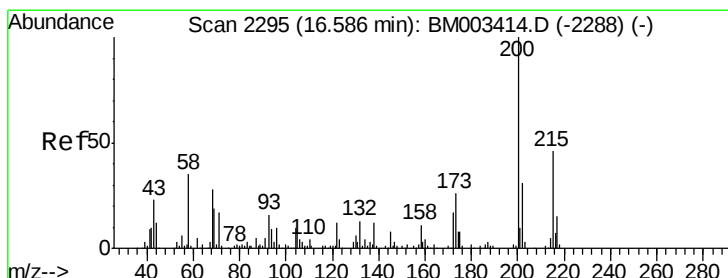
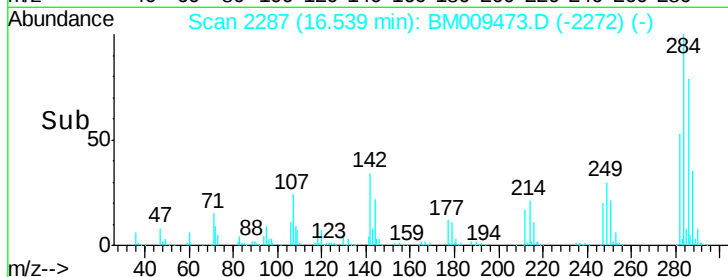
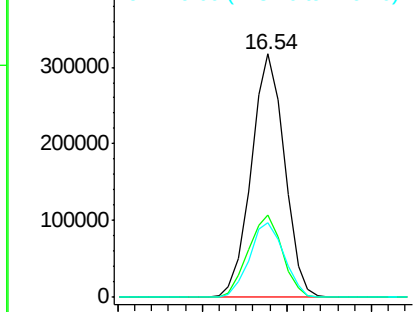
#67
Hexachlorobenzene
Concen: 39.41 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 433819
Ion Ratio Lower Upper
284 100
142 33.7 20.4 30.6#
249 30.9 23.8 35.6

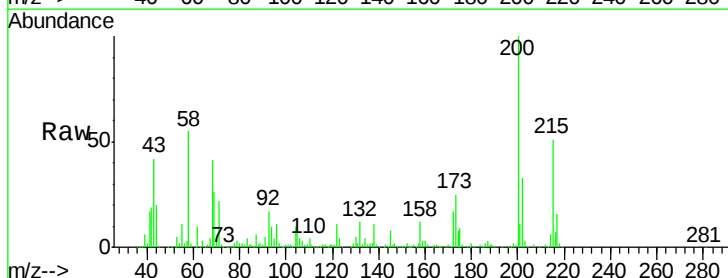


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

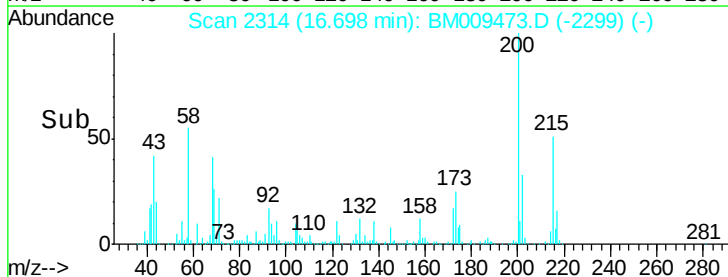
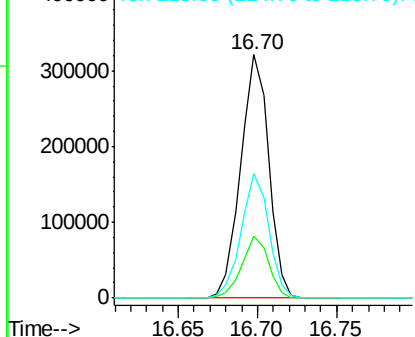


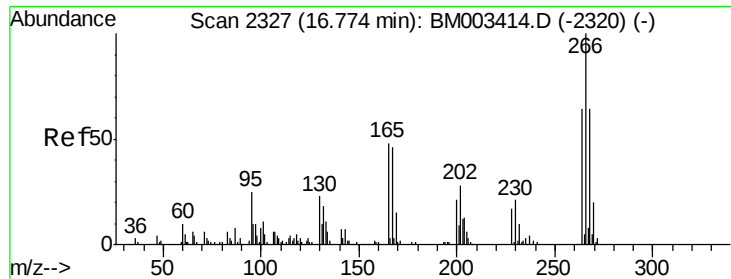
#68
Atrazine
Concen: 39.88 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:200 Resp: 394834
Ion Ratio Lower Upper
200 100
173 25.3 4.8 44.8
215 51.2 26.9 66.9



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

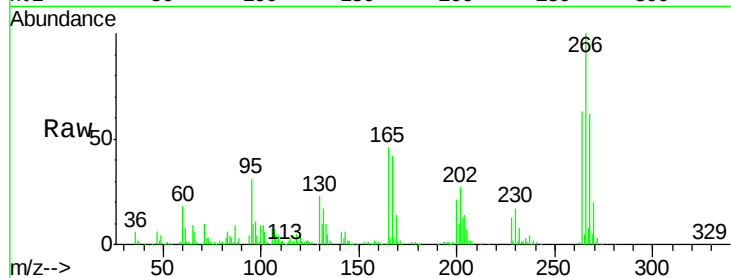




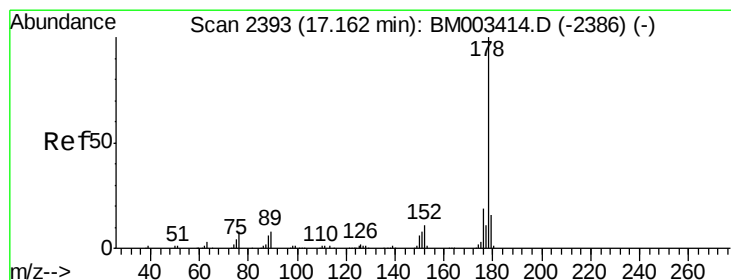
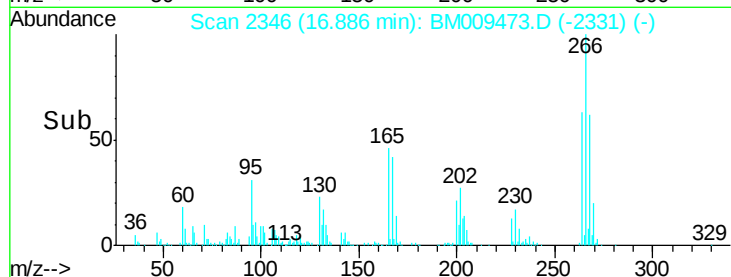
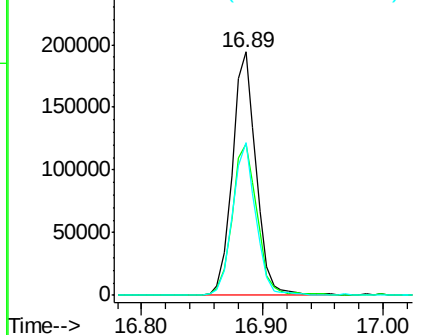
#69
 Pentachlorophenol
 Concen: 39.59 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	52.0	78.0
264	62.8	49.0	73.4

