

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009475.D
 Acq On : 31 Mar 2017 16:00
 Operator : SJ/MA
 Sample : PB97966BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Quant Time: Mar 31 22:58:04 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	126437	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	509742	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	302893	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	700157	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	908120	20.00	ng	-0.01
86) Perylene-d12	23.74	264	877268	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1162506	153.26	ng	-0.01
7) Phenol-d6	7.01	99	1629894	157.57	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1169900	86.05	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	596990	158.65	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2292062	91.18	ng	-0.01
78) Terphenyl-d14	19.86	244	3423830	78.78	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	131724	34.53	ng	# 100
3) Pyridine	3.75	79	415726	38.57	ng	# 84
4) n-Nitrosodimethylamine	3.67	42	256298	44.66	ng	# 68
6) Aniline	7.18	93	387308	27.55	ng	# 92
8) 2-Chlorophenol	7.41	128	392016	50.97	ng	# 82
9) Benzaldehyde	7.00	77	84478	10.38	ng	# 83
10) Phenol	7.03	94	576869	51.47	ng	# 91
11) bis(2-Chloroethyl)ether	7.27	93	405197	44.11	ng	# 82
12) 1,3-Dichlorobenzene	7.73	146	406616	44.16	ng	# 89
13) 1,4-Dichlorobenzene	7.88	146	414945	43.61	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	413939	44.80	ng	# 92
15) Benzyl Alcohol	8.09	79	454571	50.27	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.38	45	680911	42.64	ng	# 98
17) 2-Methylphenol	8.28	107	365846	49.88	ng	# 86
18) Hexachloroethane	8.92	117	171794	44.14	ng	# 88
19) n-Nitroso-di-n-propylamine	8.65	70	393889	47.23	ng	# 88
20) 3+4-Methylphenols	8.61	107	488826	49.02	ng	# 93
22) Acetophenone	8.67	105	651657	45.33	ng	# 91
24) Nitrobenzene	9.06	77	589061	44.23	ng	# 92
25) Isophorone	9.57	82	973512	46.94	ng	# 91
26) 2-Nitrophenol	9.76	139	189642	47.21	ng	# 49
27) 2,4-Dimethylphenol	9.82	122	376915	51.29	ng	# 79
28) bis(2-Chloroethoxy)methane	10.06	93	575461	44.81	ng	# 99
29) 2,4-Dichlorophenol	10.29	162	389607	50.71	ng	# 96
30) 1,2,4-Trichlorobenzene	10.50	180	427828	44.88	ng	# 97
31) Naphthalene	10.70	128	1186270	43.85	ng	# 99
32) Benzoic acid	9.94	122	215644	41.51	ng	# 77
33) 4-Chloroaniline	10.81	127	150677	14.44	ng	# 81
34) Hexachlorobutadiene	10.96	225	268340	41.11	ng	# 95
35) Caprolactam	11.59	113	114319	48.74	ng	# 66
36) 4-Chloro-3-methylphenol	11.93	107	449090	51.67	ng	# 78
37) 2-Methylnaphthalene	12.30	142	890067	47.66	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	499147	43.65	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	654670	99.74	ng	# 99

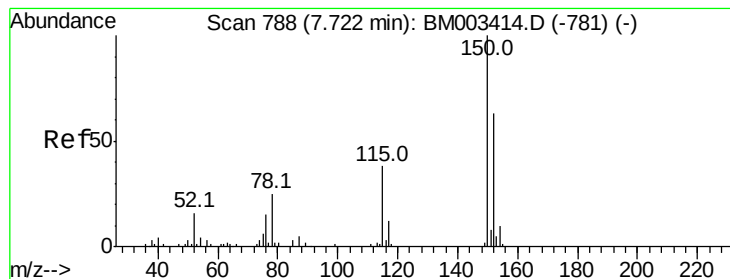
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	335608	51.33	nq	99
43) 2,4,5-Trichlorophenol	12.99	196	348915	47.83	nq	# 89
45) 1,1'-Biphenyl	13.32	154	1186697	47.07	nq	97
46) 2-Chloronaphthalene	13.36	162	925940	47.29	nq	97
47) 2-Nitroaniline	13.58	65	362879	50.30	nq	# 72
48) Acenaphthylene	14.22	152	1468074	46.03	nq	100
49) Dimethylphthalate	13.94	163	1146571	49.30	nq	99
50) 2,6-Dinitrotoluene	14.07	165	244113	48.71	nq	# 67
51) Acenaphthene	14.56	154	886250	46.06	nq	98
52) 3-Nitroaniline	14.40	138	126404	25.60	nq	# 51
53) 2,4-Dinitrophenol	14.62	184	273038	80.73	nq	96
54) Dibenzofuran	14.89	168	1448264	50.89	nq	94
55) 4-Nitrophenol	14.71	139	417939	102.41	nq	# 31
56) 2,4-Dinitrotoluene	14.86	165	349603	51.56	nq	# 95
57) Fluorene	15.54	166	1188414	46.47	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	330891	53.62	nq	# 100
59) Diethylphthalate	15.31	149	1181057	50.06	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	620351	46.45	nq	98
61) 4-Nitroaniline	15.57	138	254110	47.38	nq	# 27
62) Azobenzene	15.83	77	1486571	53.98	nq	87
64) 4,6-Dinitro-2-methylphenol	15.62	198	201810	45.75	nq	89
65) n-Nitrosodiphenylamine	15.75	169	1026433	48.26	nq	100
66) 4-Bromophenyl-phenylether	16.43	248	380713	46.93	nq	# 90
67) Hexachlorobenzene	16.54	284	404959	45.54	nq	# 88
68) Atrazine	16.70	200	360815	45.11	nq	95
69) Pentachlorophenol	16.89	266	513647	94.56	nq	98
70) Phenanthrene	17.29	178	1858410	46.42	nq	99
71) Anthracene	17.37	178	1930122	47.62	nq	100
72) Carbazole	17.64	167	1722915	44.38	nq	97
73) Di-n-butylphthalate	18.20	149	1996260	50.34	nq	# 97
74) Fluoranthene	19.30	202	2243948	47.32	nq	98
76) Benzidine	19.49	184	795164	29.38	nq	98
77) Pyrene	19.66	202	2350656	45.64	nq	99
79) Butylbenzylphthalate	20.55	149	950694	51.26	nq	# 77
80) Benzo(a)anthracene	21.40	228	2507929	47.28	nq	98
81) 3,3'-Dichlorobenzidine	21.34	252	525975	26.48	nq	# 97
82) Chrysene	21.46	228	2258189	44.59	nq	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1396608	50.46	nq	99
84) Di-n-octyl phthalate	22.21	149	2493809	54.14	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2951240	53.43	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	2645028	47.57	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	2450513	45.82	nq	97
89) Benzo(a)pyrene	23.64	252	2501172	48.57	nq	100
90) Dibenzo(a,h)anthracene	26.12	278	2500463	49.57	nq	# 95
91) Benzo(g,h,i)perylene	26.84	276	2419409	49.20	nq	# 94

(#) = 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: BM009475.D

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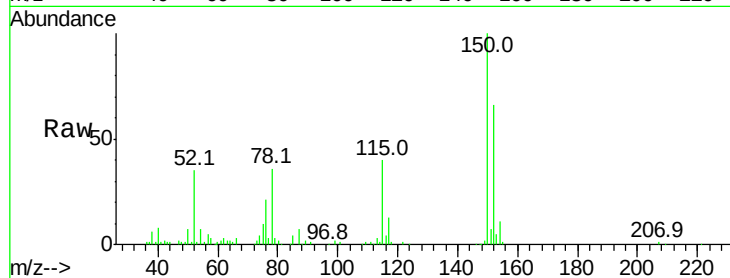
Tot Ion:152 Resp: 126437

Ion Ratio Lower Upper

152 100

150 150.9 119.5 179.3

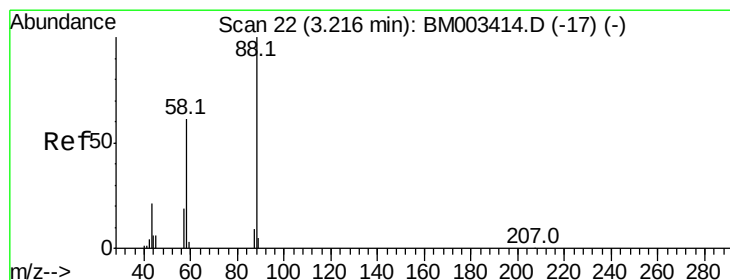
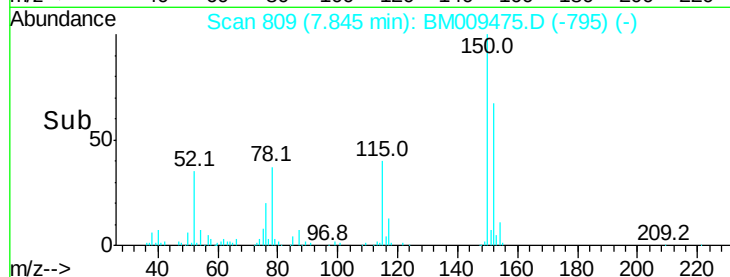
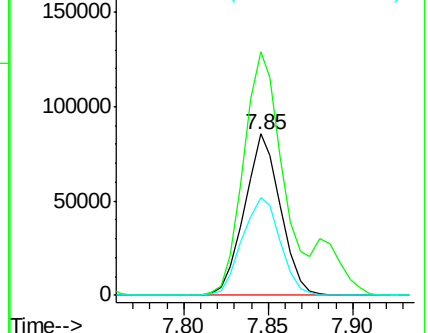
115 60.6 43.0 64.4



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: 34.53 ng

RT: 3.36 min Scan# 46

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

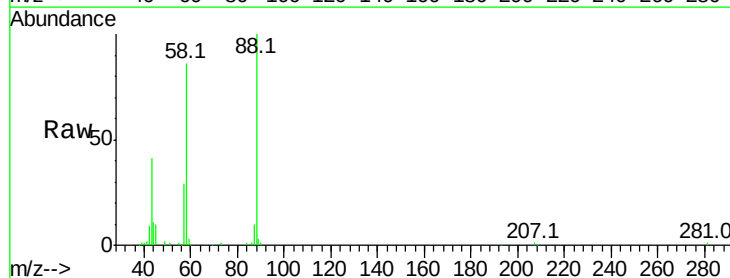
Tgt Ion: 88 Resp: 131724

Ion Ratio Lower Upper

88 100

58 84.9 0.0 0.0#

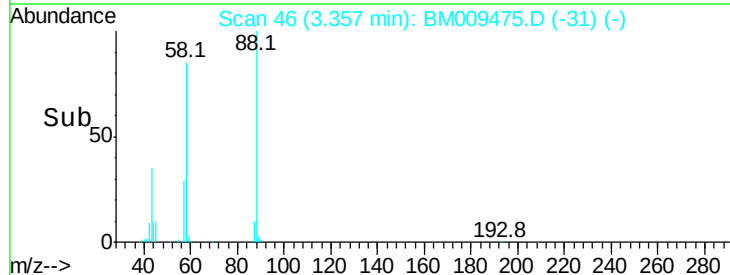
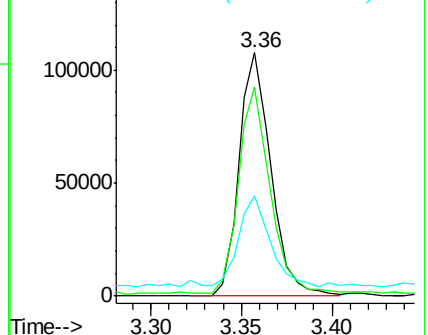
43 36.4 0.0 0.0#

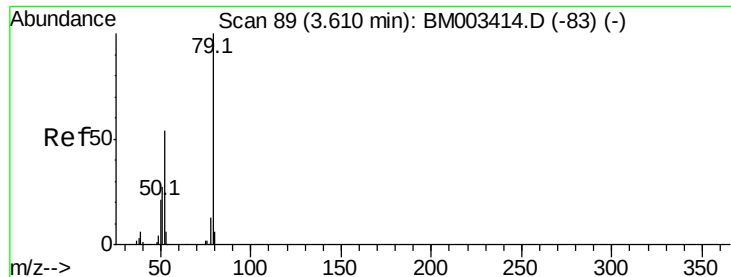


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 38.57 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

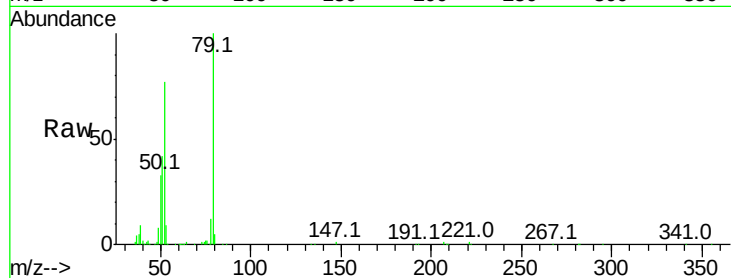
Tot Ion: 79 Resp: 415726

Ion Ratio Lower Upper

79 100

52 76.5 51.1 76.7

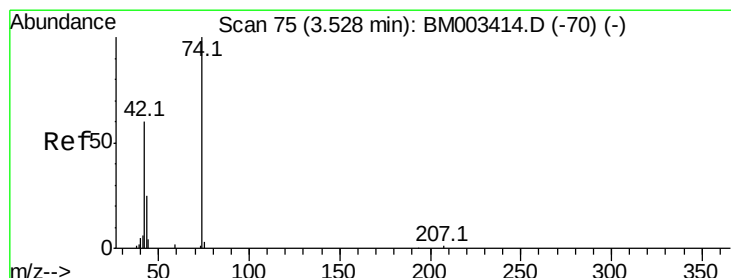
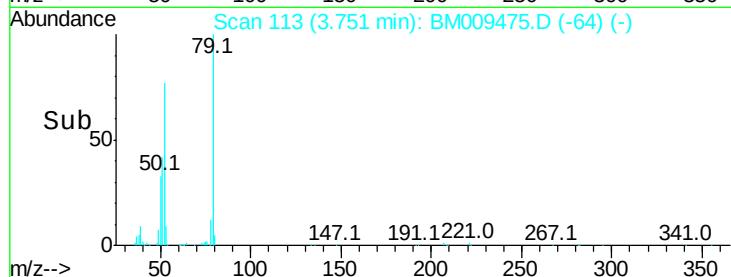
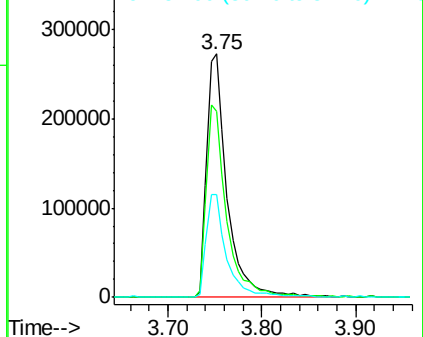
51 42.2 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM009475.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM009475.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM009475.D (-83) (-)



#4

n-Nitrosodimethylamine

Concen: 44.66 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

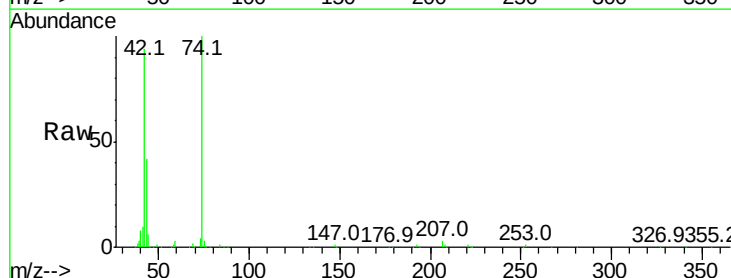
Tgt Ion: 42 Resp: 256298

Ion Ratio Lower Upper

42 100

74 106.8 119.3 178.9#

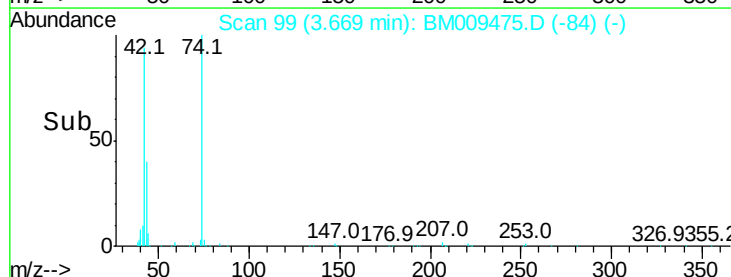
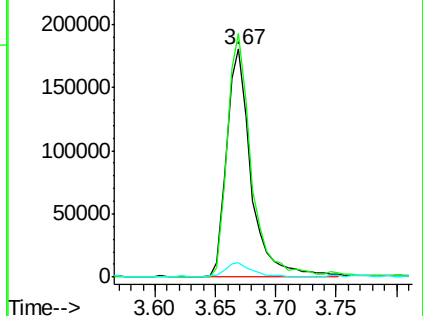
44 6.1 5.4 8.2

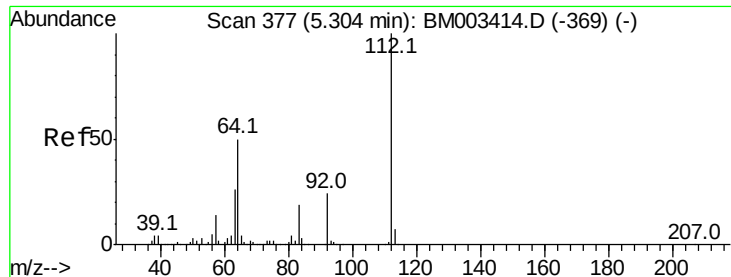


Abundance Ion 42.00 (41.70 to 42.70): BM009475.D (-84) (-)

Ion 74.00 (73.70 to 74.70): BM009475.D (-84) (-)

Ion 44.00 (43.70 to 44.70): BM009475.D (-84) (-)





#5

2-Fluorophenol

Concen: 153.26 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

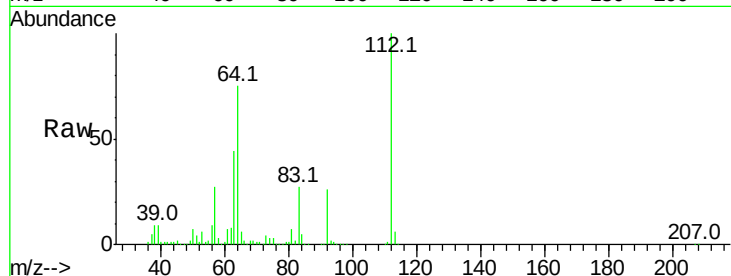
Tot Ion:112 Resp: 1162506

Ion Ratio Lower Upper

112 100

64 74.9 38.6 57.8#

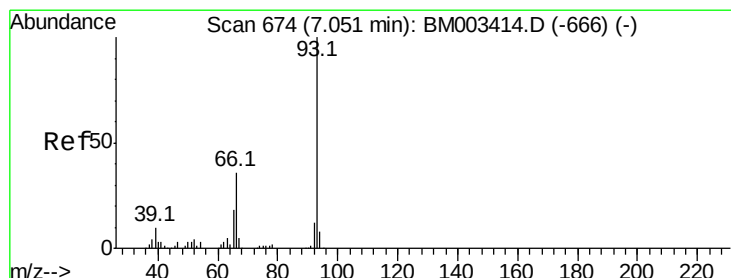
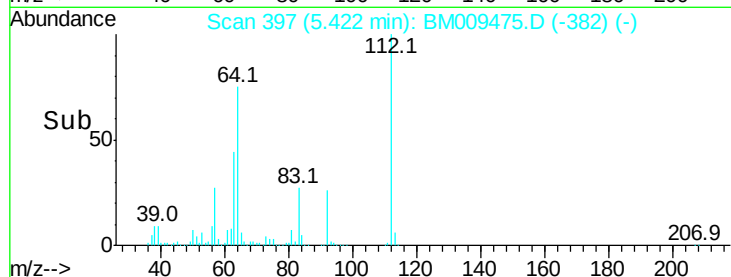
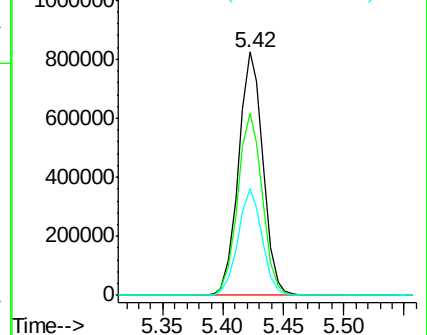
63 43.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 27.55 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

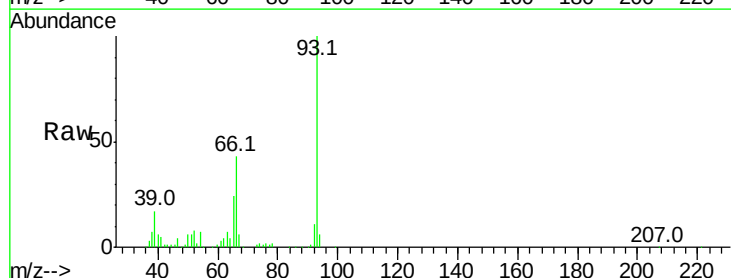
Tgt Ion: 93 Resp: 387308

Ion Ratio Lower Upper

93 100

66 43.4 30.8 46.2

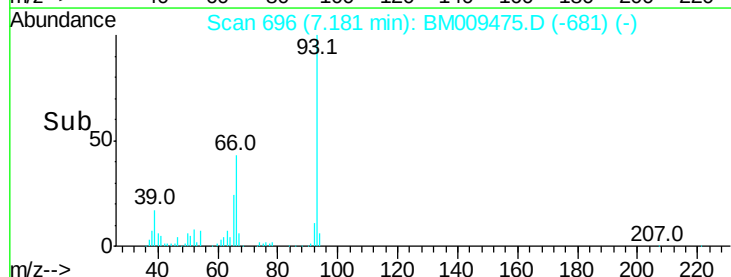
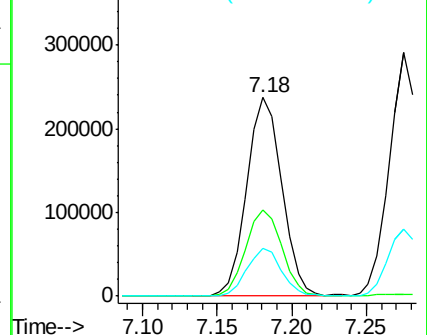
65 23.8 16.0 24.0

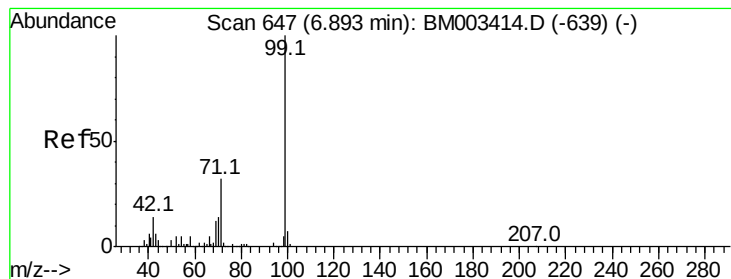


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 157.57 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

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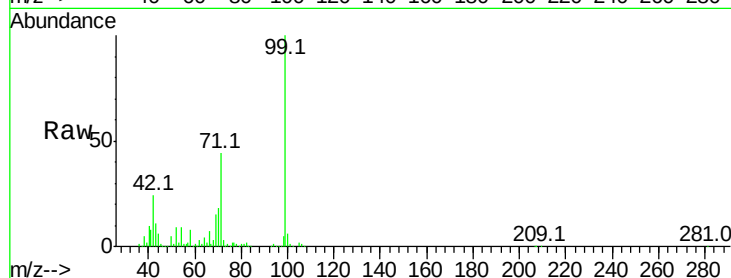
Tot Ion: 99 Resp: 1629894

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

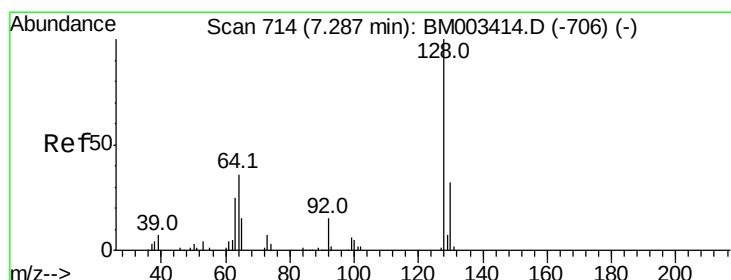
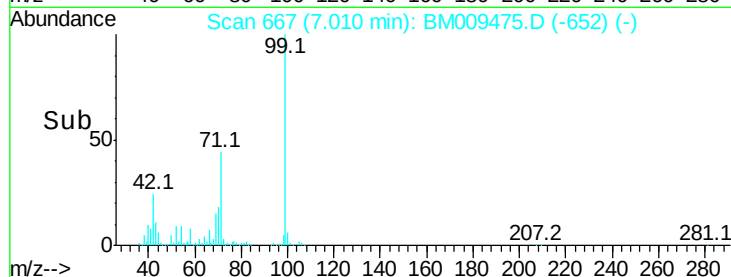
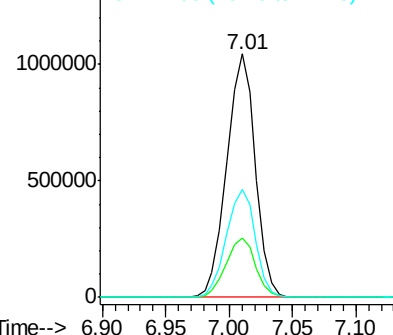
71 44.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009475.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009475.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009475.D (-652) (-)



#8

2-Chlorophenol

Concen: 50.97 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

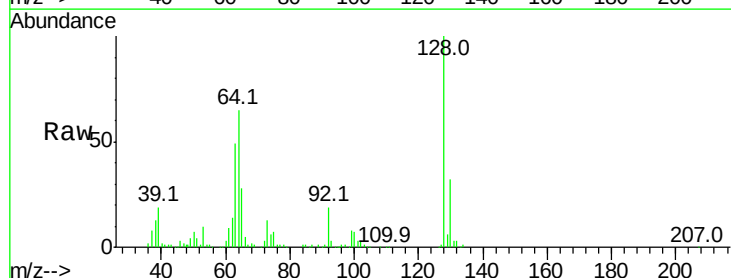
Tgt Ion:128 Resp: 392016

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

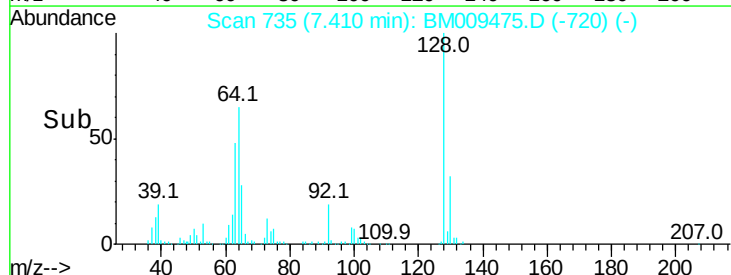
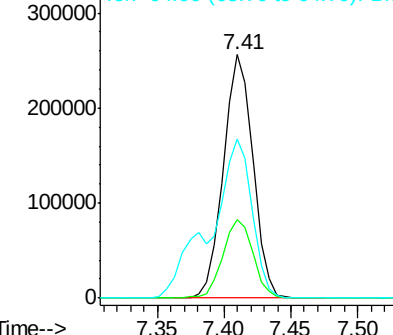
64 65.1 24.9 64.9#

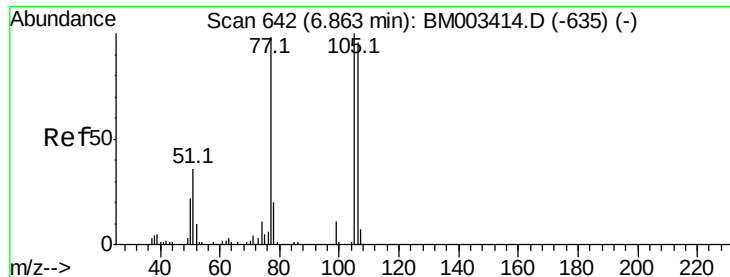


Abundance Ion 128.00 (127.70 to 128.70): BM009475.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM009475.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM009475.D (-720) (-)

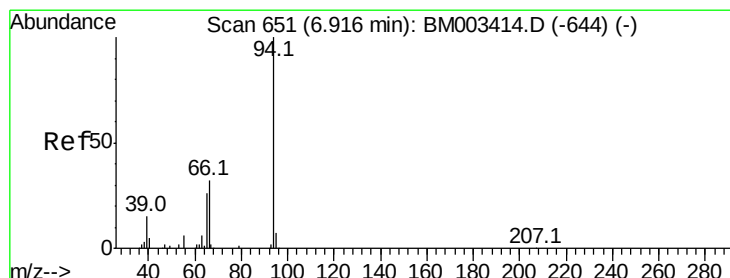
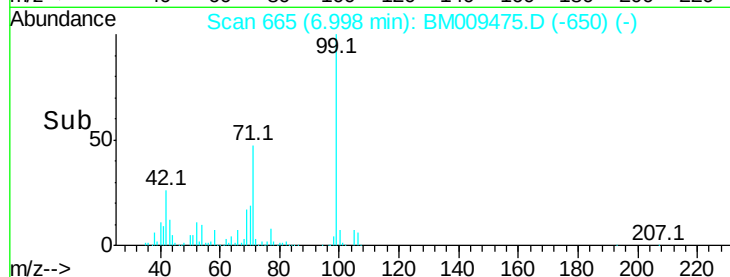
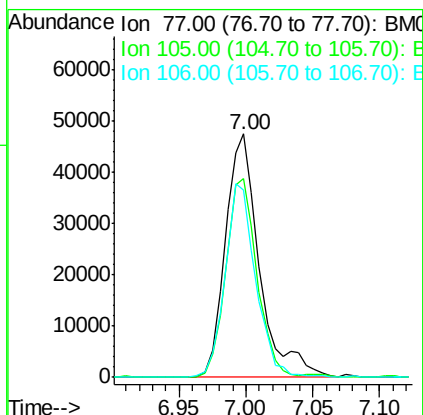
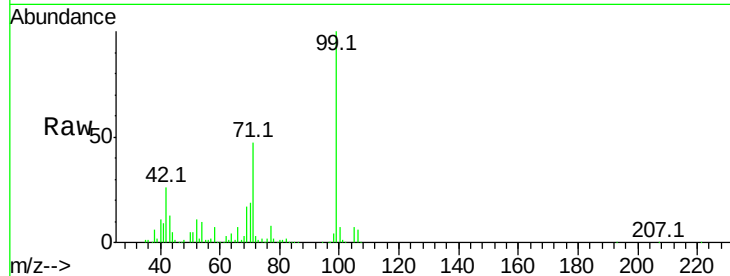




#9
Benzaldehyde
Concen: 10.38 ng
RT: 7.00 min Scan# 665
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

