

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM011990.D
 Acq On : 08 Oct 2017 23:12
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 09 01:48:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 01:39:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	192345	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	861121	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	551034	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1334024	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1706023	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1883752	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	34681	8.53	ng/uL	0.00
5) Phenol-d5	7.01	99	334662	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	200526	20.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	290807	21.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	293220	20.50	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	135755	22.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	160968	23.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	305726	21.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	379727	24.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1015228	21.26	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1203113	21.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	164978	19.77	ng/ul	0.00
57) Fluorene-d10	15.49	176	869367	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	188835	21.04	ng/ul	0.00
70) Anthracene-d10	17.34	188	1401971	21.33	ng/ul	0.00
76) Pyrene-d10	19.63	212	1678691	21.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1905231	21.02	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.30	88	35472	8.584	ng/uL#	70
4) Benzaldehyde	6.99	77	191771	23.255	ng/ul	92
6) Phenol	7.04	94	327555	20.003	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.27	93	250243	20.352	ng/ul	96
10) 2-Chlorophenol	7.41	128	275385	21.228	ng/ul	96
11) 2-Methylphenol	8.29	108	252649	20.286	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.39	45	321849	20.468	ng/ul#	88
14) Acetophenone	8.67	105	429356	20.511	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.66	70	229532	21.427	ng/ul#	70
16) 4-Methylphenol	8.62	108	284126	20.381	ng/ul	92
17) Hexachloroethane	8.93	117	112003	21.518	ng/ul#	80
20) Nitrobenzene	9.06	77	329484	22.240	ng/ul	93
21) Isophorone	9.58	82	608760	22.035	ng/ul#	94
23) 2-Nitrophenol	9.77	139	163667	22.545	ng/ul#	77
24) 2,4-Dimethylphenol	9.82	107	336368	21.604	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.06	93	361985	21.338	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	295381	21.930	ng/ul	93
28) Naphthalene	10.70	128	909308	21.050	ng/ul	99
30) 4-Chloroaniline	10.82	127	357435	23.916	ng/ul	96
31) Hexachlorobutadiene	10.98	225	205263	20.771	ng/ul	94
32) Caprolactam	11.60	113	94368	21.369	ng/ul#	44
33) 4-Chloro-3-methylphenol	11.94	107	319257	21.806	ng/ul	96
34) 2-Methylnaphthalene	12.32	142	692434	21.022	ng/ul	98

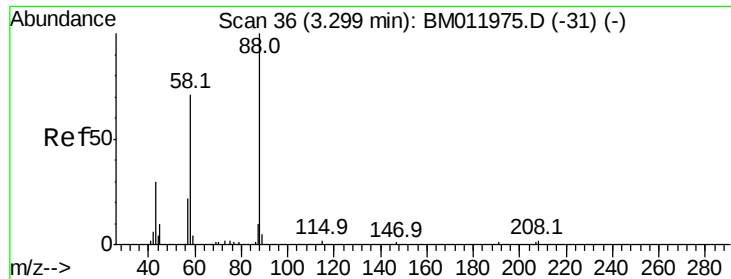
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	389789	20.852	ng/ul	96
37) Hexachlorocyclopentadiene	12.66	237	168300	15.469	ng/ul	98
38) 2,4,6-Trichlorophenol	12.93	196	257411	21.681	ng/ul	97
39) 2,4,5-Trichlorophenol	13.00	196	275923	22.081	ng/ul	99
40) 1,1'-Biphenyl	13.33	154	915378	20.778	ng/ul	99
41) 2-Chloronaphthalene	13.37	162	724757	21.023	ng/ul	98
42) 2-Nitroaniline	13.58	65	202349	23.122	ng/ul	93
44) Dimethylphthalate	13.95	163	979304	21.315	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	191526	22.110	ng/ul	90
47) Acenaphthylene	14.22	152	1167441	21.454	ng/ul	99
48) 3-Nitroaniline	14.41	138	168515	20.942	ng/ul	85
49) Acenaphthene	14.56	153	781595	20.757	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	112191	19.597	ng/ul	95
52) 4-Nitrophenol	14.72	109	132243	19.832	ng/ul#	78
53) Dibenzofuran	14.90	168	1140742	20.874	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	292762	22.858	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.12	232	267371	21.910	ng/ul	93
56) Diethylphthalate	15.31	149	997260	21.385	ng/ul	95
58) Fluorene	15.54	166	954544	20.916	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.53	204	490814	20.335	ng/ul	96
60) 4-Nitroaniline	15.57	138	188897	20.152	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.63	198	194462	21.204	ng/ul	92
64) N-Nitrosodiphenylamine	15.75	169	821642	21.321	ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	308858	20.669	ng/ul	96
66) Hexachlorobenzene	16.54	284	353151	21.138	ng/ul#	89
67) Atrazine	16.70	200	323398	21.197	ng/ul	94
68) Pentachlorophenol	16.89	266	217639	20.708	ng/ul	97
69) Phenanthrene	17.28	178	1521719	20.737	ng/ul	99
71) Anthracene	17.37	178	1575661	21.103	ng/ul	99
72) Carbazole	17.64	167	1352890	20.918	ng/ul	99
73) Di-n-butylphthalate	18.20	149	1704996	22.000	ng/ul#	97
74) Fluoranthene	19.30	202	1920783	21.453	ng/ul#	90
77) Pyrene	19.66	202	2054414	21.718	ng/ul#	91
78) Butylbenzylphthalate	20.54	149	860598	23.225	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.33	252	753248	23.717	ng/ul#	94
80) Benzo(a)anthracene	21.40	228	2146432	21.962	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	1289738	23.396	ng/ul#	96
82) Chrysene	21.45	228	2020985	21.763	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	2264249	20.574	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	2401073	20.970	ng/ul#	97
86) Benzo(k)fluoranthene	23.08	252	2254526	19.723	ng/ul#	98
88) Benzo(a)pyrene	23.63	252	2335539	21.228	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.11	276	2769439	23.522	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.11	278	2293987	23.712	ng/ul#	95
91) Benzo(g,h,i)perylene	26.84	276	2289406	23.507	ng/ul#	94

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



#2

1,4-Dioxane

Concen: 8.584 ng/uL

RT: 3.30 min Scan# 36

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

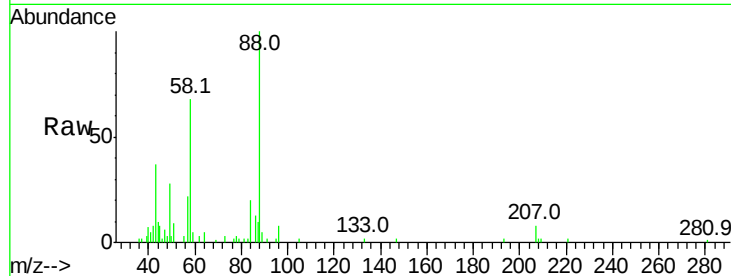
Tot Ion: 88 Resp: 35472

Ion Ratio Lower Upper

88 100

43 33.6 48.0 72.0#

58 72.4 80.0 120.0#

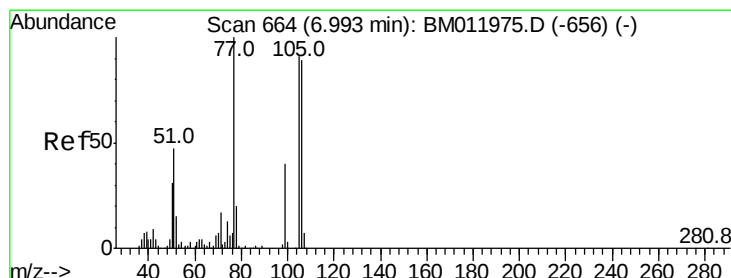
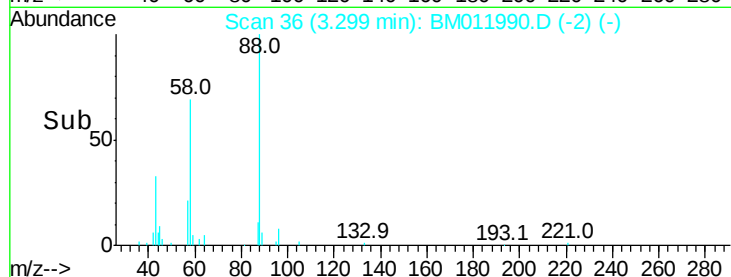
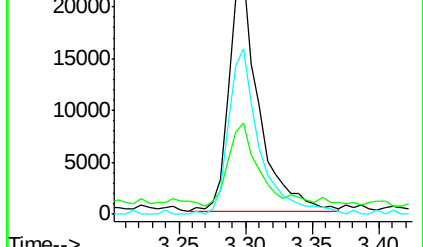


Abundance Ion 88.00 (87.70 to 88.70): BM011990.D (-31) (-)

Ion 43.00 (42.70 to 43.70): BM011990.D (-31) (-)

Ion 58.00 (57.70 to 58.70): BM011990.D (-31) (-)

Time-->



#4

Benzaldehyde

Concen: 23.255 ng/uL

RT: 6.99 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

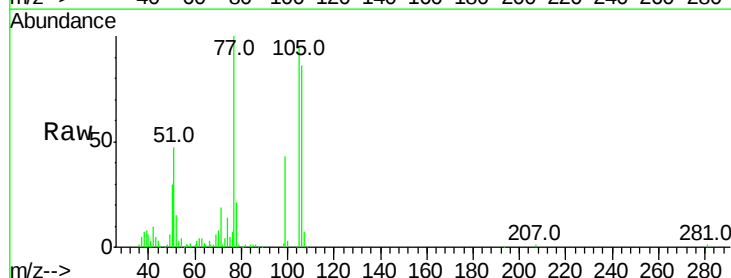
Tgt Ion: 77 Resp: 191771

Ion Ratio Lower Upper

77 100

105 95.0 66.1 99.1

106 86.5 67.8 101.6

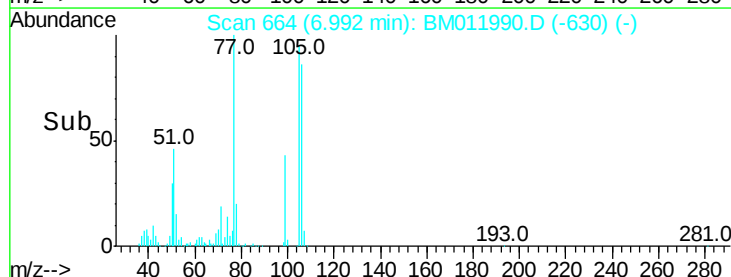
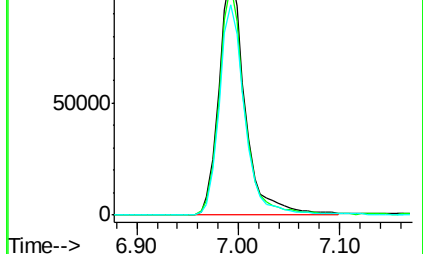


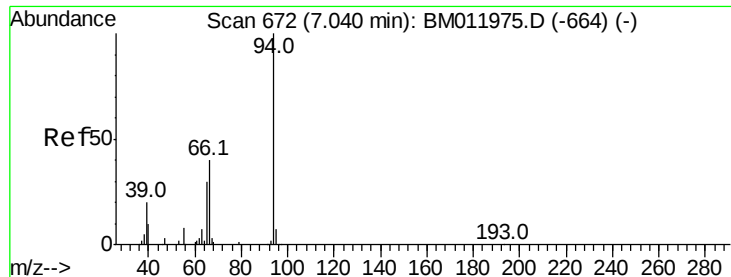
Abundance Ion 77.00 (76.70 to 77.70): BM011990.D (-656) (-)

Ion 105.00 (104.70 to 105.70): BM011990.D (-656) (-)

Ion 106.00 (105.70 to 106.70): BM011990.D (-656) (-)

Time-->





#6

Phenol

Concen: 20.003 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

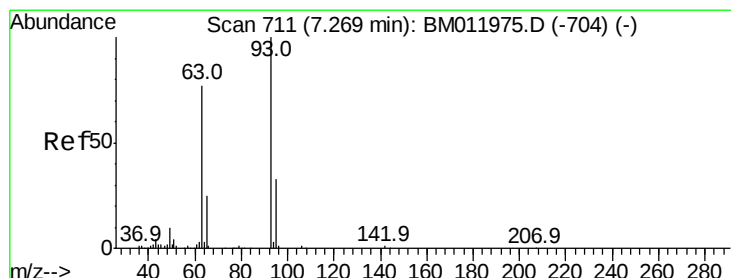
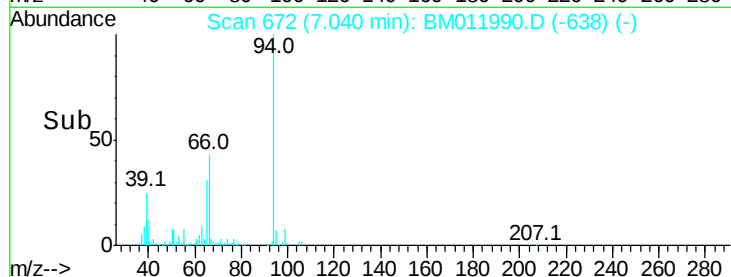
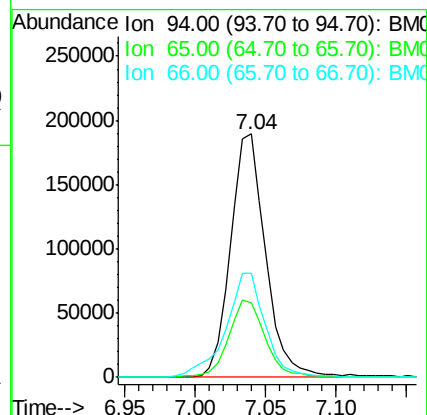
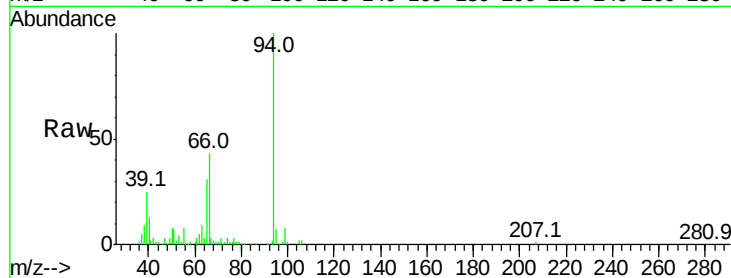
Tot Ion: 94 Resp: 327555

Ion Ratio Lower Upper

94 100

65 30.7 28.2 42.4

66 42.8 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 20.352 ng/ul

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

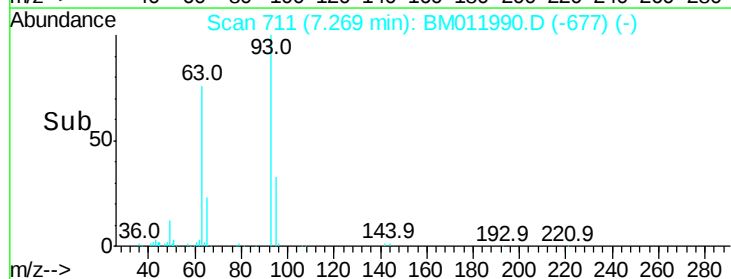
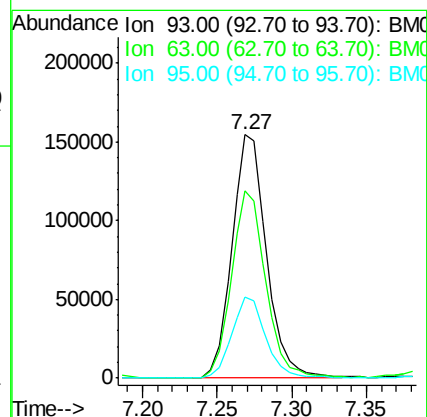
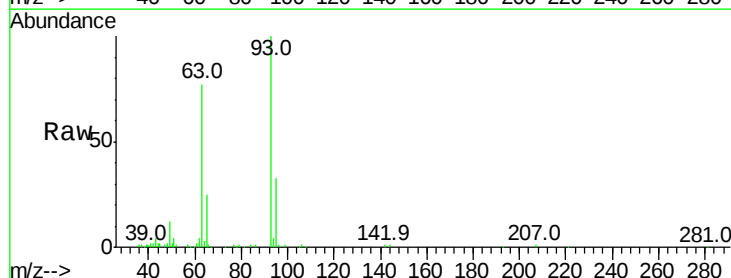
Tgt Ion: 93 Resp: 250243