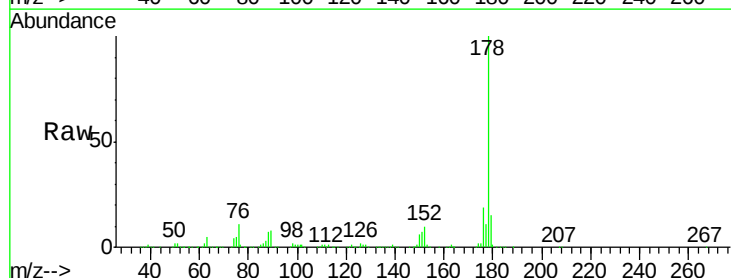


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

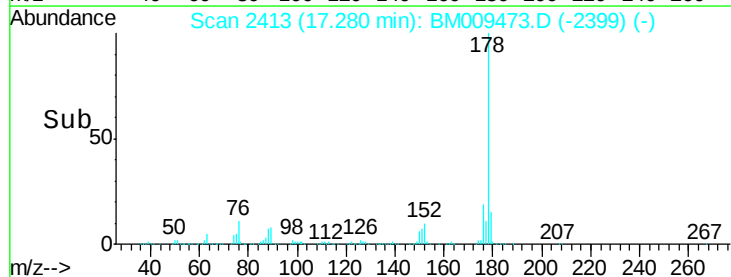
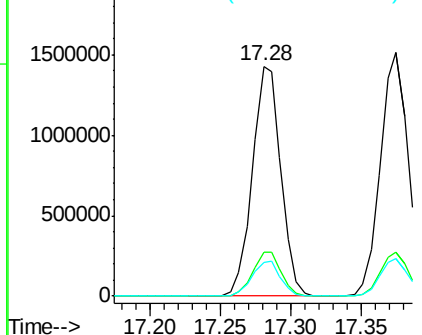


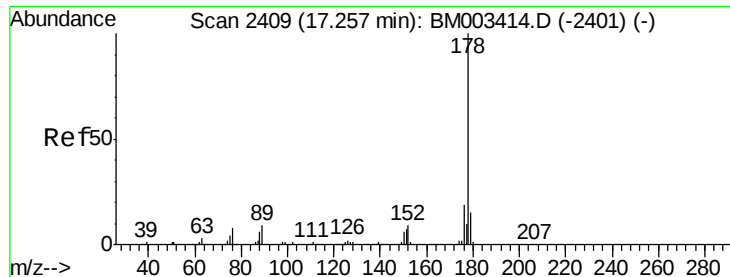
#70
 Phenanthrene
 Concen: 40.81 ng
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	14.8	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

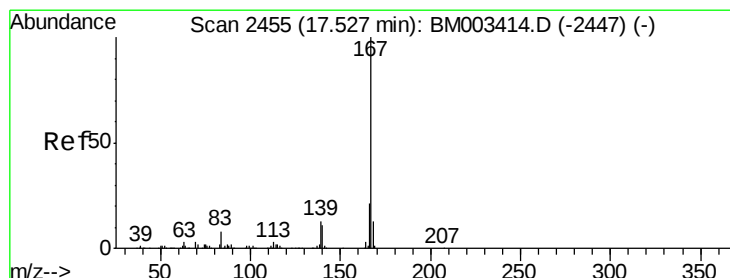
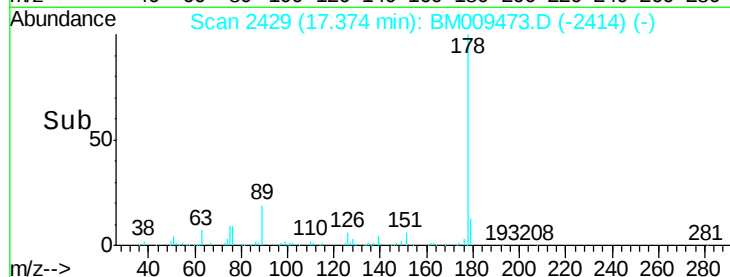
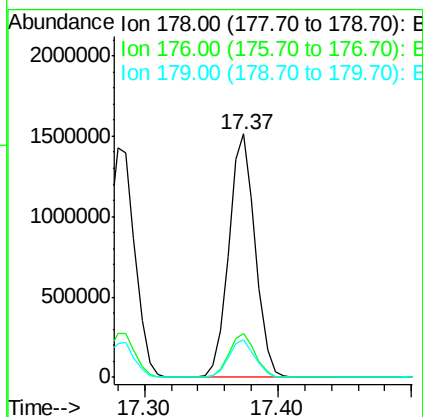
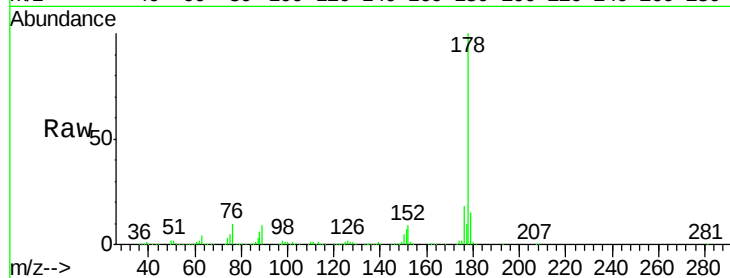




#71
 Anthracene
 Concen: 41.52 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

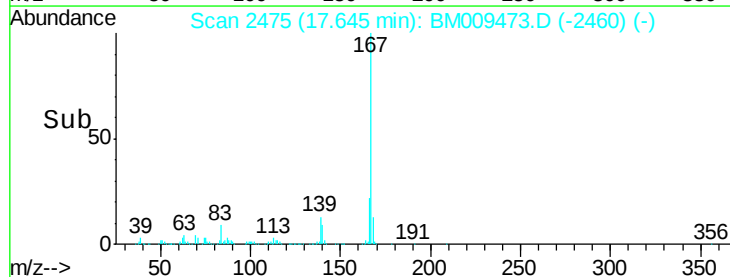
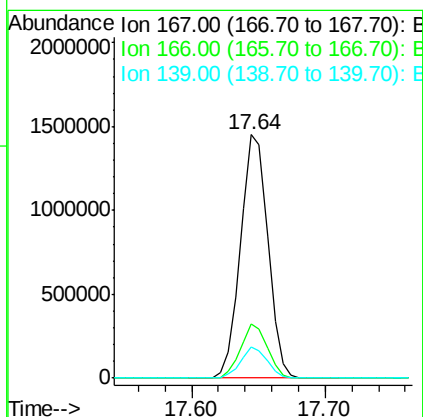
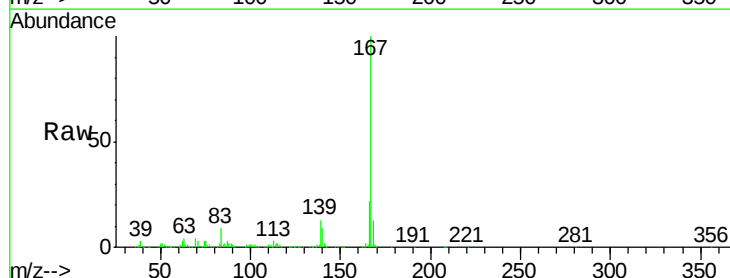
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

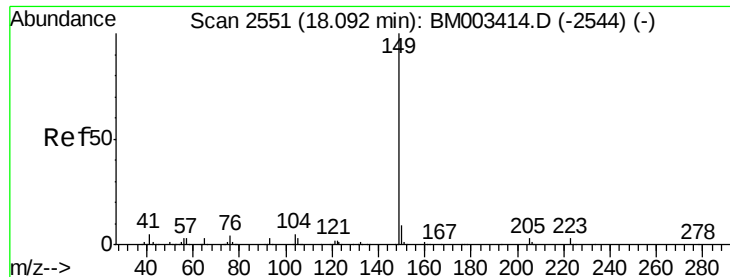
Tot Ion:178 Resp: 2083173
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 42.88 ng
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion:167 Resp: 2060738
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.2 25.8
 139 12.8 10.8 16.2