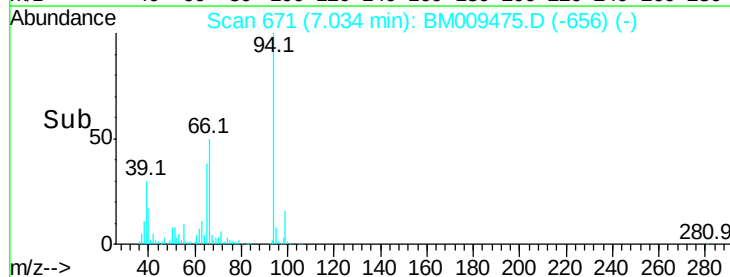
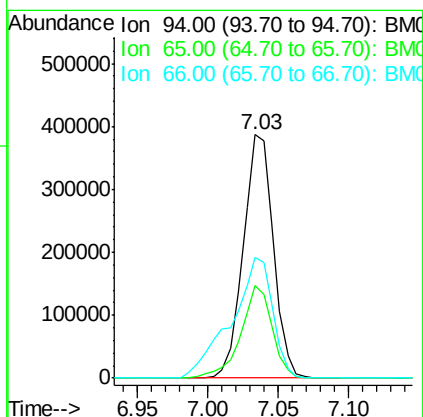
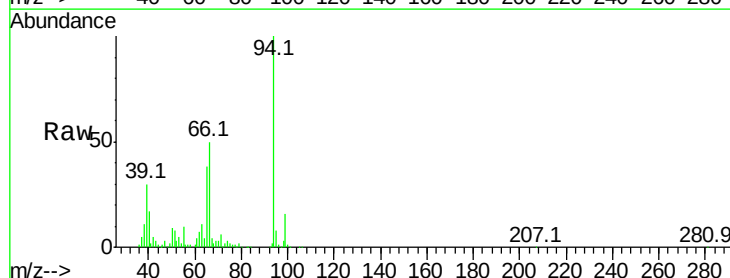
Instrument :
BNA_M
ClientSampleId :
PB97966BS

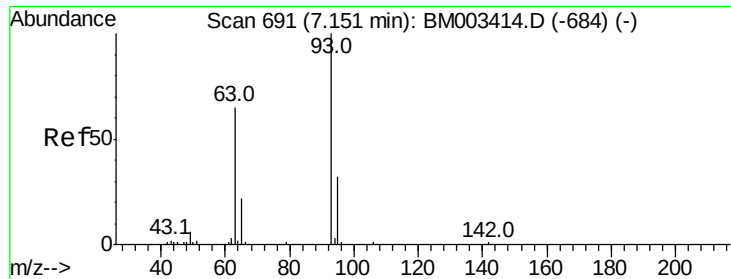
Tot Ion: 77 Resp: 84478
Ion Ratio Lower Upper
77 100
105 81.7 78.8 118.8
106 77.1 73.7 113.7



#10
Phenol
Concen: 51.47 ng
RT: 7.03 min Scan# 671
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion: 94 Resp: 576869
Ion Ratio Lower Upper
94 100
65 37.9 18.8 58.8
66 49.6 39.9 79.9

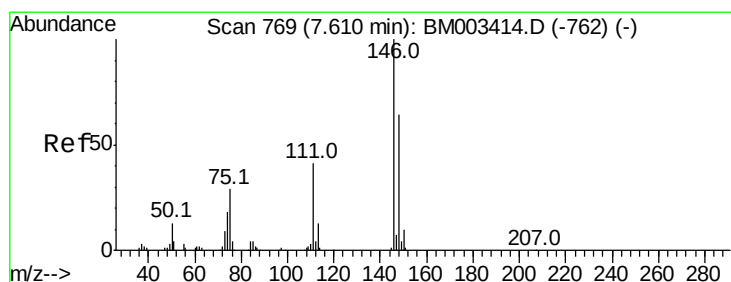
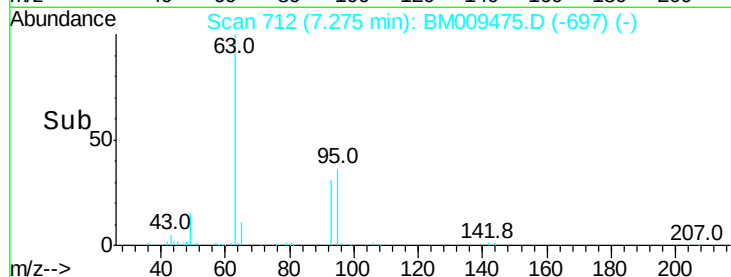
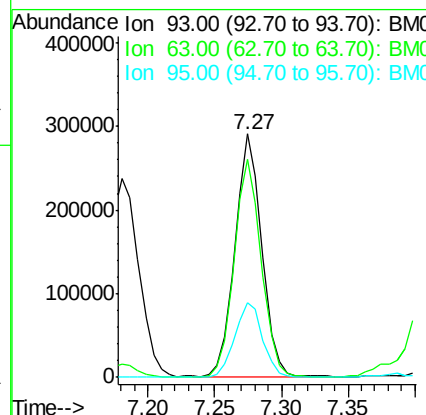
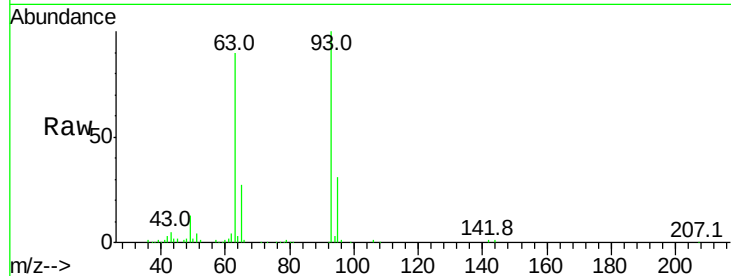




#11
bis(2-Chloroethyl)ether
Concen: 44.11 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

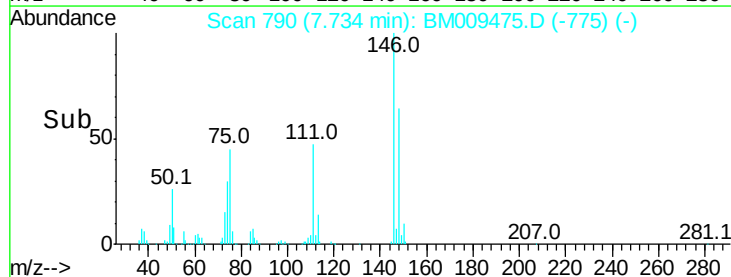
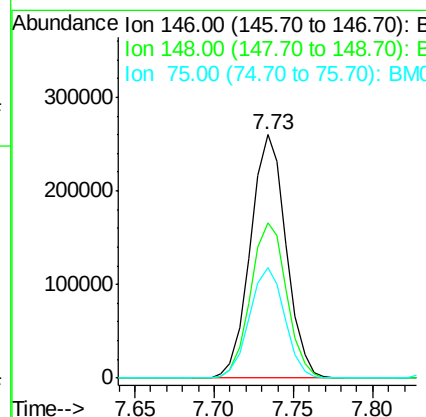
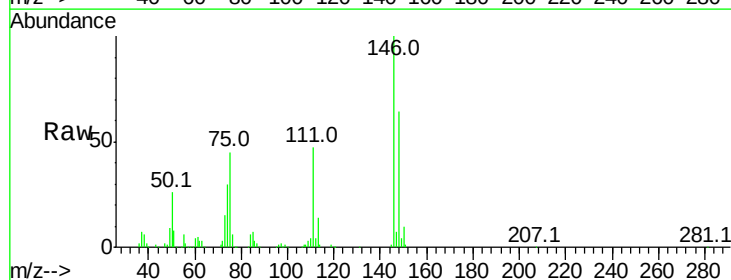
Instrument :
BNA_M
ClientSampleId :
PB97966BS

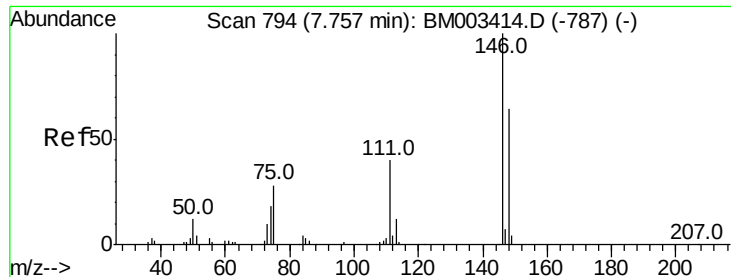
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	49.5	89.5#
95	30.6	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 44.16 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	45.4	21.4	32.2#

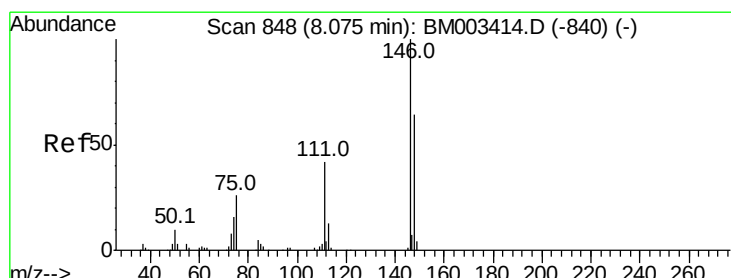
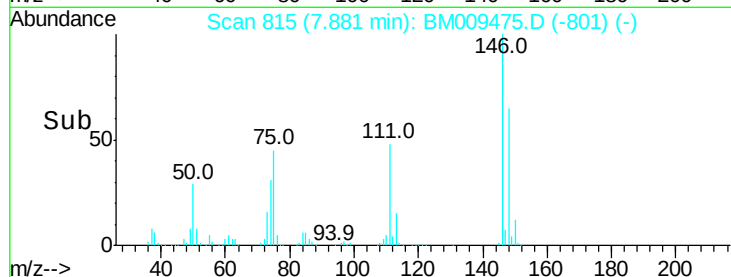
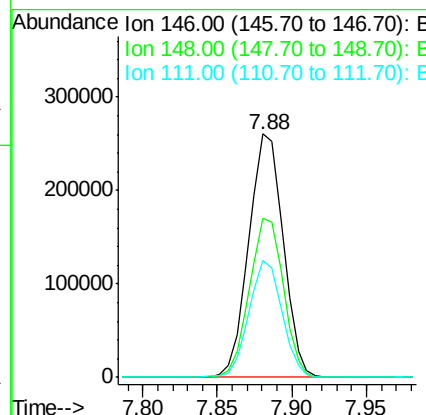
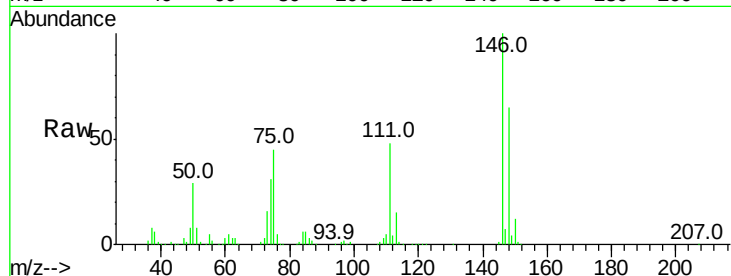




#13
 1,4-Dichlorobenzene
 Concen: 43.61 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

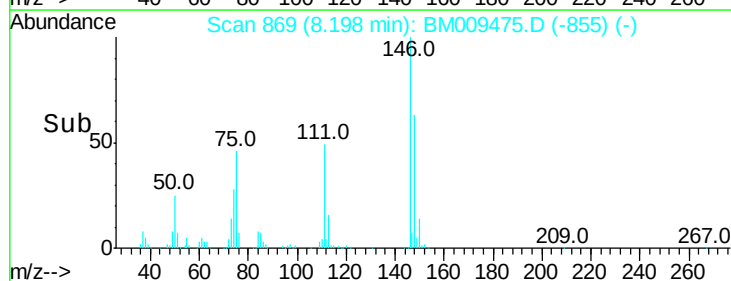
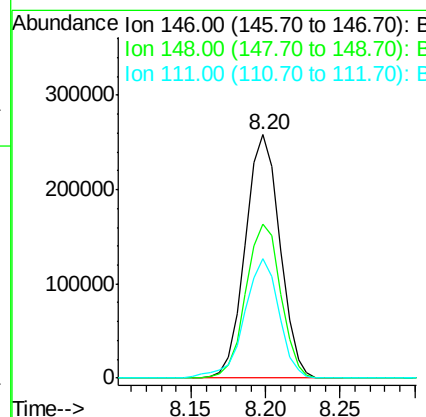
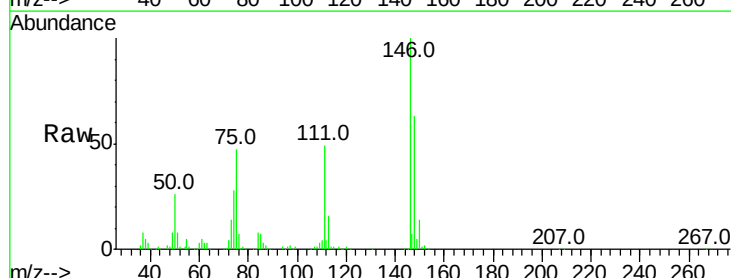
Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

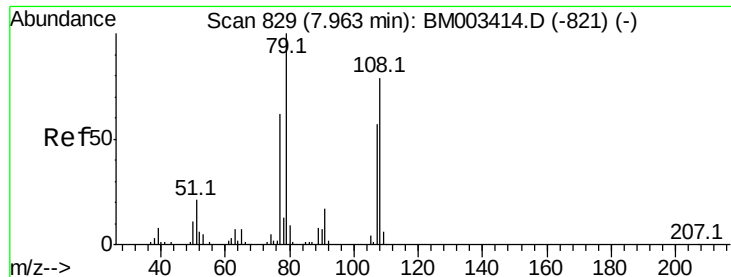
Tot Ion:146 Resp: 414945
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 47.8 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 44.80 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.02 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion:146 Resp: 413939
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.3 78.5
 111 49.1 30.6 45.8#

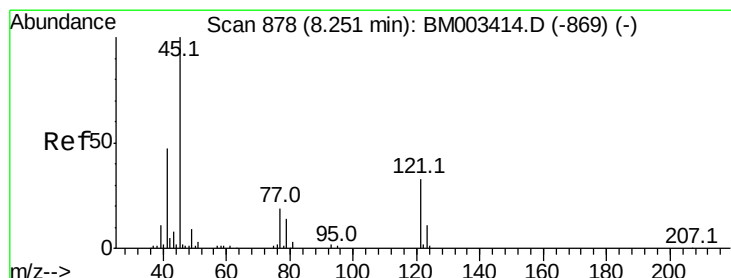
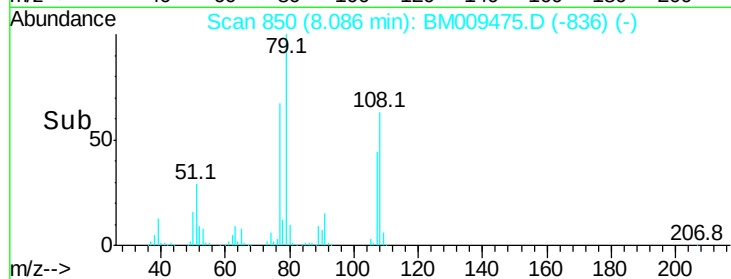
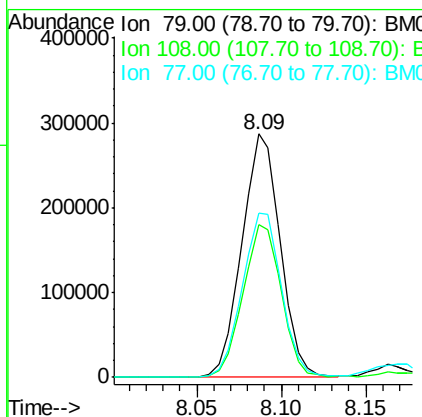
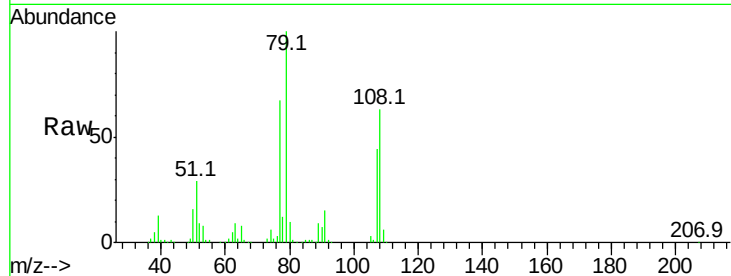




#15
Benzyl Alcohol
Concen: 50.27 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

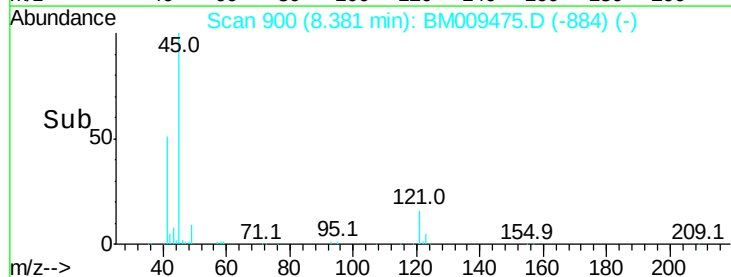
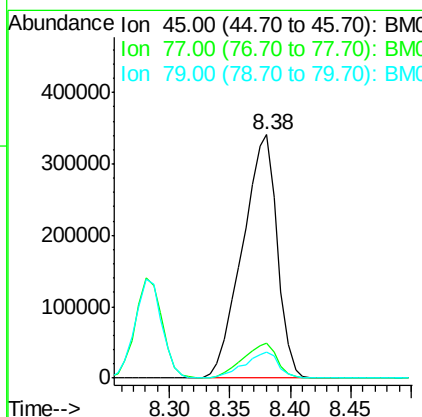
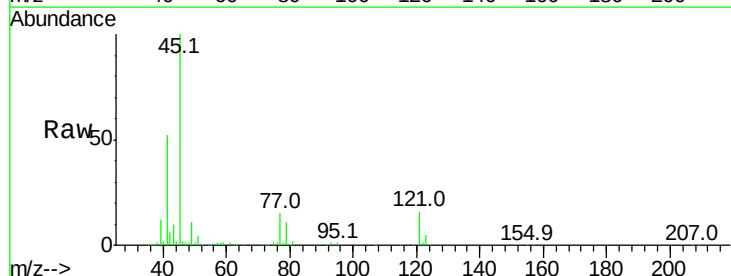
Instrument :
BNA_M
ClientSampleId :
PB97966BS

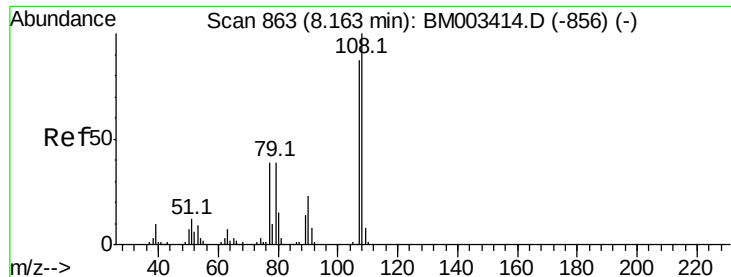
Tot Ion: 79 Resp: 454571
Ion Ratio Lower Upper
79 100
108 62.5 65.0 97.4#
77 67.4 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.64 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion: 45 Resp: 680911
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.2
79 10.7 0.0 32.0





#17

2-Methylphenol

Concen: 49.88 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

Tot Ion:107 Resp: 365846

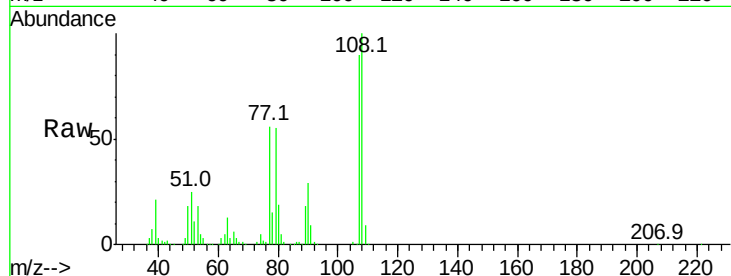
Ion Ratio Lower Upper

107 100

108 110.8 89.8 134.8

77 61.5 32.6 48.8#

79 60.6 32.8 49.2#

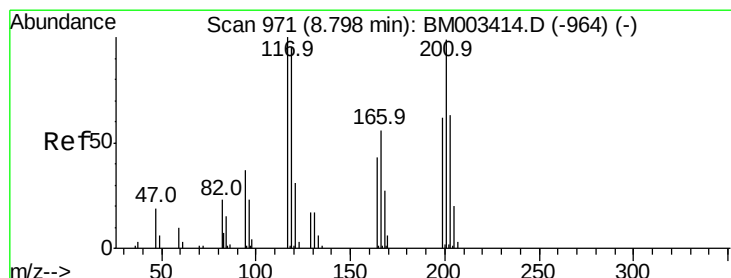
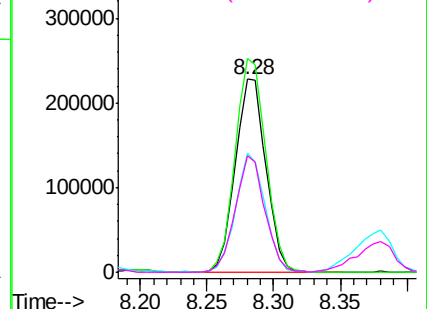
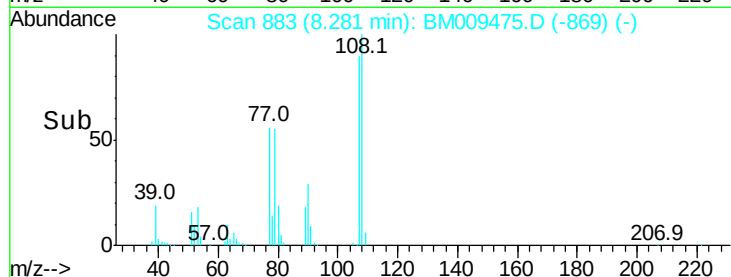


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 44.14 ng

RT: 8.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

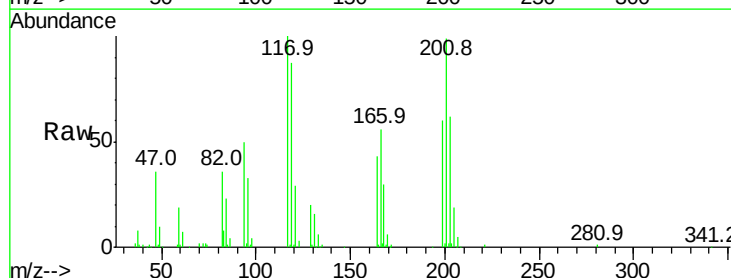
Tgt Ion:117 Resp: 171794

Ion Ratio Lower Upper

117 100

119 87.2 79.2 118.8

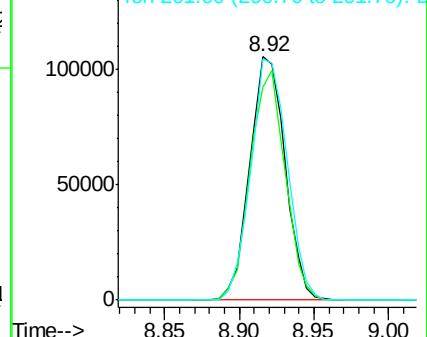
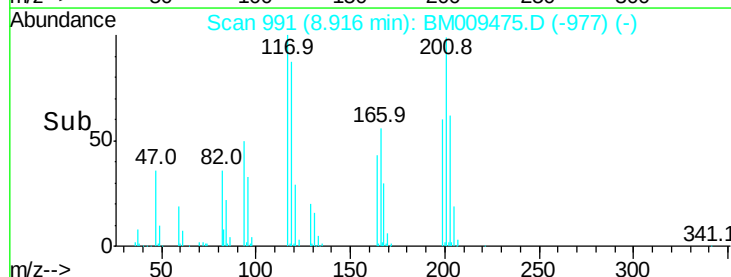
201 98.8 69.8 104.6

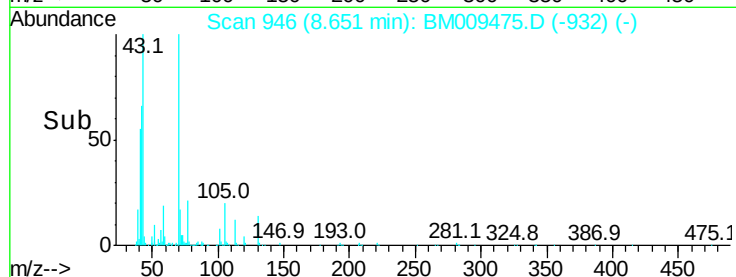
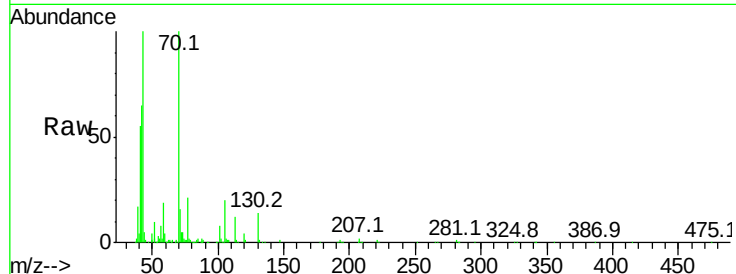
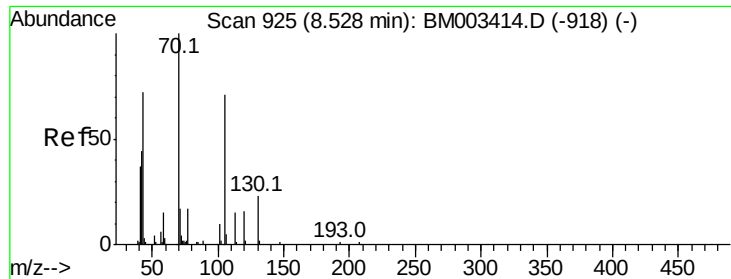


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

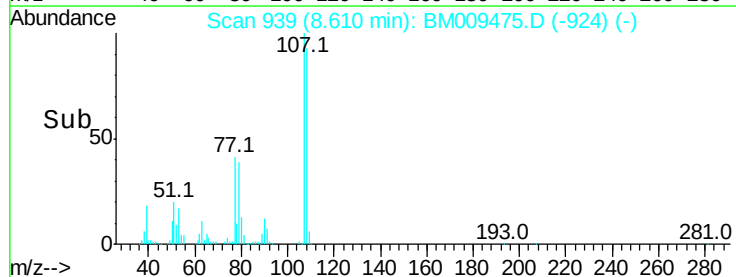
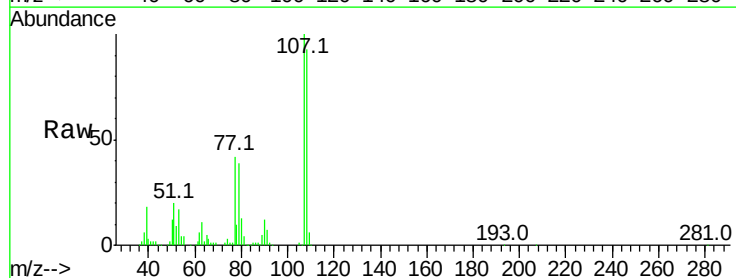
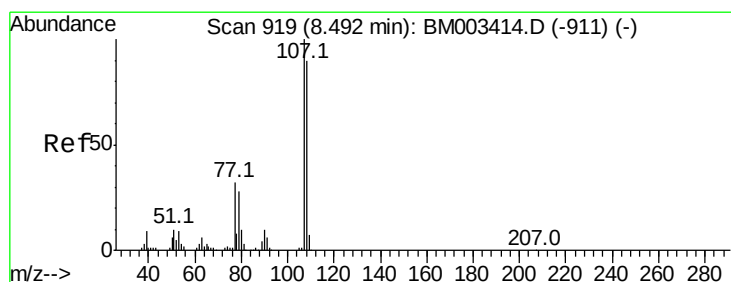
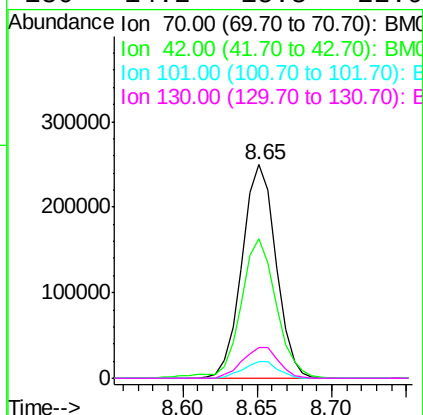




#19
n-Nitroso-di-n-propylamine
Concen: 47.23 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

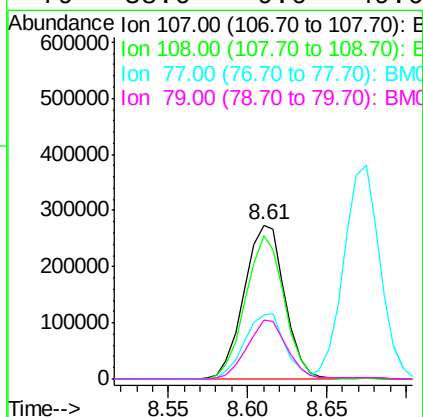
Instrument :
BNA_M
ClientSampleId :
PB97966BS

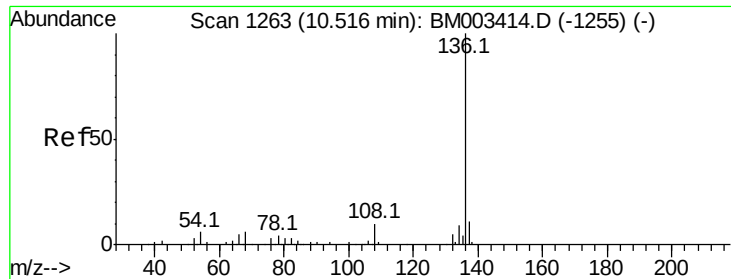
Tot Ion:	70	Resp:	393889
Ion	Ratio	Lower	Upper
70	100		
42	65.4	44.5	66.7
101	7.6	7.4	11.2
130	14.2	15.3	22.9#



#20
3+4-Methylphenols
Concen: 49.02 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:	107	Resp:	488826
Ion	Ratio	Lower	Upper
107	100		
108	93.5	73.2	113.2
77	41.5	10.7	50.7
79	38.6	9.6	49.6