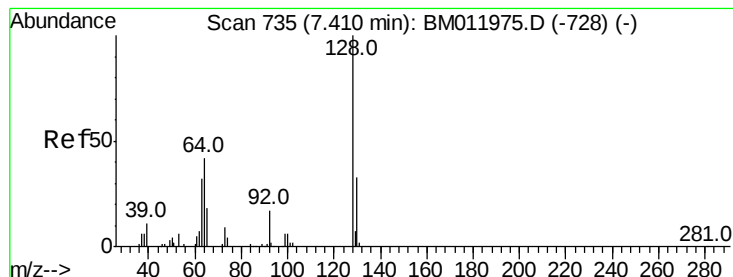
Ion Ratio Lower Upper

93 100

63 76.8 57.3 85.9

95 33.1 26.6 39.8





#10

2-Chlorophenol

Concen: 21.228 ng/ul

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

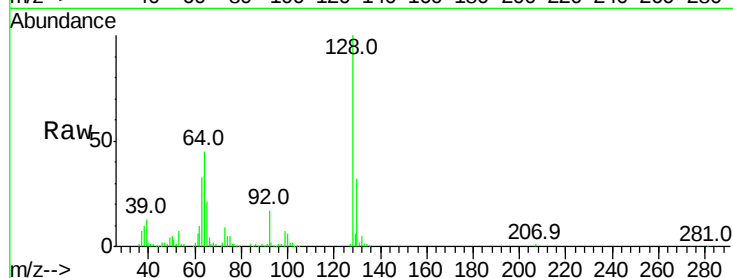
Tot Ion:128 Resp: 275385

Ion Ratio Lower Upper

128 100

64 45.1 38.0 57.0

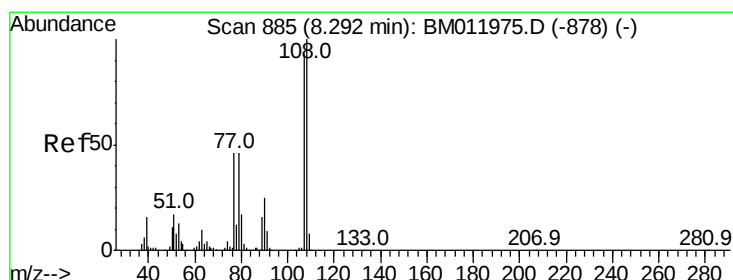
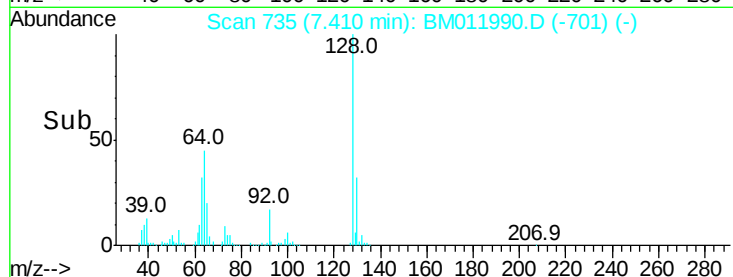
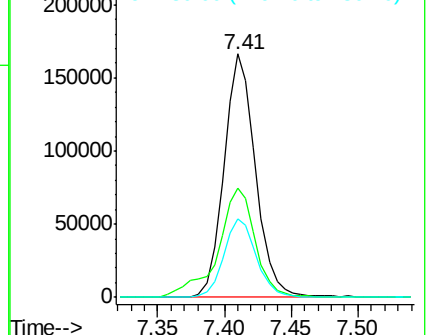
130 32.4 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.286 ng/ul

RT: 8.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BM011990.D

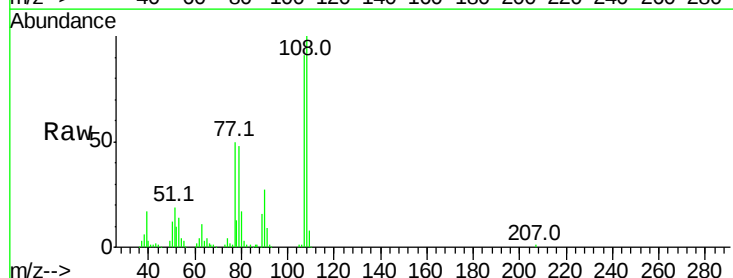
Acq: 08 Oct 2017 23:12

Tgt Ion:108 Resp: 252649

Ion Ratio Lower Upper

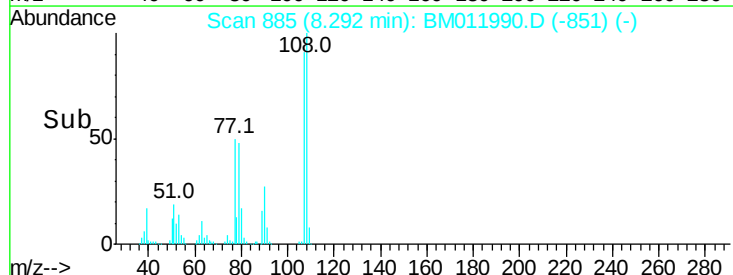
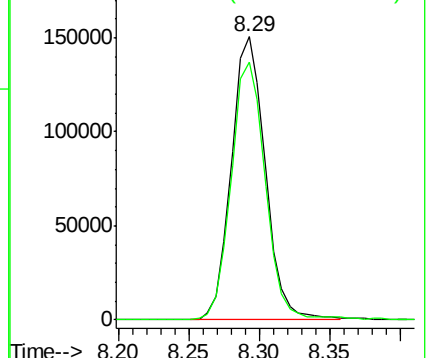
108 100

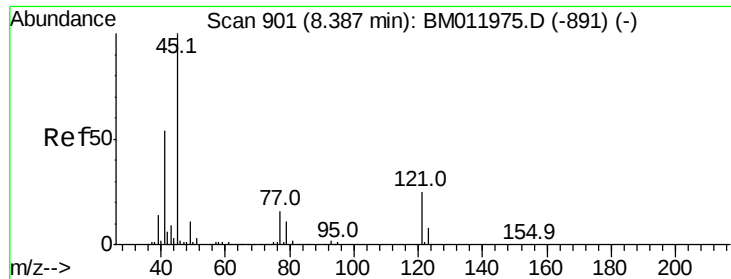
107 90.9 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

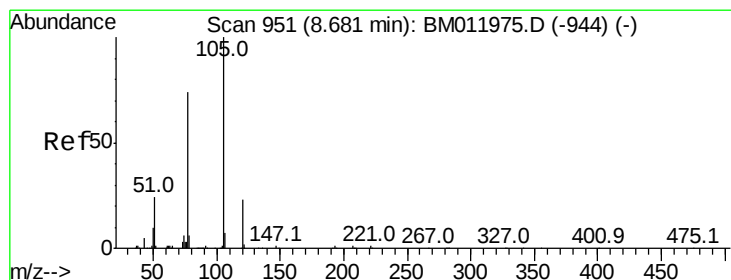
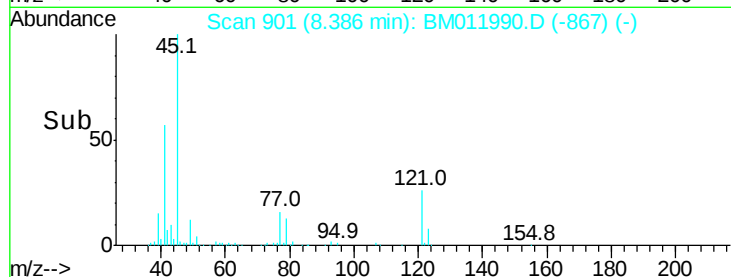
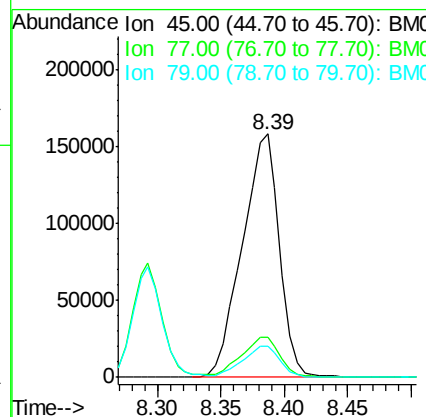
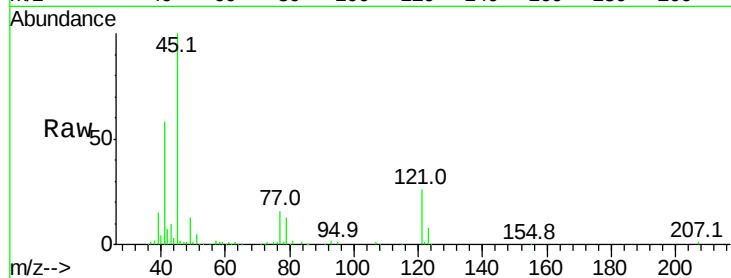




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.468 ng/ul
RT: 8.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

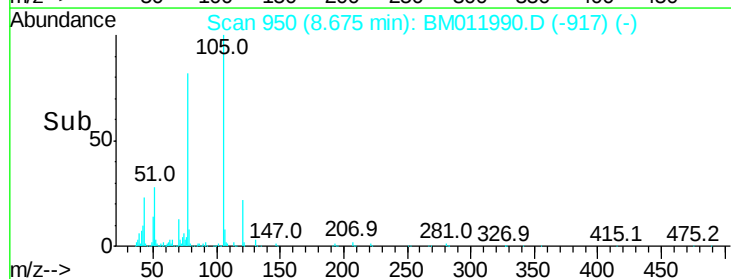
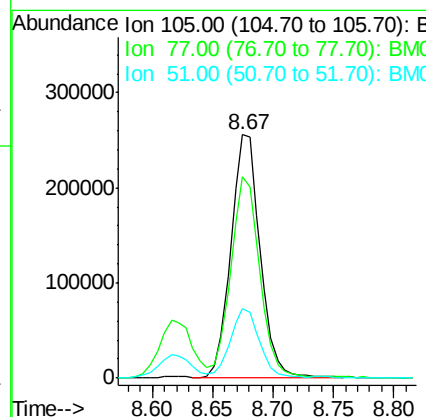
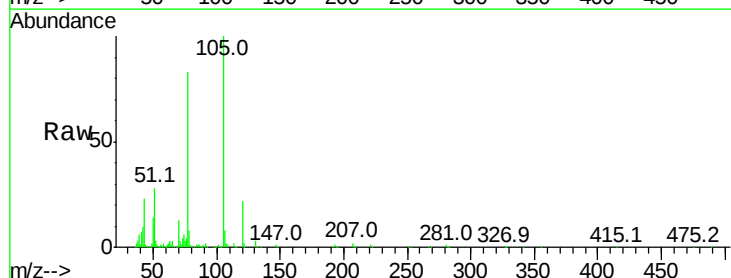
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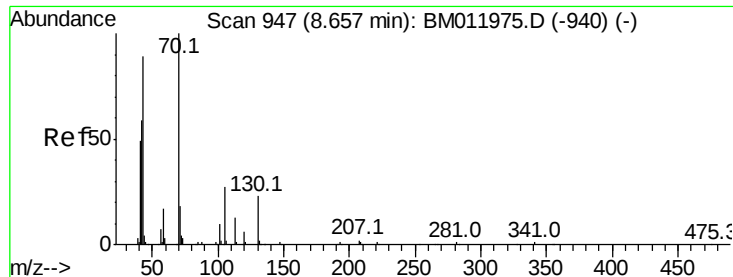
Tot Ion: 45 Resp: 321849
Ion Ratio Lower Upper
45 100
77 16.2 8.0 12.0#
79 12.8 8.0 12.0#



#14
Acetophenone
Concen: 20.511 ng/ul
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

Tgt Ion: 105 Resp: 429356
Ion Ratio Lower Upper
105 100
77 82.6 74.2 111.4
51 28.5 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 21.427 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 229532

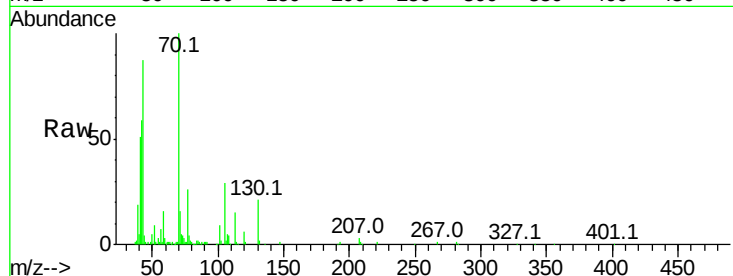
Ion Ratio Lower Upper

70 100

42 58.6 76.0 114.0#

101 9.3 6.7 10.1

130 20.9 14.6 22.0

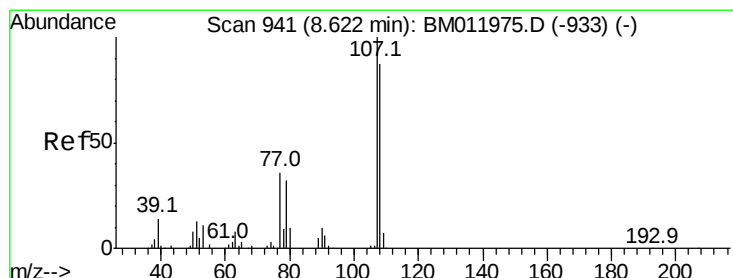
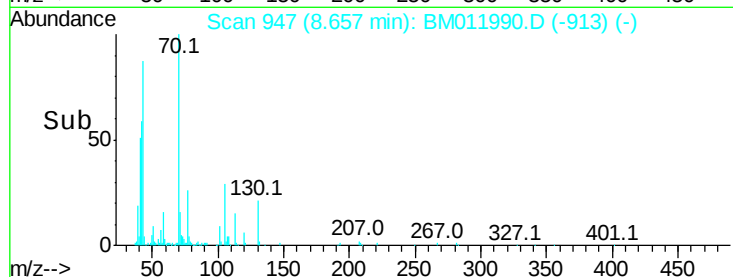
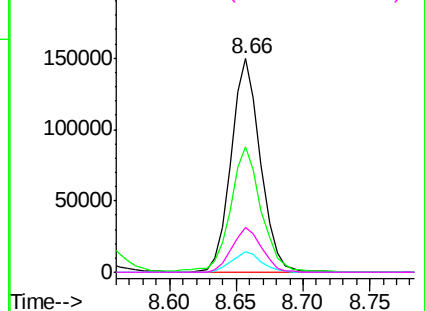


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.381 ng/ul

RT: 8.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BM011990.D

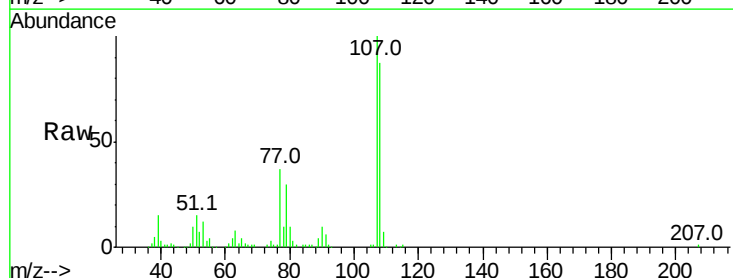
Acq: 08 Oct 2017 23:12

Tgt Ion: 108 Resp: 284126

Ion Ratio Lower Upper

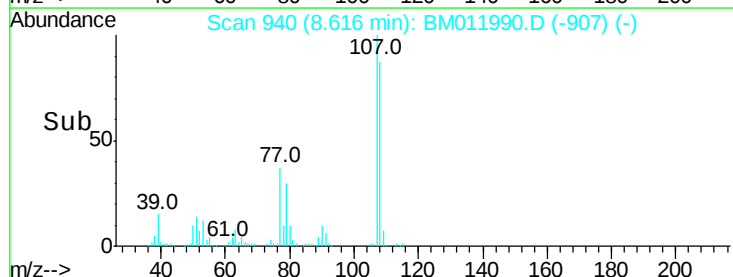
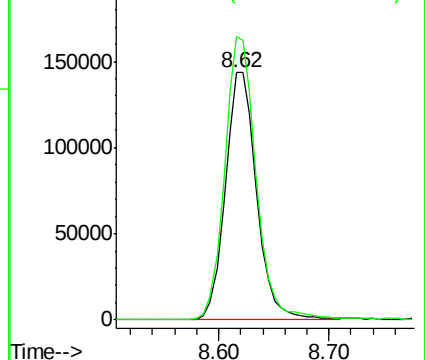
108 100