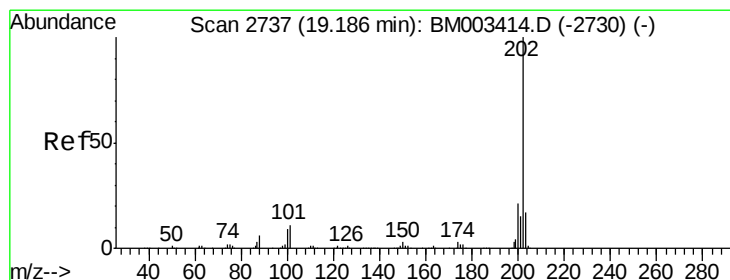
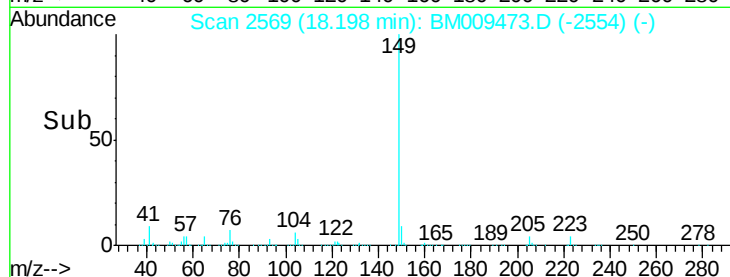
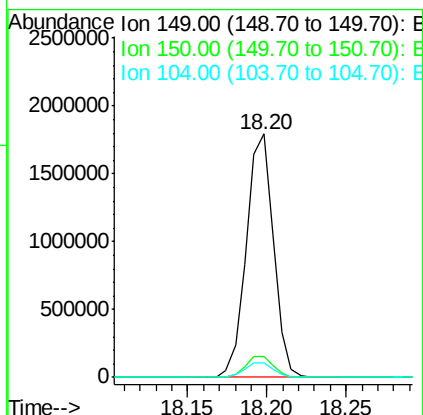
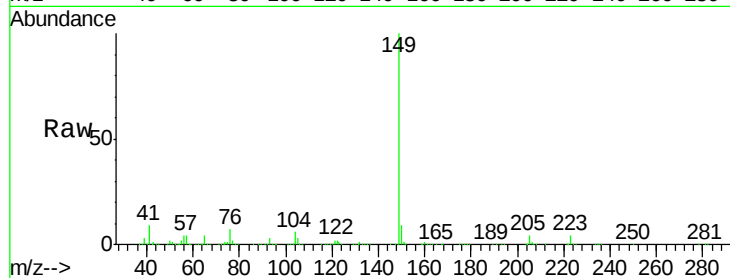




#73
Di-n-butylphthalate
Concen: 43.31 ng
RT: 18.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

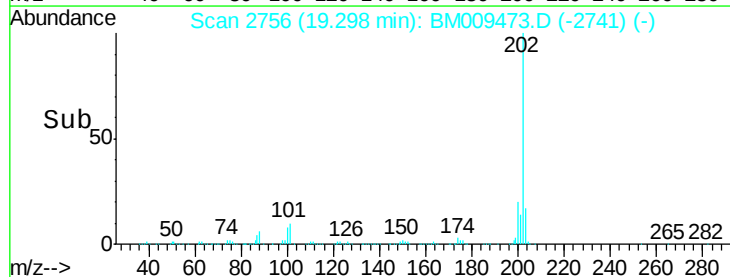
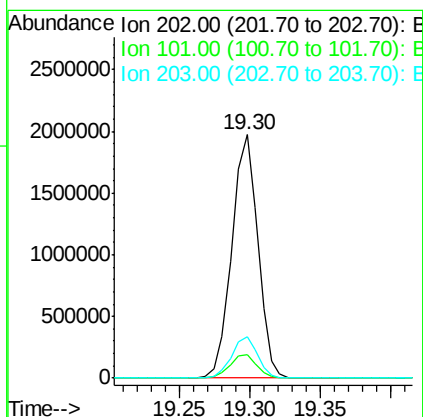
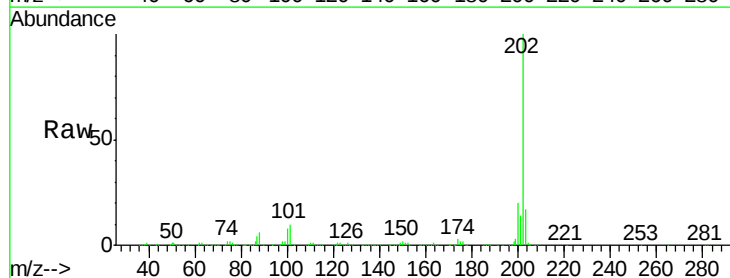
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

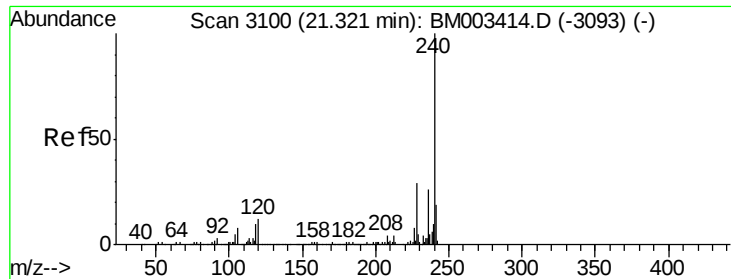
Tot Ion:149 Resp: 2125976
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 6.2 3.7 5.5#



#74
Fluoranthene
Concen: 43.08 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:202 Resp: 2529102
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.7
203 17.0 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

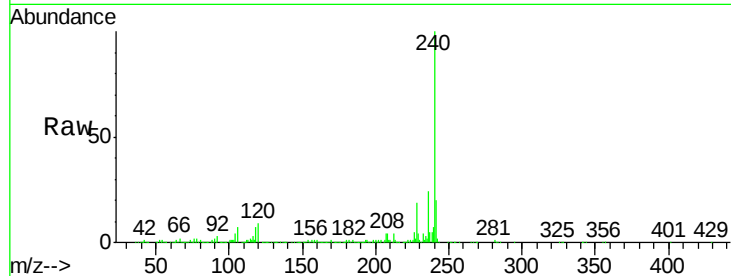
Tot Ion:240 Resp: 1165730

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

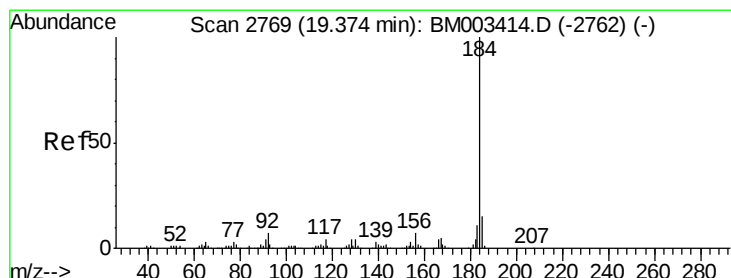
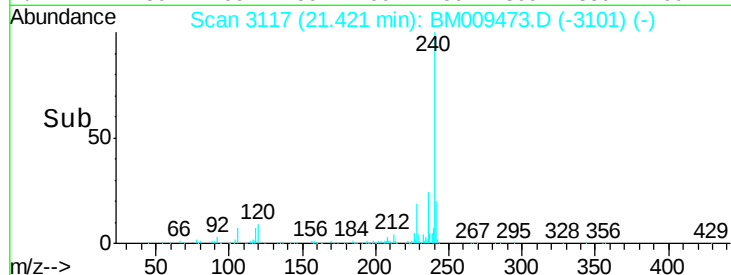
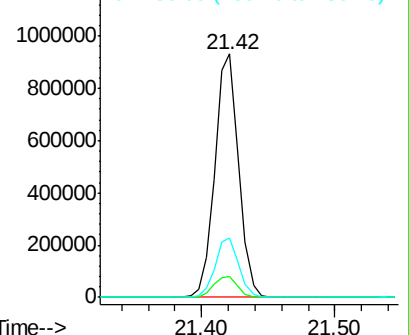
236 24.1 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.09 ng