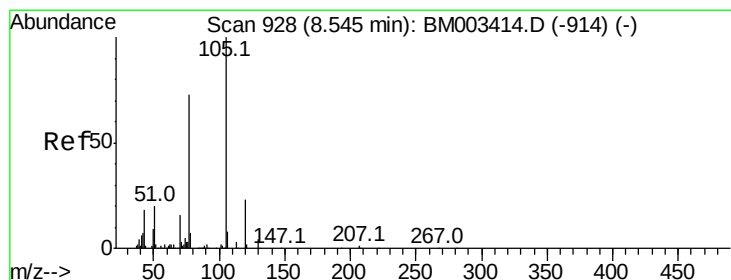
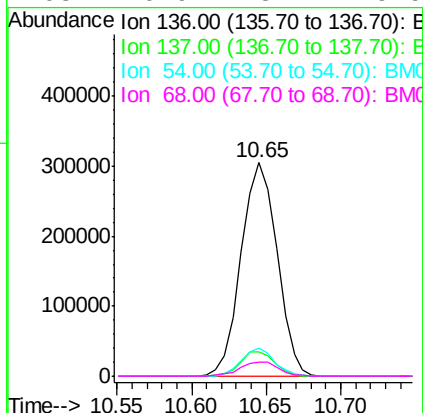
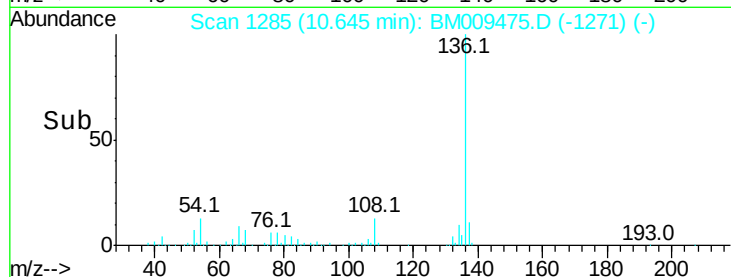
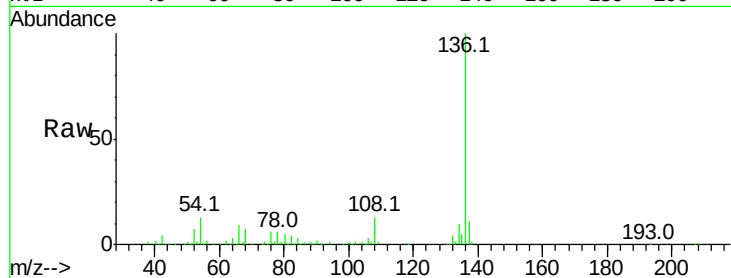




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

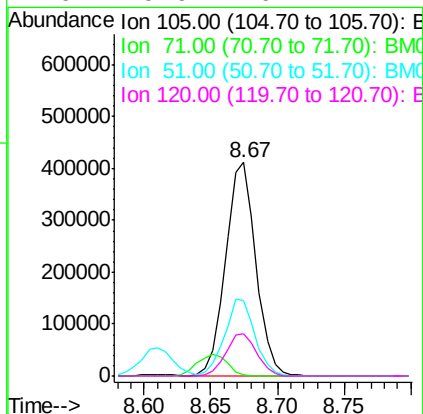
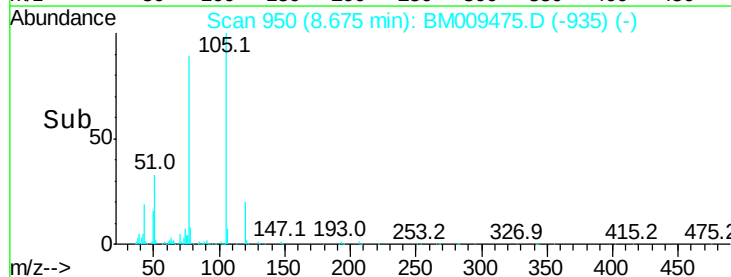
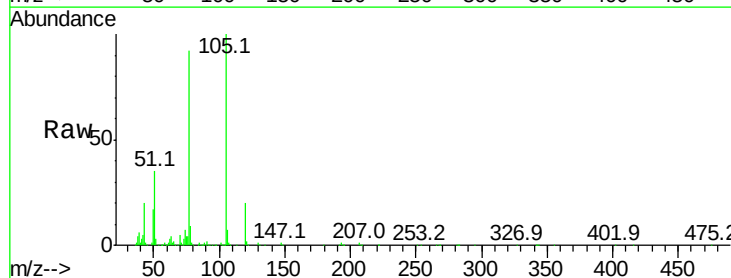
Instrument :
BNA_M
ClientSampleId :
PB97966BS

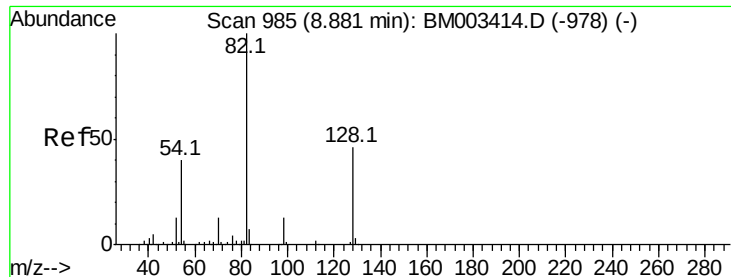
Tot Ion:136	Resp:	509742	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.7	13.1	
54 13.0	4.6	6.8#	
68 6.9	3.7	5.5#	



#22
Acetophenone
Concen: 45.33 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt	Ion:105	Resp:	651657
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.6	1.0
51	35.1	21.6	32.4#
120	19.9	16.1	24.1

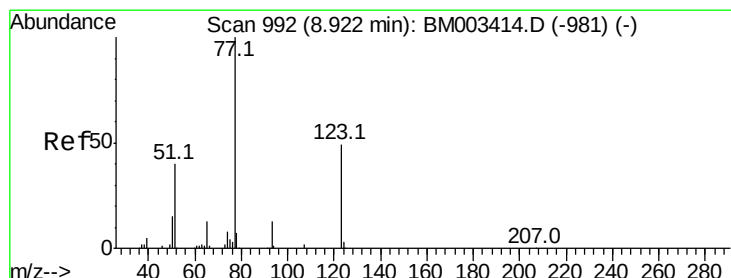
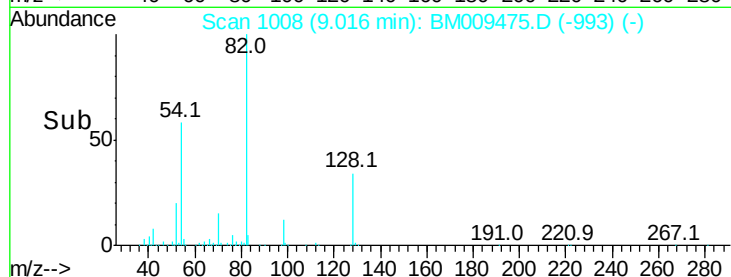
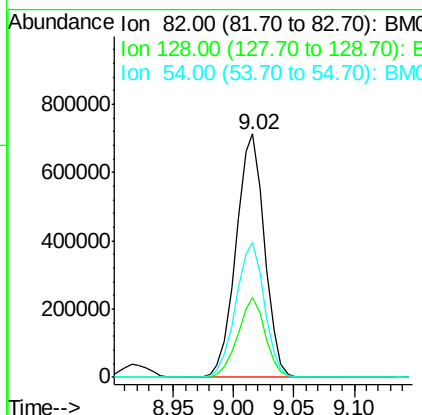
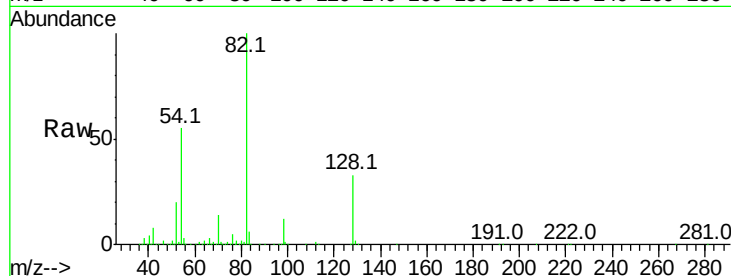




#23
 Nitrobenzene-d5
 Concen: 86.05 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

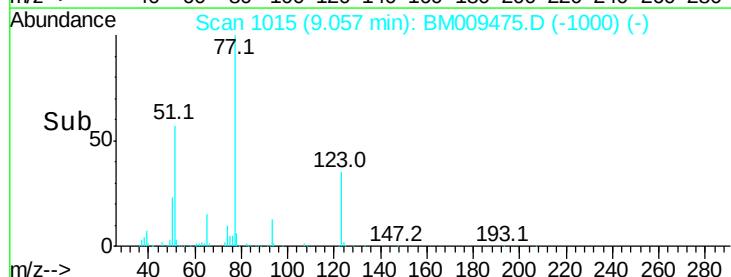
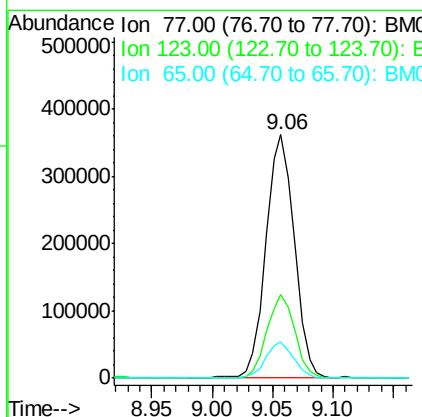
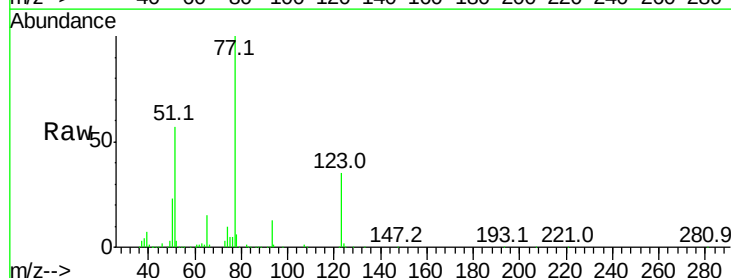
Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

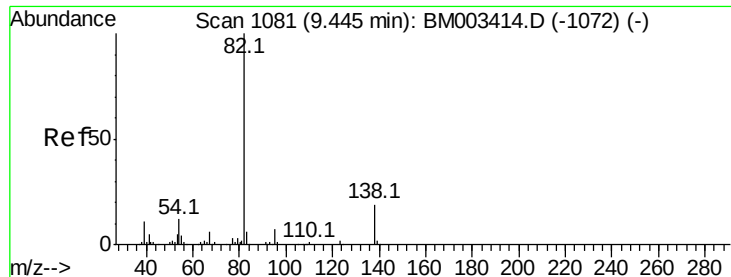
Tot Ion: 82 Resp: 1169900
 Ion Ratio Lower Upper
 82 100
 128 32.9 32.8 49.2
 54 55.5 40.6 60.8



#24
 Nitrobenzene
 Concen: 44.23 ng
 RT: 9.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion: 77 Resp: 589061
 Ion Ratio Lower Upper
 77 100
 123 34.6 32.6 49.0
 65 14.7 10.9 16.3





#25

Isophorone

Concen: 46.94 ng

RT: 9.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

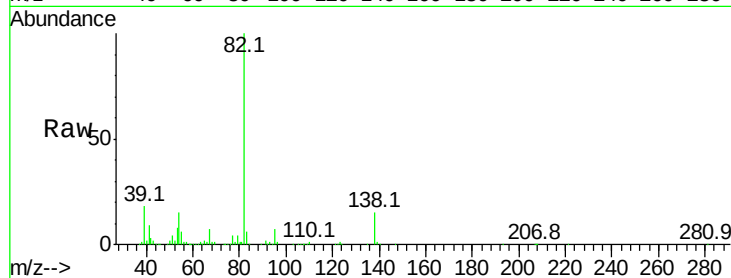
Tot Ion: 82 Resp: 973512

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

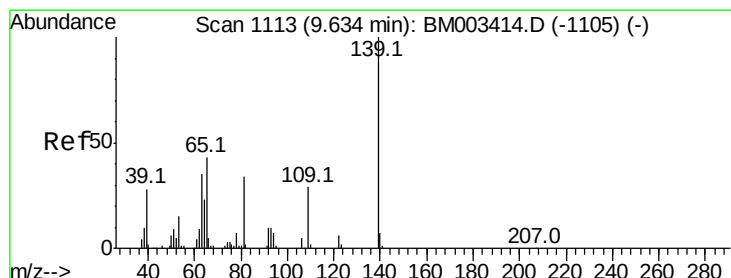
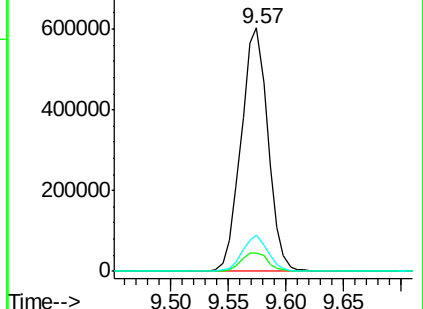
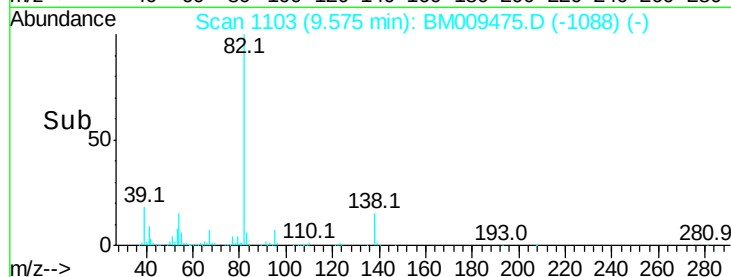
138 14.7 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM009475.D (-1088) (-)

Ion 95.00 (94.70 to 95.70): BM009475.D (-1088) (-)

Ion 138.00 (137.70 to 138.70): BM009475.D (-1088) (-)



#26

2-Nitrophenol

Concen: 47.21 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

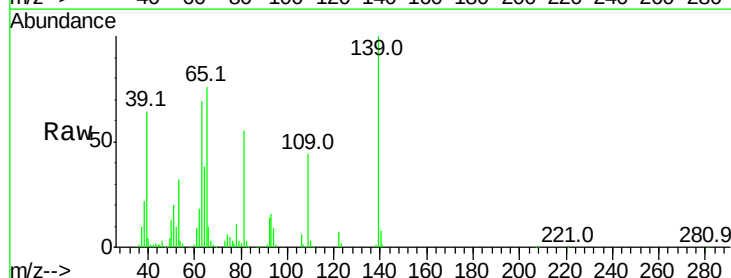
Tgt Ion: 139 Resp: 189642

Ion Ratio Lower Upper

139 100

109 44.0 20.1 30.1#

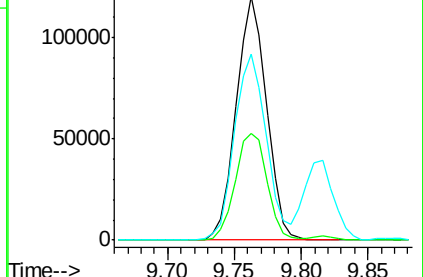
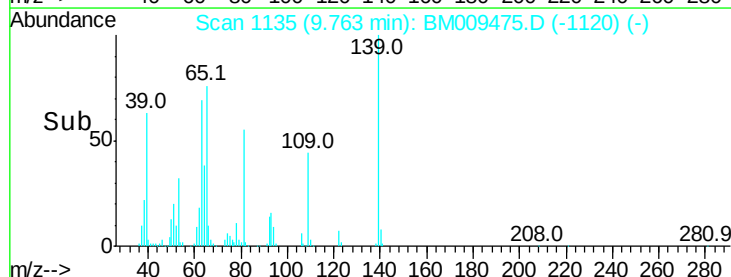
65 76.3 31.5 47.3#

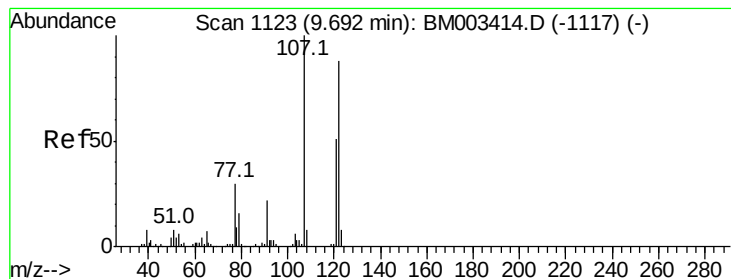


Abundance Ion 139.00 (138.70 to 139.70): BM009475.D (-1120) (-)

Ion 109.00 (108.70 to 109.70): BM009475.D (-1120) (-)

Ion 65.00 (64.70 to 65.70): BM009475.D (-1120) (-)

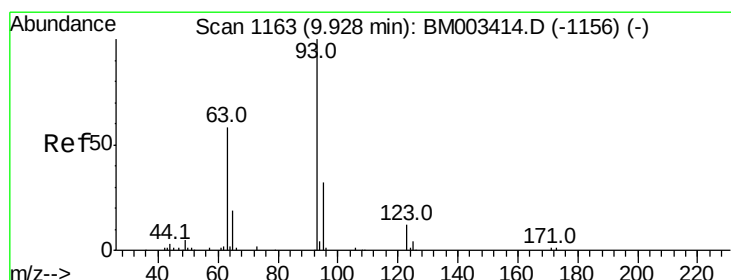
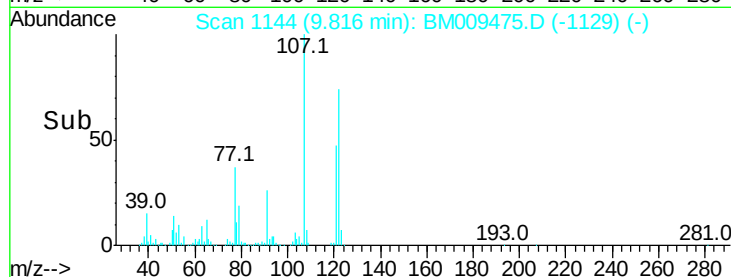
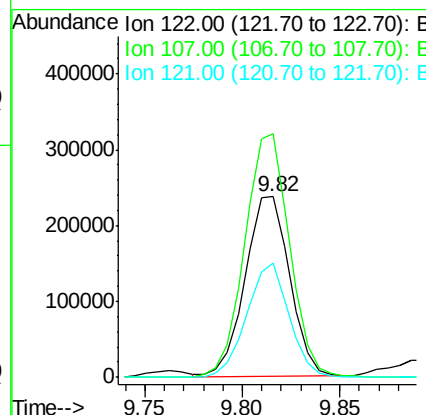
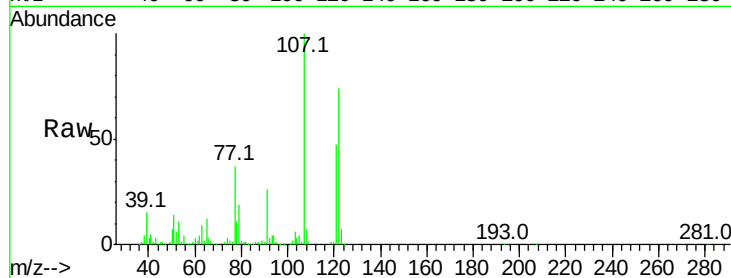




#27
 2,4-Dimethylphenol
 Concen: 51.29 ng
 RT: 9.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

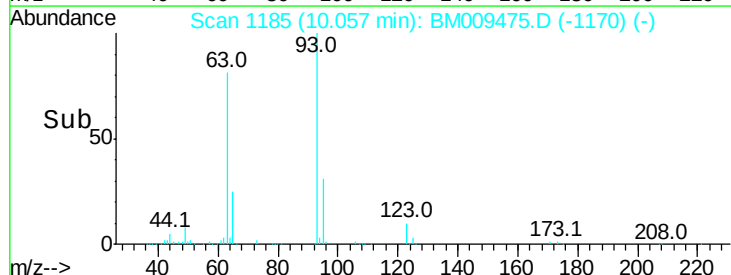
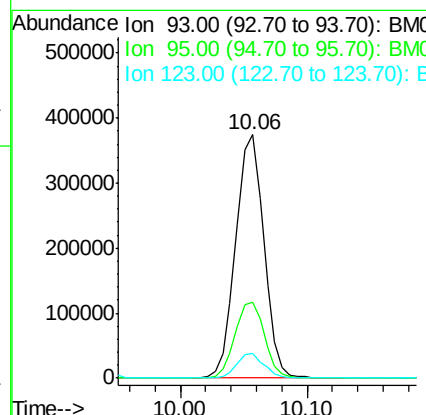
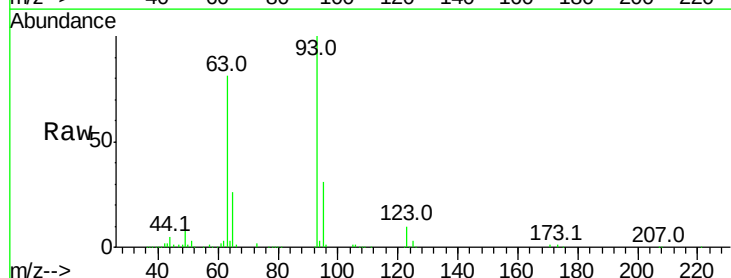
Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

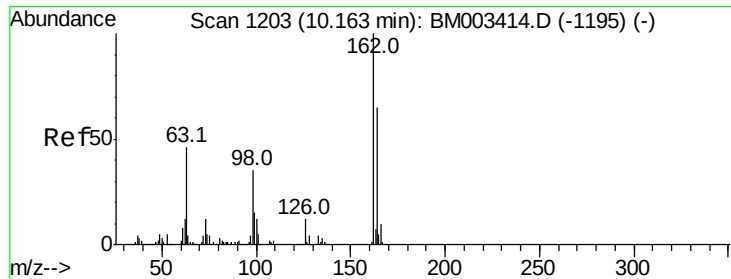
Tot Ion:122 Resp: 376915
 Ion Ratio Lower Upper
 122 100
 107 134.8 84.7 127.1#
 121 63.4 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.81 ng
 RT: 10.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion: 93 Resp: 575461
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.5 38.3
 123 10.1 8.6 13.0

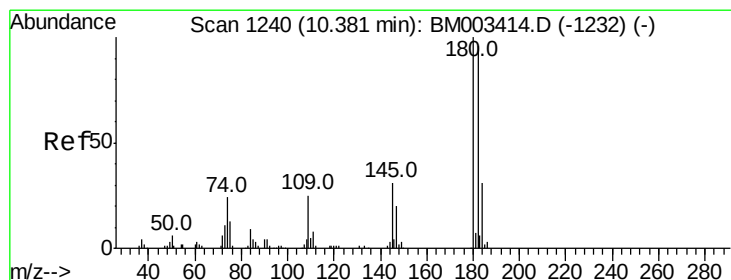
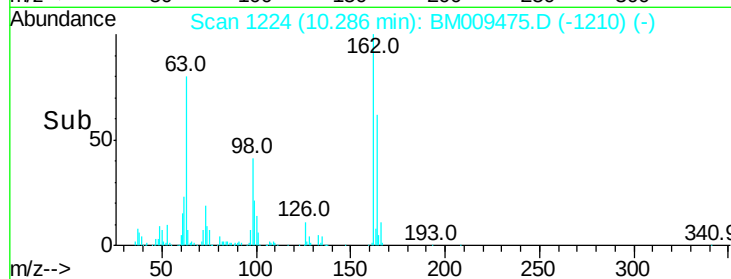
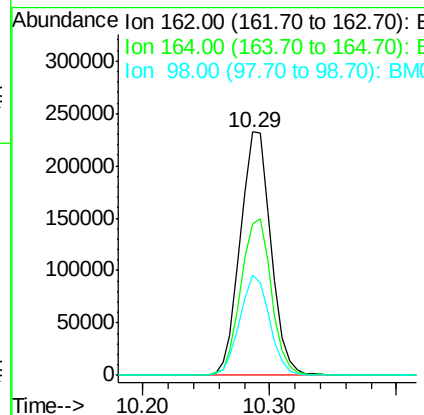
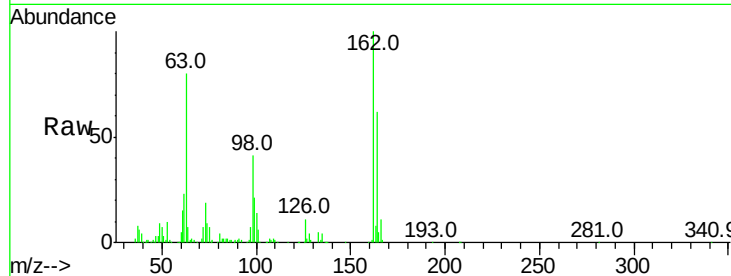




#29
 2,4-Dichlorophenol
 Concen: 50.71 ng
 RT: 10.29 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

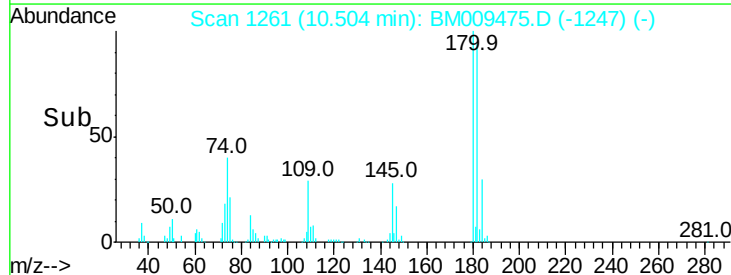
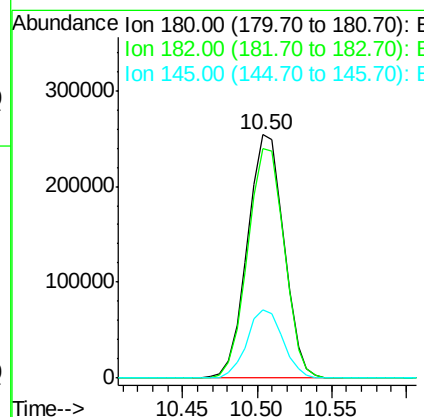
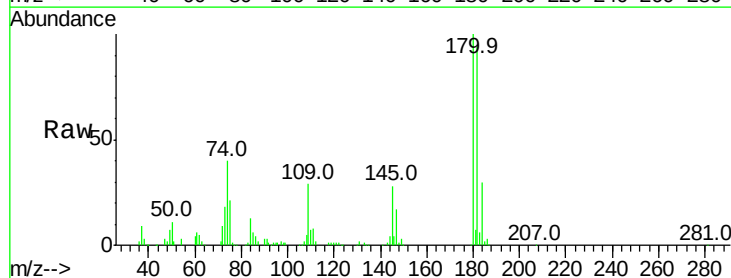
Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

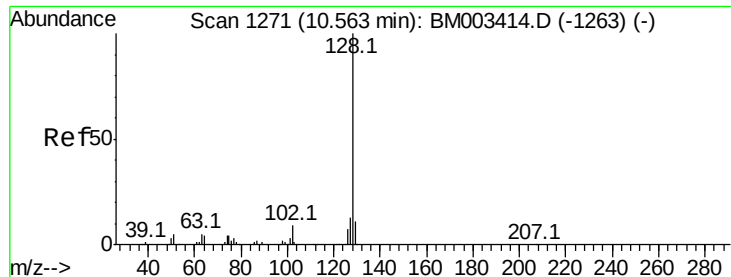
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.8	82.8
98	41.0	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 44.88 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.6	116.4
145	28.1	23.4	35.2

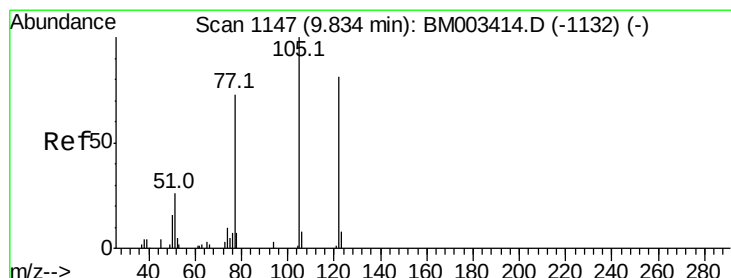
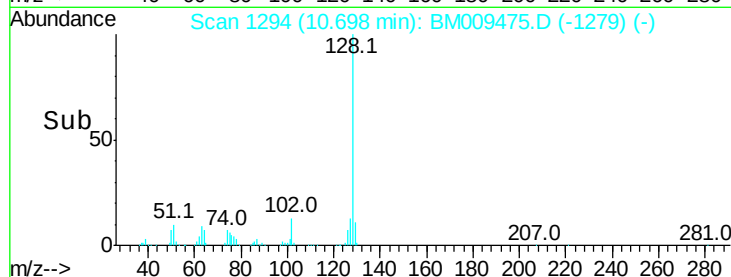
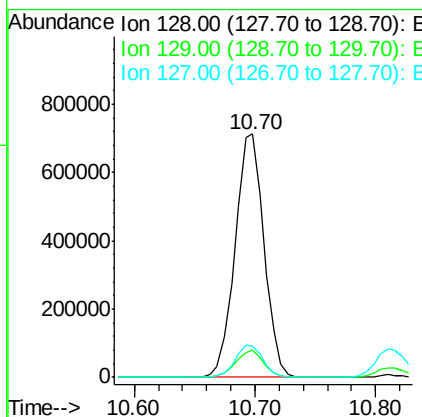
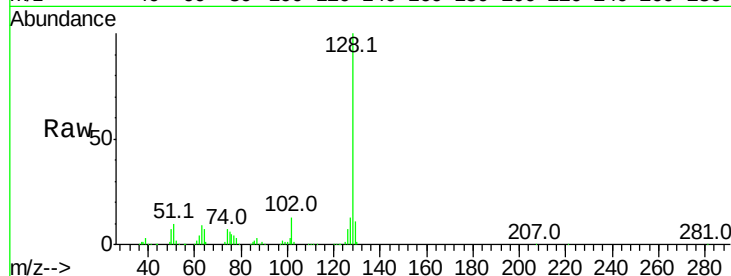




#31
Naphthalene
Concen: 43.85 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

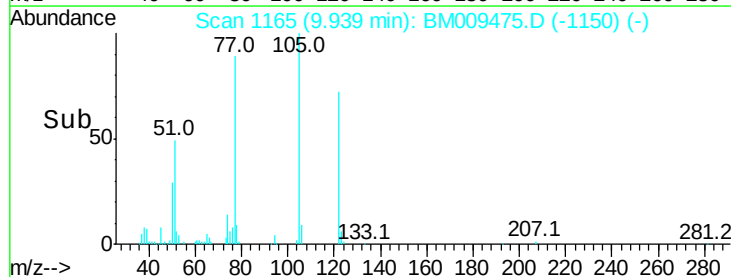
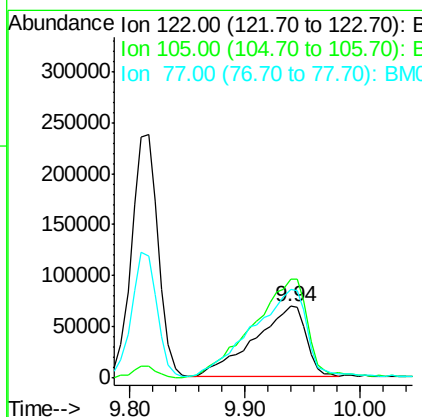
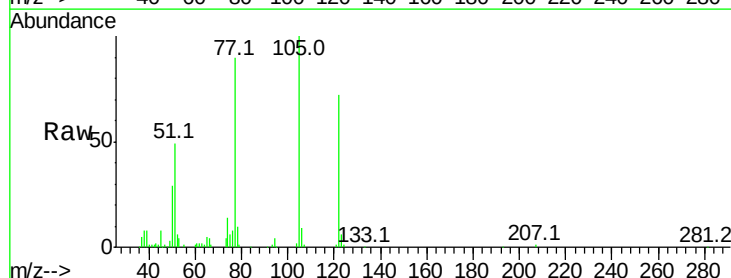
Instrument :
BNA_M
ClientSampleId :
PB97966BS