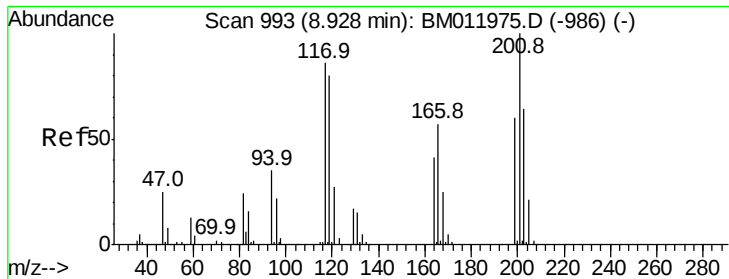
107 114.6 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 21.518 ng/ul

RT: 8.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

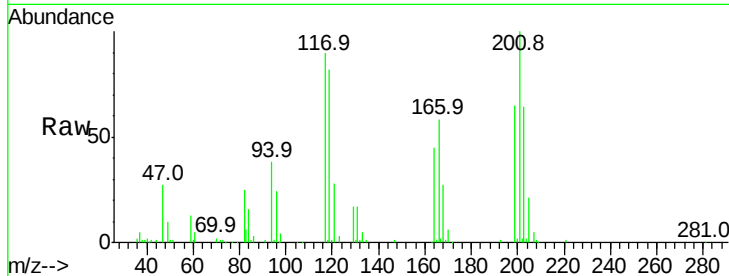
Tot Ion:117 Resp: 112003

Ion Ratio Lower Upper

117 100

201 110.6 111.6 167.4#

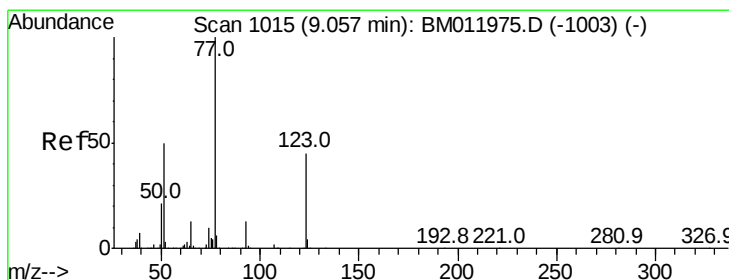
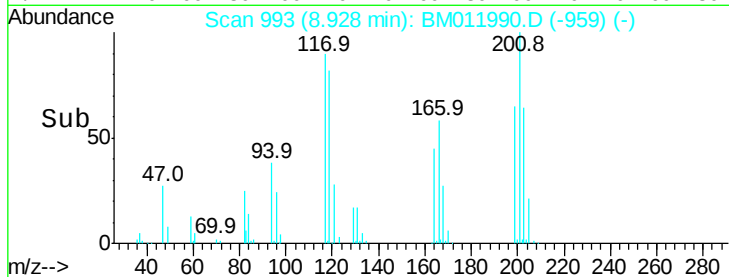
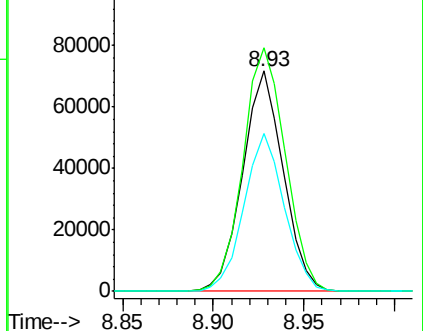
199 71.7 67.8 101.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 22.240 ng/ul

RT: 9.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

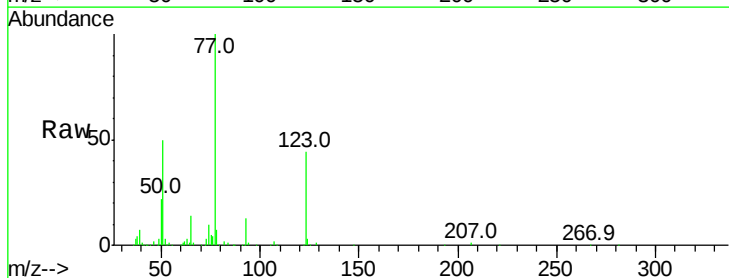
Tgt Ion: 77 Resp: 329484

Ion Ratio Lower Upper

77 100

123 44.0 31.0 46.6

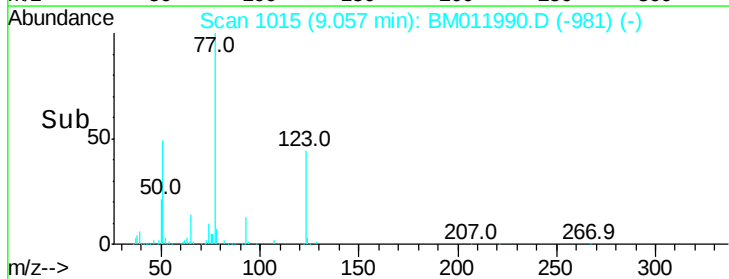
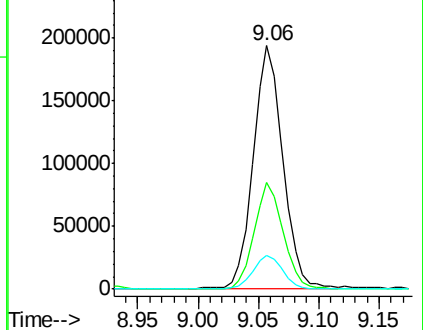
65 13.7 12.2 18.2

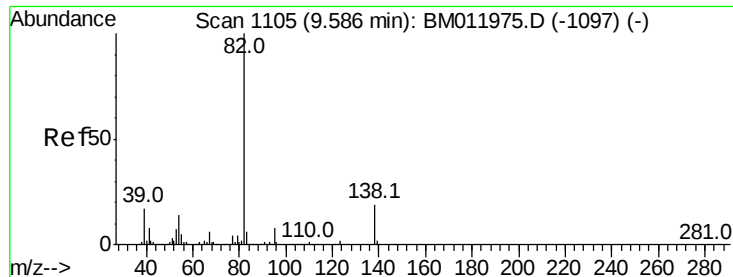


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 22.035 ng/ul

RT: 9.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

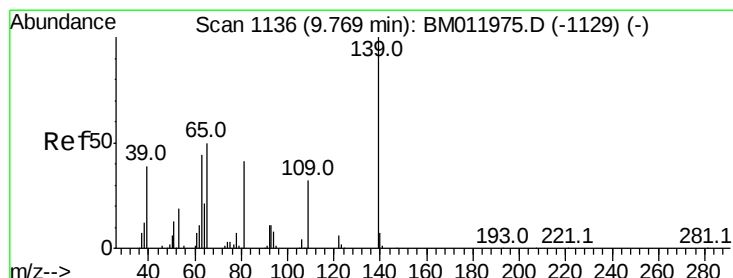
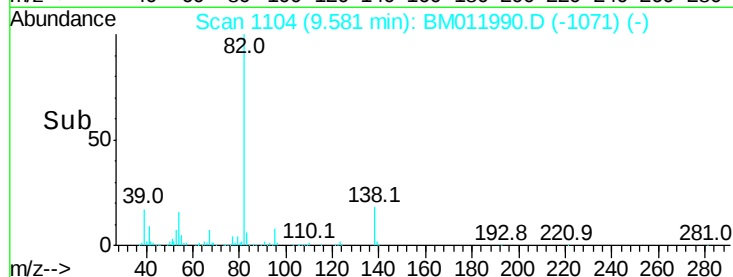
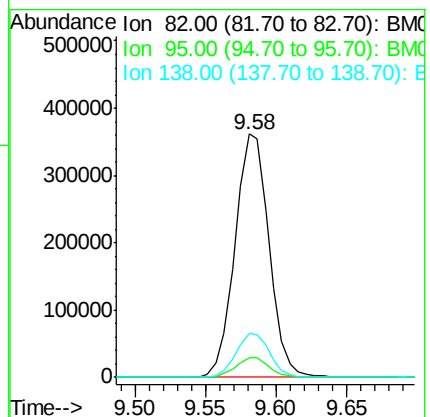
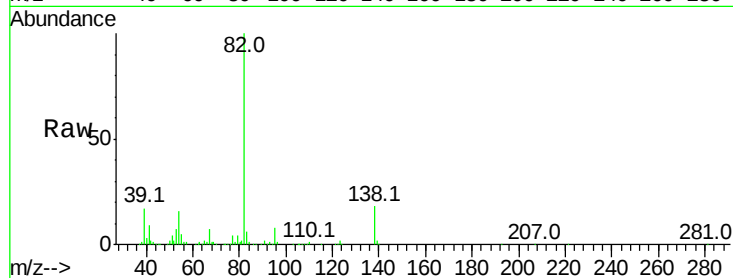
Tot Ion: 82 Resp: 608760

Ion Ratio Lower Upper

82 100

95 8.2 7.8 11.8

138 17.9 11.9 17.9#



#23

2-Nitrophenol

Concen: 22.545 ng/ul

RT: 9.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

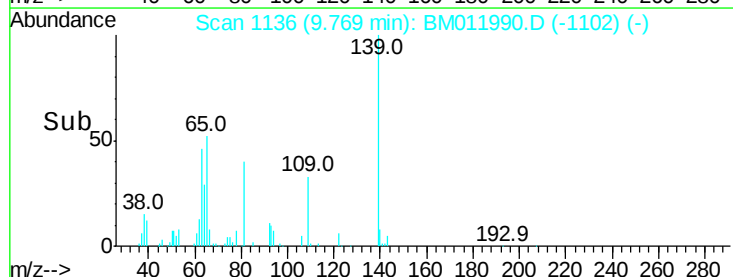
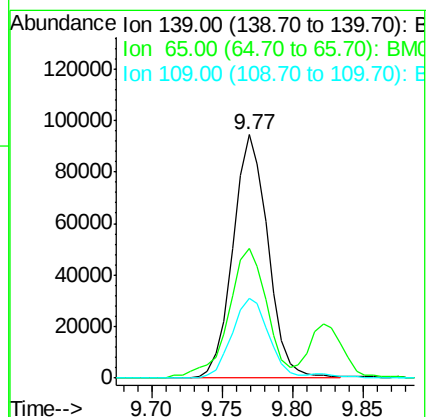
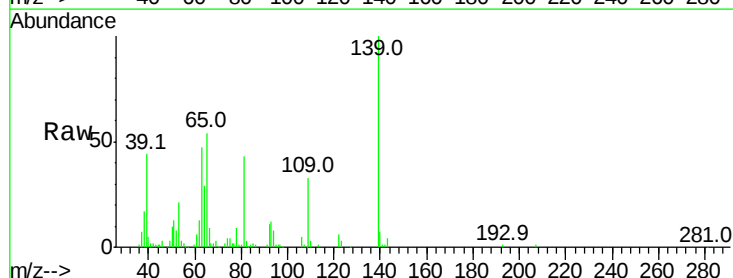
Tgt Ion: 139 Resp: 163667

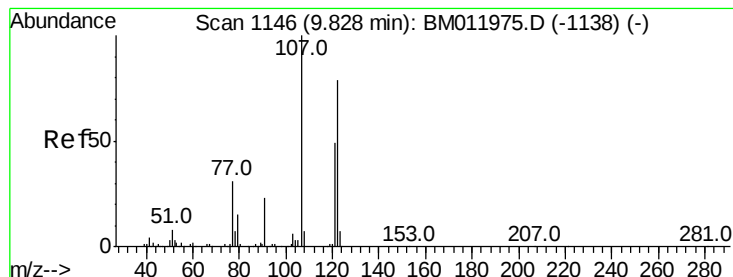
Ion Ratio Lower Upper

139 100

65 53.5 55.4 83.0#

109 32.7 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 21.604 ng/ul

RT: 9.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

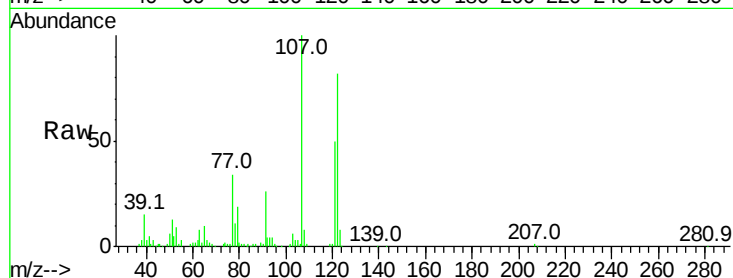
Tot Ion:107 Resp: 336368

Ion Ratio Lower Upper

107 100

121 50.2 31.9 47.9#

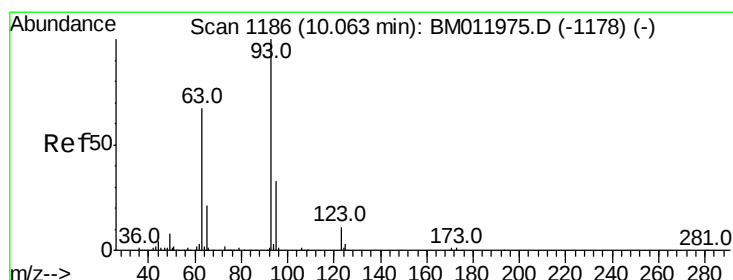
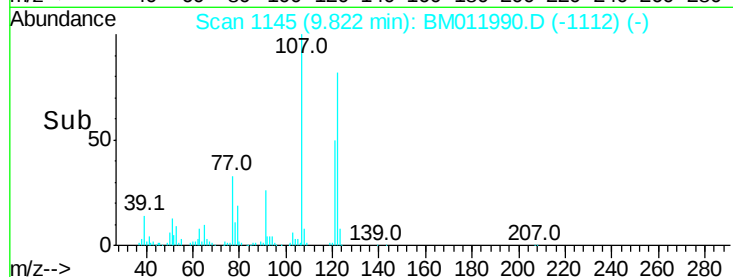
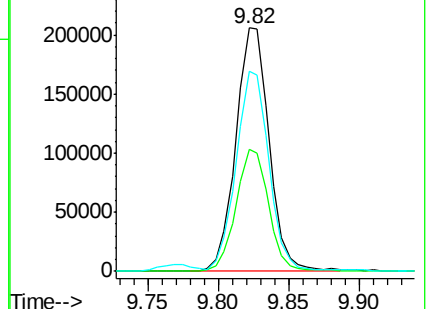
122 82.0 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 21.338 ng/ul

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

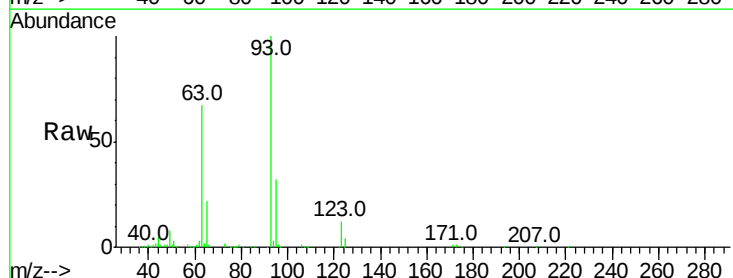
Tgt Ion: 93 Resp: 361985

Ion Ratio Lower Upper

93 100

95 32.4 28.5 42.7

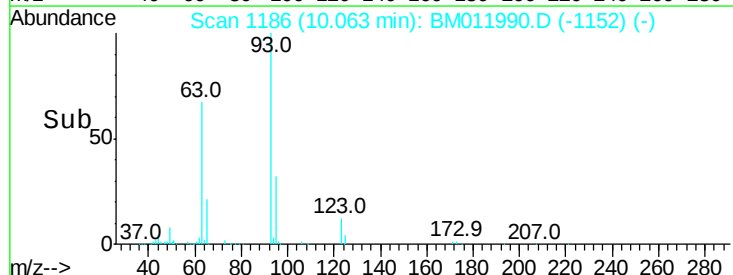
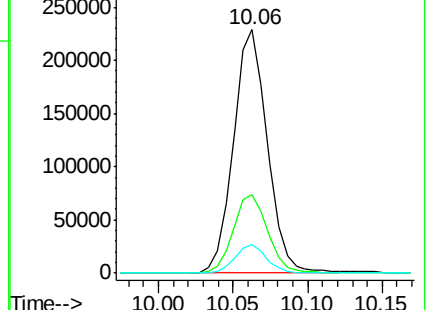
123 11.7 8.9 13.3