RT: 19.49 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

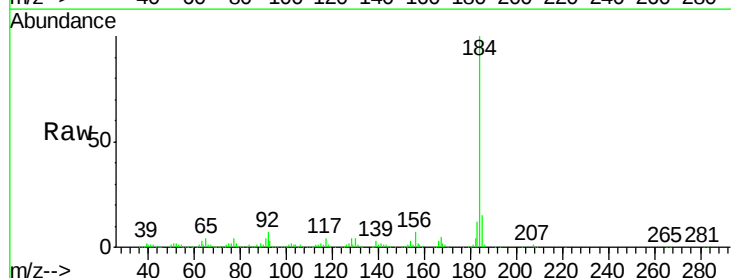
Tgt Ion:184 Resp: 1288500

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

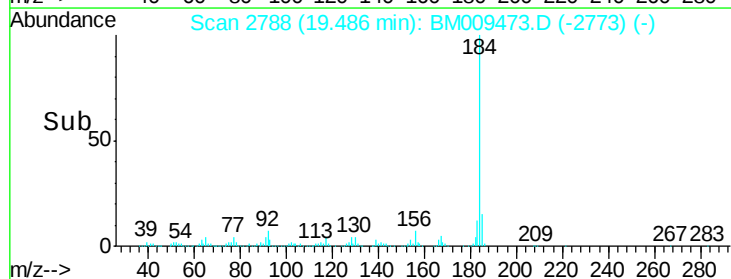
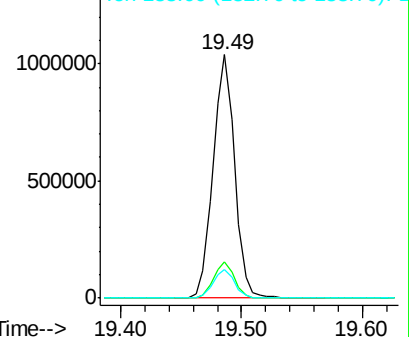
183 12.0 8.9 13.3

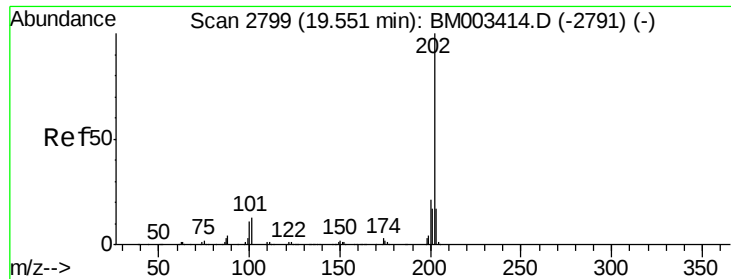


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

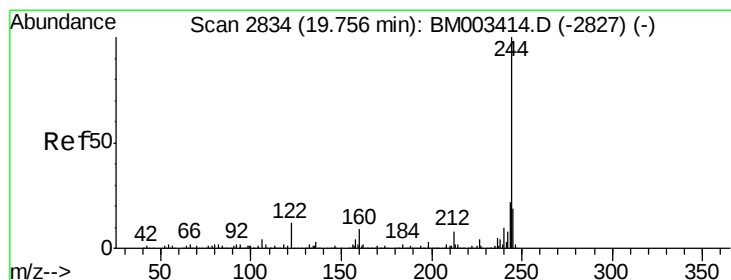
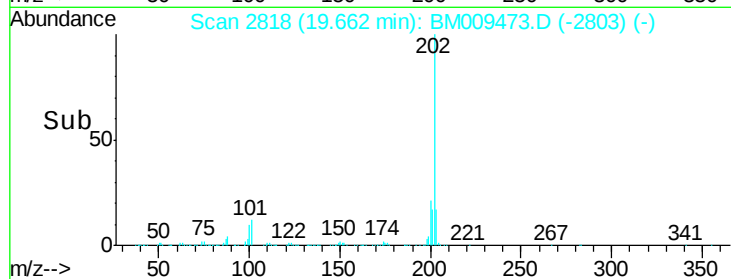
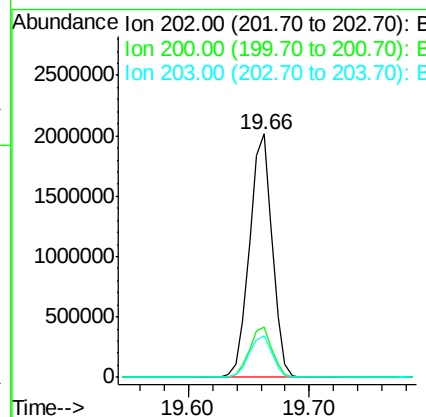
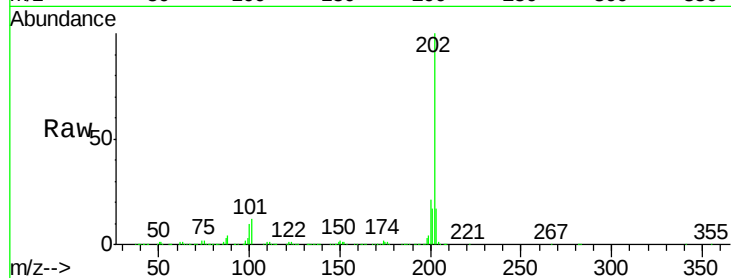




#77
Pvrene
Concen: 40.12 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

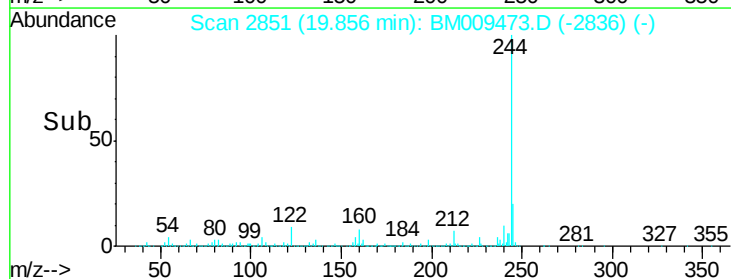
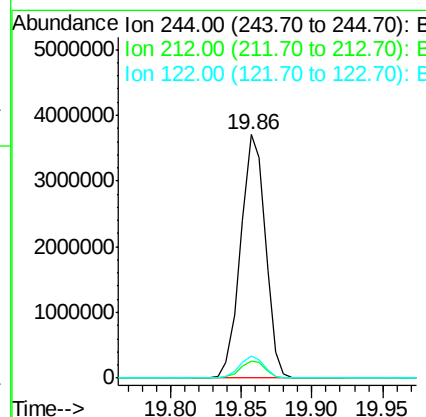
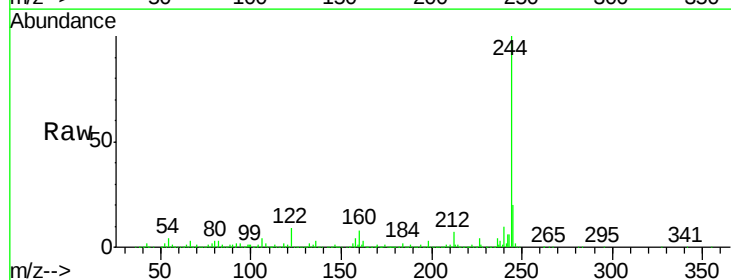
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

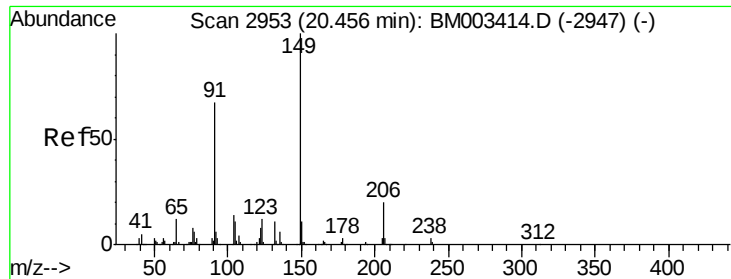
Tot Ion:202 Resp: 2652565
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.1 14.1 21.1



#78
Terphenyl-d14
Concen: 81.09 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:244 Resp: 4523785
Ion Ratio Lower Upper
244 100
212 7.2 4.9 7.3
122 9.1 6.2 9.4