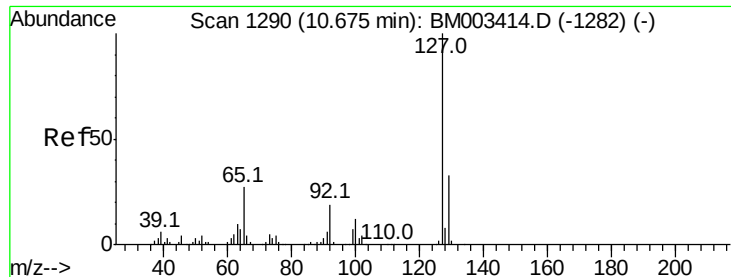
Tot Ion:128 Resp: 1186270
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.5 10.4 15.6



#32
Benzoic acid
Concen: 41.51 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:122 Resp: 215644
Ion Ratio Lower Upper
122 100
105 138.0 99.9 139.9
77 123.9 73.7 113.7#

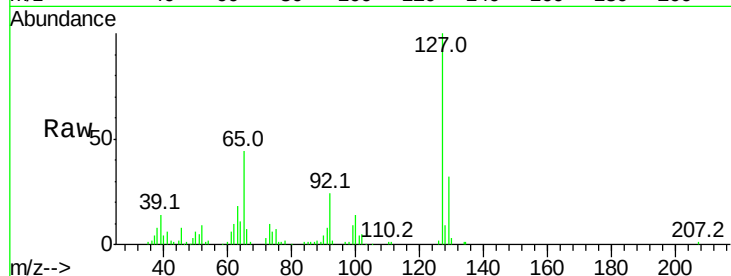




#33
4-Chloroaniline
Concen: 14.44 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion:	127	Resp:	150677
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.3	37.9
65	43.6	17.6	26.4
92	24.3	13.1	19.7



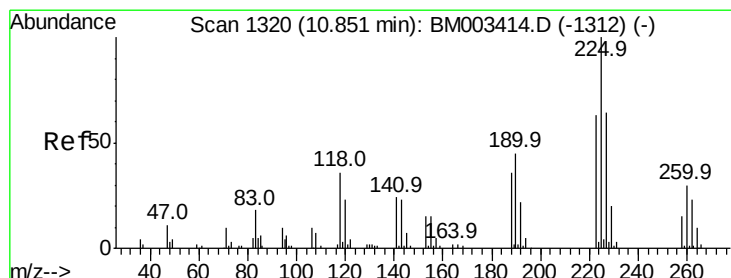
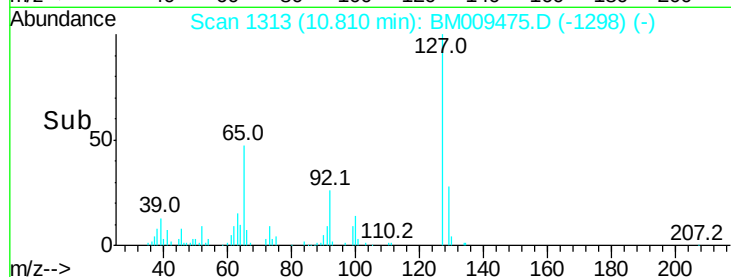
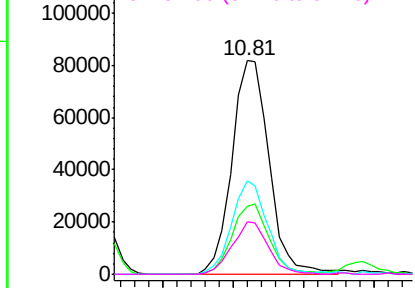
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

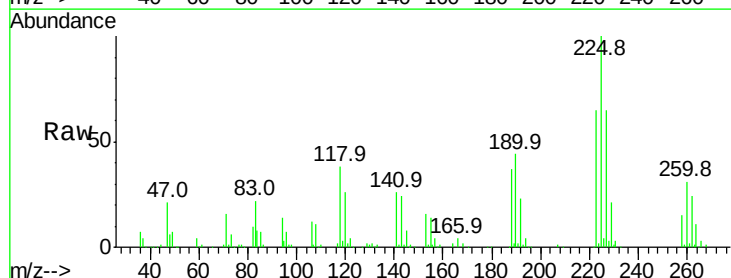
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 41.11 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:	225	Resp:	268340
Ion	Ratio	Lower	Upper
225	100		
223	65.4	47.9	71.9
227	65.4	50.1	75.1

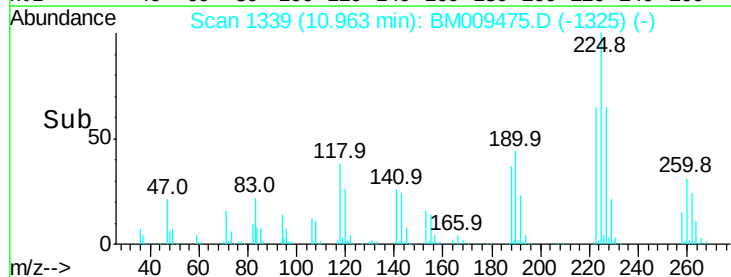
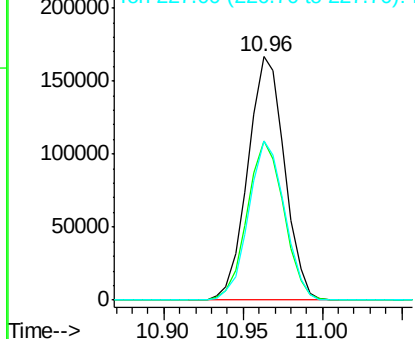


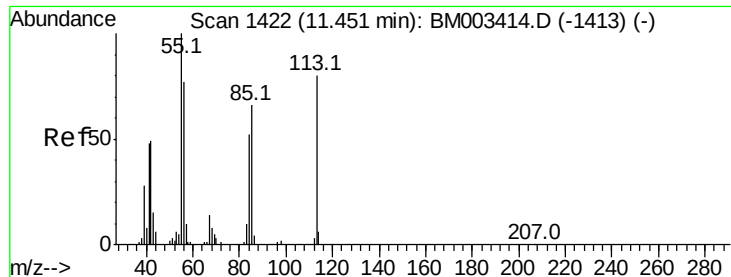
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

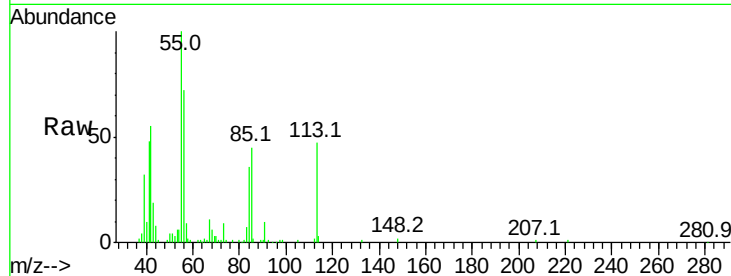




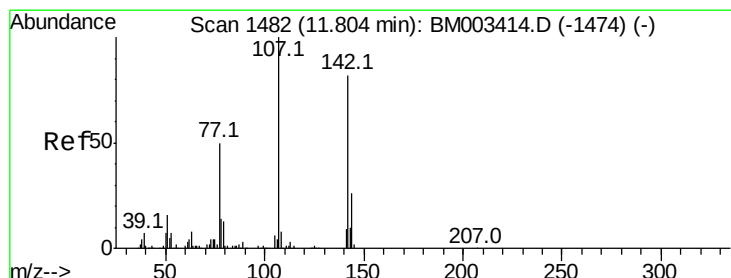
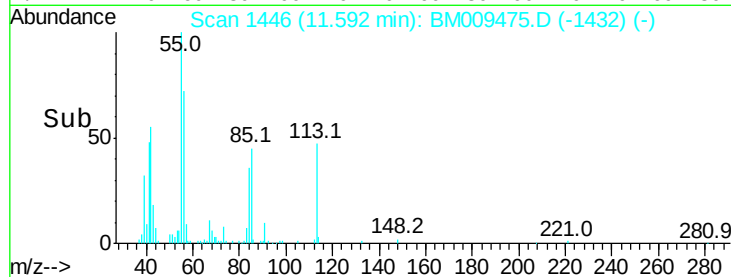
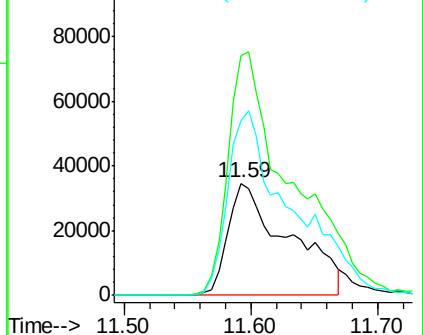
#35
Caprolactam
Concen: 48.74 ng
RT: 11.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion:113 Resp: 114319
Ion Ratio Lower Upper
113 100
55 214.1 145.9 185.9#
56 155.1 101.0 141.0#

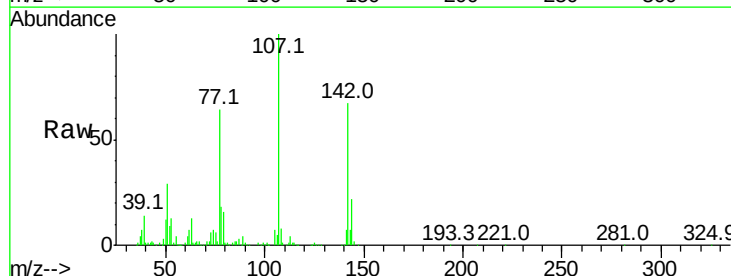


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

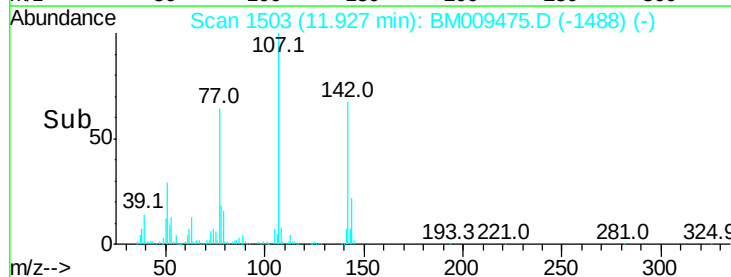
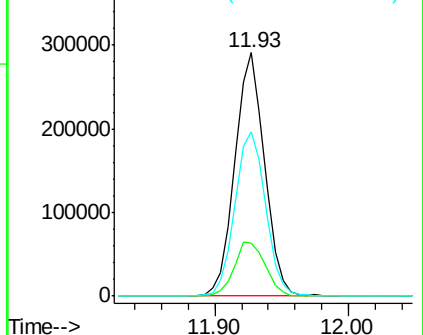


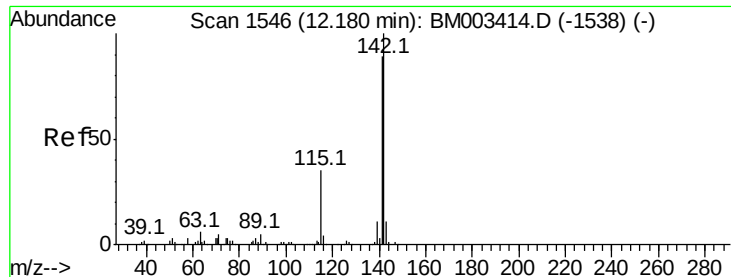
#36
4-Chloro-3-methylphenol
Concen: 51.67 ng
RT: 11.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:107 Resp: 449090
Ion Ratio Lower Upper
107 100
144 21.8 23.3 34.9#
142 67.4 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

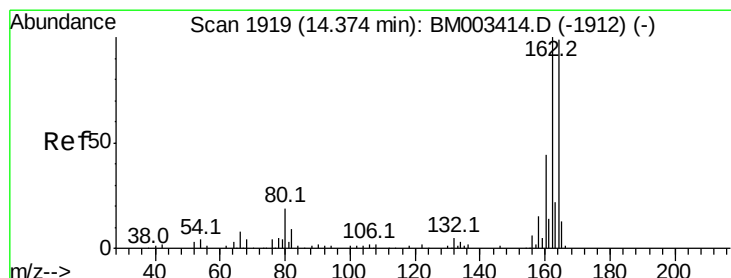
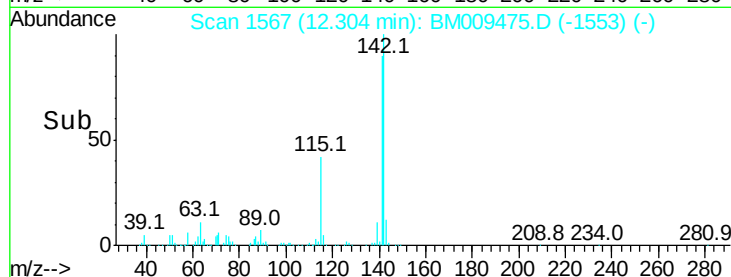
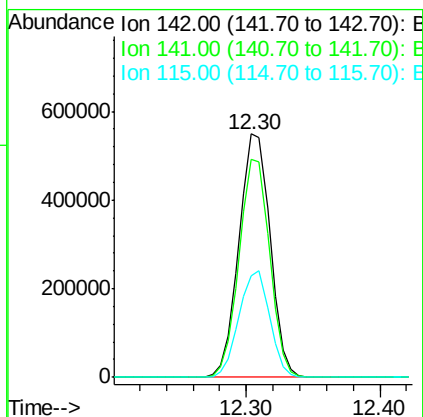
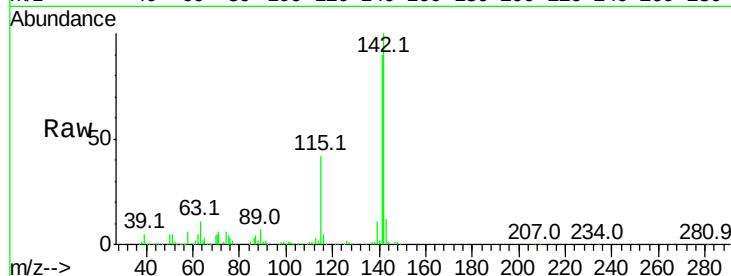




#37
2-Methylnaphthalene
Concen: 47.66 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

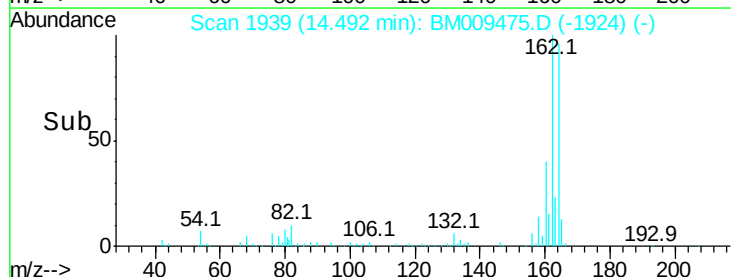
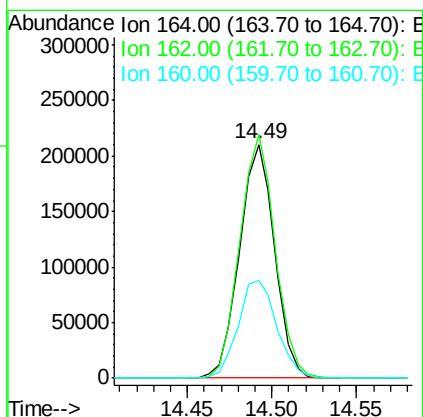
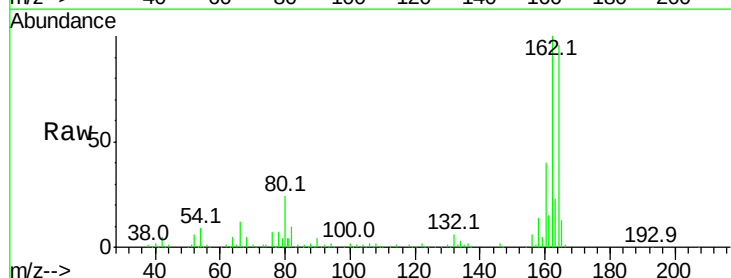
Instrument :
BNA_M
ClientSampleId :
PB97966BS

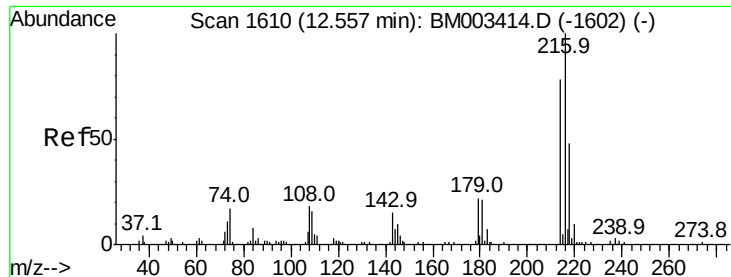
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	41.8	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.4	123.6
160	41.9	35.8	53.6

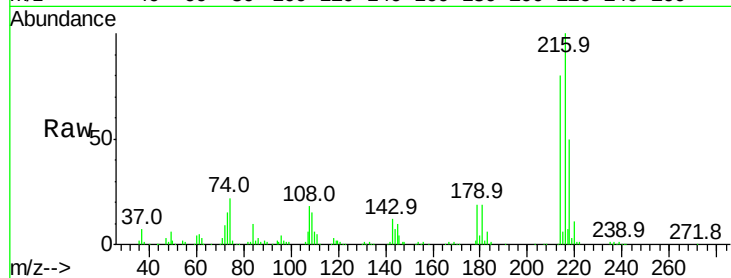




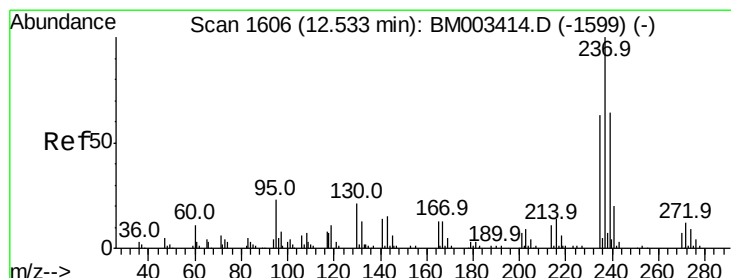
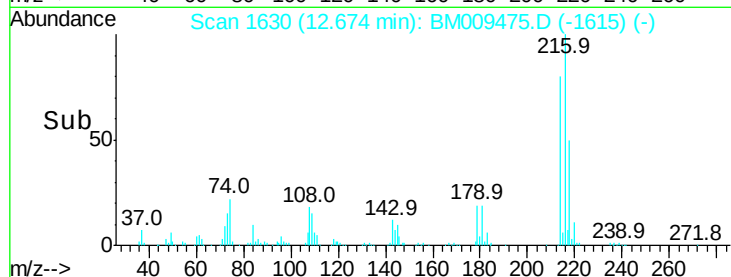
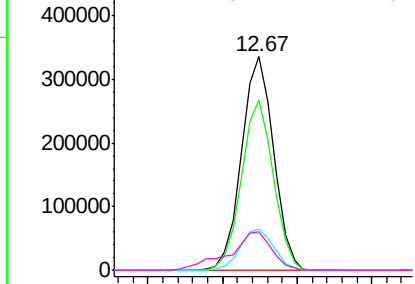
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.65 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion:	216	Resp:	499147
Ion	Ratio	Lower	Upper
216	100		
214	79.1	0.0	0.0#
179	20.1	0.0	0.0#
108	24.0	0.0	0.0#

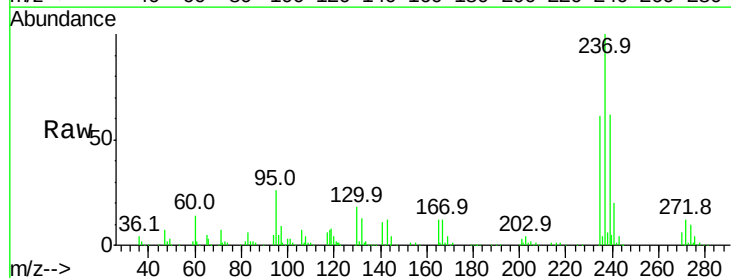


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

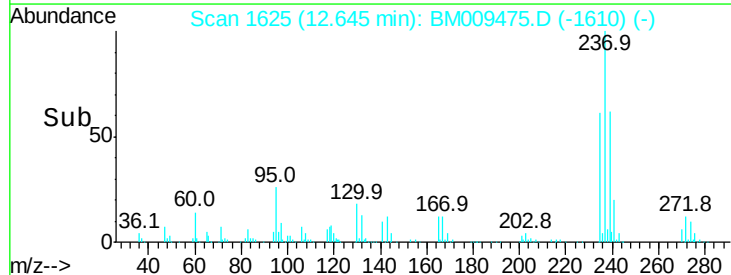
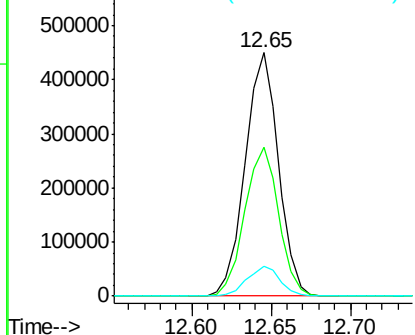


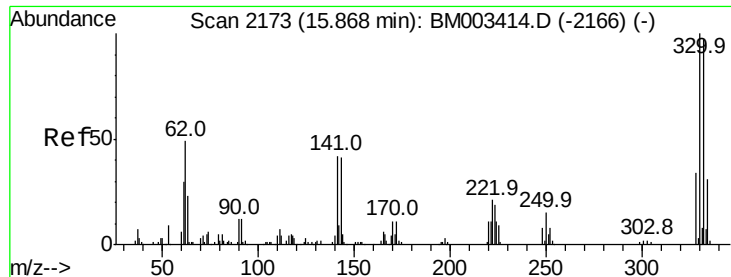
#40
 Hexachlorocyclopentadiene
 Concen: 99.74 ng
 RT: 12.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion:	237	Resp:	654670
Ion	Ratio	Lower	Upper
237	100		
235	61.1	42.0	82.0
272	12.3	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

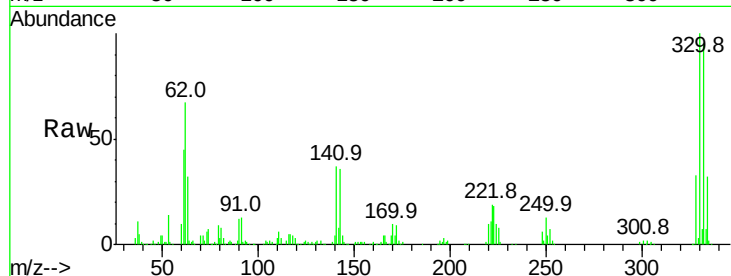




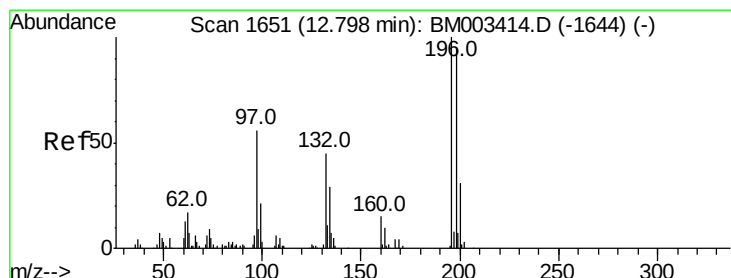
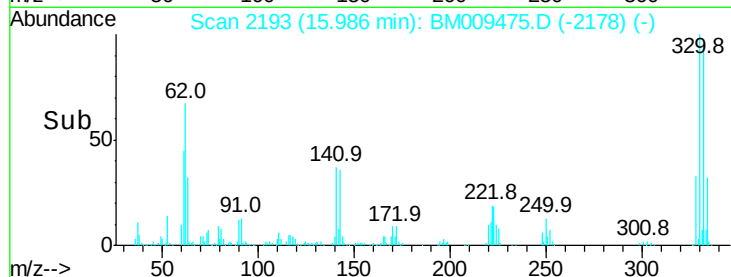
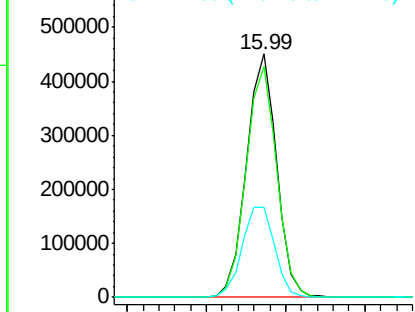
#41
 2,4,6-Tribromophenol
 Concen: 158.65 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	40.0	0.0	0.0#

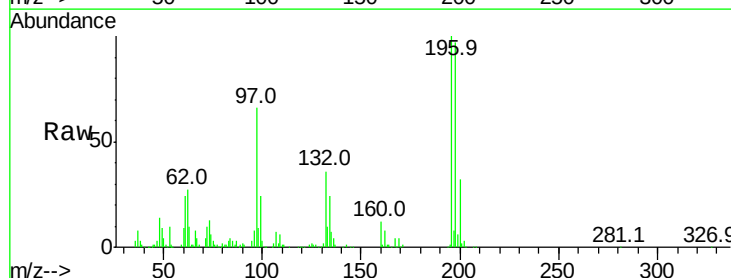


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

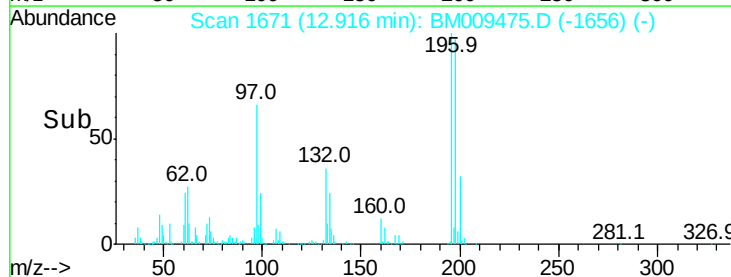
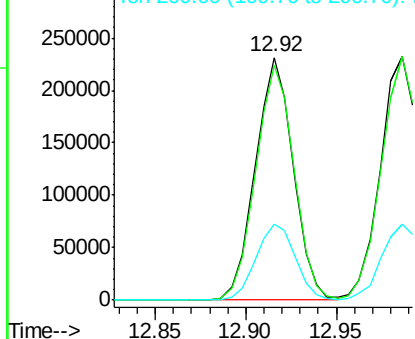


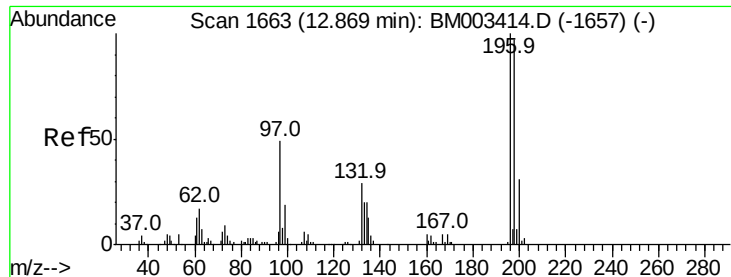
#42
 2,4,6-Trichlorophenol
 Concen: 51.33 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.3	114.5
200	31.5	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

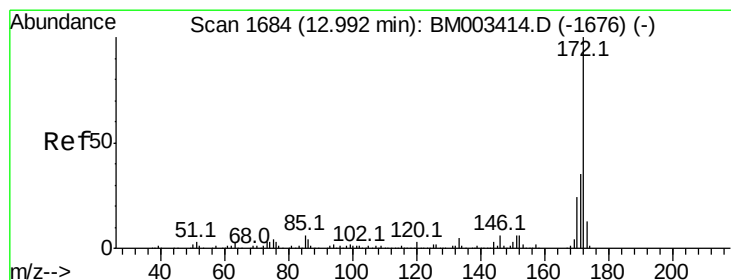
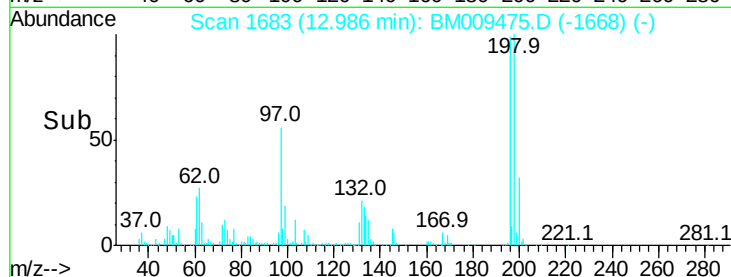
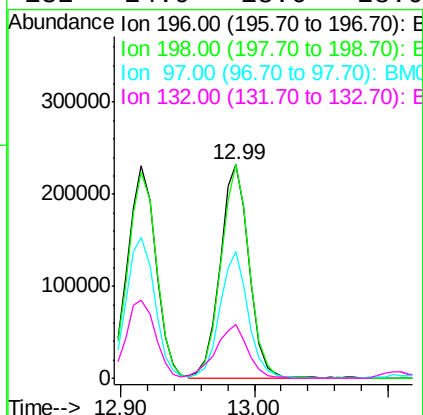
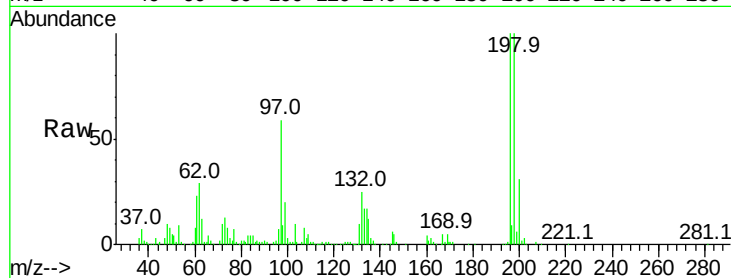




#43
 2,4,5-Trichlorophenol
 Concen: 47.83 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

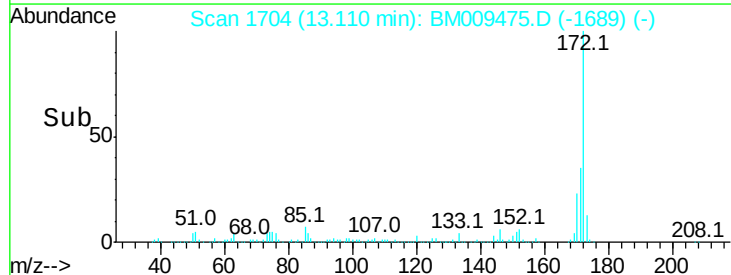
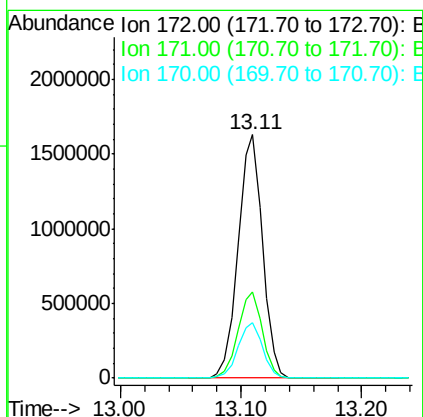
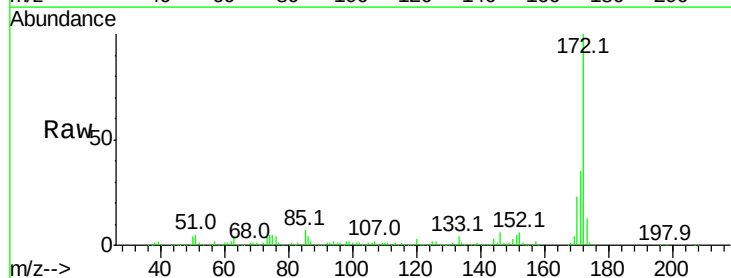
Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