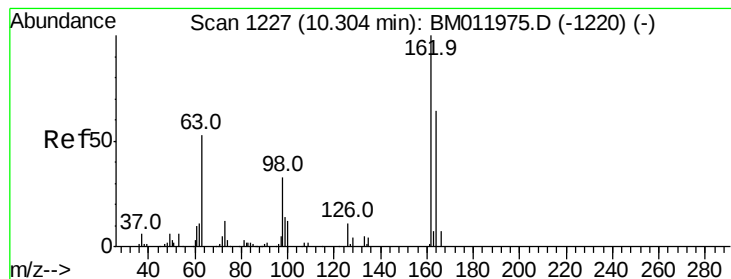


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 21.930 ng/ul

RT: 10.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

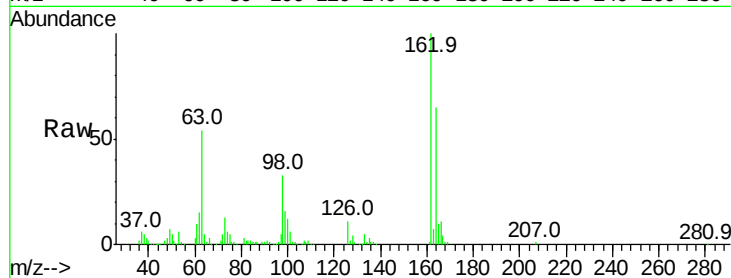
Tot Ion:162 Resp: 295381

Ion Ratio Lower Upper

162 100

164 64.5 47.8 71.6

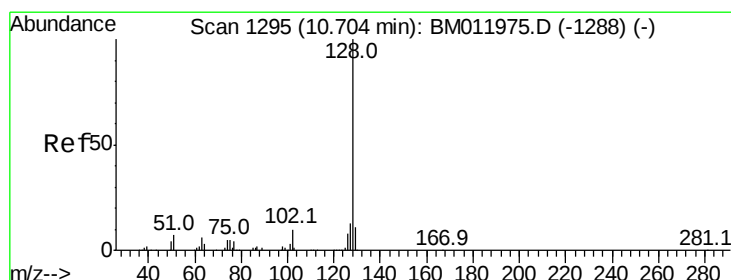
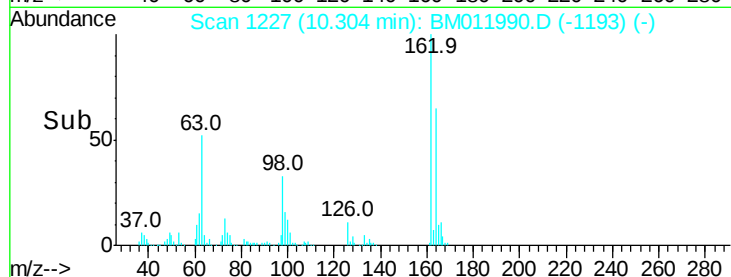
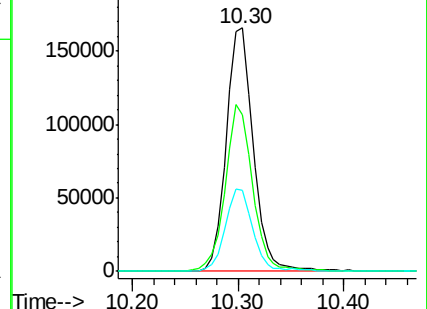
98 33.4 23.0 34.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 21.050 ng/ul

RT: 10.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

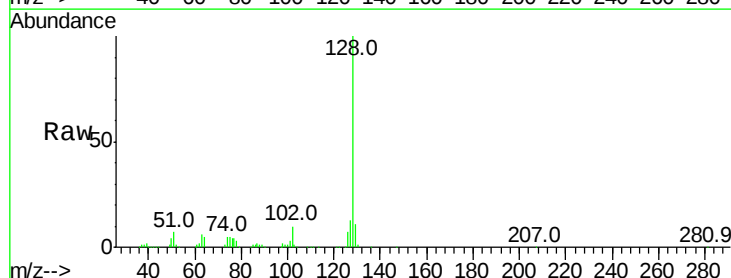
Tgt Ion:128 Resp: 909308

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

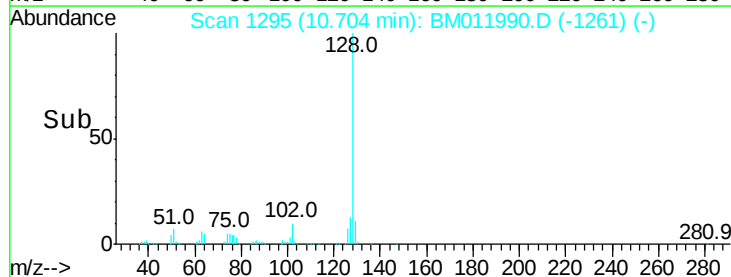
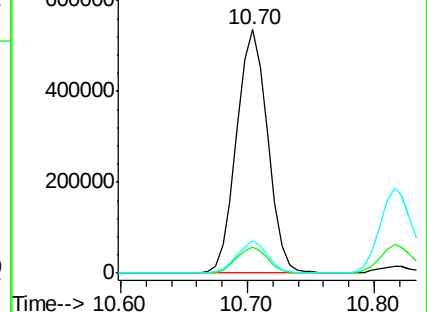
127 13.2 10.6 16.0

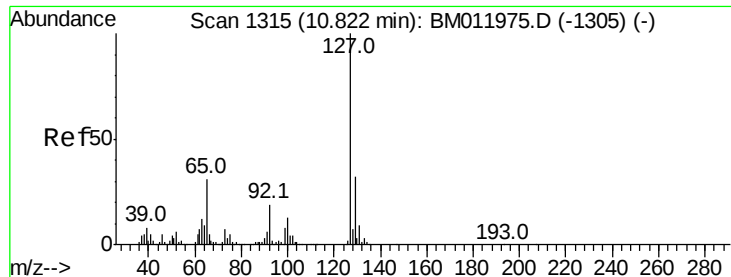


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

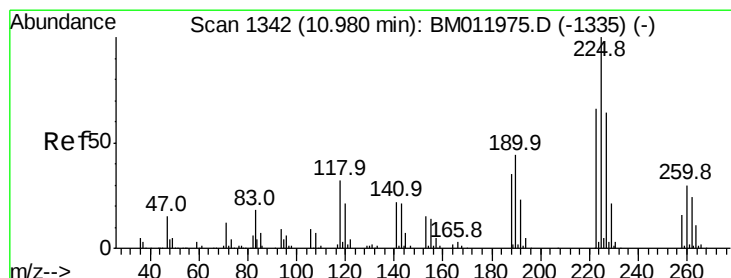
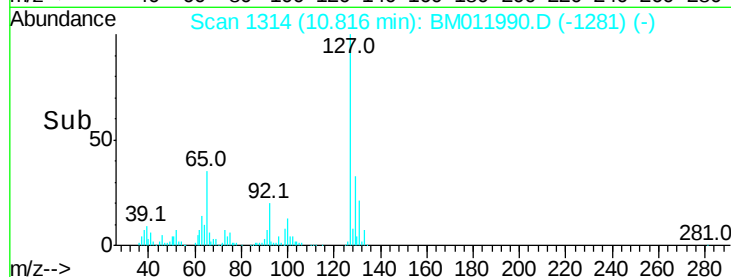
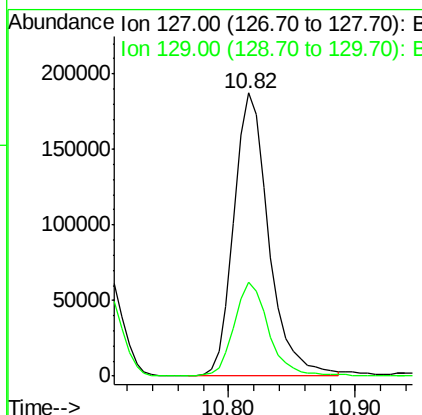
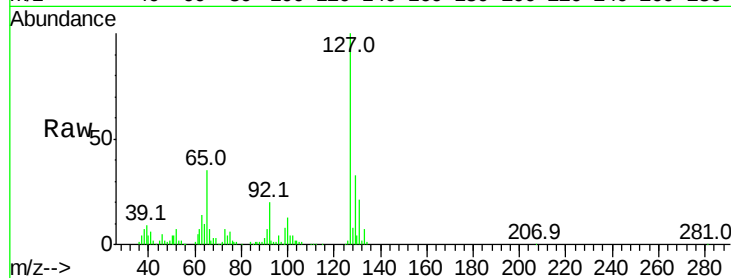




#30
4-Chloroaniline
Concen: 23.916 ng/ul
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

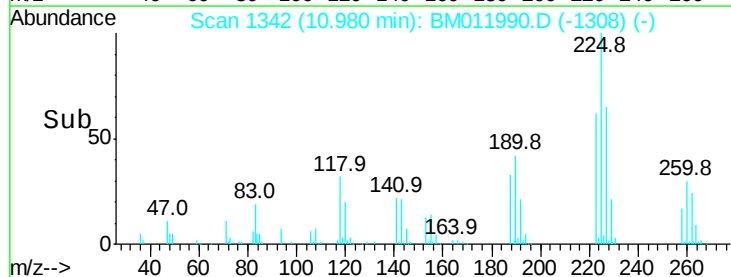
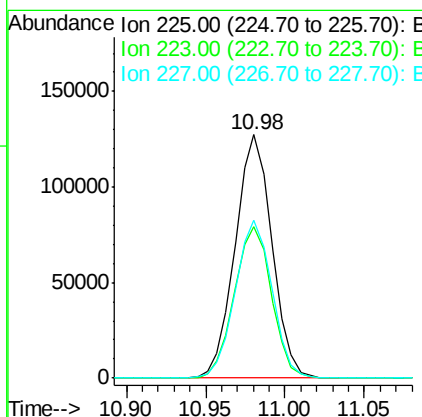
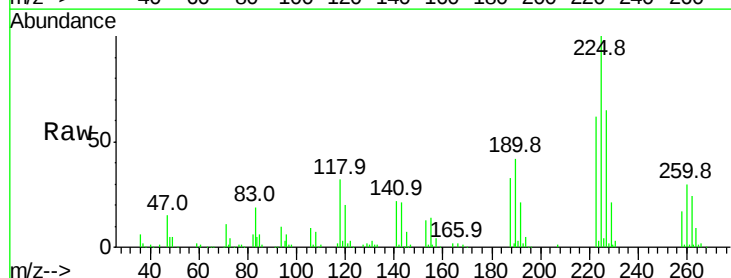
Instrument :
BNA_M
ClientSampleId :

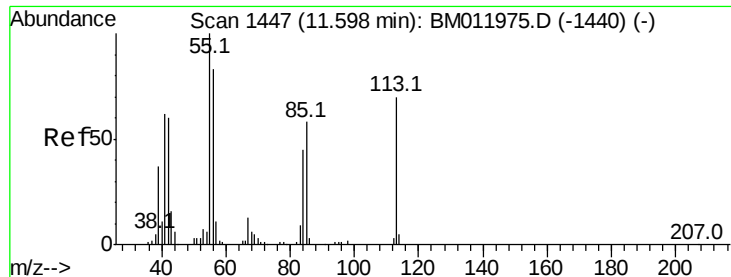
Tot Ion:127 Resp: 357435
Ion Ratio Lower Upper
127 100
129 33.2 28.4 42.6



#31
Hexachlorobutadiene
Concen: 20.771 ng/ul
RT: 10.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

Tgt Ion:225 Resp: 205263
Ion Ratio Lower Upper
225 100
223 62.4 49.4 74.2
227 64.8 45.4 68.2





#32

Caprolactam

Concen: 21.369 ng/ul

RT: 11.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampled :

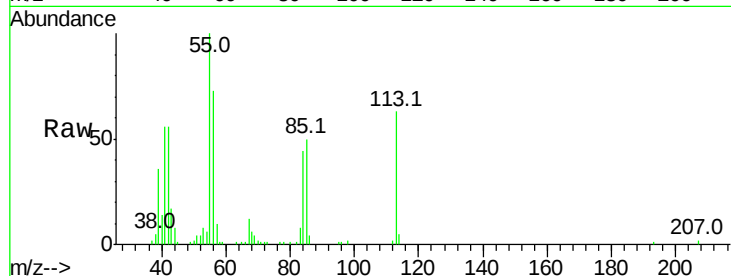
Tot Ion:113 Resp: 94368

Ion Ratio Lower Upper

113 100

55 158.9 208.0 312.0#

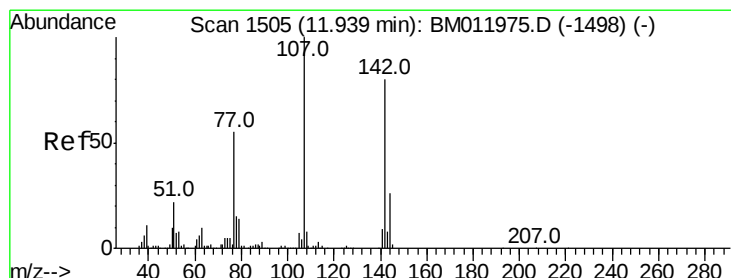
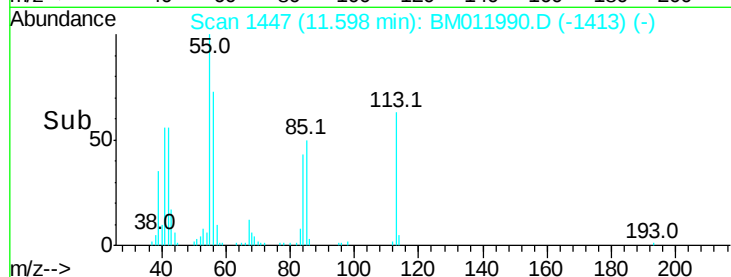
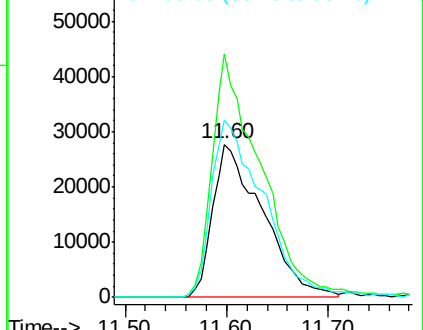
56 115.5 160.0 240.0#



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



#33

4-Chloro-3-methylphenol

Concen: 21.806 ng/ul

RT: 11.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

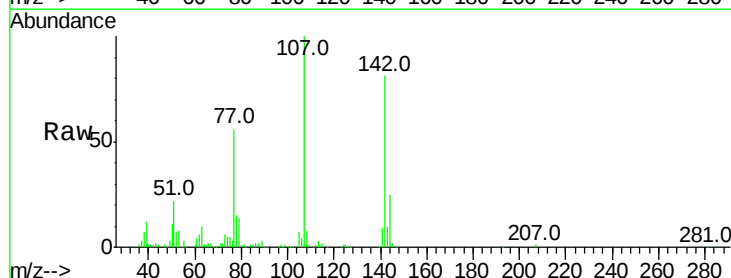
Tgt Ion:107 Resp: 319257

Ion Ratio Lower Upper

107 100

144 25.2 20.4 30.6

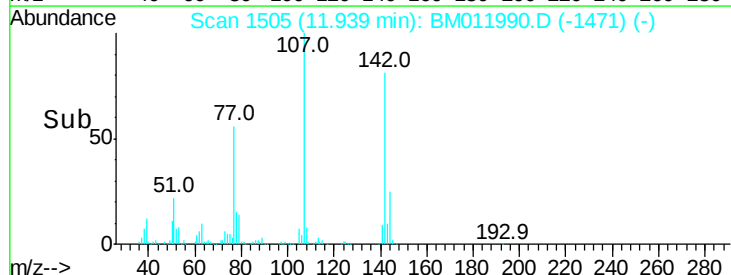
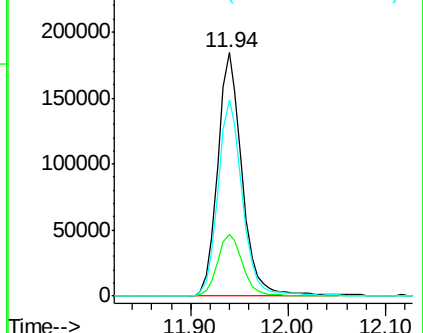
142 80.5 60.5 90.7