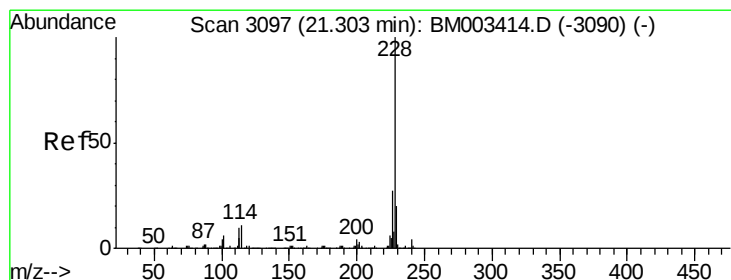
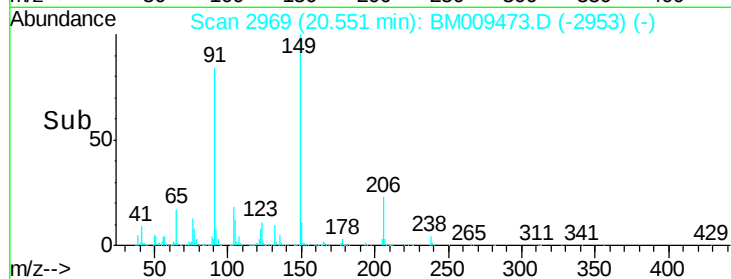
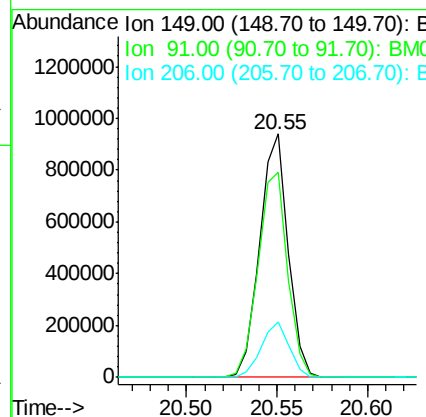
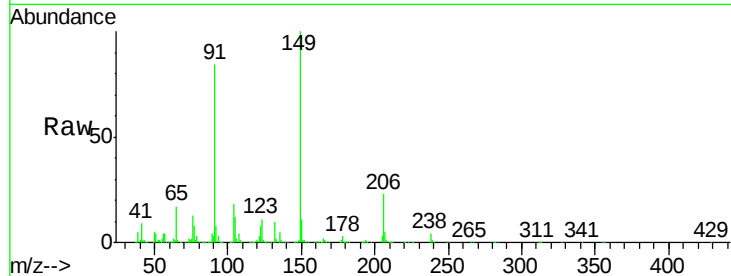




#79
Butylbenzylphthalate
Concen: 42.98 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

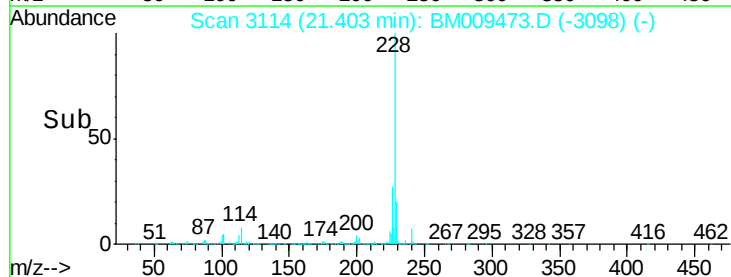
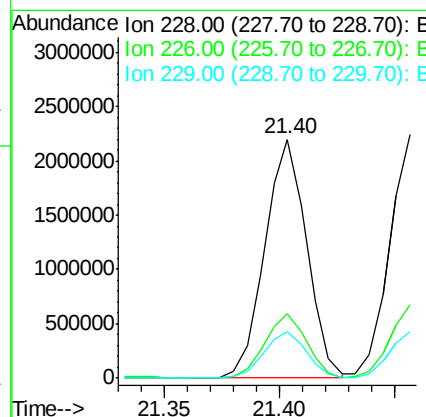
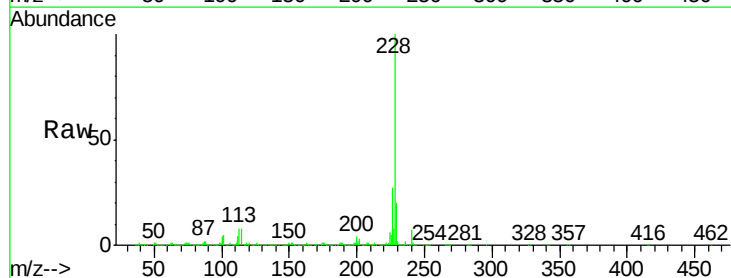
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

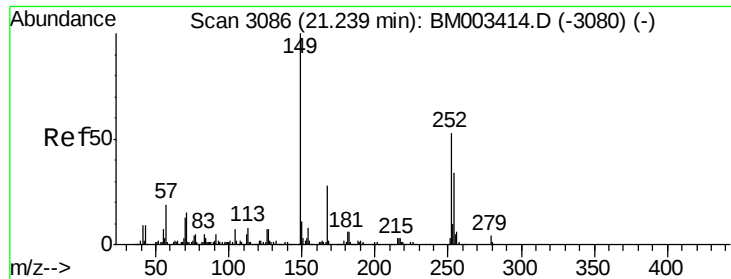
Tot Ion:149 Resp: 1023356
Ion Ratio Lower Upper
149 100
91 84.1 50.1 75.1#
206 22.9 16.2 24.2



#80
Benzo(a)anthracene
Concen: 40.53 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:228 Resp: 2759477
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.5 16.0 24.0

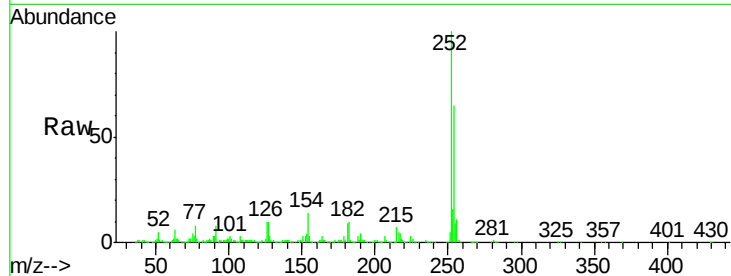




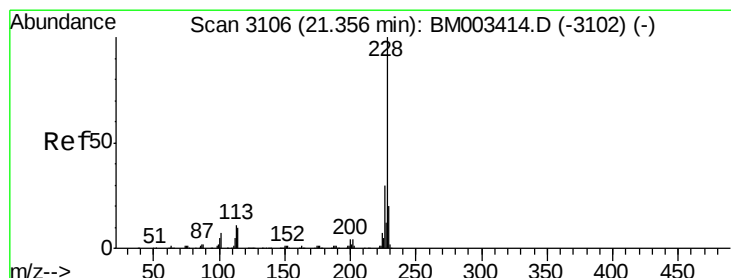
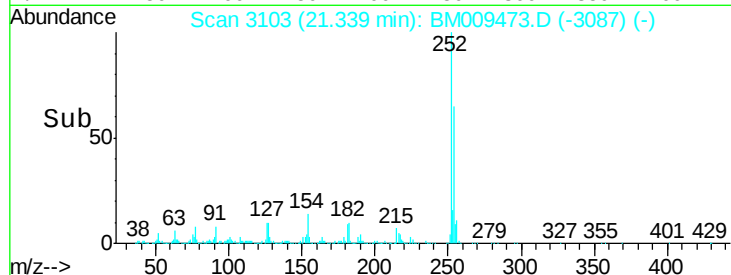
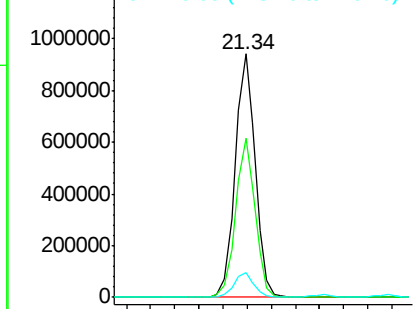
#81
 3,3'-Dichlorobenzidine
 Concen: 42.78 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 1090713
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.9 77.9
 126 10.1 9.8 14.8