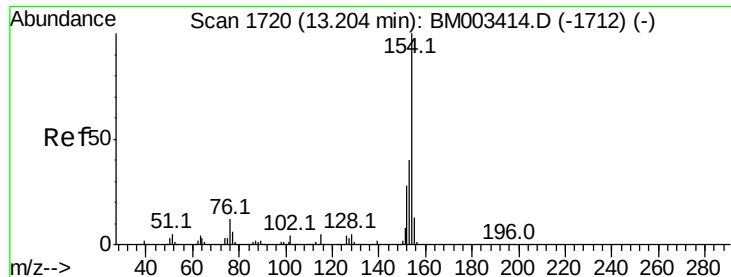
Tot Ion:196 Resp: 348915
 Ion Ratio Lower Upper
 196 100
 198 100.0 79.4 119.0
 97 59.4 26.8 40.2#
 132 24.9 18.6 28.0



#44
 2-Fluorobiphenyl
 Concen: 91.18 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion:172 Resp: 2292062
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.0 18.8 28.2





#45

1,1'-Biphenyl

Concen: 47.07 ng

RT: 13.32 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

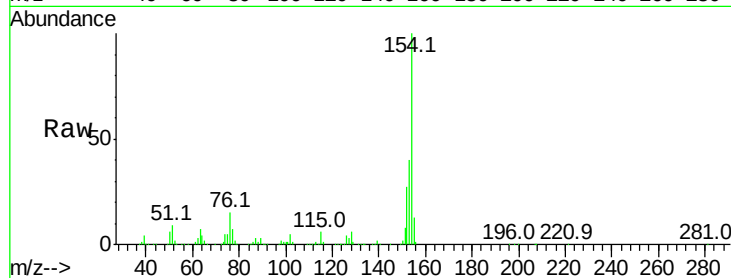
BNA_M

ClientSampled :

PB97966BS

Tot Ion:154 Resp: 1186697

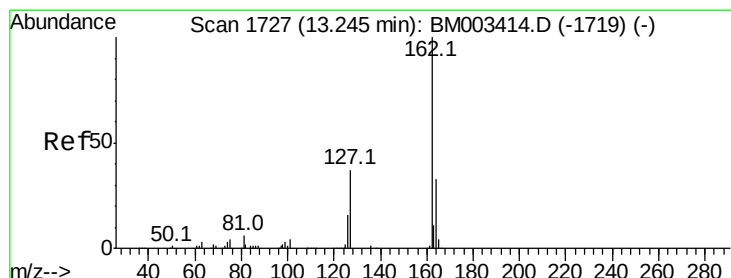
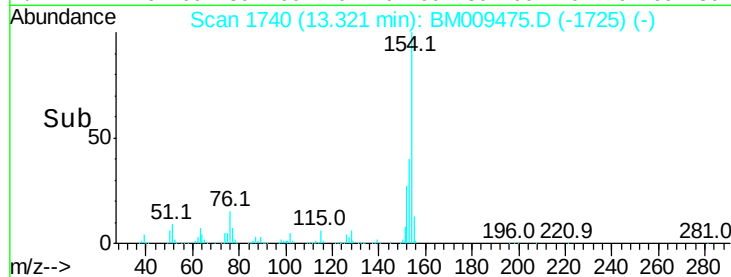
Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.7	60.7
76	15.0	0.0	30.9



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: 47.29 ng

RT: 13.36 min Scan# 1747

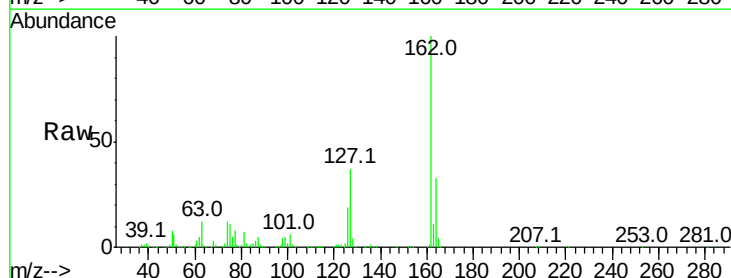
Delta R.T. -0.02 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Tgt Ion:162 Resp: 925940

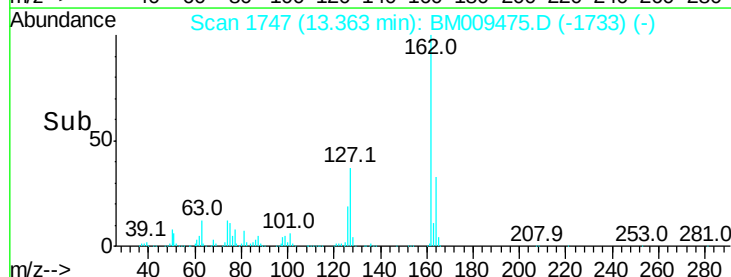
Ion	Ratio	Lower	Upper
162	100		
127	36.6	26.9	40.3
164	33.0	26.8	40.2

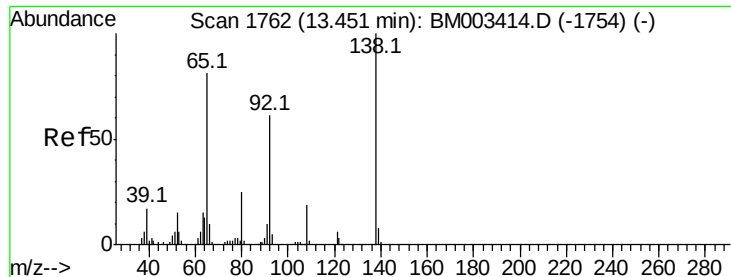


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

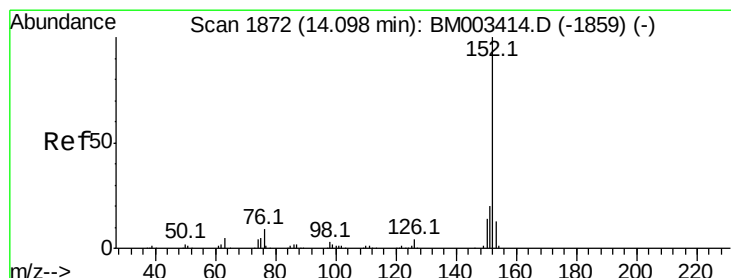
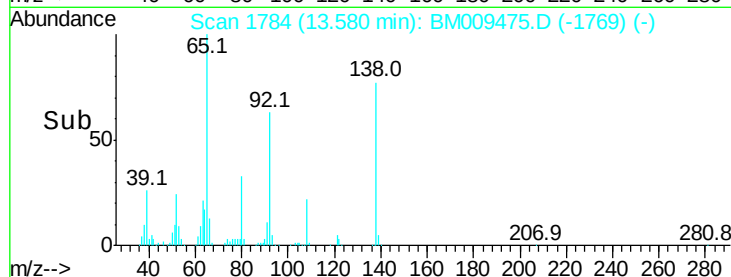
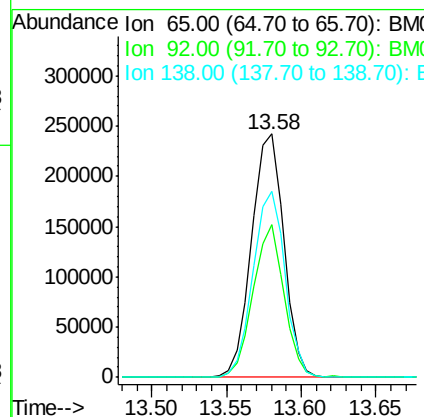
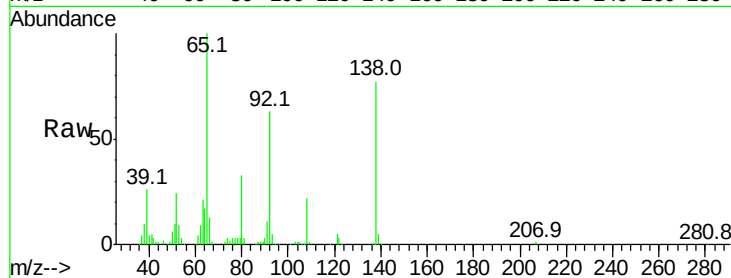




#47
2-Nitroaniline
Concen: 50.30 ng
RT: 13.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

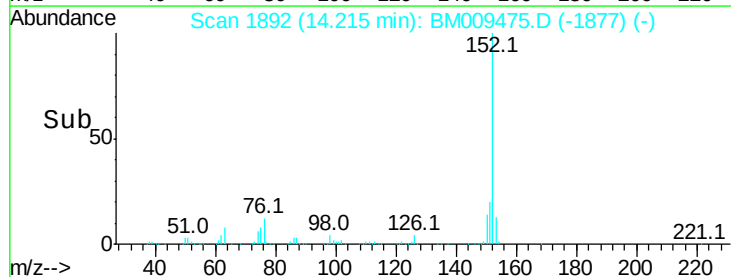
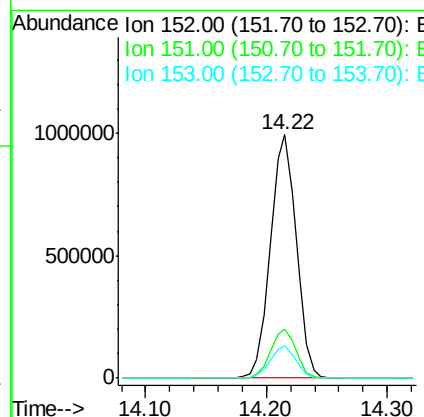
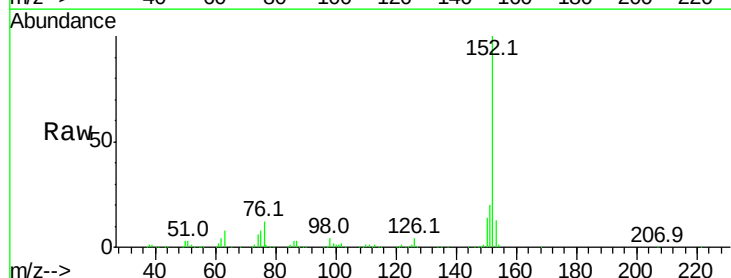
Instrument :
BNA_M
ClientSampleId :
PB97966BS

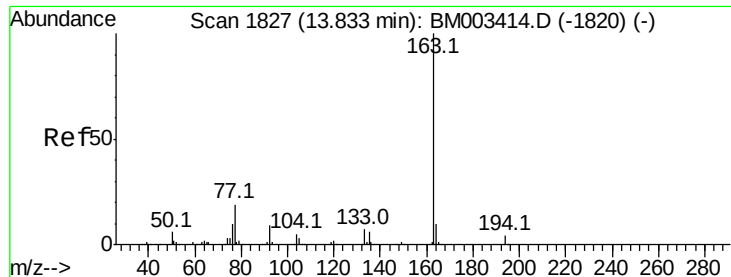
Tot Ion: 65 Resp: 362879
Ion Ratio Lower Upper
65 100
92 62.8 59.1 88.7
138 76.7 93.9 140.9#



#48
Acenaphthylene
Concen: 46.03 ng
RT: 14.22 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion: 152 Resp: 1468074
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 49.30 ng

RT: 13.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampled :

PB97966BS

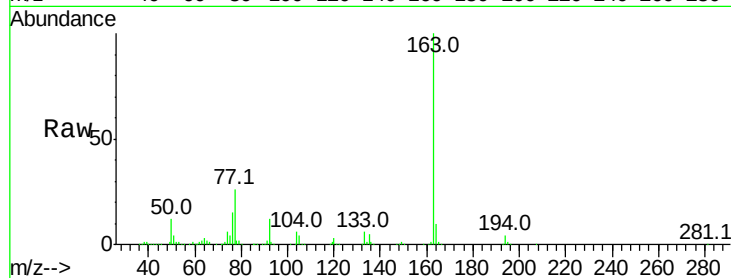
Tot Ion:163 Resp: 1146571

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

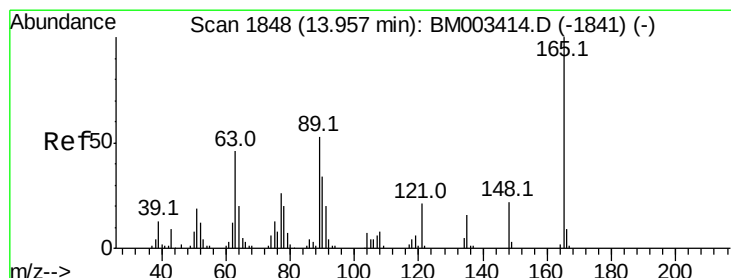
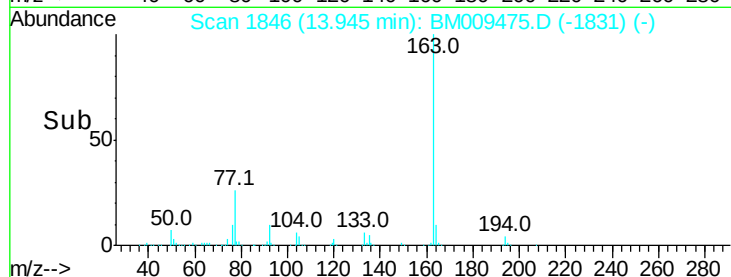
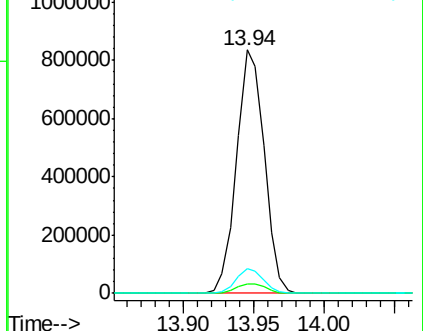
164 10.1 8.2 12.2



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: 48.71 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

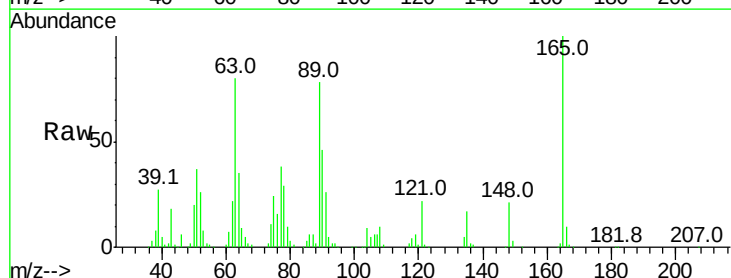
Tgt Ion:165 Resp: 244113

Ion Ratio Lower Upper

165 100

63 80.1 44.1 66.1#

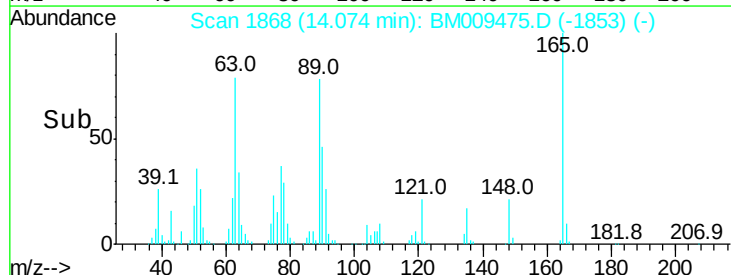
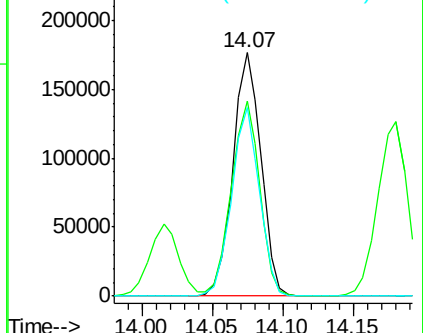
89 77.6 44.3 66.5#

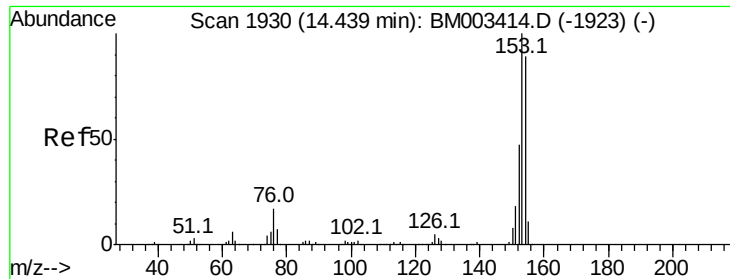


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 46.06 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

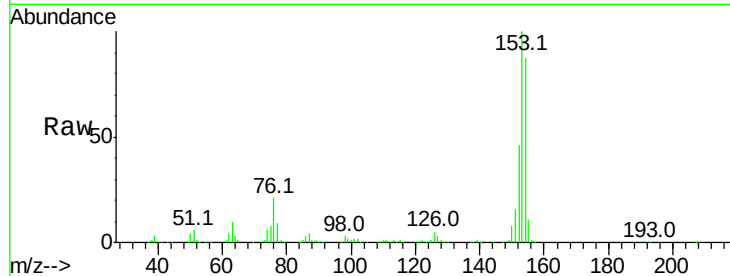
Tot Ion:154 Resp: 886250

Ion Ratio Lower Upper

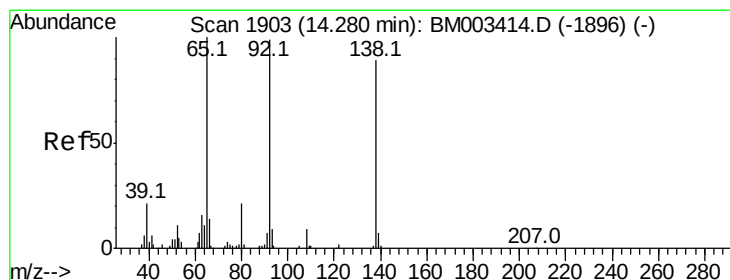
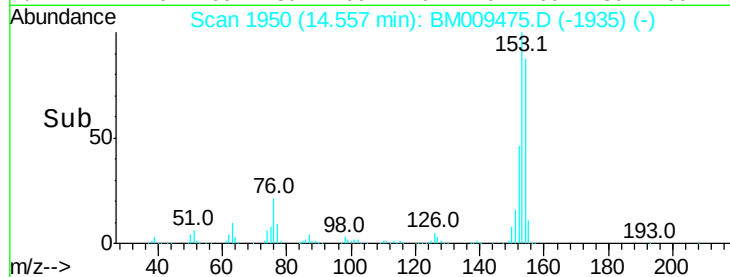
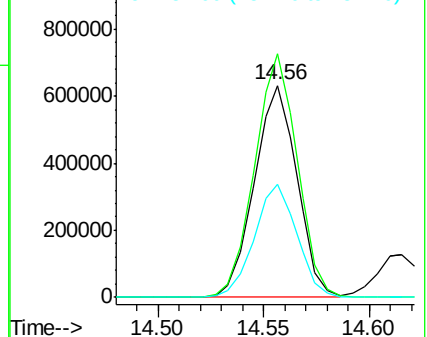
154 100

153 115.0 90.0 135.0

152 53.2 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: 25.60 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

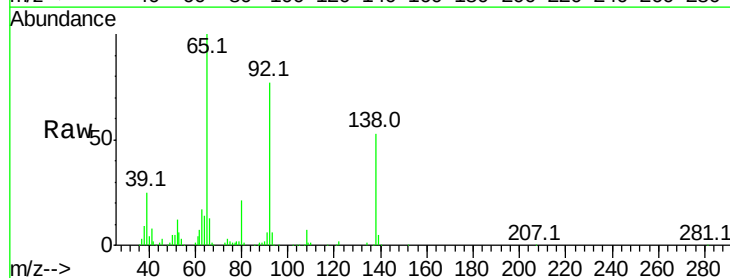
Tgt Ion:138 Resp: 126404

Ion Ratio Lower Upper

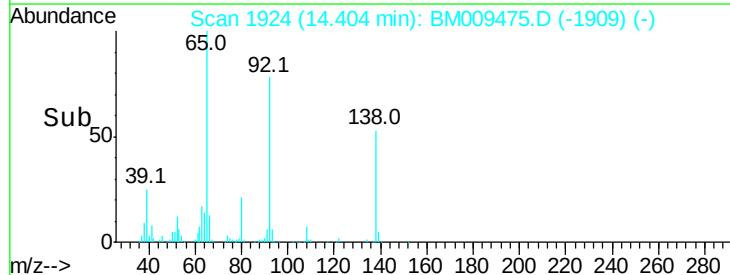
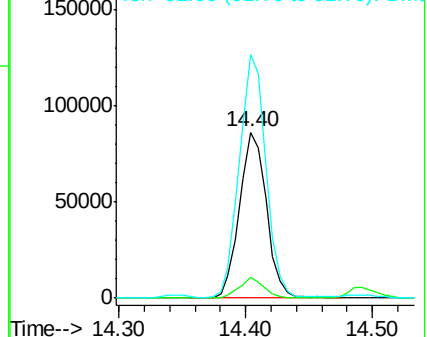
138 100

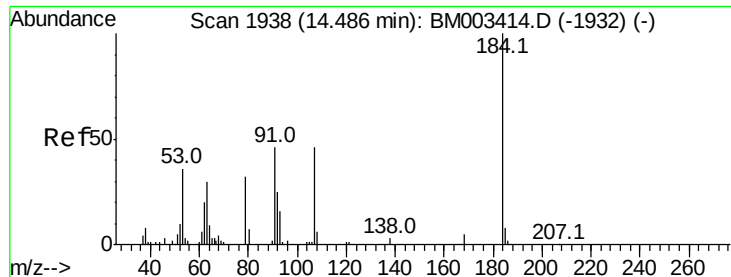
108 12.6 7.3 10.9#

92 146.7 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

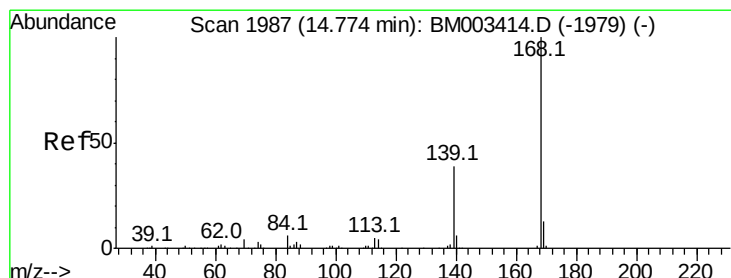
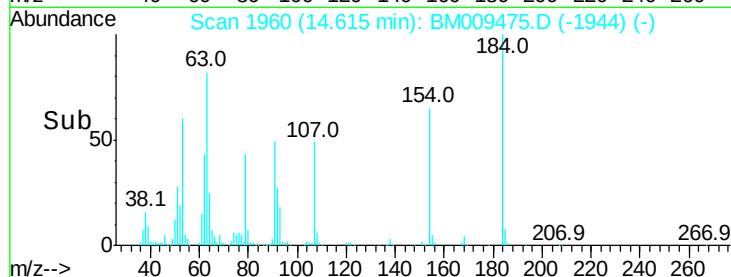
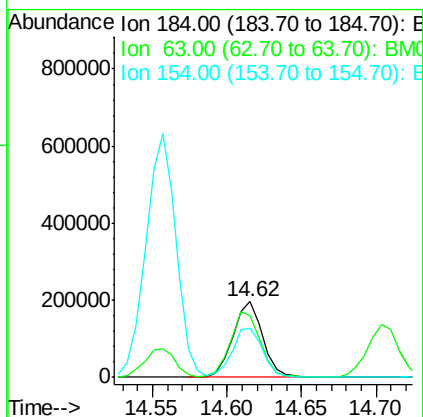
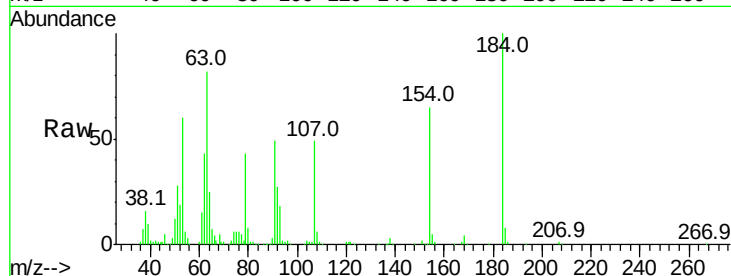




#53
2,4-Dinitrophenol
Concen: 80.73 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

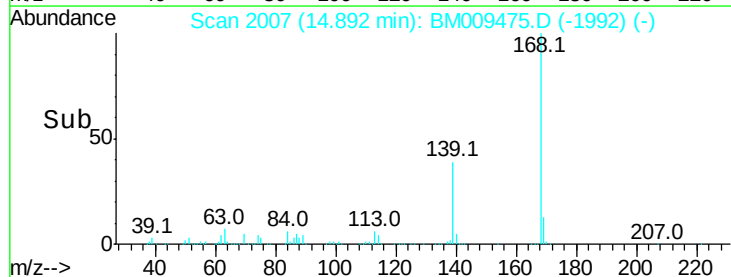
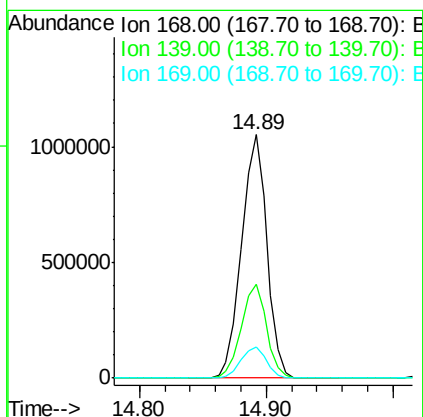
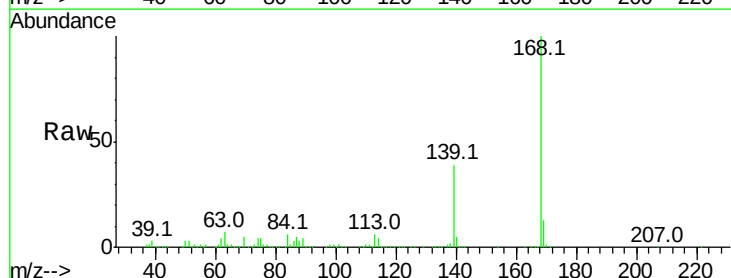
Instrument :
BNA_M
ClientSampleId :
PB97966BS

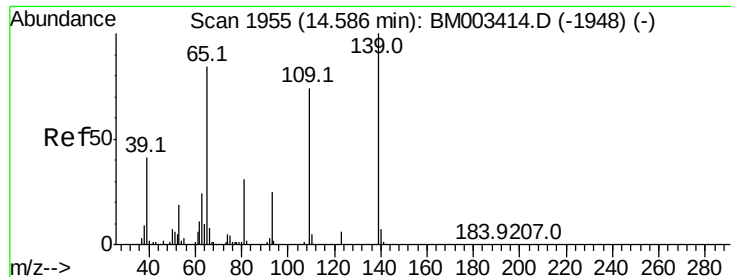
Tot Ion:184 Resp: 273038
Ion Ratio Lower Upper
184 100
63 82.2 69.2 103.8
154 64.9 53.3 79.9



#54
Dibenzofuran
Concen: 50.89 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:168 Resp: 1448264
Ion Ratio Lower Upper
168 100
139 38.7 27.3 40.9
169 12.7 10.6 16.0

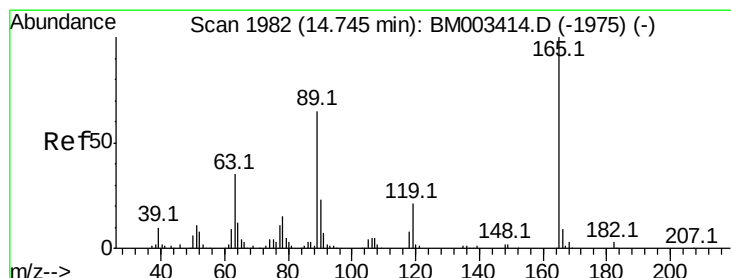
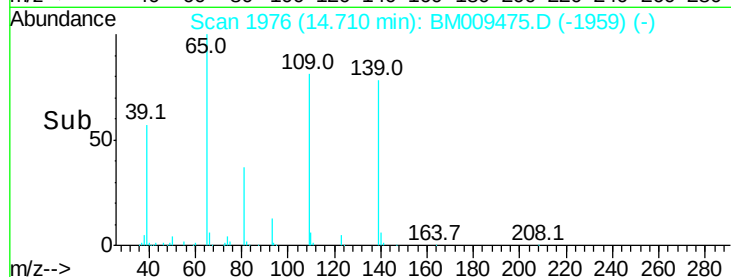
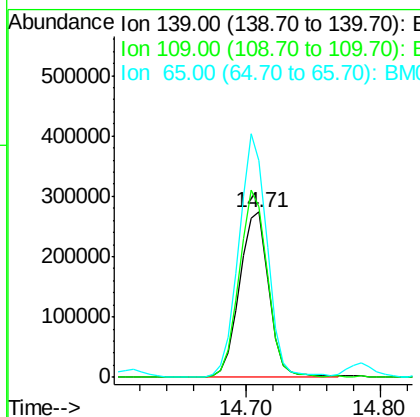
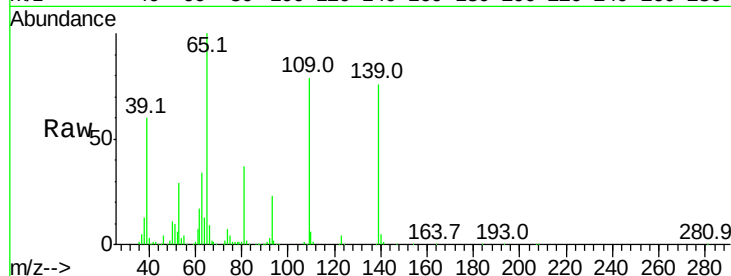




#55
4-Nitrophenol
Concen: 102.41 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

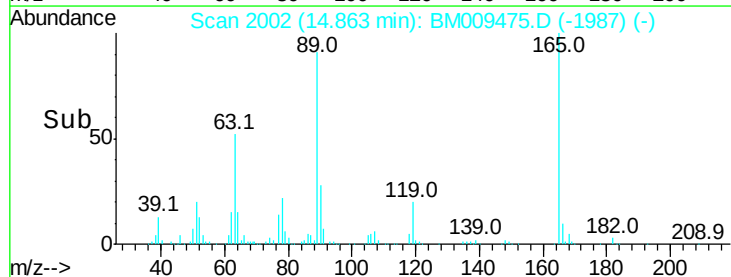
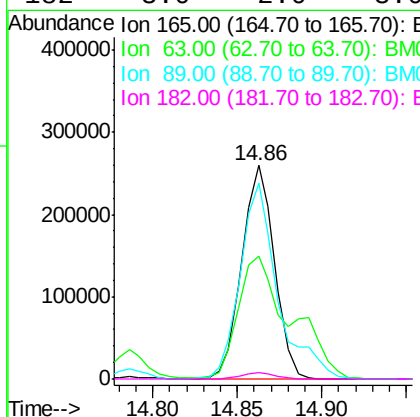
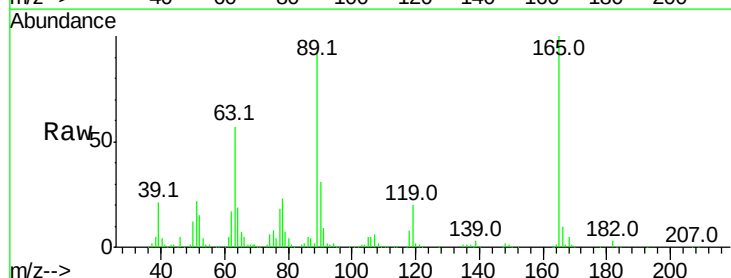
Instrument :
BNA_M
ClientSampleId :
PB97966BS