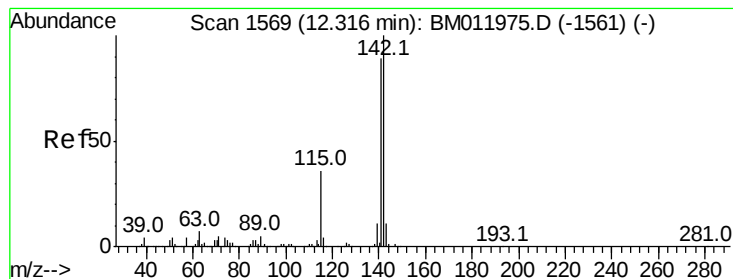


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 21.022 ng/ul

RT: 12.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

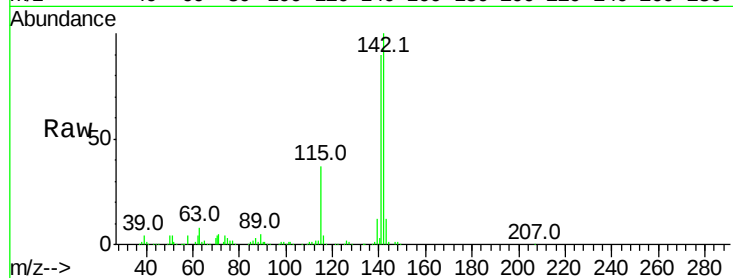
ClientSampled :

Tot Ion:142 Resp: 692434

Ion Ratio Lower Upper

142 100

141 90.2 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.32

400000

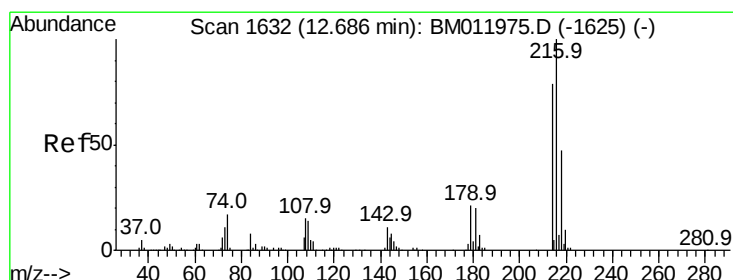
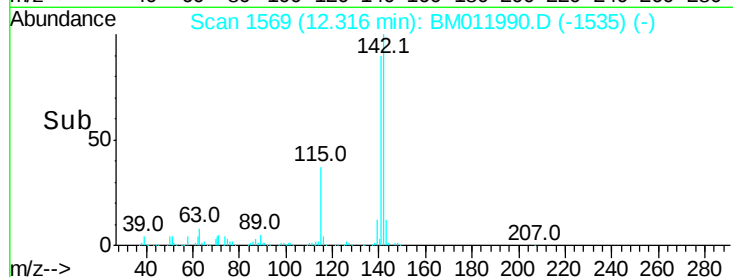
300000

200000

100000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.852 ng/ul

RT: 12.69 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Tgt Ion:216 Resp: 389789

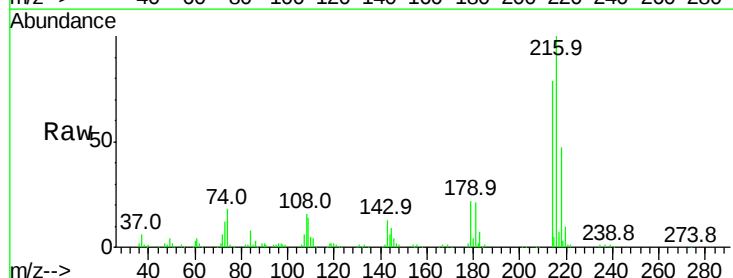
Ion Ratio Lower Upper

216 100

214 79.4 60.6 90.8

179 22.3 17.5 26.3

108 15.8 11.3 16.9



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

12.69

400000

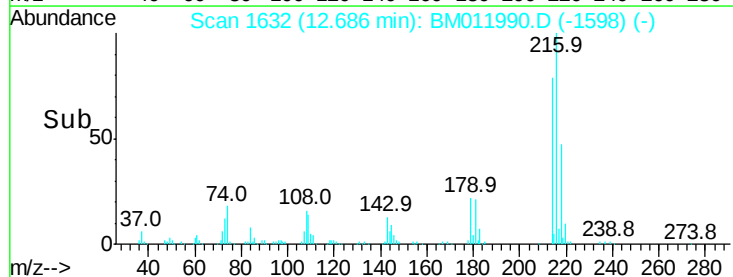
300000

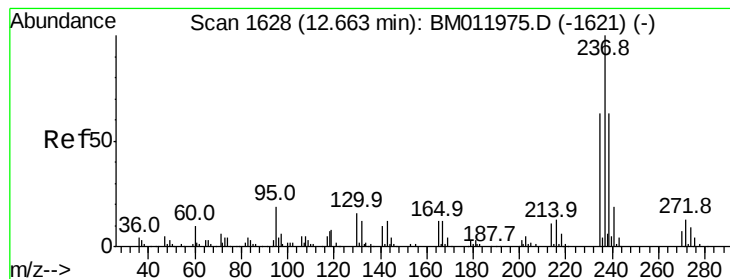
200000

100000

0

Time-->





#37

Hexachlorocyclopentadiene

Concen: 15.469 ng/ul

RT: 12.66 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

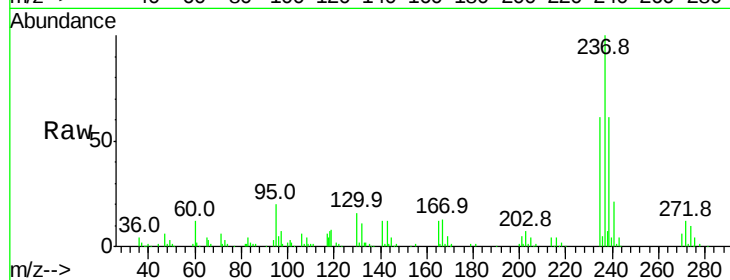
Tot Ion:237 Resp: 168300

Ion Ratio Lower Upper

237 100

235 60.9 50.2 75.4

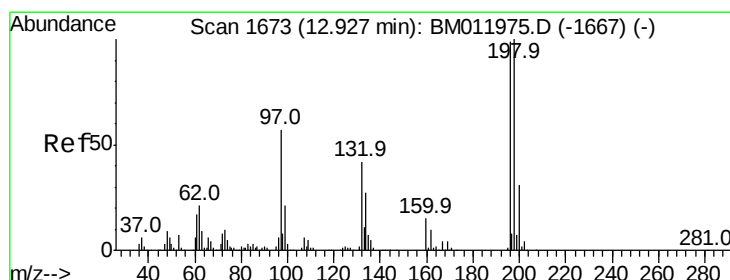
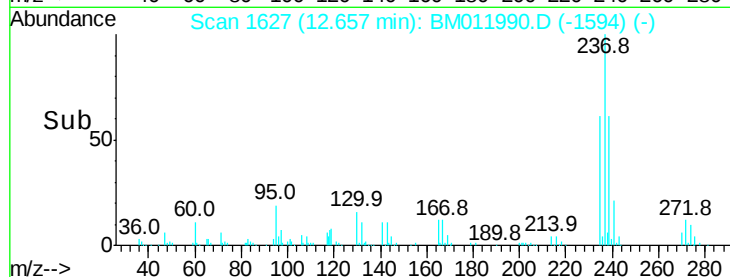
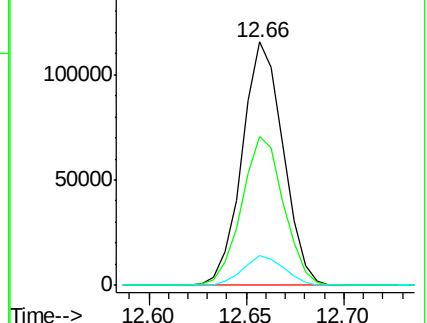
272 12.8 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.681 ng/ul

RT: 12.93 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

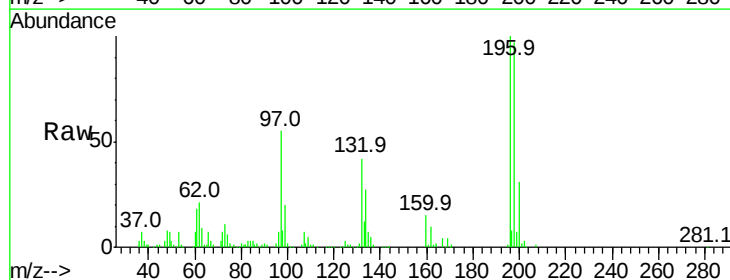
Tgt Ion:196 Resp: 257411

Ion Ratio Lower Upper

196 100

198 96.6 74.1 111.1

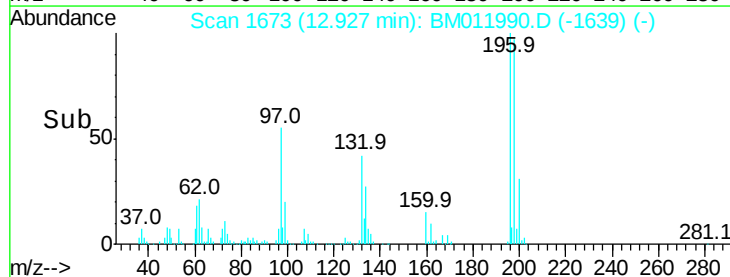
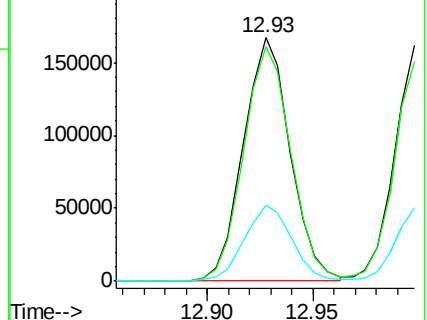
200 31.0 25.2 37.8

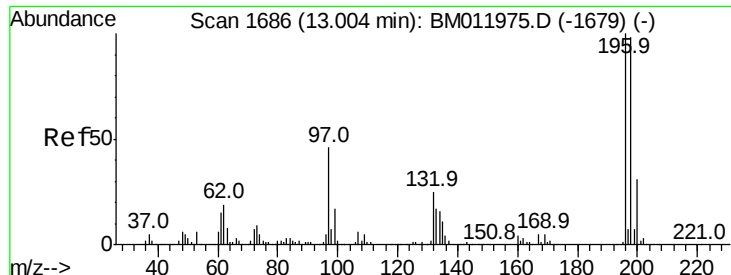


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

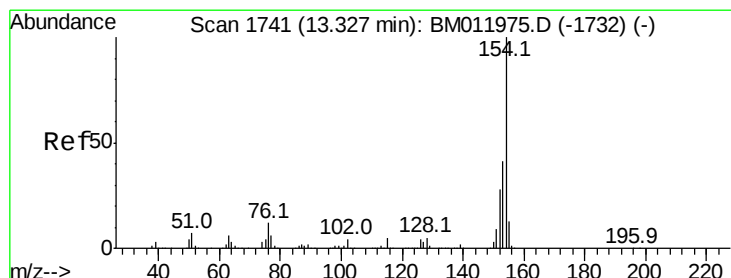
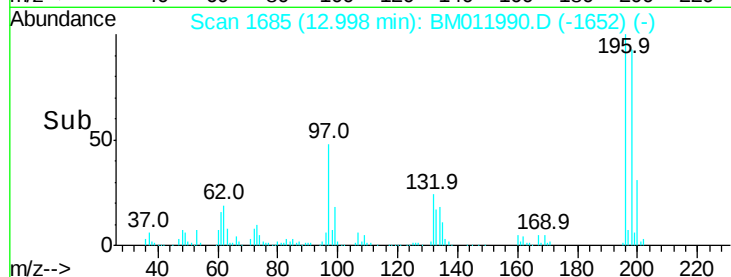
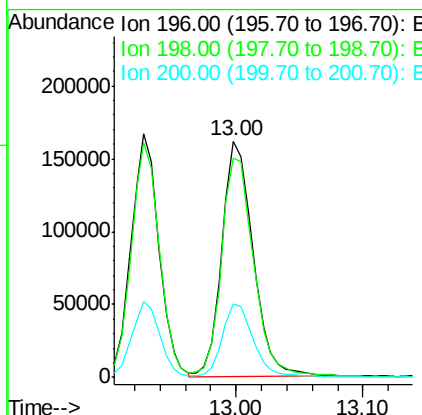
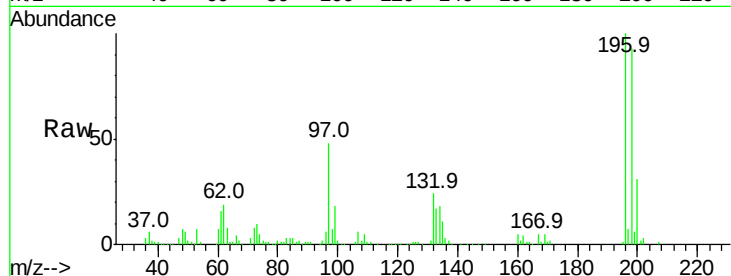




#39
 2,4,5-Trichlorophenol
 Concen: 22.081 ng/ul
 RT: 13.00 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BM011990.D
 Acq: 08 Oct 2017 23:12

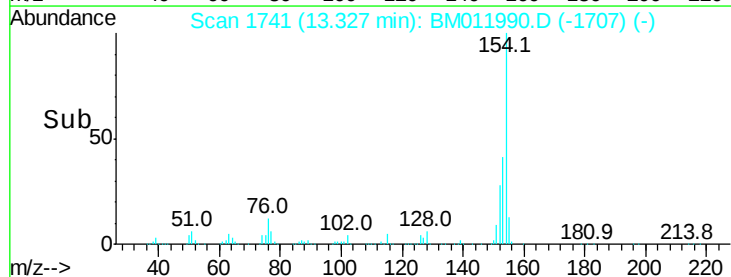
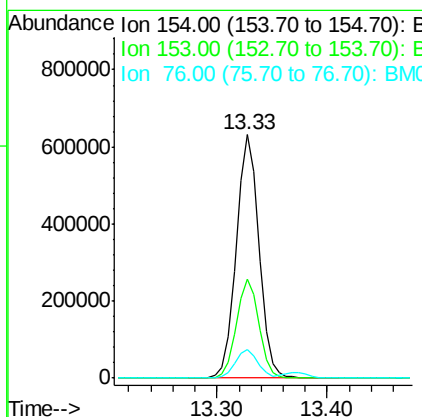
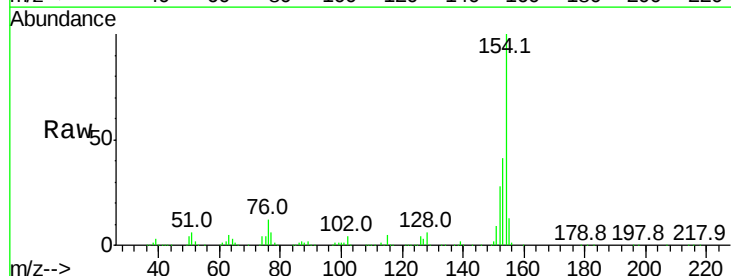
Instrument :
 BNA_M
 ClientSampled :

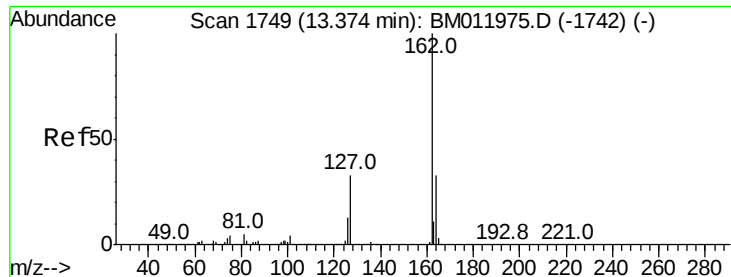
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.6	113.4
200	31.1	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 20.778 ng/ul
 RT: 13.33 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BM011990.D
 Acq: 08 Oct 2017 23:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.6	48.8
76	11.7	8.5	12.7