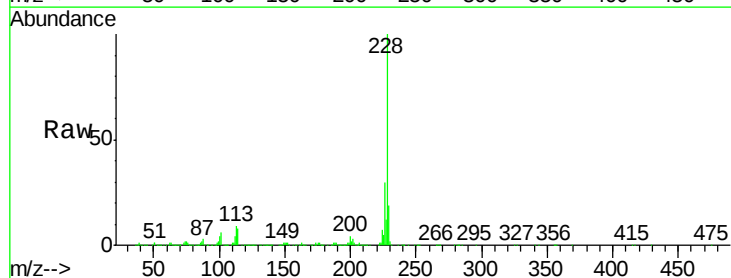


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

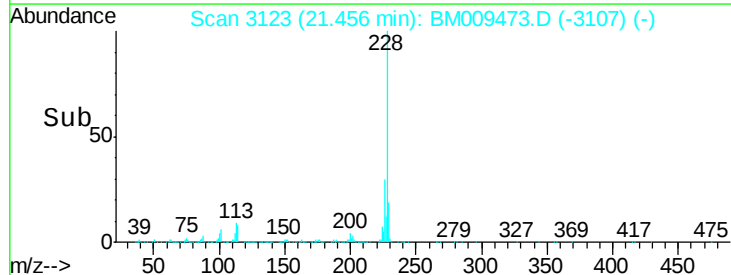
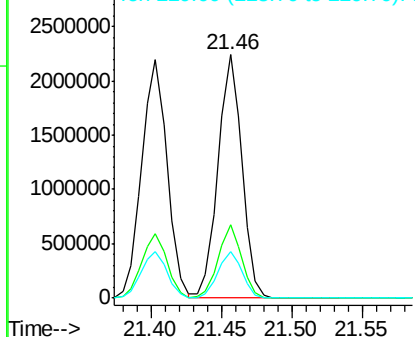


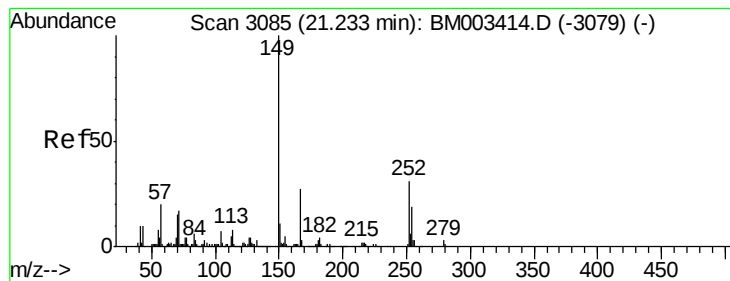
#82
 Chrysene
 Concen: 40.50 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Tgt Ion:228 Resp: 2632889
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 19.3 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.65 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

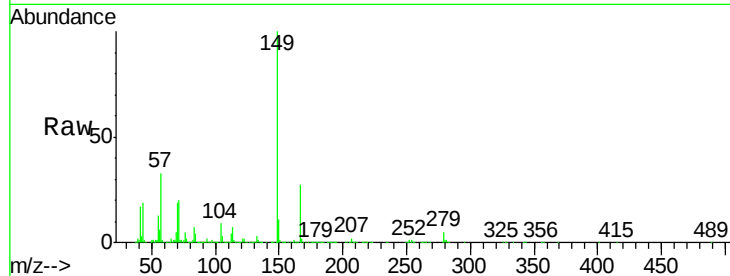
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1515216

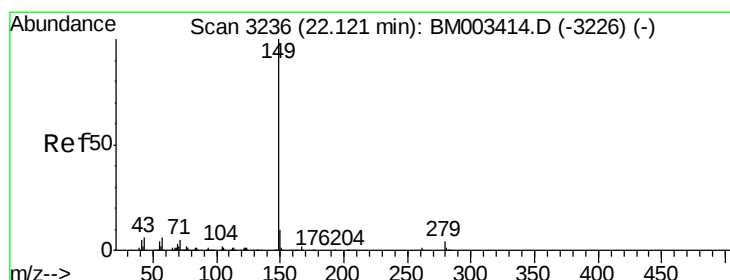
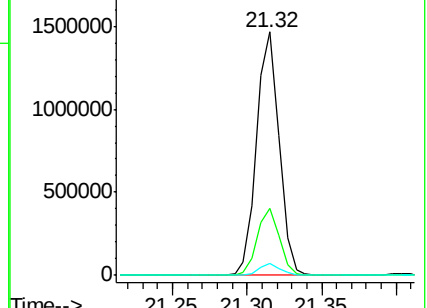
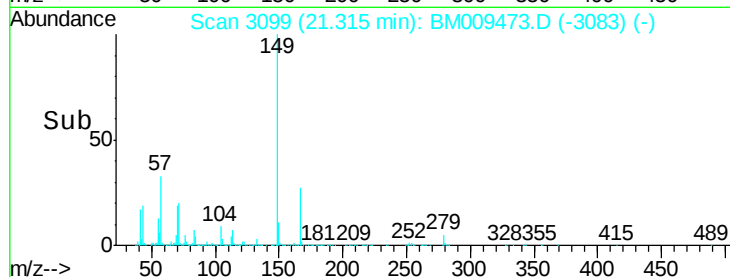
Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.4	33.6
279	4.8	3.4	5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.49 ng

RT: 22.22 min Scan# 3252

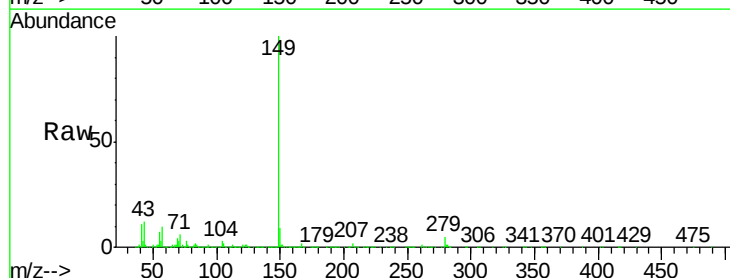
Delta R.T. -0.01 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Tgt Ion:149 Resp: 2630185

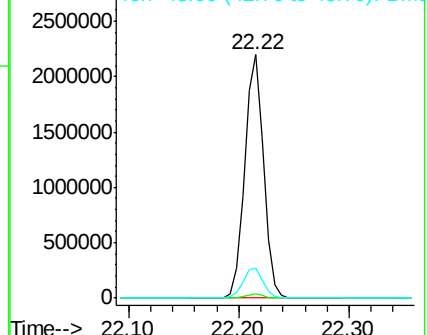
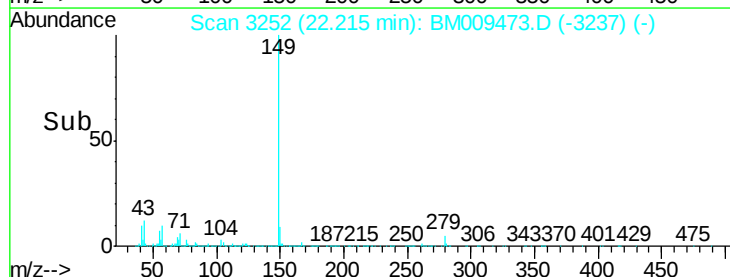
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.1	7.3	10.9