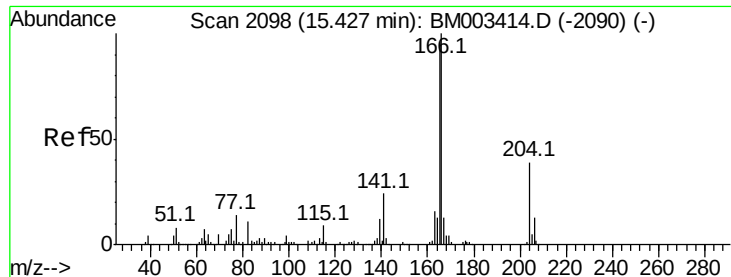
Tot Ion:139 Resp: 417939
Ion Ratio Lower Upper
139 100
109 103.7 37.7 77.7#
65 131.5 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 51.56 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:165 Resp: 349603
Ion Ratio Lower Upper
165 100
63 57.5 52.4 78.6
89 92.0 72.4 108.6
182 3.0 2.0 3.0#

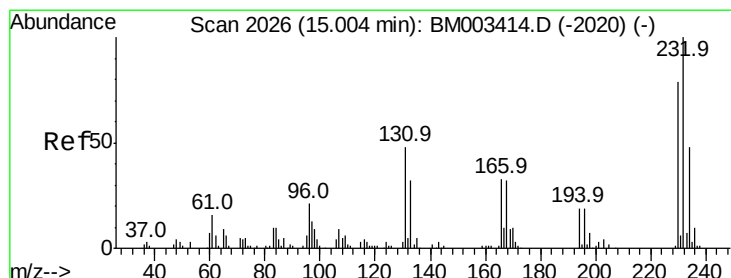
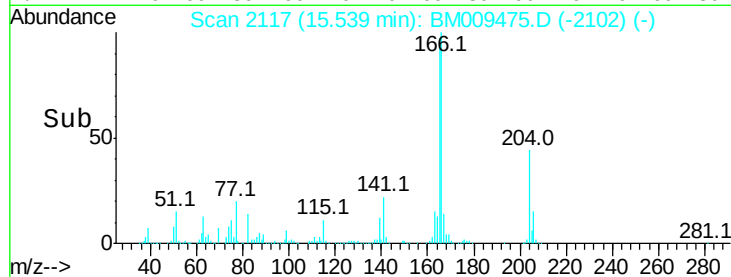
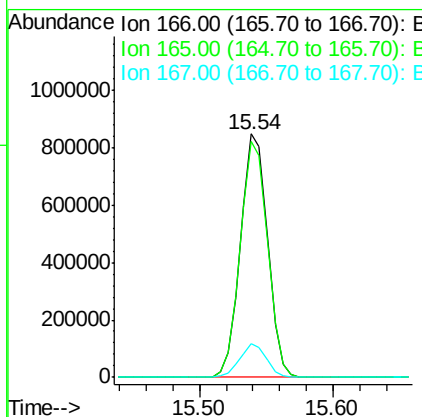
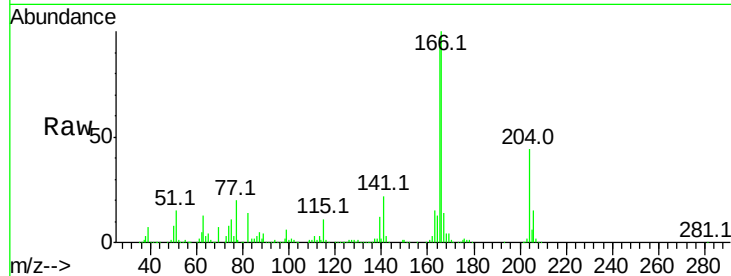




#57
Fluorene
 Concen: 46.47 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

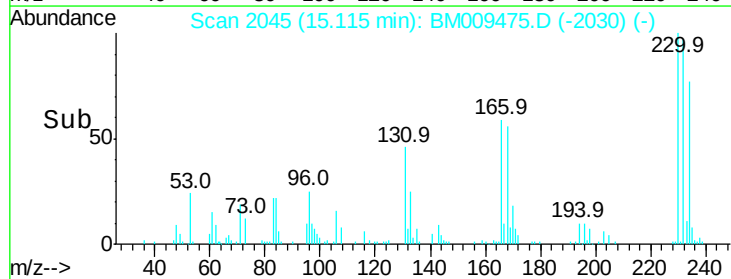
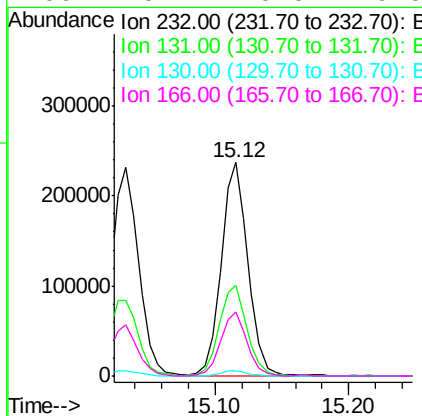
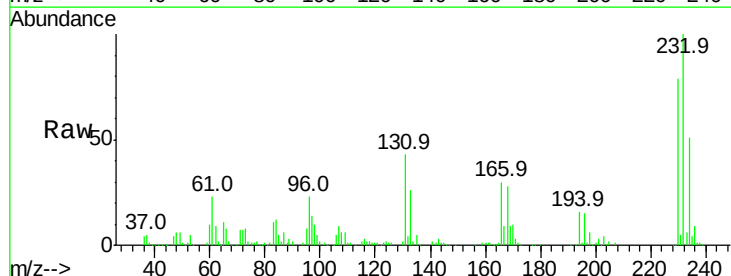
Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

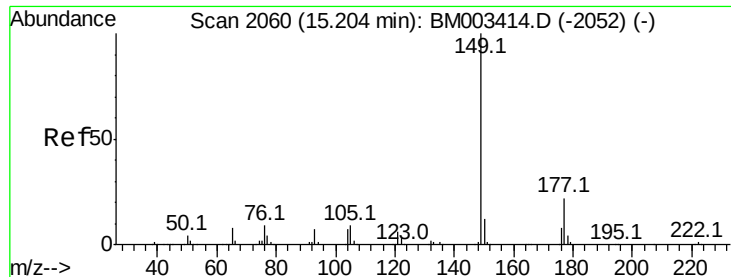
Tot Ion:166 Resp: 1188414
 Ion Ratio Lower Upper
 166 100
 165 96.9 79.0 118.4
 167 13.9 10.3 15.5



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.62 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion:232 Resp: 330891
 Ion Ratio Lower Upper
 232 100
 131 44.6 0.0 0.0#
 130 2.4 0.0 0.0#
 166 29.7 0.0 0.0#

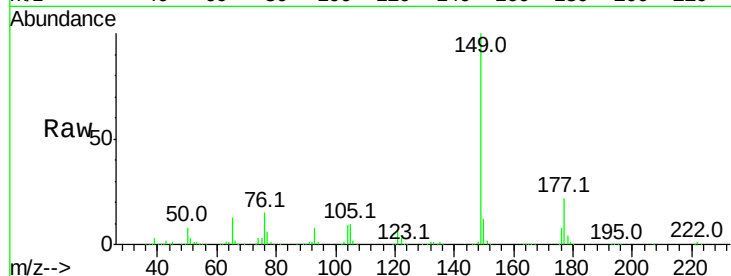




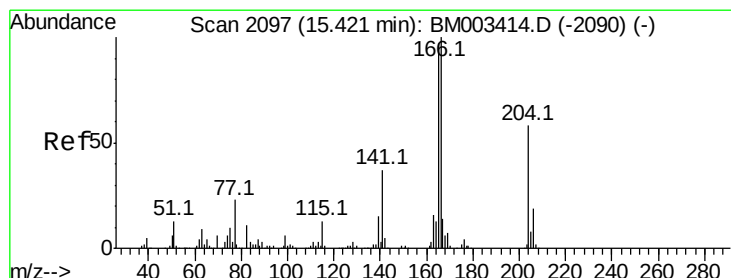
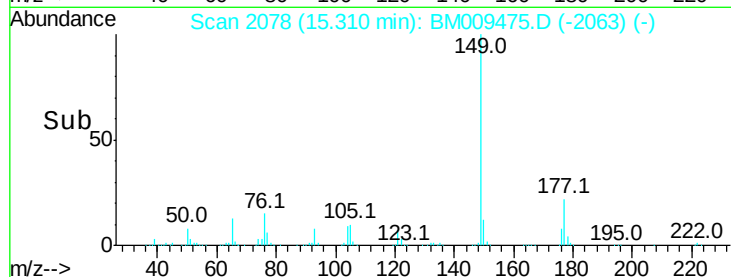
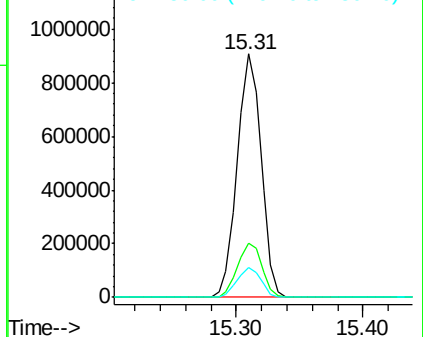
#59
Diethylphthalate
Concen: 50.06 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion:149 Resp: 1181057
Ion Ratio Lower Upper
149 100
177 22.4 18.3 27.5
150 12.0 9.8 14.8

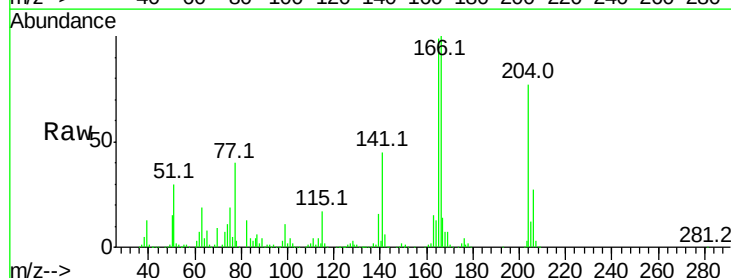


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

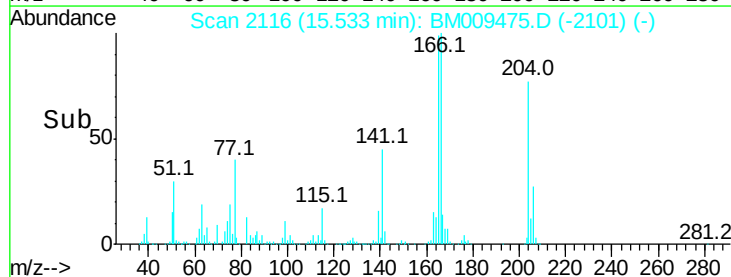
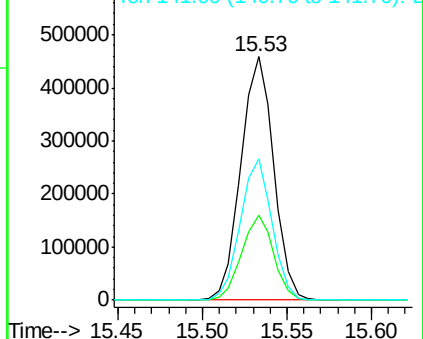


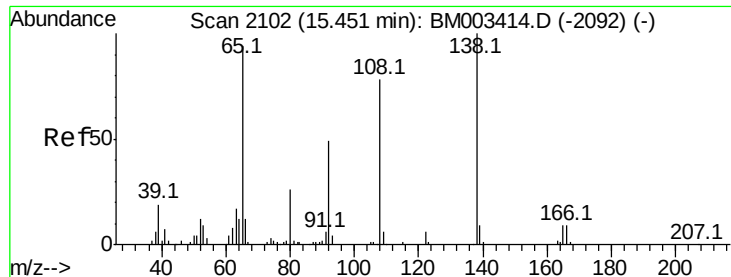
#60
4-Chlorophenyl-phenylether
Concen: 46.45 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:204 Resp: 620351
Ion Ratio Lower Upper
204 100
206 34.7 26.6 39.8
141 58.2 45.2 67.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

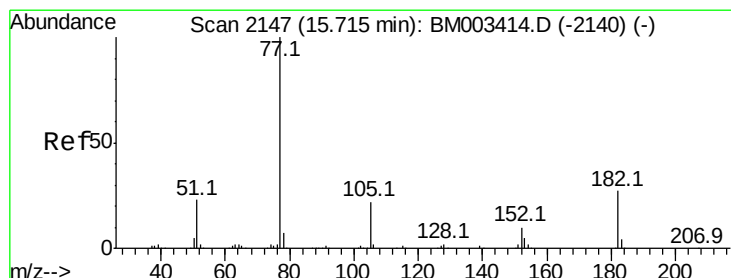
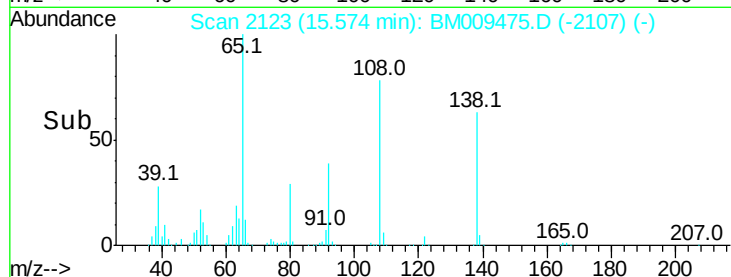
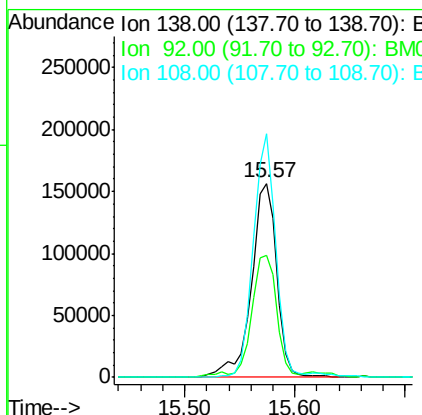
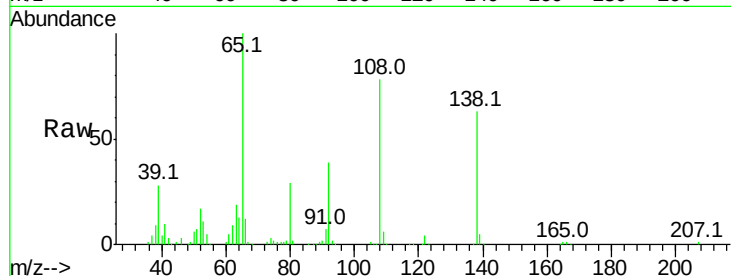




#61
4-Nitroaniline
Concen: 47.38 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

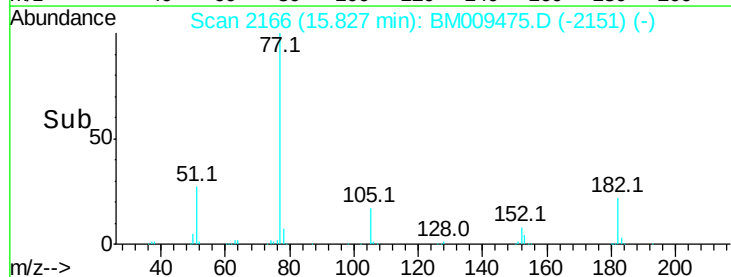
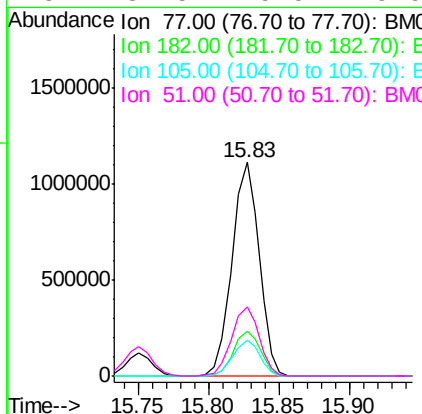
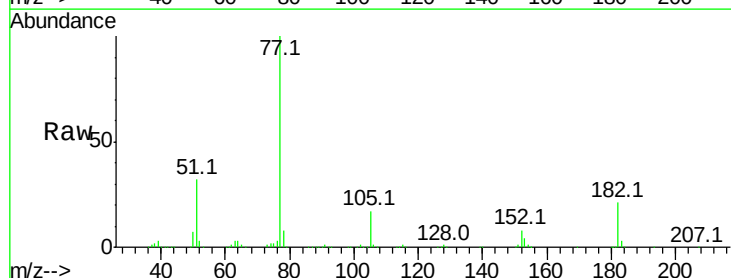
Instrument :
BNA_M
ClientSampleId :
PB97966BS

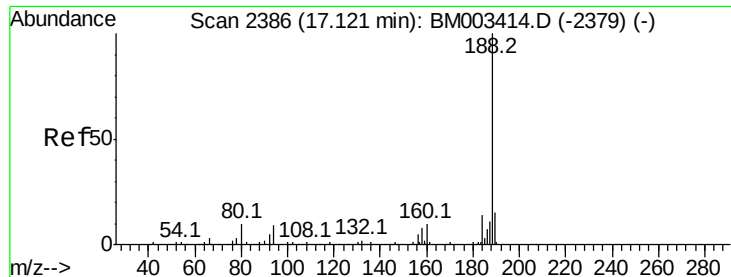
Tot Ion:138 Resp: 254110
Ion Ratio Lower Upper
138 100
92 62.9 16.7 56.7#
108 125.4 37.6 77.6#



#62
Azobenzene
Concen: 53.98 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion: 77 Resp: 1486571
Ion Ratio Lower Upper
77 100
182 21.2 6.5 46.5
105 16.7 3.8 43.8
51 32.5 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

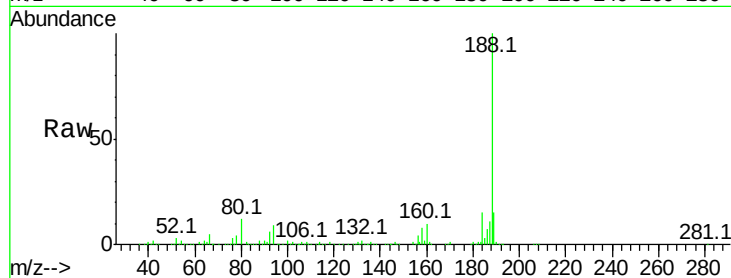
Tot Ion:188 Resp: 700157

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

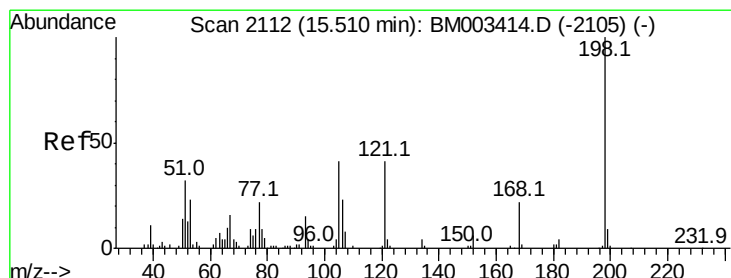
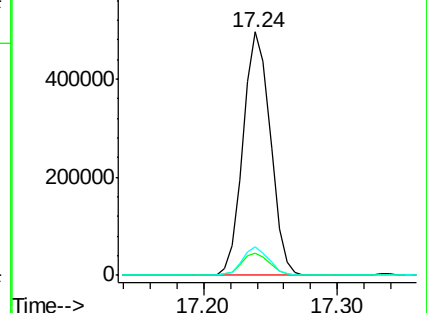
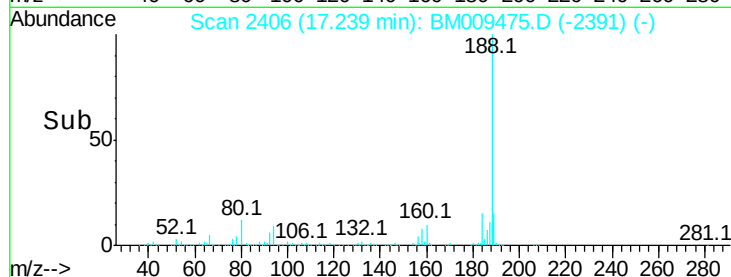
80 11.8 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.75 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

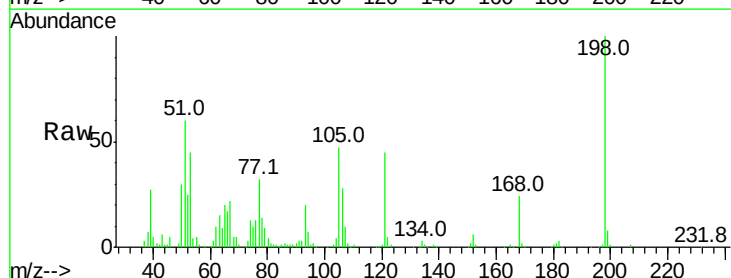
Tgt Ion:198 Resp: 201810

Ion Ratio Lower Upper

198 100

51 60.4 28.8 68.8

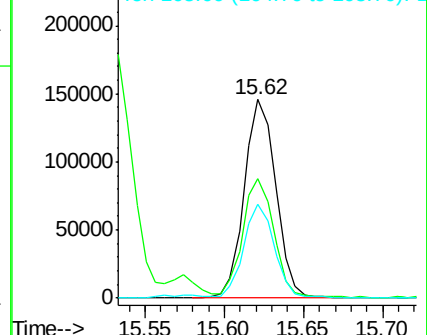
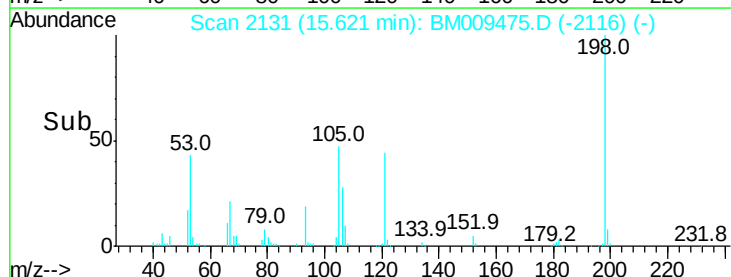
105 47.3 30.5 70.5

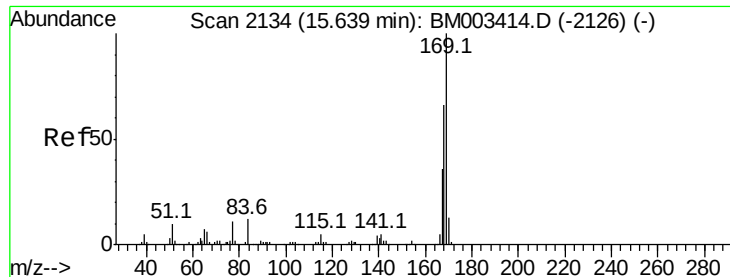


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

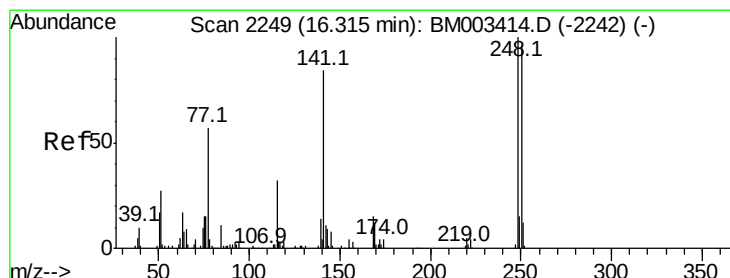
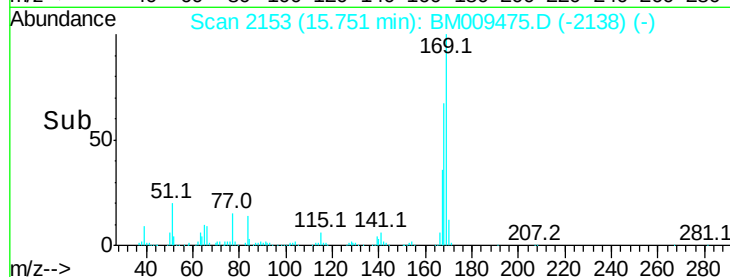
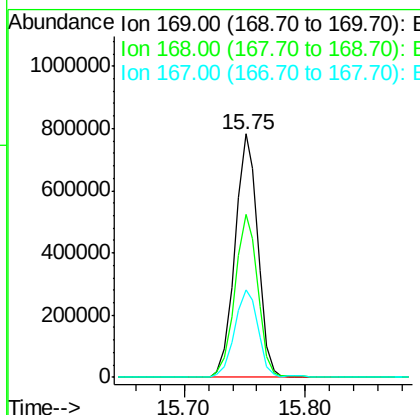
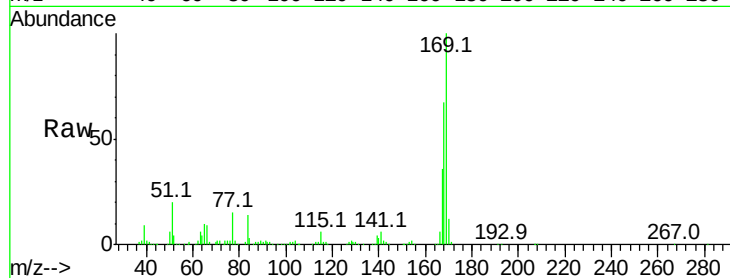




#65
n-Nitrosodiphenylamine
Concen: 48.26 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

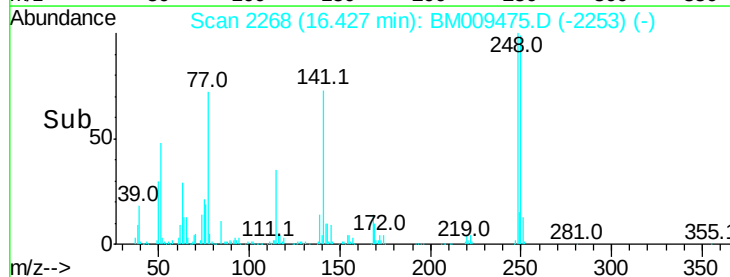
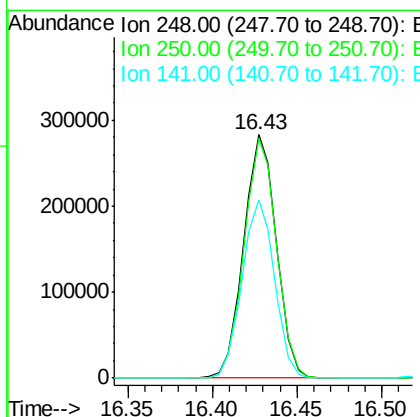
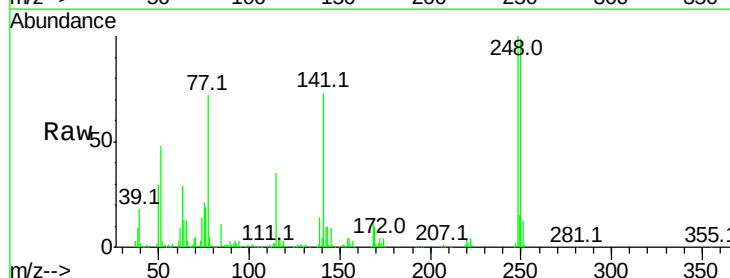
Instrument :
BNA_M
ClientSampleId :
PB97966BS

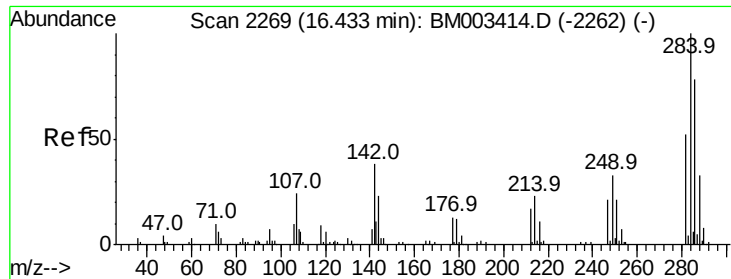
Tot Ion:169 Resp: 1026433
Ion Ratio Lower Upper
169 100
168 67.2 53.9 80.9
167 36.1 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 46.93 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:248 Resp: 380713
Ion Ratio Lower Upper
248 100
250 98.6 77.4 116.0
141 73.3 45.2 67.8#





#67

Hexachlorobenzene

Concen: 45.54 ng

RT: 16.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

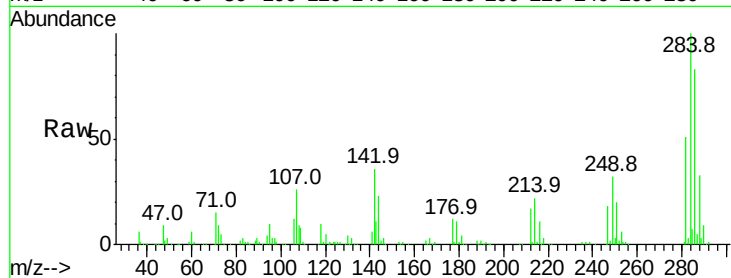
Tot Ion:284 Resp: 404959

Ion Ratio Lower Upper

284 100

142 35.9 20.4 30.6#

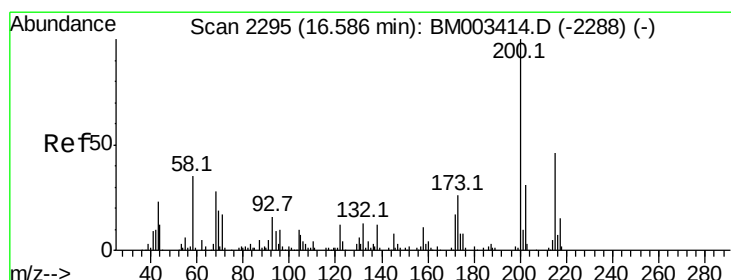
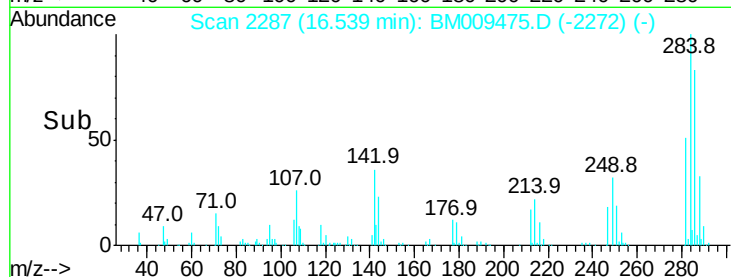
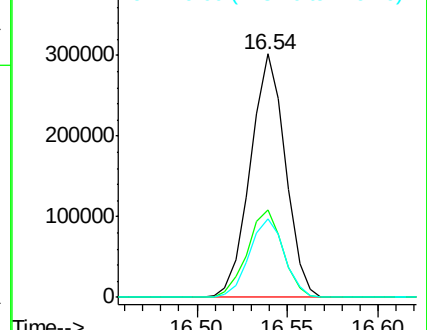
249 32.2 23.8 35.6