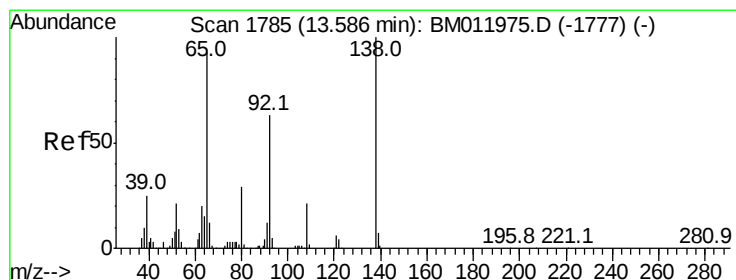
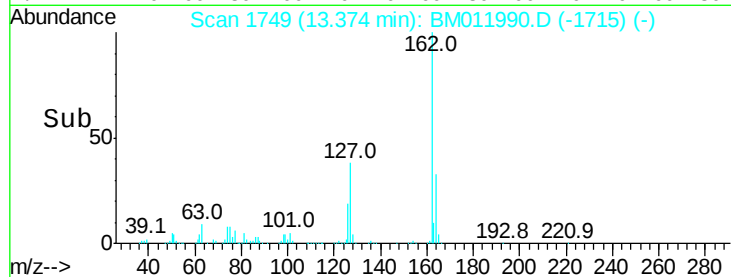
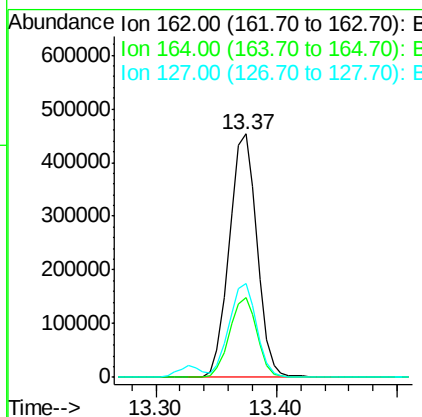
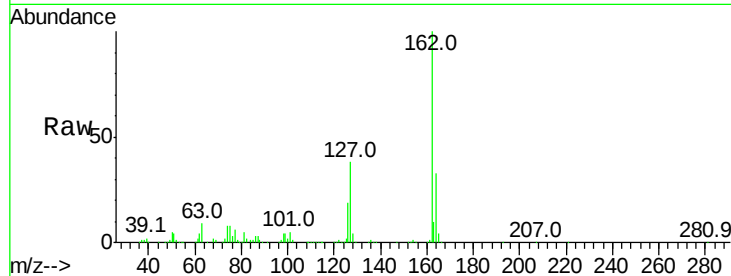




#41
2-Chloronaphthalene
Concen: 21.023 ng/ul
RT: 13.37 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

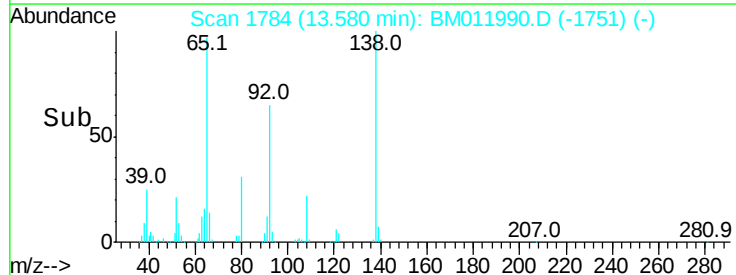
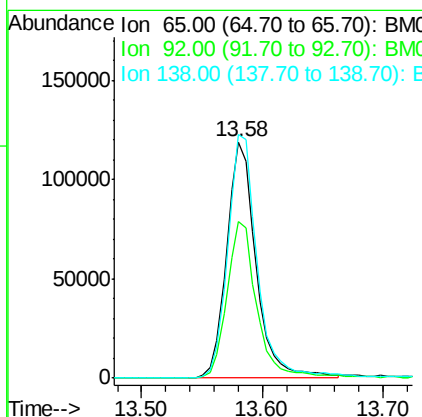
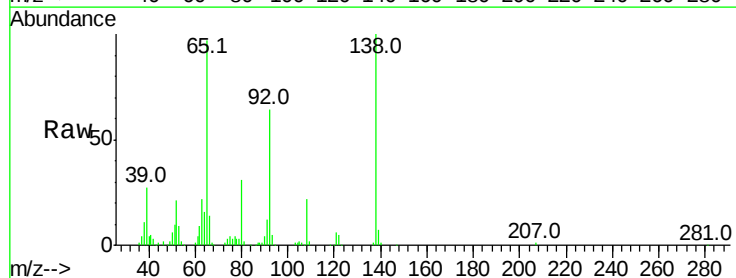
Instrument :
BNA_M
ClientSampled :

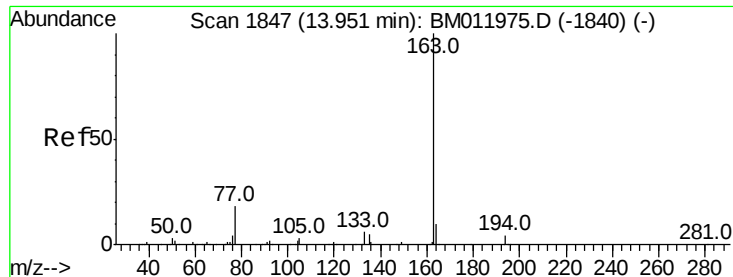
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.8	25.9	38.9
127	38.5	29.4	44.2



#42
2-Nitroaniline
Concen: 23.122 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	51.8	77.6
138	103.1	74.2	111.4

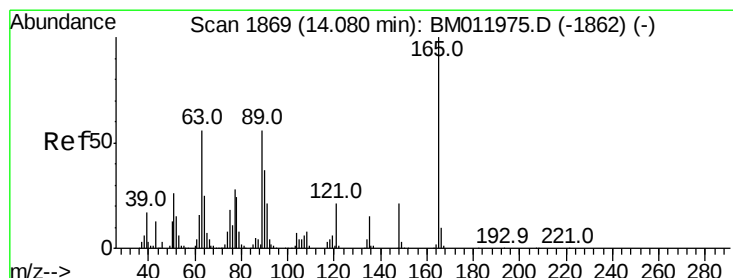
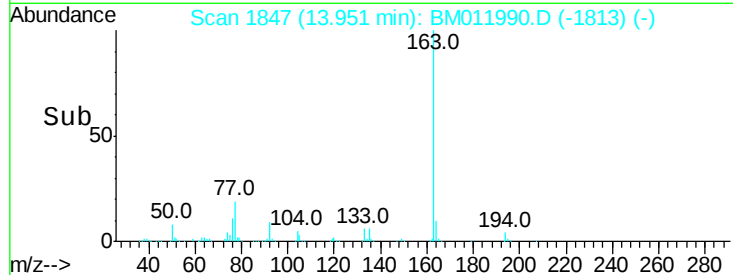
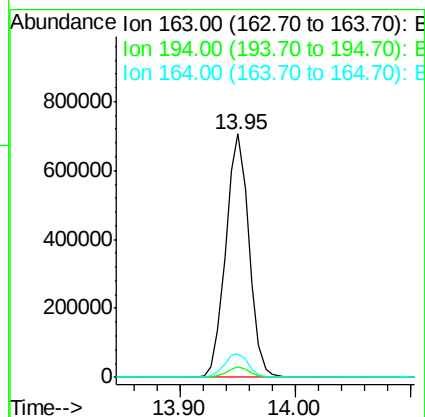
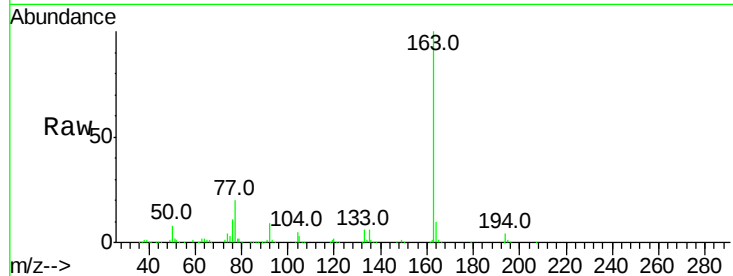




#44
Dimethylphthalate
Concen: 21.315 ng/ul
RT: 13.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

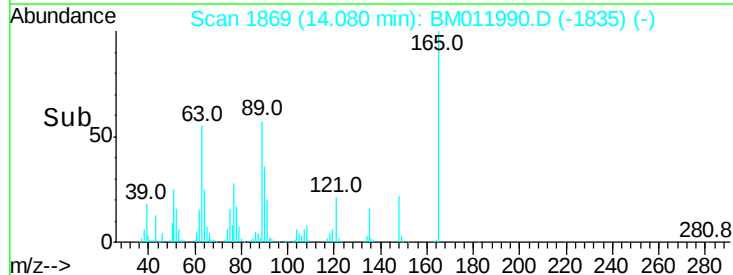
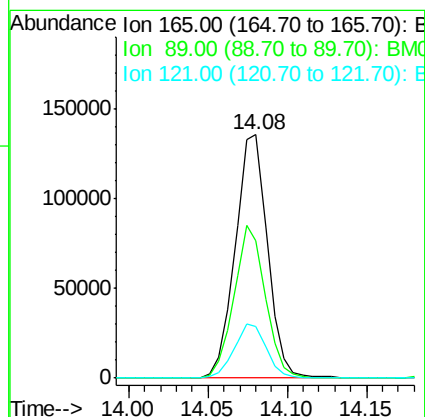
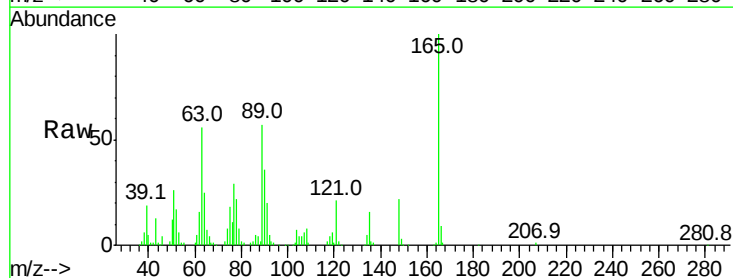
Instrument :
BNA_M
ClientSampleId :

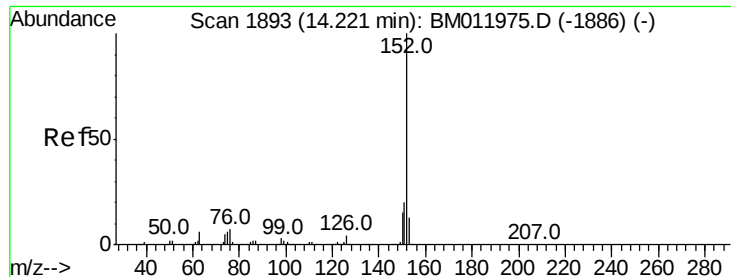
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.2	12.4



#45
2,6-Dinitrotoluene
Concen: 22.110 ng/ul
RT: 14.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

Tgt Ion	Ratio	Lower	Upper
165	100		
89	56.6	52.6	79.0
121	21.1	14.6	22.0





#47

Acenaphthylene

Concen: 21.454 ng/ul

RT: 14.22 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

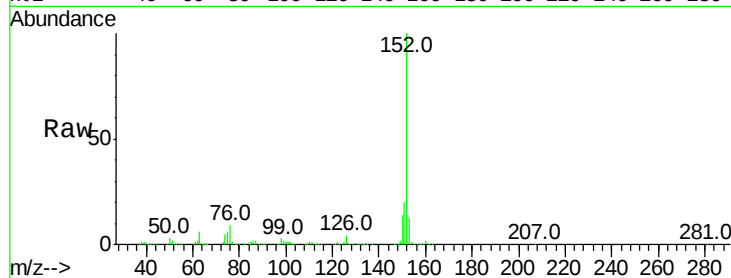
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1167441

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.0	10.2	15.4

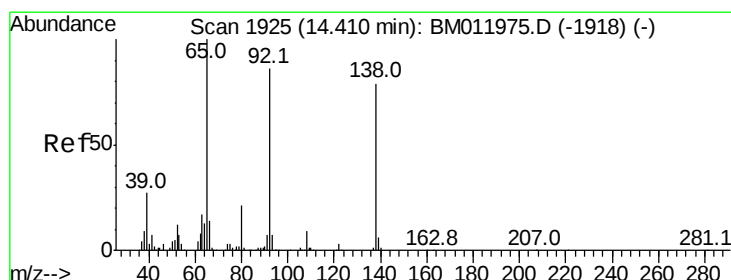
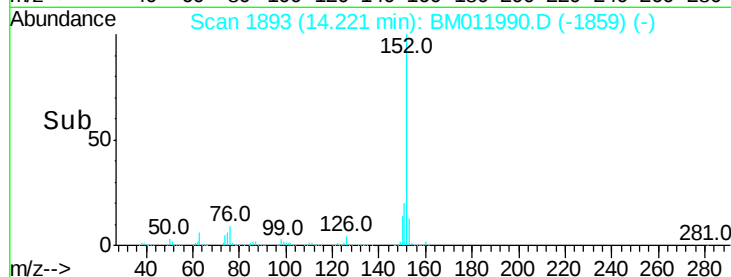
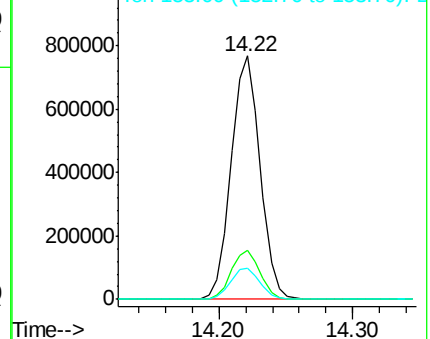


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 20.942 ng/ul

RT: 14.41 min Scan# 1925

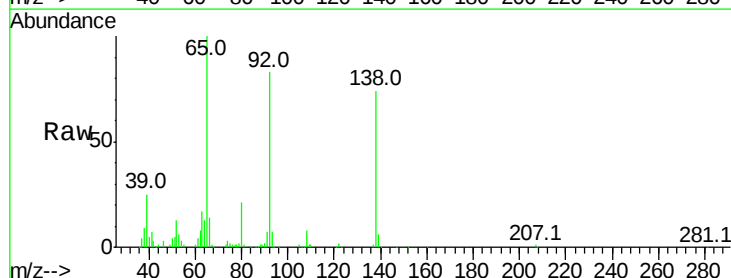
Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Tgt Ion:138 Resp: 168515

Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.9	14.9
92	112.6	105.0	157.4

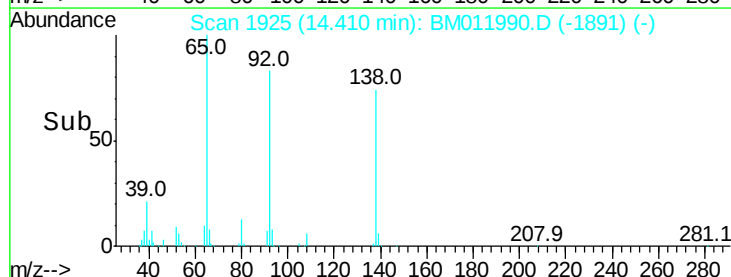
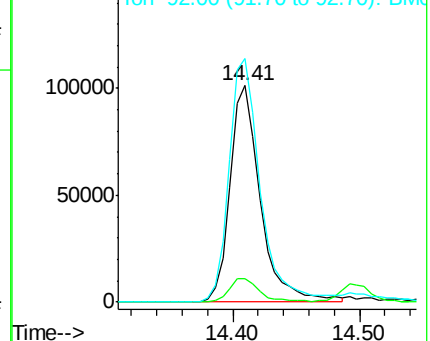


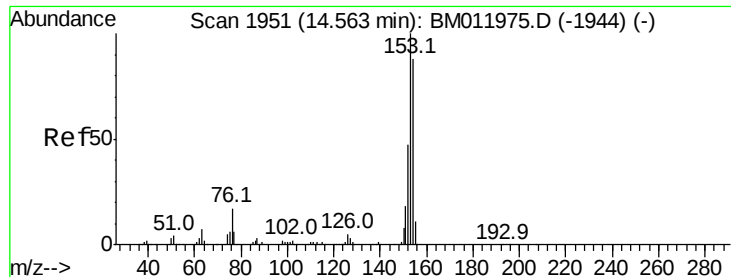
Abundance

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): E





#49

Acenaphthene

Concen: 20.757 ng/ul

RT: 14.56 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

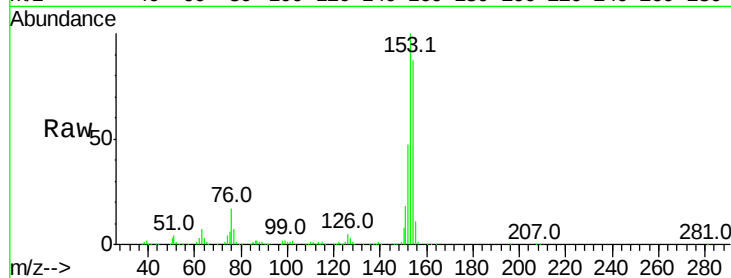
Tot Ion:153 Resp: 781595

Ion Ratio Lower Upper

153 100

152 47.4 37.6 56.4

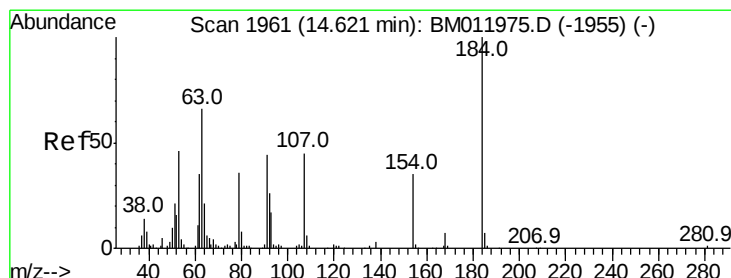
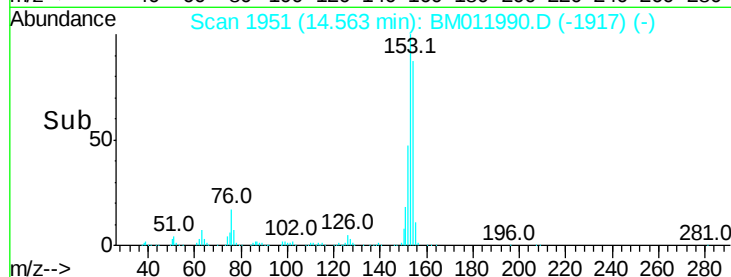
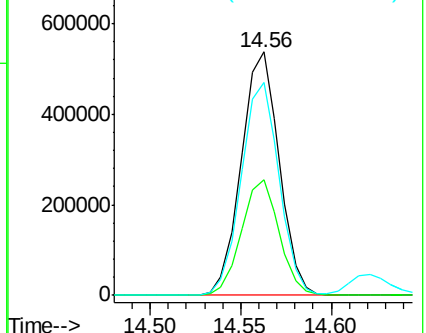
154 87.4 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 19.597 ng/ul