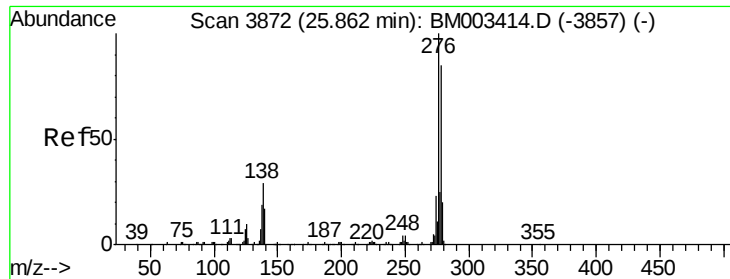


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

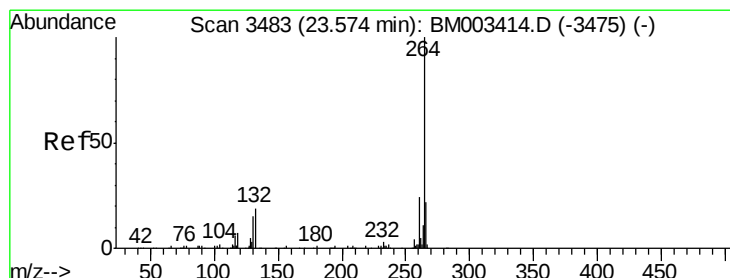
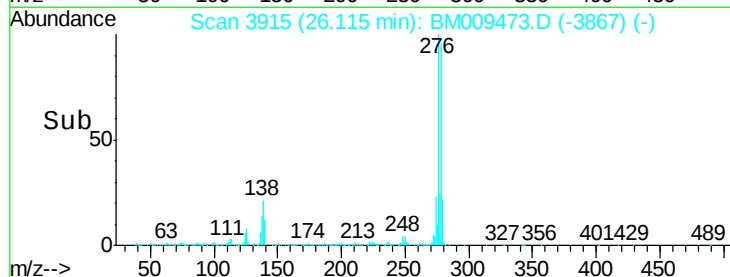
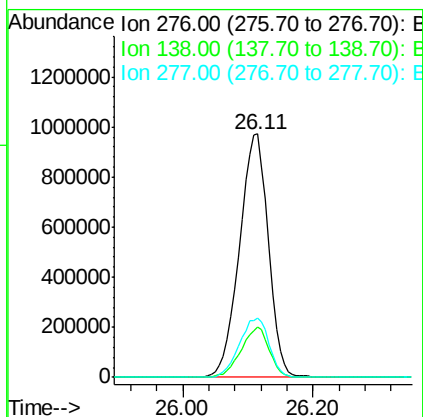
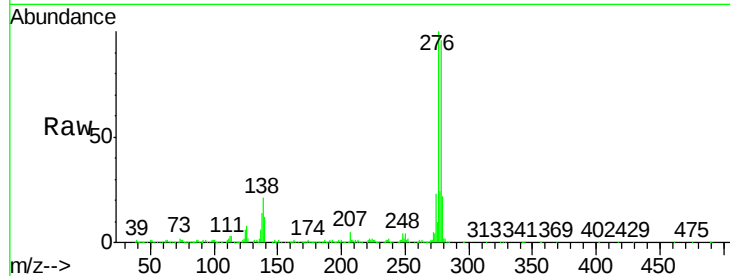




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.12 ng
RT: 26.11 min Scan# 3915
Delta R.T. -0.02 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

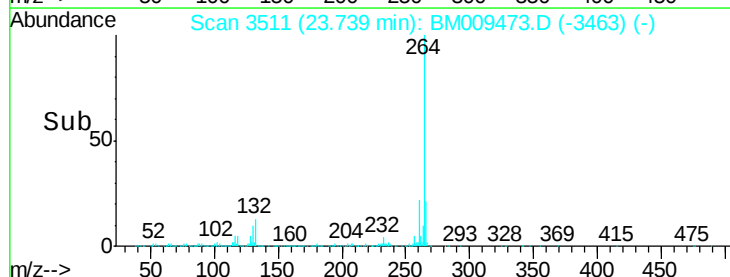
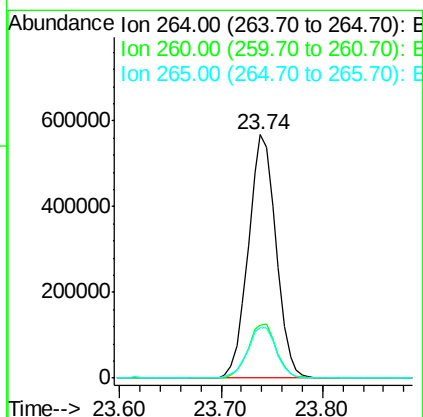
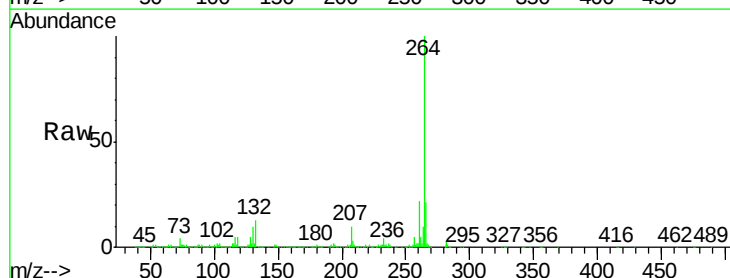
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

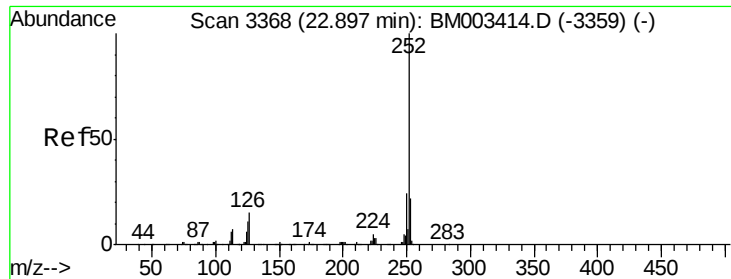
Tot Ion:276 Resp: 2986289
Ion Ratio Lower Upper
276 100
138 20.1 0.0 0.0#
277 25.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009473.D
Acq: 31 Mar 2017 14:02

Tgt Ion:264 Resp: 1076282
Ion Ratio Lower Upper
264 100
260 21.9 18.6 27.8
265 20.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 41.50 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

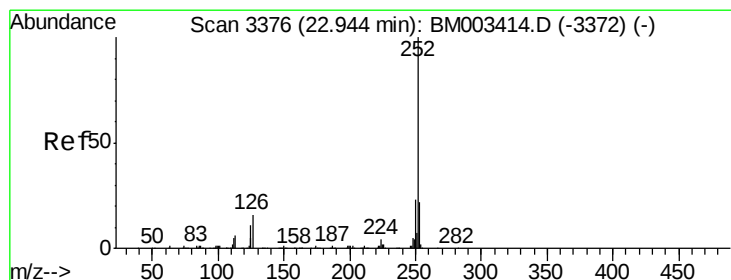
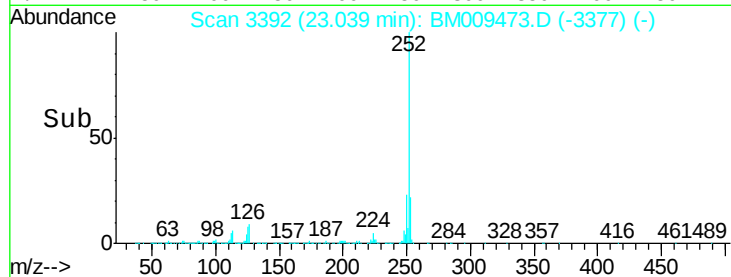
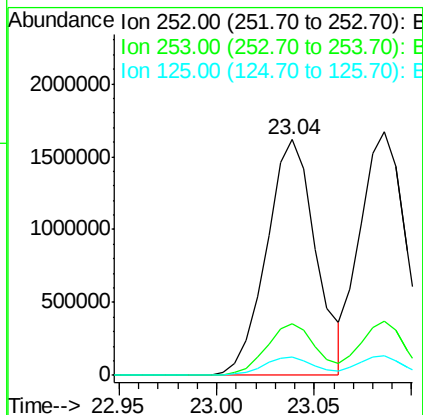
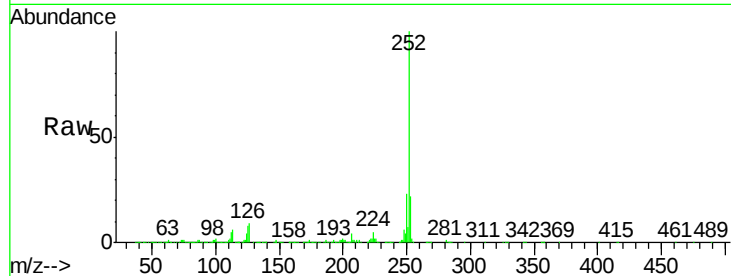
Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 2831417

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.0	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 40.98 ng