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: 45.11 ng

RT: 16.70 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

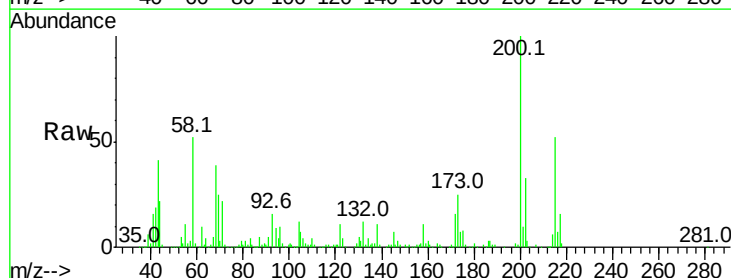
Tgt Ion:200 Resp: 360815

Ion Ratio Lower Upper

200 100

173 24.6 4.8 44.8

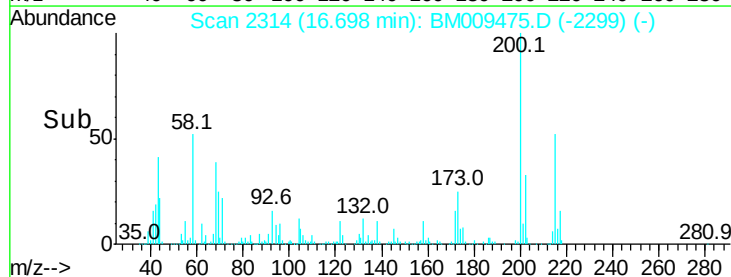
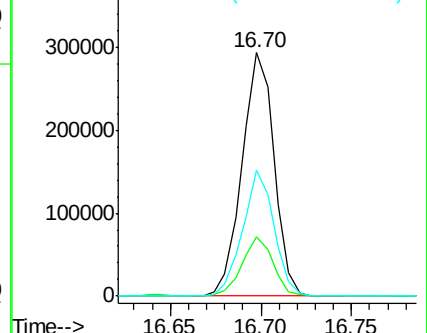
215 51.7 26.9 66.9

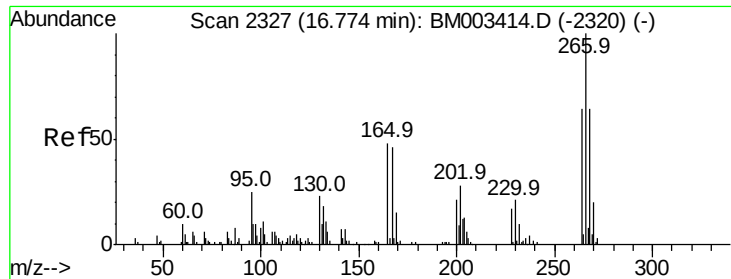


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

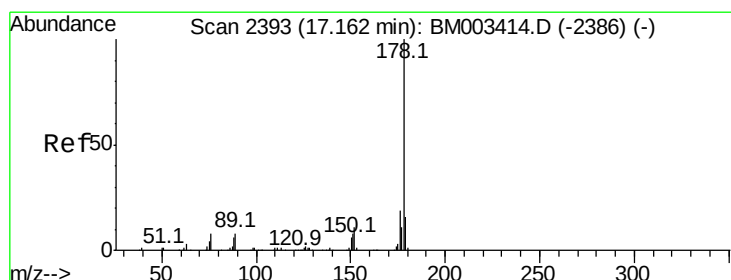
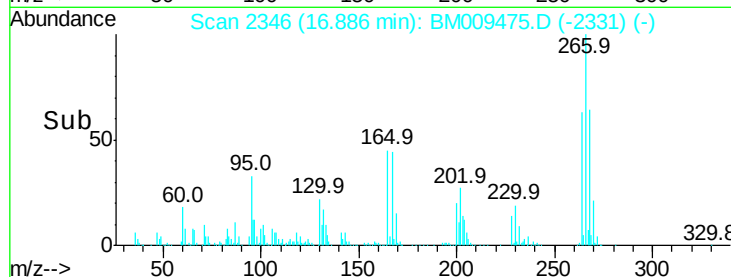
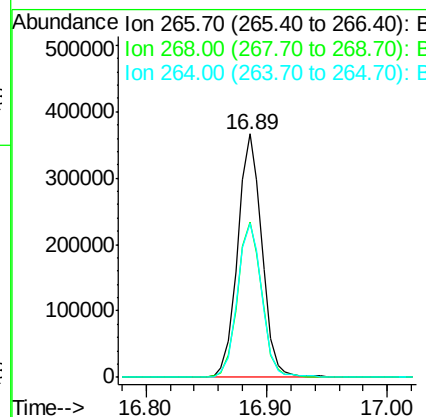
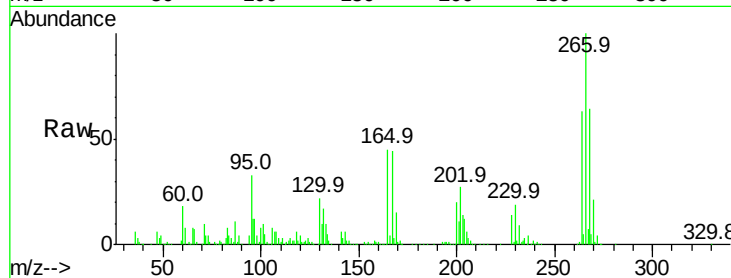




#69
 Pentachlorophenol
 Concen: 94.56 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

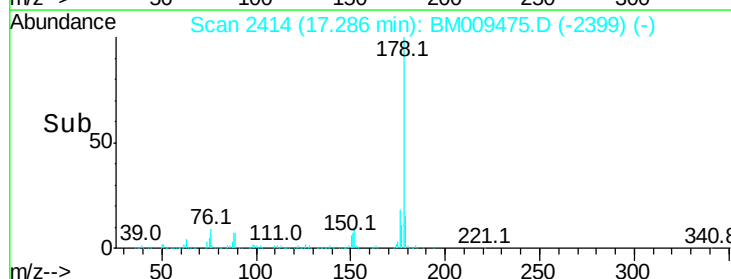
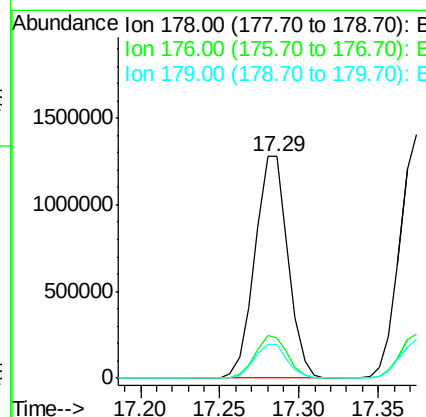
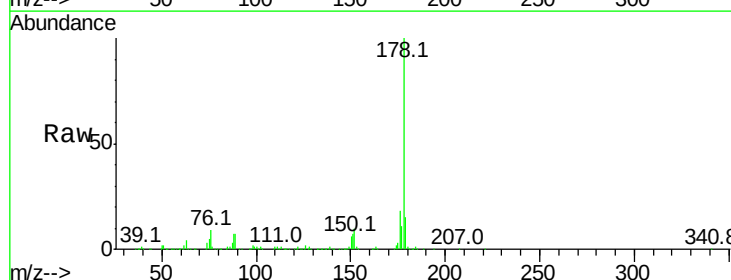
Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

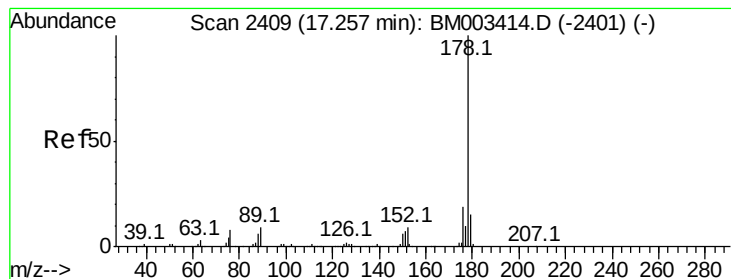
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.0	78.0
264	63.1	49.0	73.4



#70
 Phenanthrene
 Concen: 46.42 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.2	22.8
179	15.0	12.1	18.1





#71

Anthracene

Concen: 47.62 ng

RT: 17.37 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

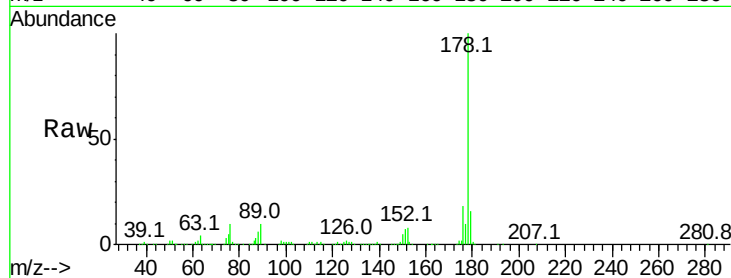
Tot Ion:178 Resp: 1930122

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

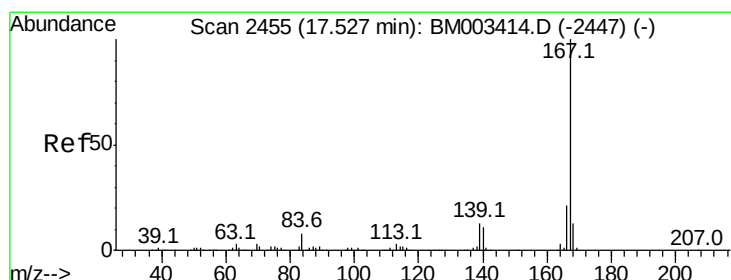
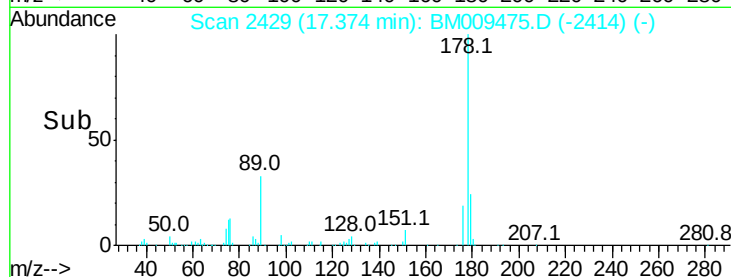
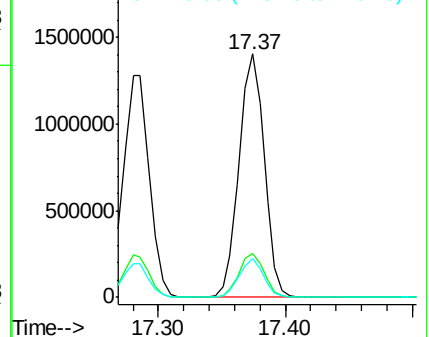
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.38 ng

RT: 17.64 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

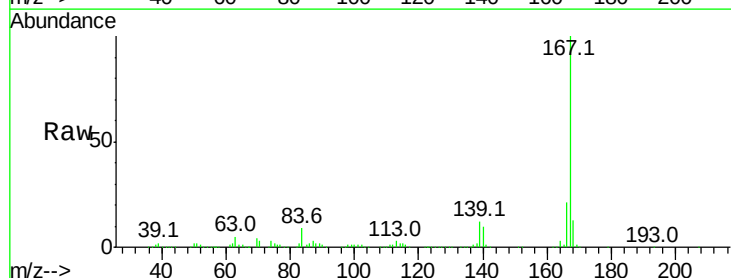
Tgt Ion:167 Resp: 1722915

Ion Ratio Lower Upper

167 100

166 20.7 17.2 25.8

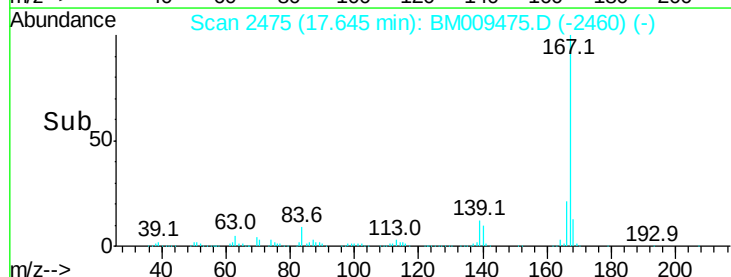
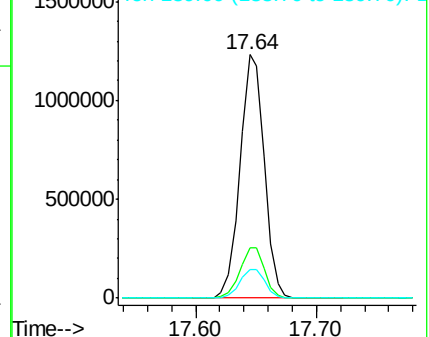
139 11.9 10.8 16.2

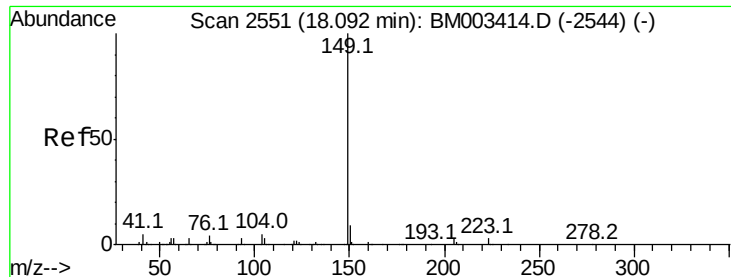


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

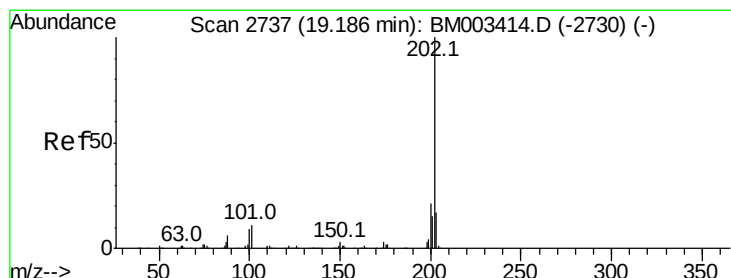
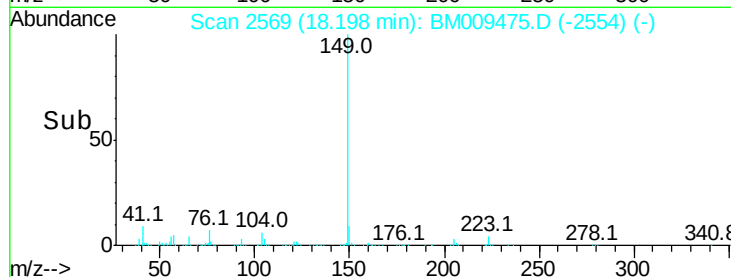
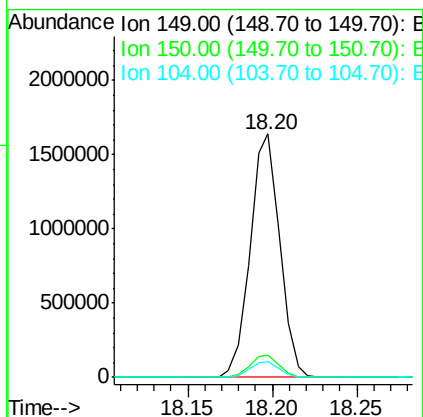
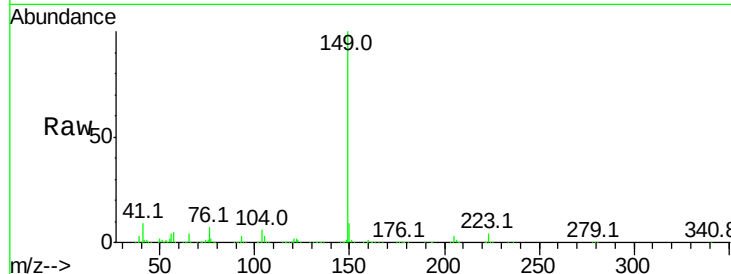




#73
Di-n-butylphthalate
Concen: 50.34 ng
RT: 18.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

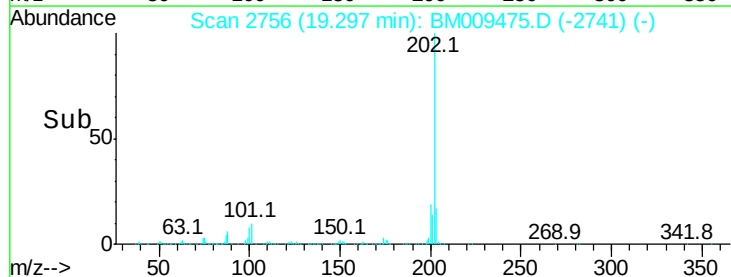
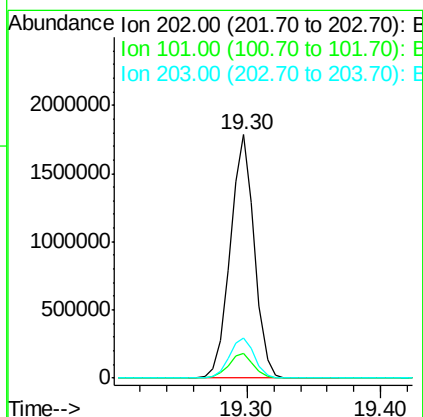
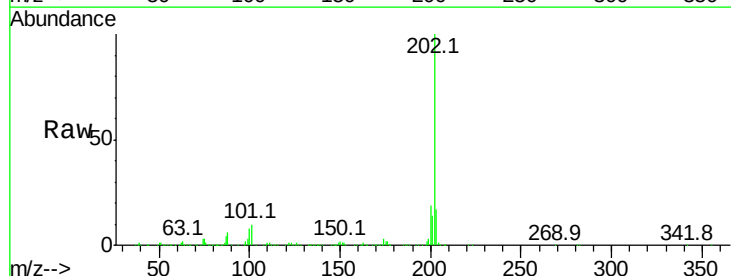
Instrument :
BNA_M
ClientSampleId :
PB97966BS

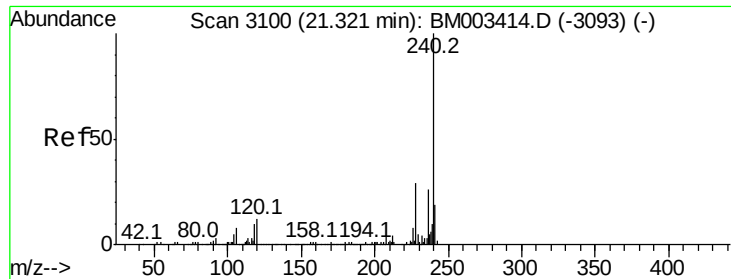
Tot Ion:149 Resp: 1996260
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 6.5 3.7 5.5#



#74
Fluoranthene
Concen: 47.32 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:202 Resp: 2243948
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.7
203 16.6 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

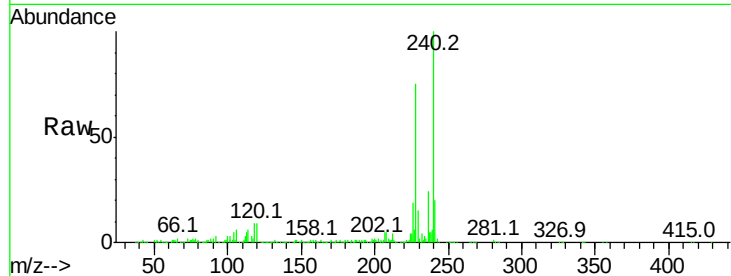
Tot Ion:240 Resp: 908120

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

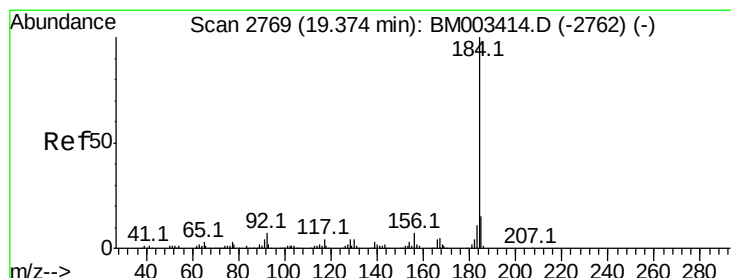
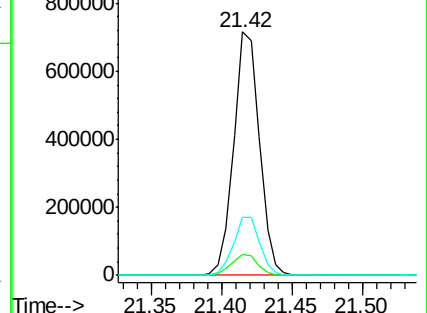
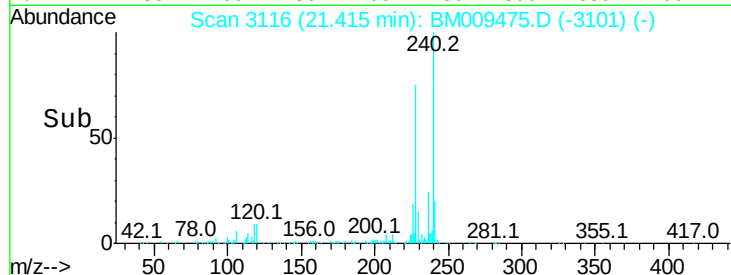
236 23.9 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.38 ng

RT: 19.49 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

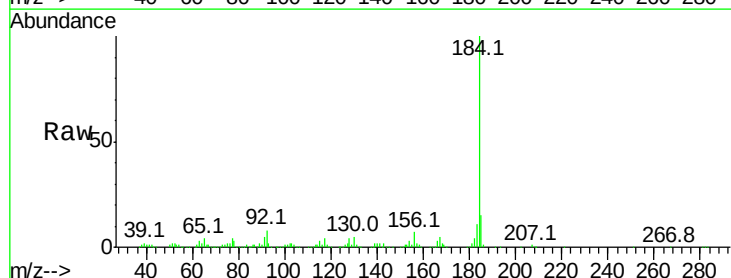
Tgt Ion:184 Resp: 795164

Ion Ratio Lower Upper

184 100

185 15.0 11.3 16.9

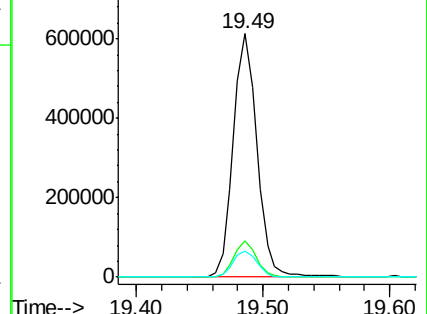
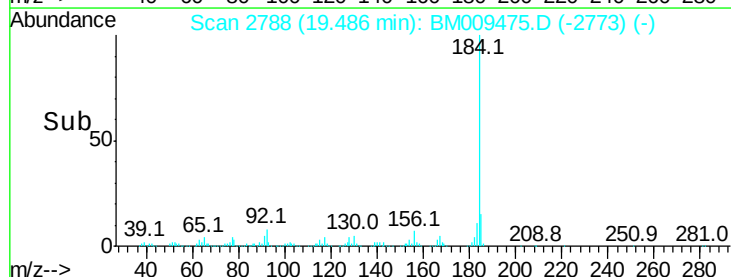
183 10.7 8.9 13.3

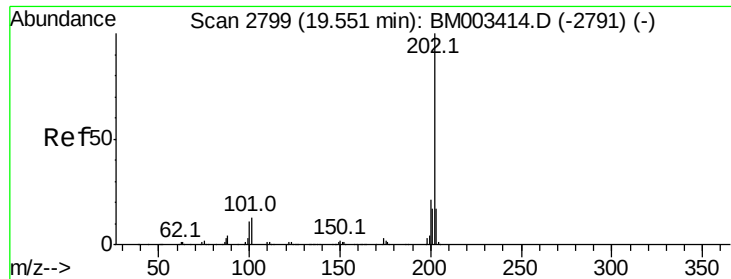


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

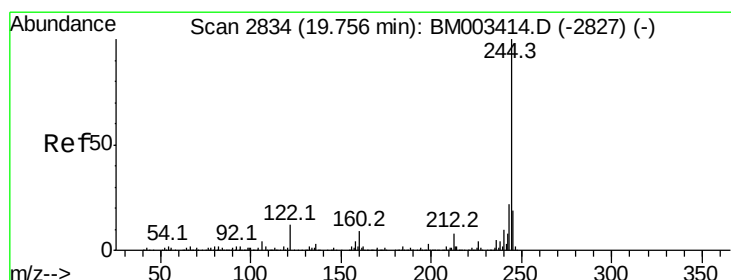
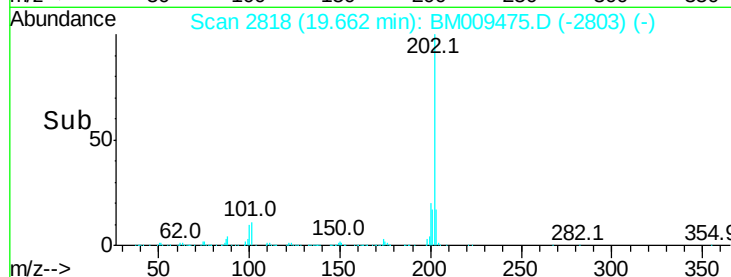
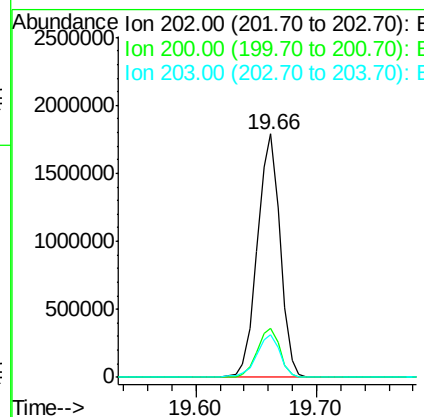
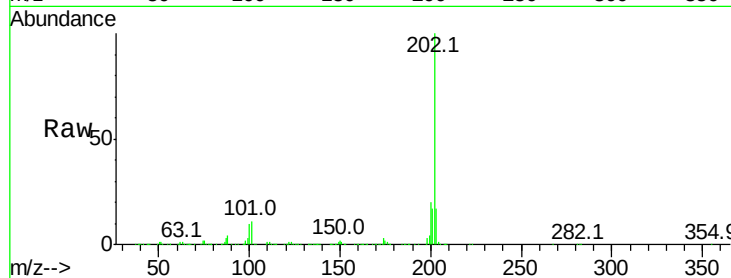




#77
Pvrene
Concen: 45.64 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

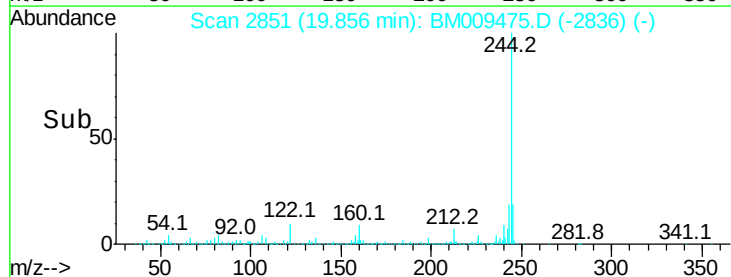
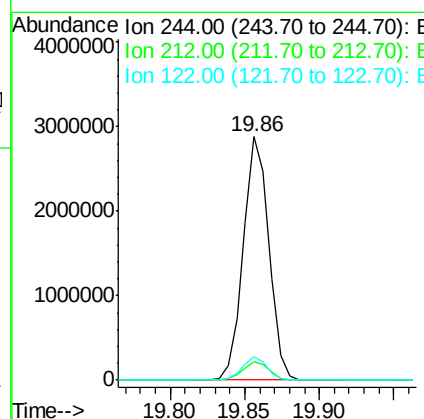
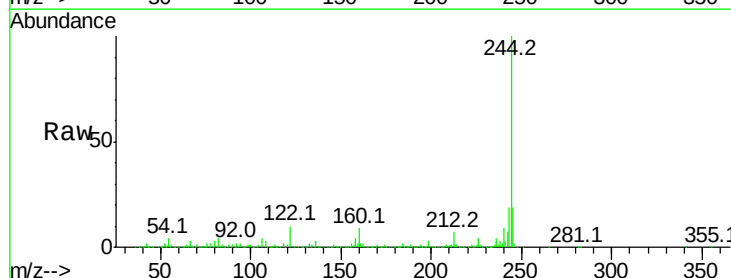
Instrument :
BNA_M
ClientSampleId :
PB97966BS

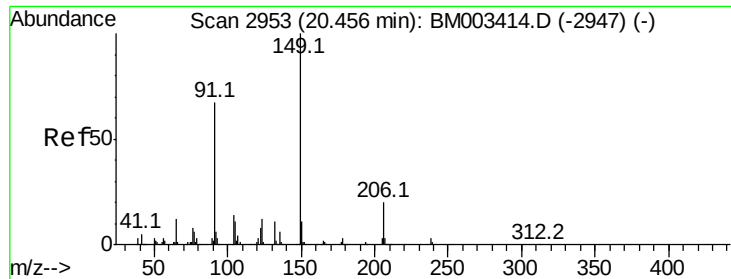
Tot Ion:202 Resp: 2350656
Ion Ratio Lower Upper
202 100
200 20.4 16.9 25.3
203 17.4 14.1 21.1



#78
Terphenyl-d14
Concen: 78.78 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:244 Resp: 3423830
Ion Ratio Lower Upper
244 100
212 7.5 4.9 7.3#
122 9.6 6.2 9.4#

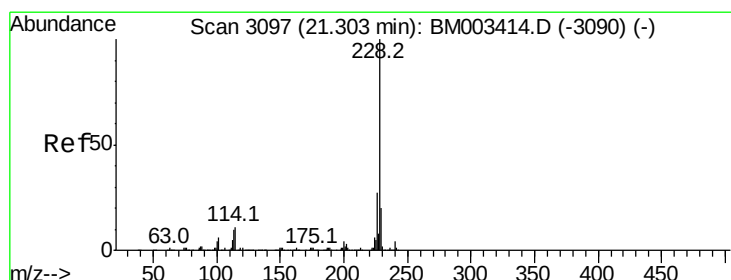
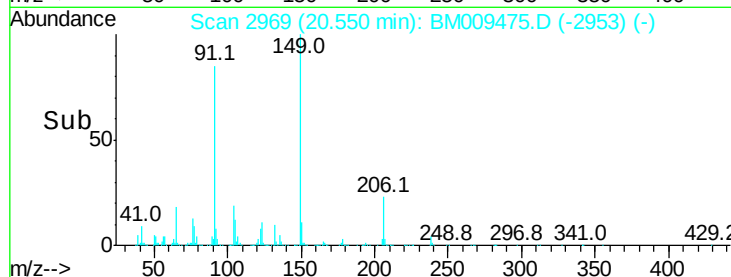
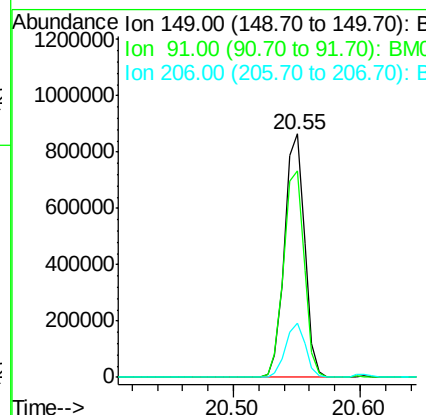
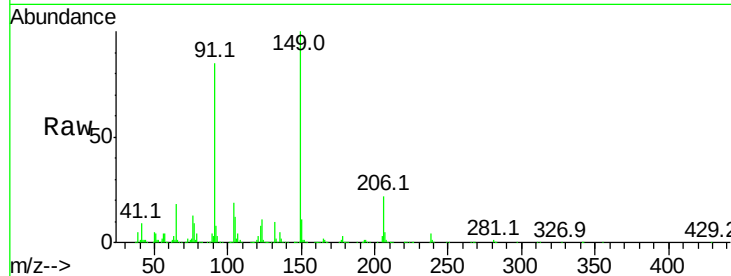