RT: 14.62 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

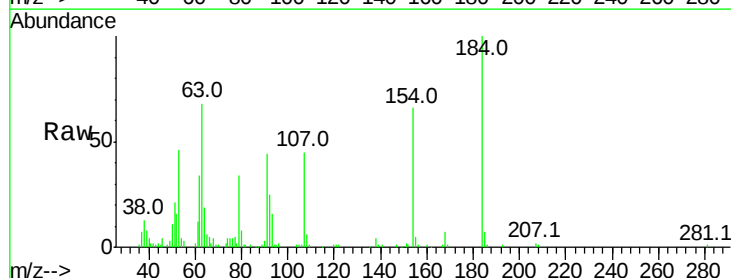
Tgt Ion:184 Resp: 112191

Ion Ratio Lower Upper

184 100

63 67.6 50.1 75.1

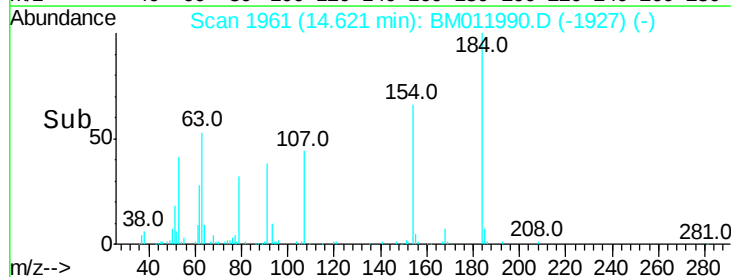
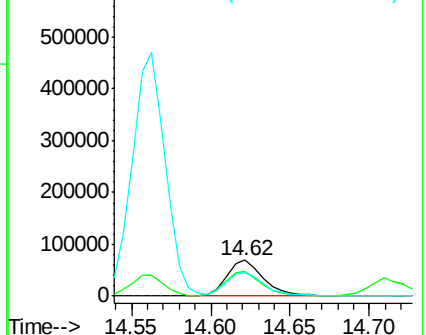
154 65.8 54.5 81.7

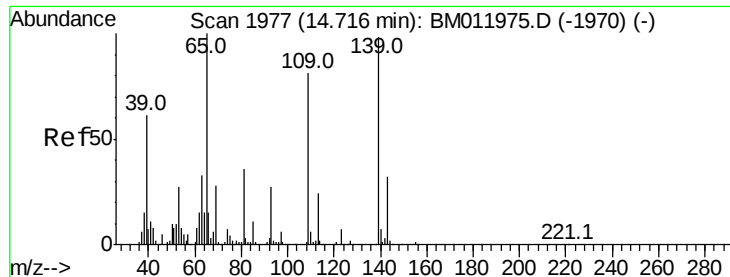


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.832 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

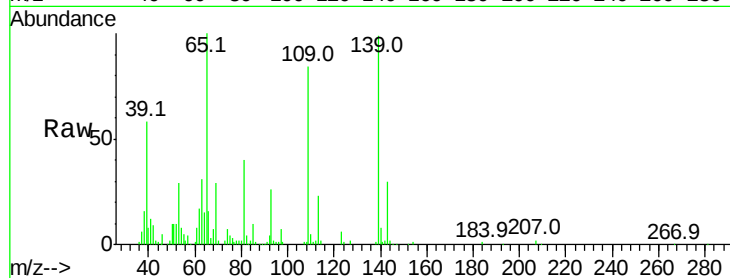
Tot Ion:109 Resp: 132243

Ion Ratio Lower Upper

109 100

139 117.4 80.0 120.0

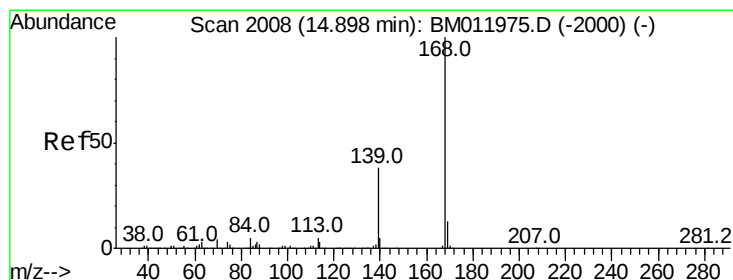
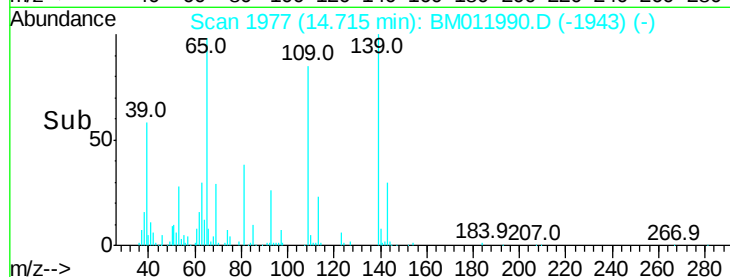
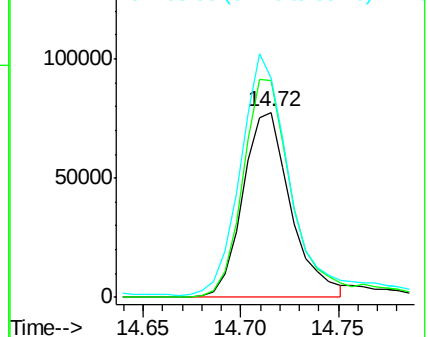
65 118.7 120.0 180.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 20.874 ng/ul

RT: 14.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BM011990.D

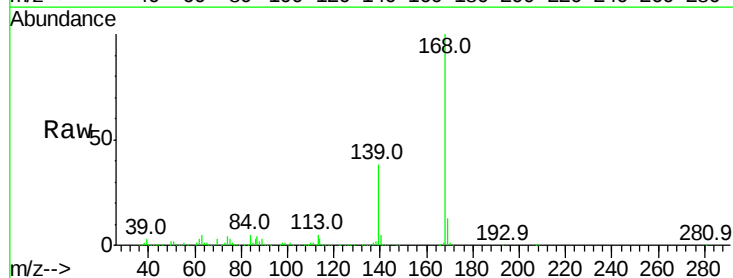
Acq: 08 Oct 2017 23:12

Tgt Ion:168 Resp: 1140742

Ion Ratio Lower Upper

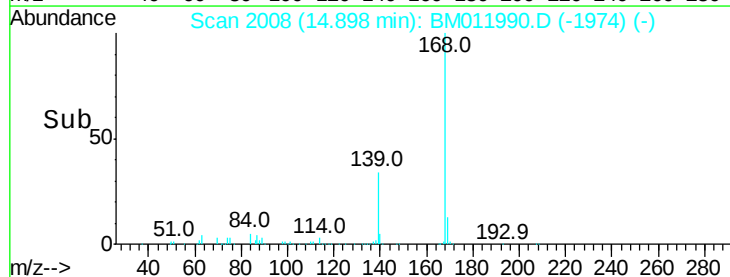
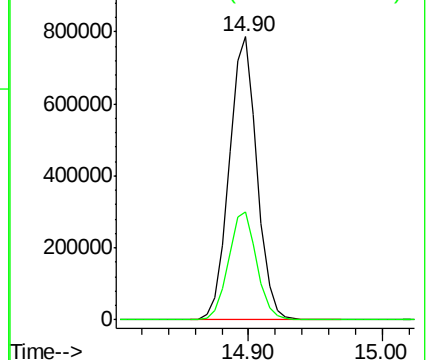
168 100

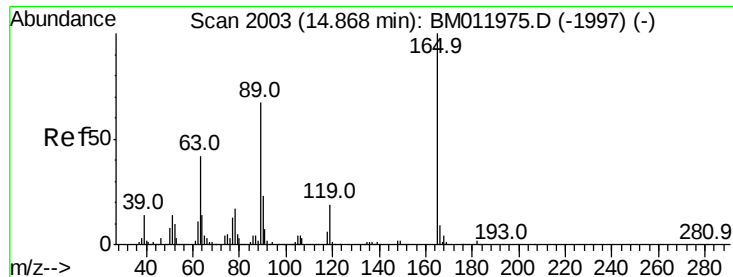
139 38.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

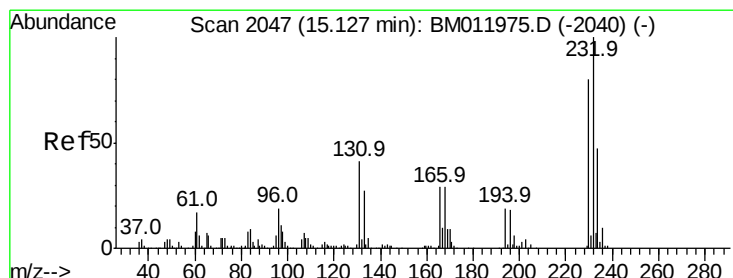
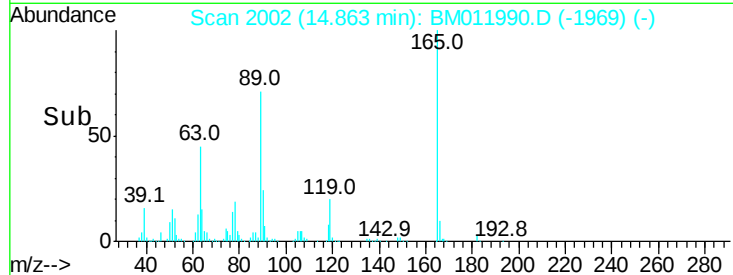
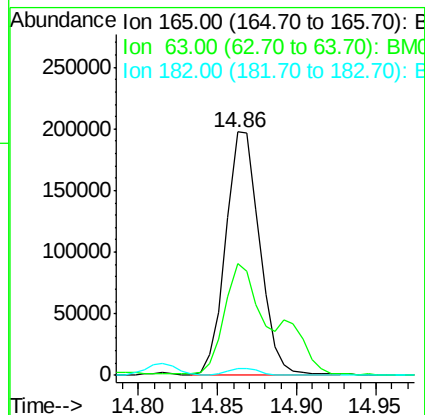
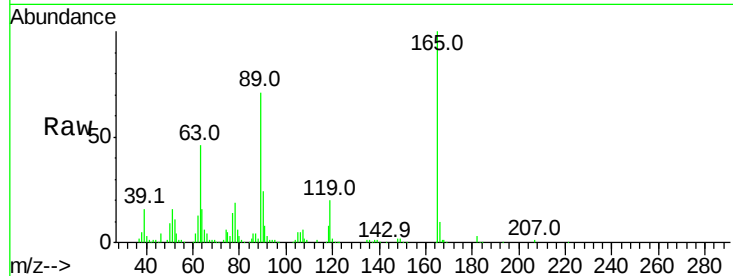




#54
 2,4-Dinitrotoluene
 Concen: 22.858 ng/ul
 RT: 14.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BM011990.D
 Acq: 08 Oct 2017 23:12

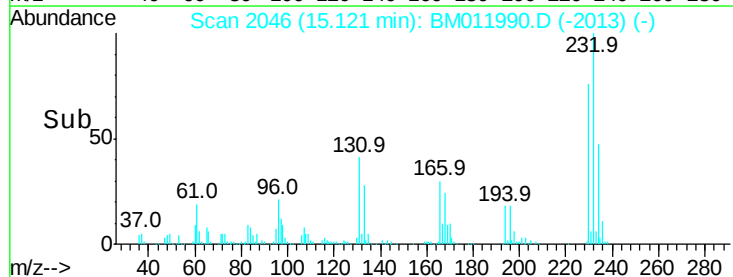
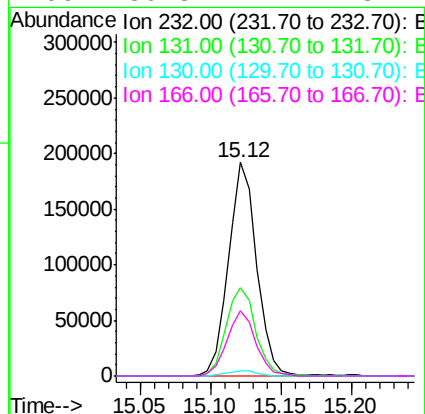
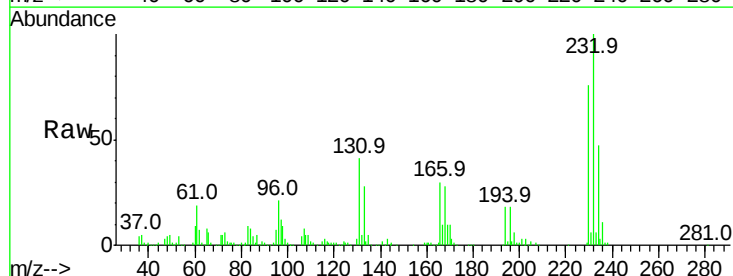
Instrument :
 BNA_M
 ClientSampled :

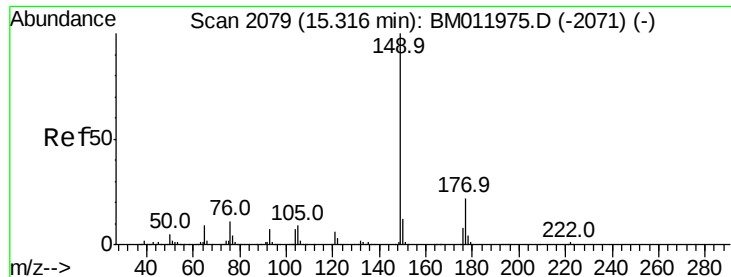
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	45.8	68.8
182	2.8	2.6	4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.910 ng/ul
 RT: 15.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BM011990.D
 Acq: 08 Oct 2017 23:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.2	29.0	43.4
130	2.5	2.0	3.0
166	30.3	21.4	32.2





#56

Diethylphthalate

Concen: 21.385 ng/ul

RT: 15.31 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampled :

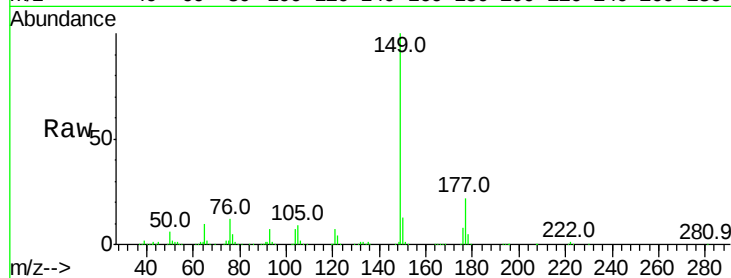
Tot Ion:149 Resp: 997260

Ion Ratio Lower Upper

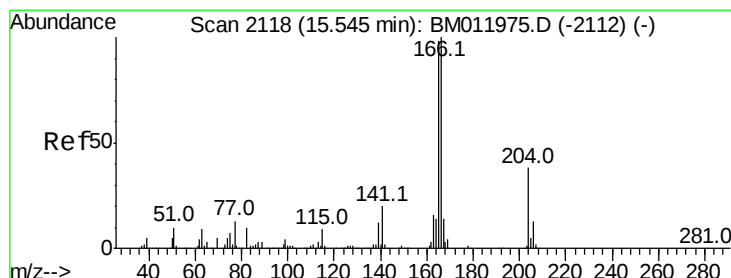
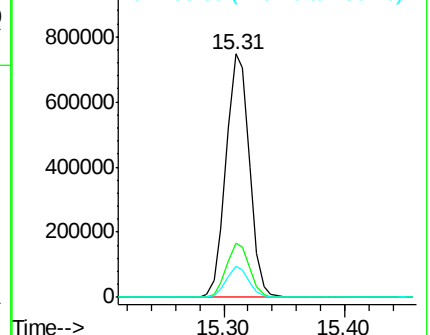
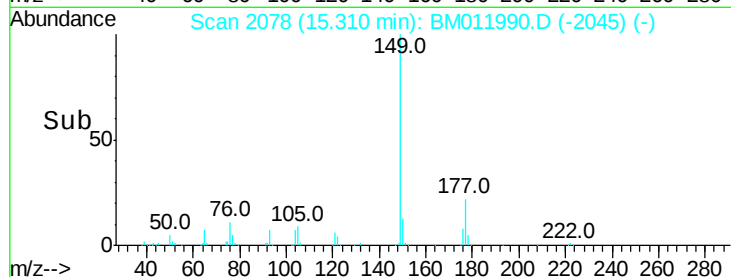
149 100