RT: 23.09 min Scan# 3400

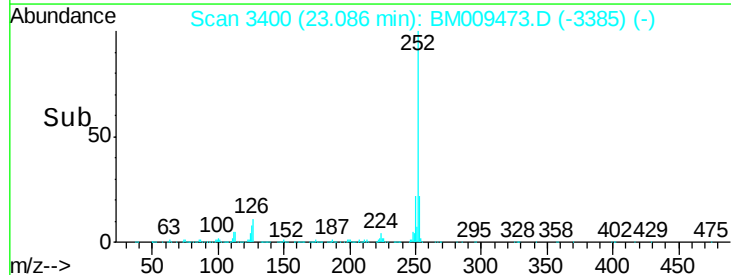
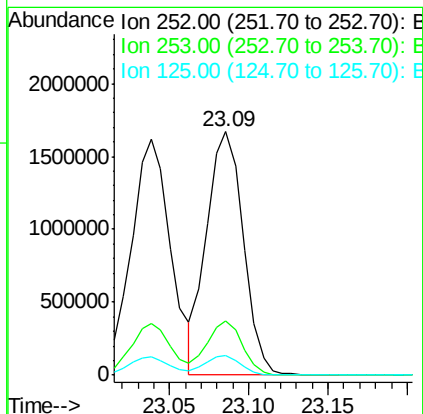
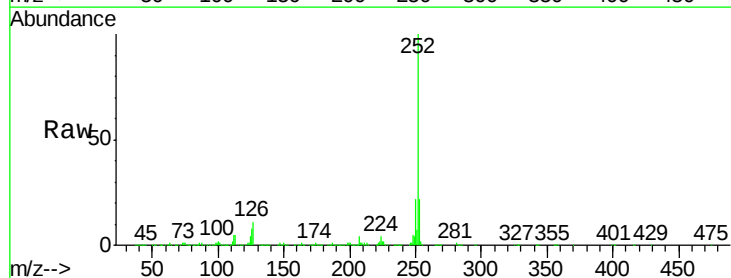
Delta R.T. -0.01 min

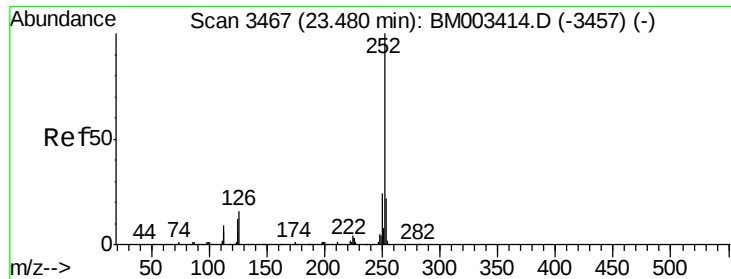
Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Tgt Ion:252 Resp: 2688755

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	7.9	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 41.98 ng

RT: 23.64 min Scan# 3494

Delta R.T. -0.02 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Instrument :

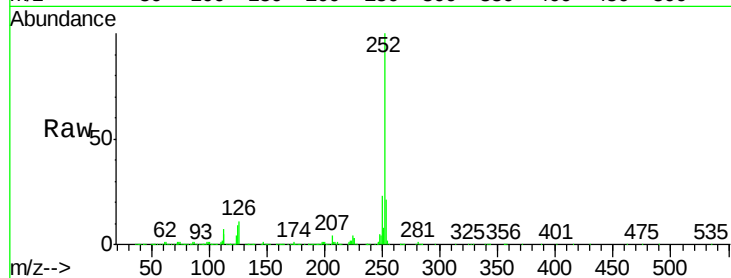
BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 2652209

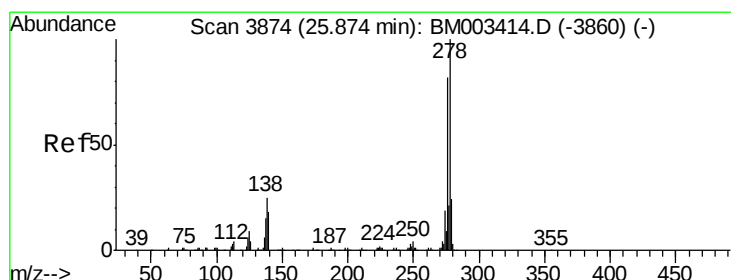
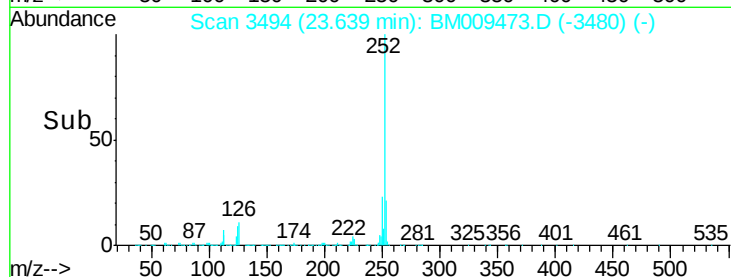
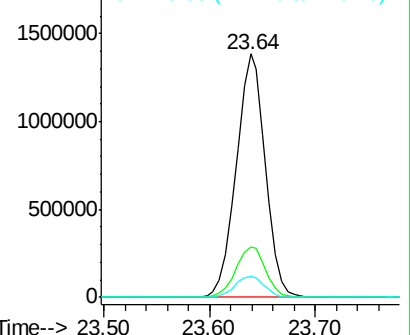
Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.6	26.4
125	8.6	7.4	11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.69 ng

RT: 26.12 min Scan# 3916

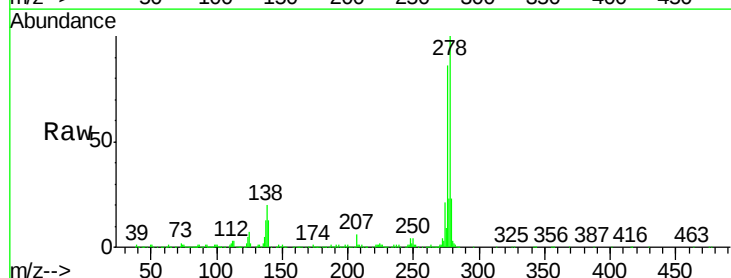
Delta R.T. -0.02 min

Lab File: BM009473.D

Acq: 31 Mar 2017 14:02

Tgt Ion:278 Resp: 2579994

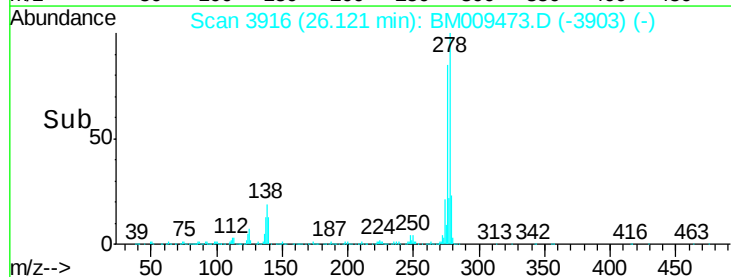
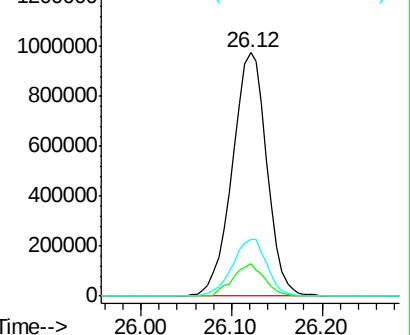
Ion	Ratio	Lower	Upper
278	100		
139	13.2	13.4	20.0#
279	23.3	19.0	28.4

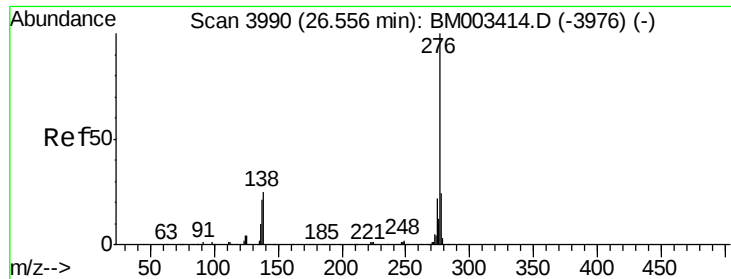


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.44 ng
 RT: 26.84 min Scan# 4038
 Delta R.T. -0.02 min
 Lab File: BM009473.D
 Acq: 31 Mar 2017 14:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 2500372
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.5 27.7
 138 17.1 19.0 28.6#