#79
Butylbenzylphthalate
Concen: 51.26 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

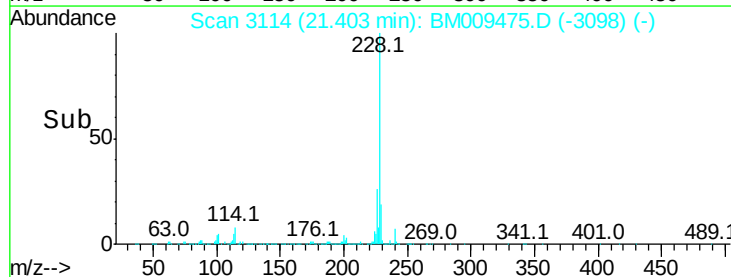
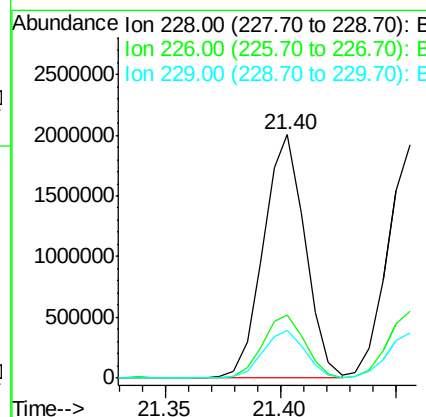
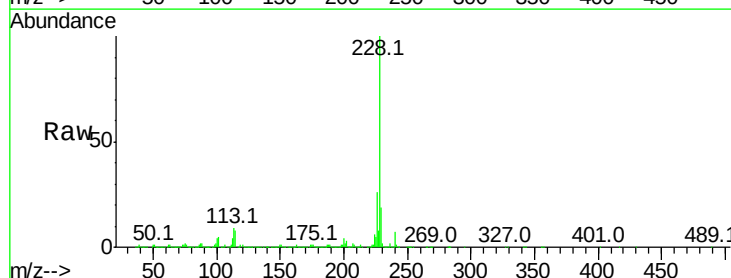
Instrument :
BNA_M
ClientSampleId :
PB97966BS

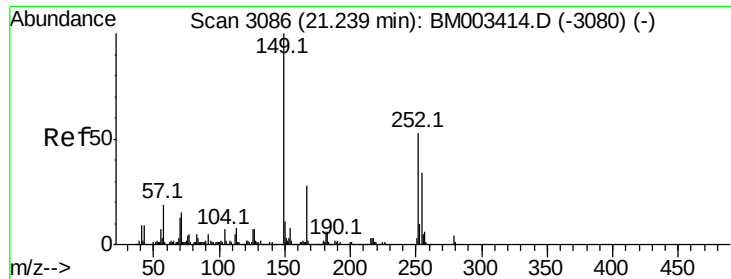
Tot Ion:149 Resp: 950694
Ion Ratio Lower Upper
149 100
91 85.0 50.1 75.1#
206 22.5 16.2 24.2



#80
Benzo(a)anthracene
Concen: 47.28 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:228 Resp: 2507929
Ion Ratio Lower Upper
228 100
226 26.0 21.7 32.5
229 19.4 16.0 24.0

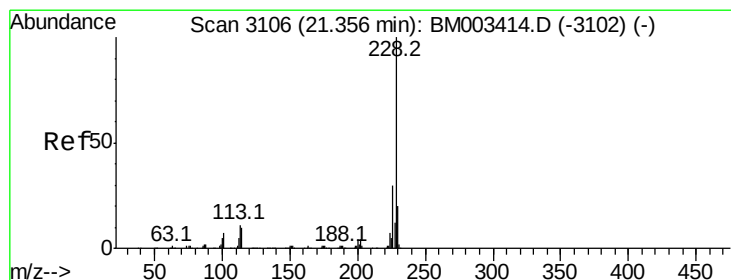
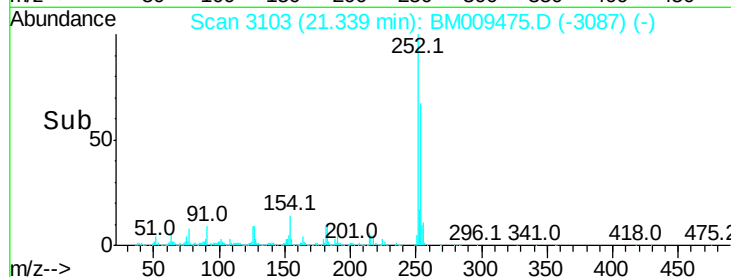
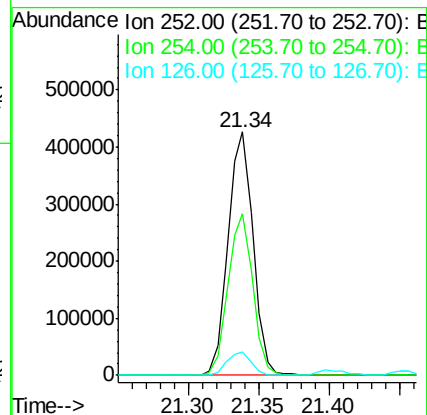
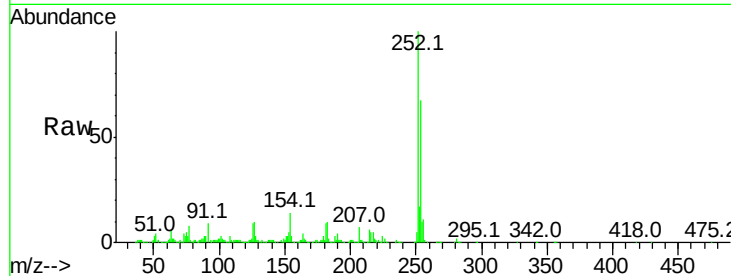




#81
 3,3'-Dichlorobenzidine
 Concen: 26.48 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

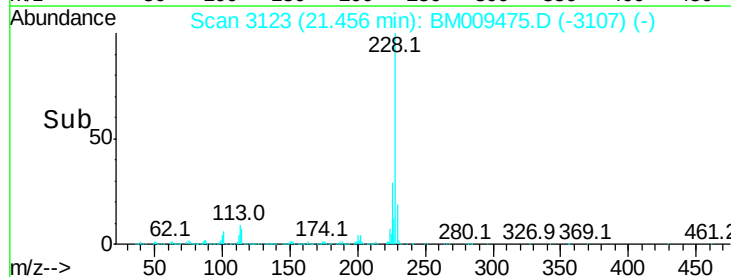
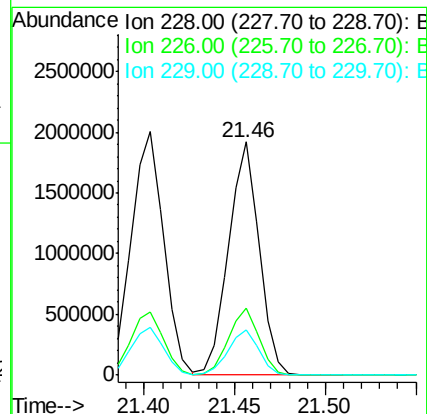
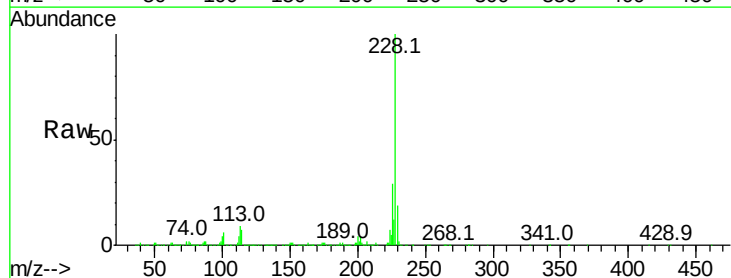
Instrument :
 BNA_M
 ClientSampled :
 PB97966BS

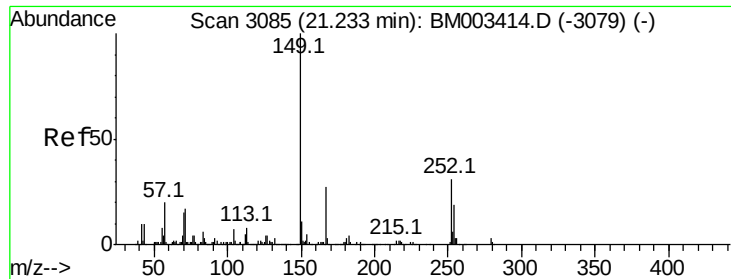
Tot Ion:252 Resp: 525975
 Ion Ratio Lower Upper
 252 100
 254 66.7 51.9 77.9
 126 9.5 9.8 14.8#



#82
 Chrysene
 Concen: 44.59 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion:228 Resp: 2258189
 Ion Ratio Lower Upper
 228 100
 226 28.7 24.1 36.1
 229 19.5 15.5 23.3

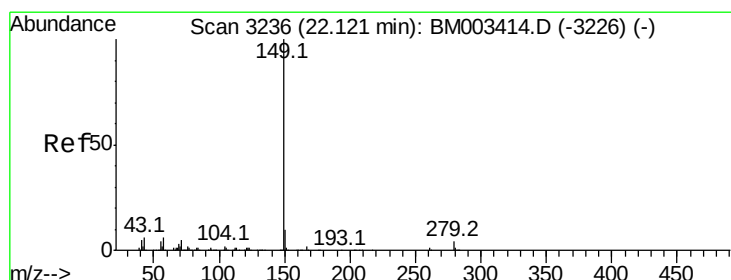
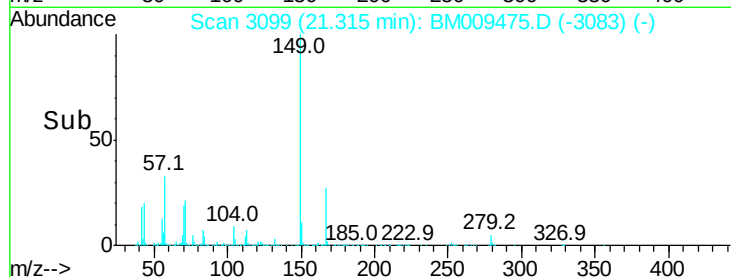
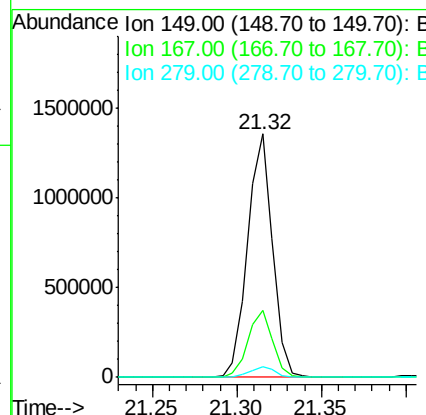
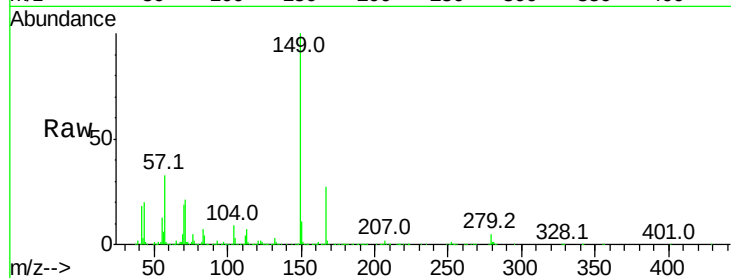




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.46 ng
 RT: 21.32 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

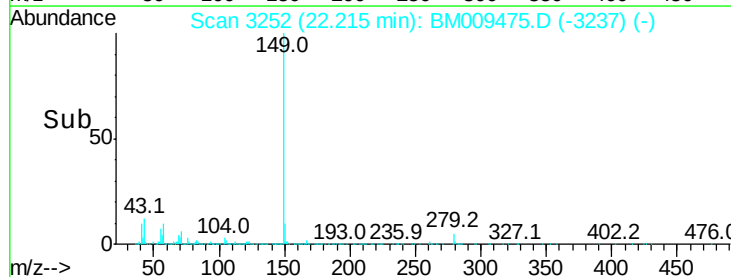
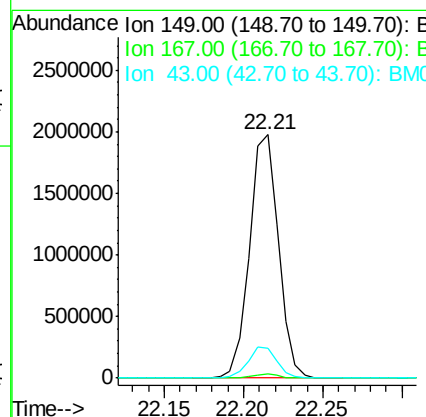
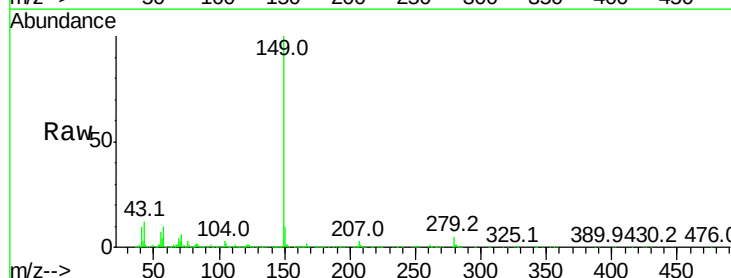
Instrument :
 BNA_M
 ClientSampleId :
 PB97966BS

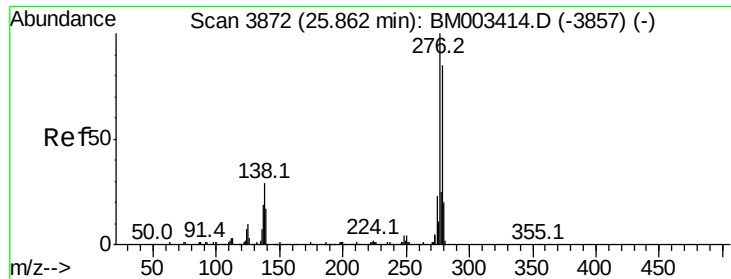
Tot Ion:149 Resp: 1396608
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.4 33.6
 279 4.6 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 54.14 ng
 RT: 22.21 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BM009475.D
 Acq: 31 Mar 2017 16:00

Tgt Ion:149 Resp: 2493809
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.9 7.3 10.9#

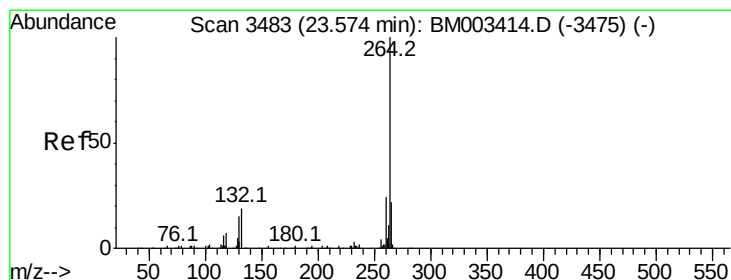
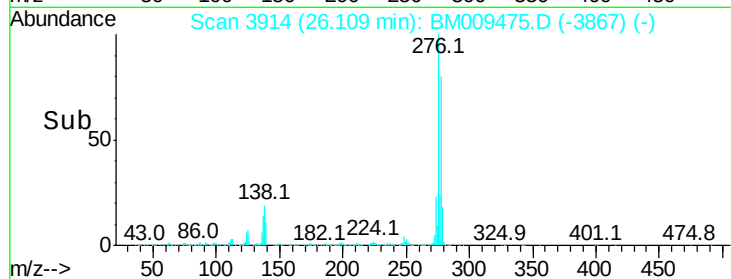
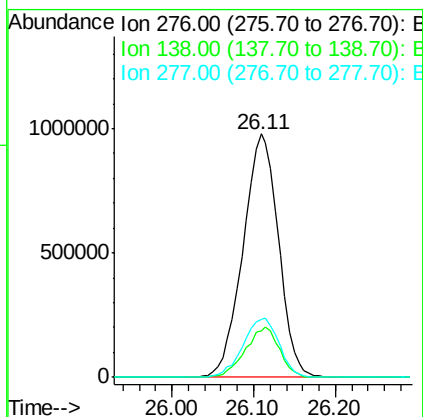
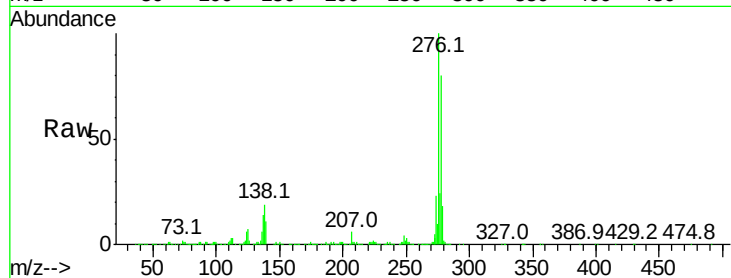




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.43 ng
RT: 26.11 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

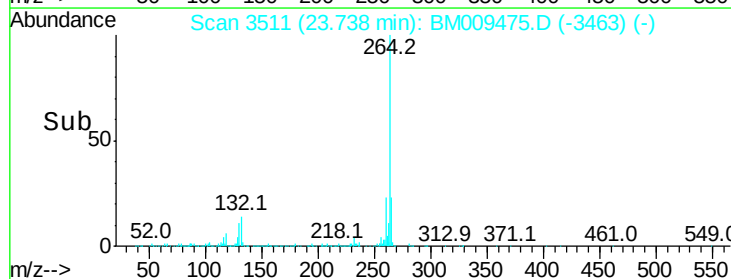
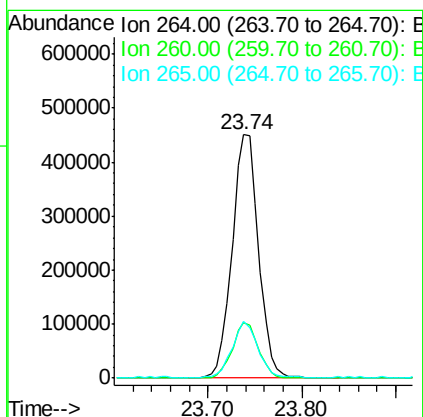
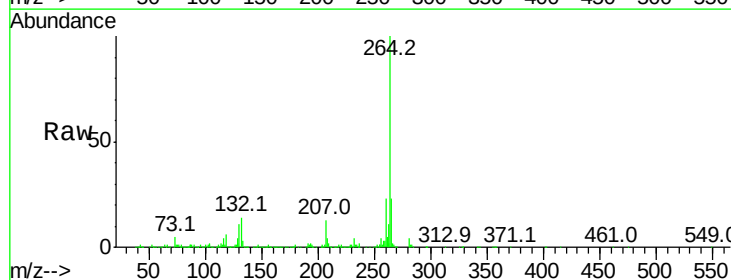
Instrument :
BNA_M
ClientSampleId :
PB97966BS

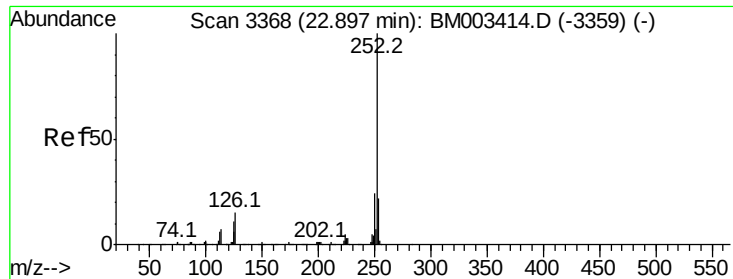
Tot Ion:276 Resp: 2951240
Ion Ratio Lower Upper
276 100
138 20.0 0.0 0.0#
277 24.9 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:264 Resp: 877268
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 23.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 47.57 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

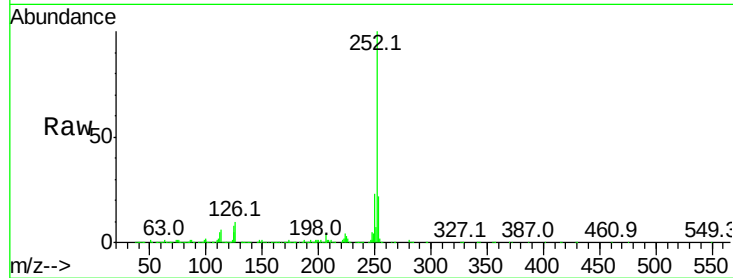
Tot Ion:252 Resp: 2645028

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

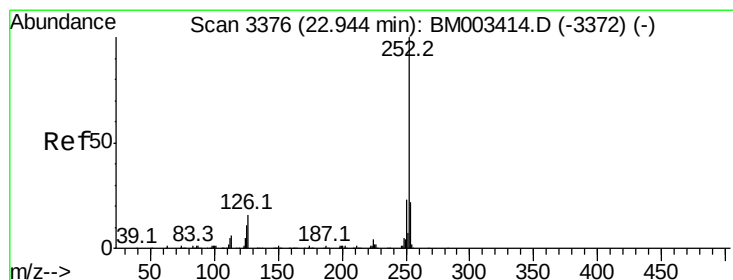
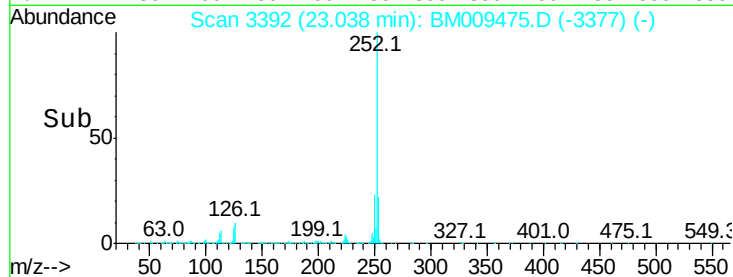
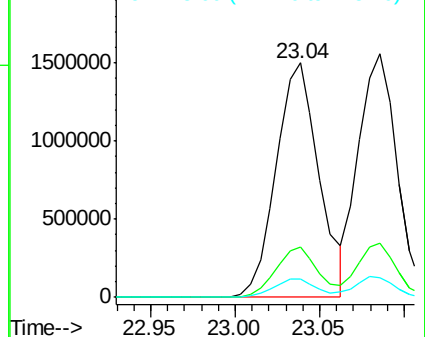
125 7.7 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.82 ng

RT: 23.09 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

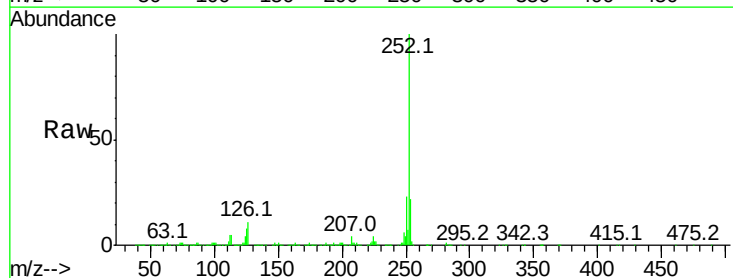
Tgt Ion:252 Resp: 2450513

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

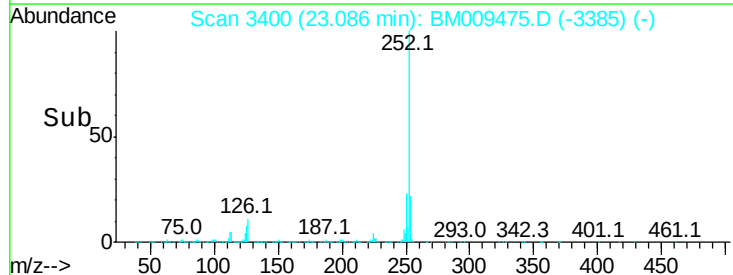
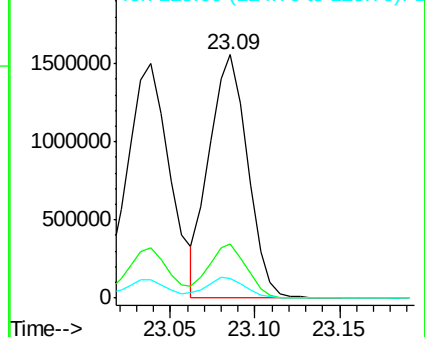
125 8.2 8.1 12.1

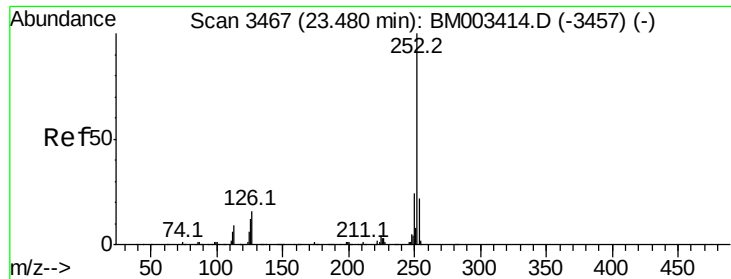


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



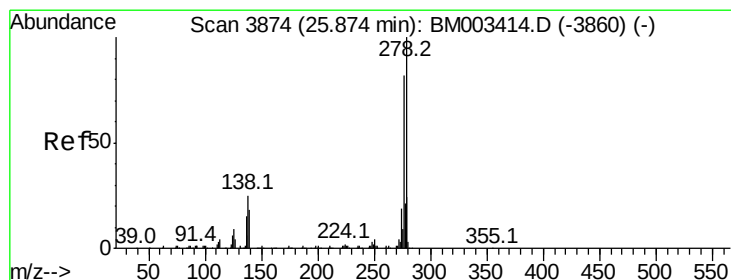
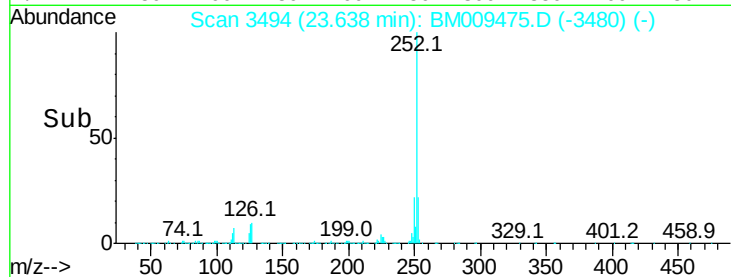
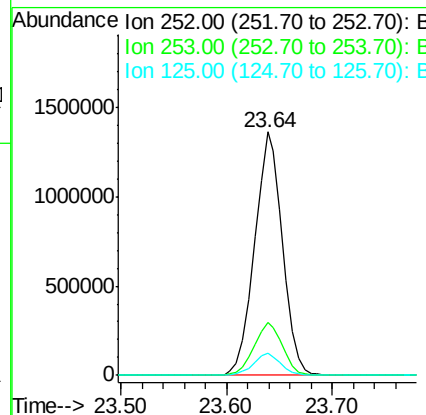
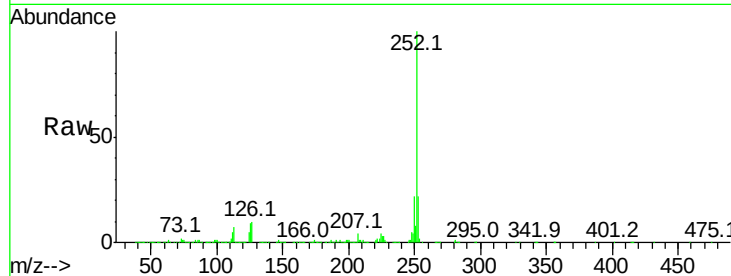


#89
Benzo(a)pyrene
Concen: 48.57 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Instrument :
BNA_M
ClientSampleId :
PB97966BS

Tot Ion:252 Resp: 2501172

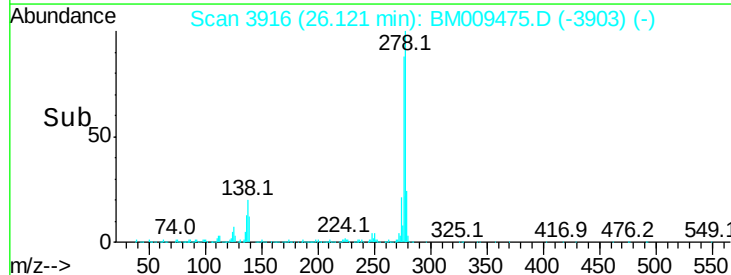
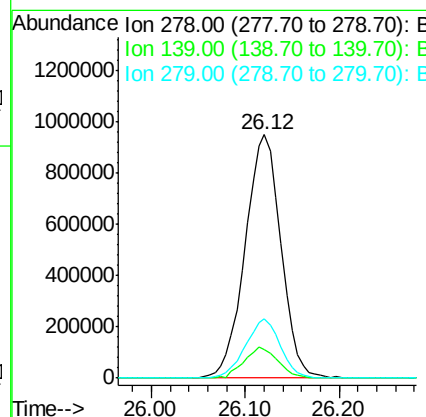
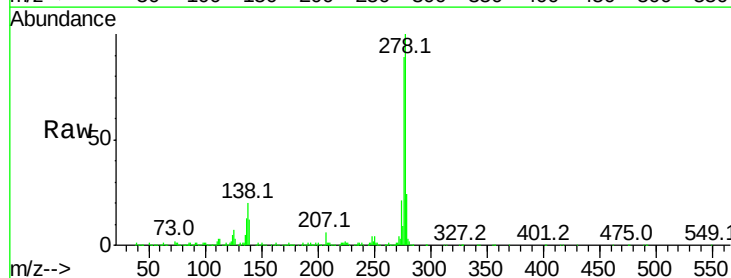
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.1	7.4	11.2

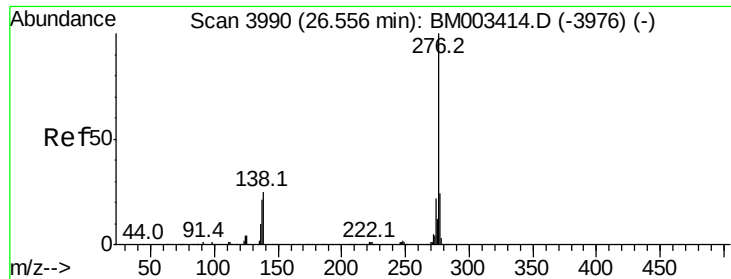


#90
Dibenzo(a,h)anthracene
Concen: 49.57 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009475.D
Acq: 31 Mar 2017 16:00

Tgt Ion:278 Resp: 2500463

Ion	Ratio	Lower	Upper
278	100		
139	11.8	13.4	20.0#
279	24.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 49.20 ng

RT: 26.84 min Scan# 4038

Delta R.T. -0.02 min

Lab File: BM009475.D

Acq: 31 Mar 2017 16:00

Instrument :

BNA_M

ClientSampleId :

PB97966BS

Tot Ion:276 Resp: 2419409

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 17.8 19.0 28.6#