177 22.3 20.5 30.7

150 12.8 10.6 15.8



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



#58

Fluorene

Concen: 20.916 ng/ul

RT: 15.54 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

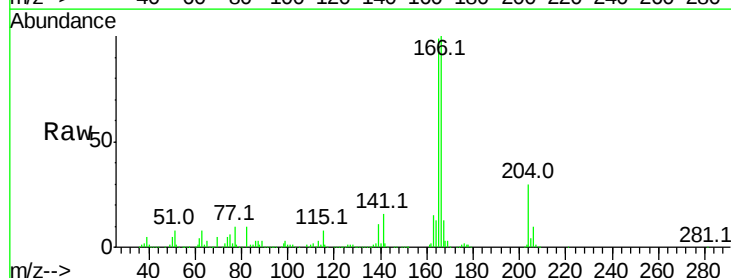
Tgt Ion:166 Resp: 954544

Ion Ratio Lower Upper

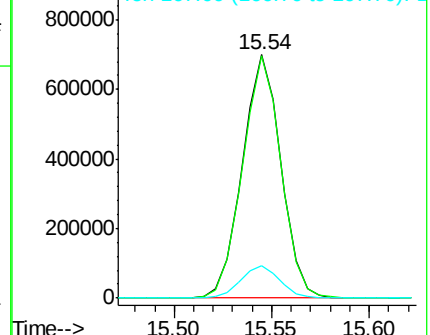
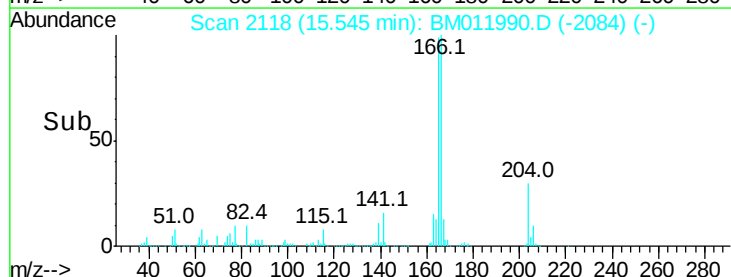
166 100

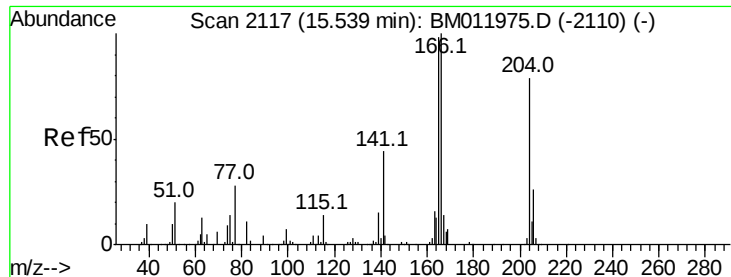
165 99.4 77.9 116.9

167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

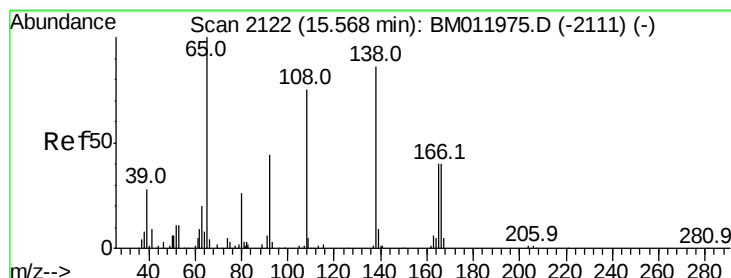
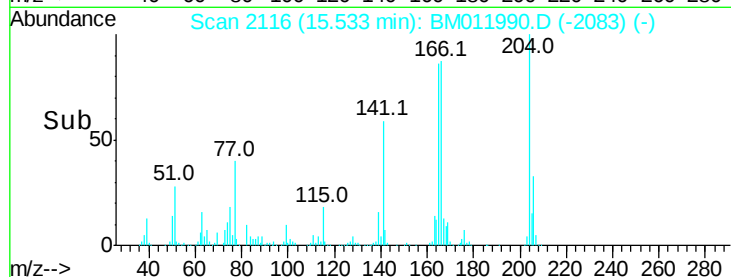
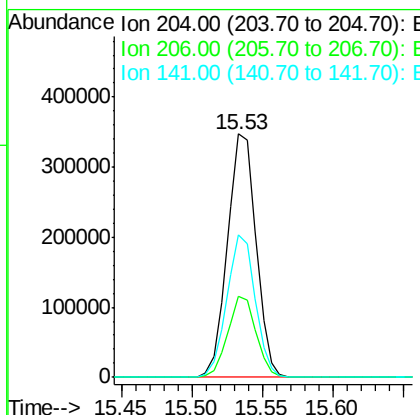
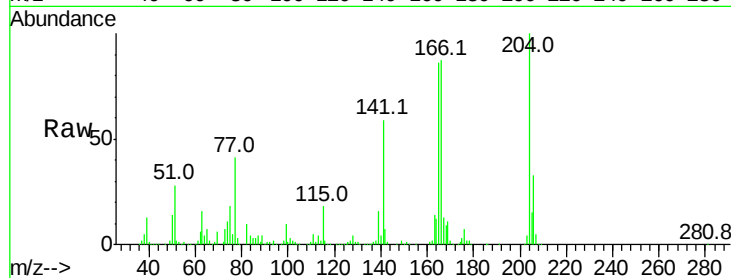




#59
 4-Chlorophenyl-phenylether
 Concen: 20.335 ng/ul
 RT: 15.53 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BM011990.D
 Acq: 08 Oct 2017 23:12

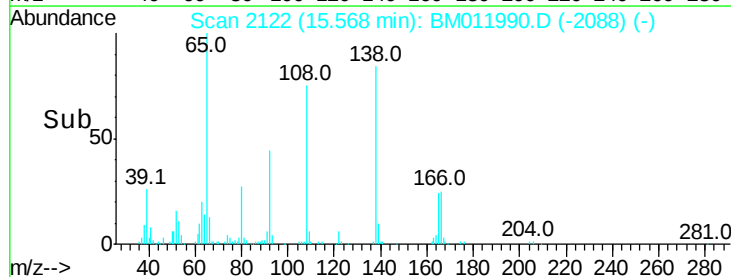
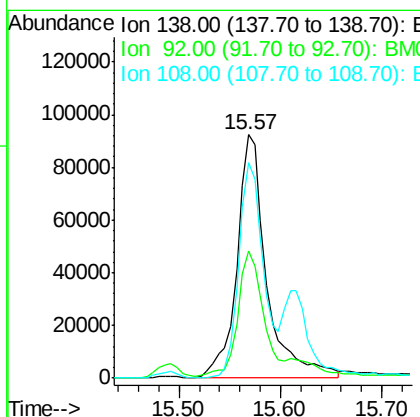
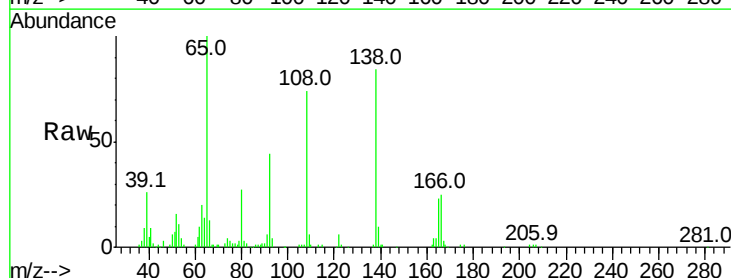
Instrument :
 BNA_M
 ClientSampled :

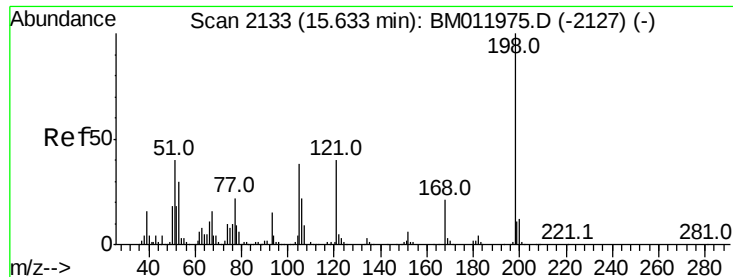
Tot Ion:204 Resp: 490814
 Ion Ratio Lower Upper
 204 100
 206 33.3 24.8 37.2
 141 58.6 44.3 66.5



#60
 4-Nitroaniline
 Concen: 20.152 ng/ul
 RT: 15.57 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BM011990.D
 Acq: 08 Oct 2017 23:12

Tgt Ion:138 Resp: 188897
 Ion Ratio Lower Upper
 138 100
 92 52.0 40.0 60.0
 108 88.7 80.0 120.0

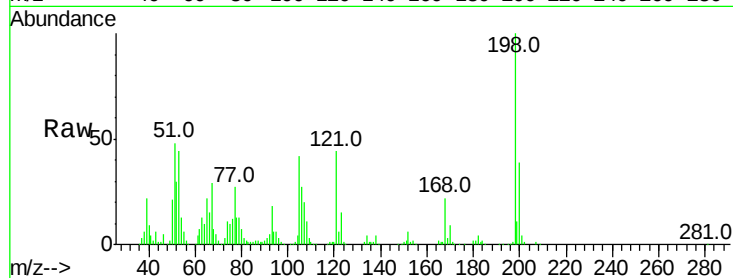




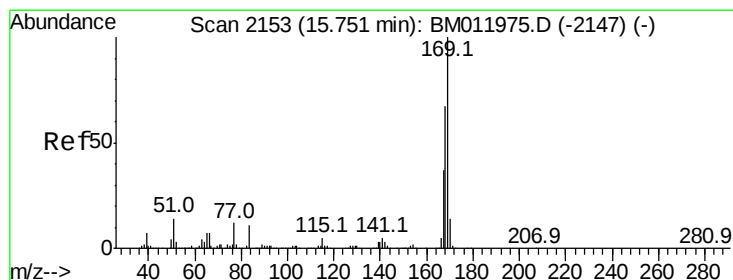
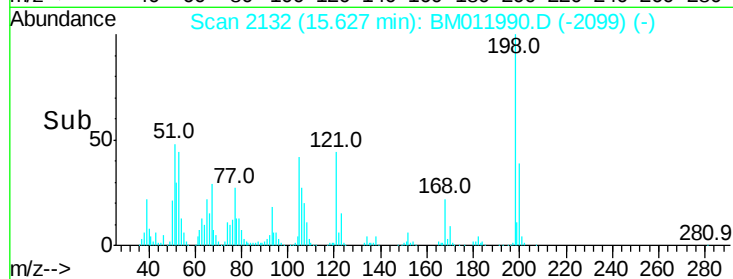
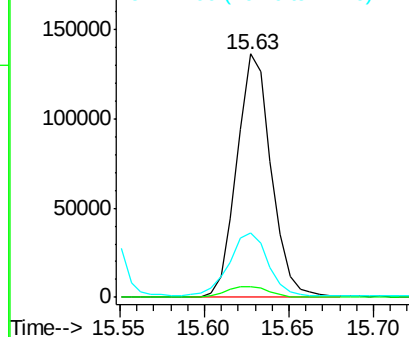
#63
4,6-Dinitro-2-methylphenol
Concen: 21.204 ng/ul
RT: 15.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:198 Resp: 194462
Ion Ratio Lower Upper
198 100
182 4.2 3.8 5.6
77 26.6 25.2 37.8

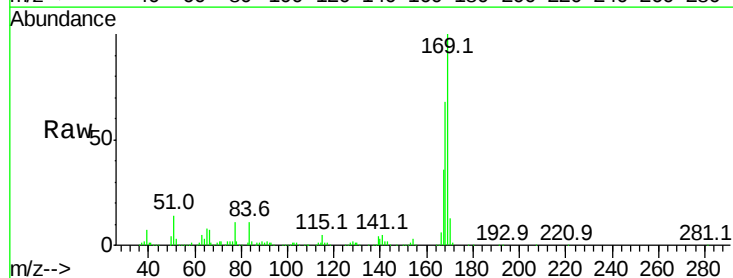


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BM

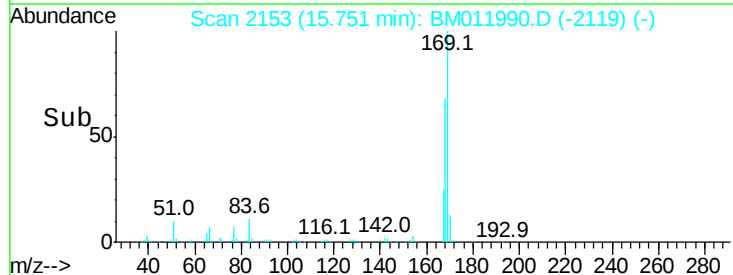
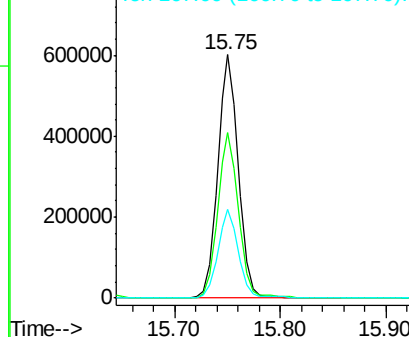


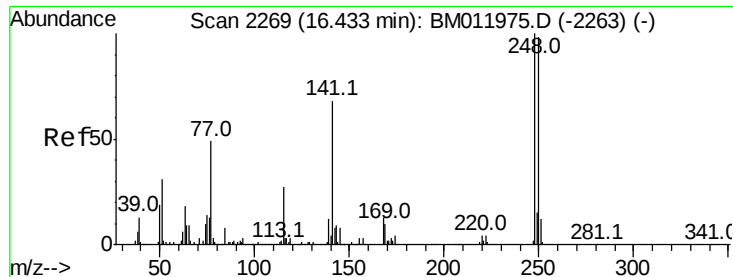
#64
N-Nitrosodiphenylamine
Concen: 21.321 ng/ul
RT: 15.75 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

Tgt Ion:169 Resp: 821642
Ion Ratio Lower Upper
169 100
168 68.2 54.0 81.0
167 36.3 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

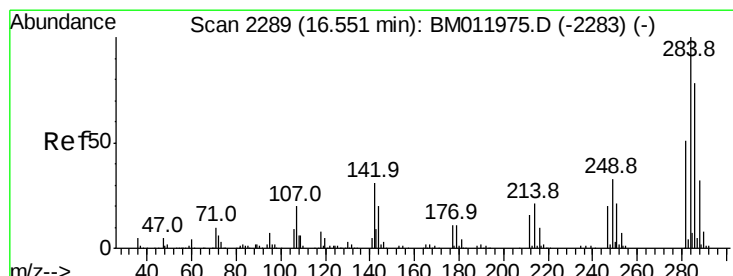
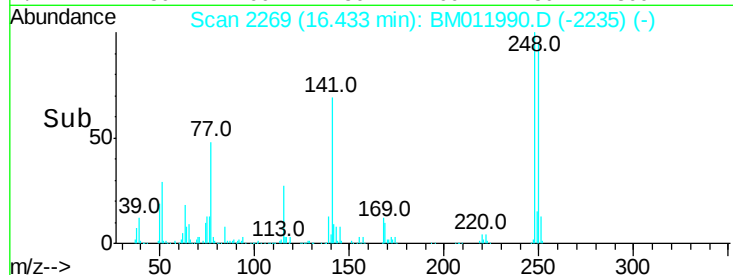
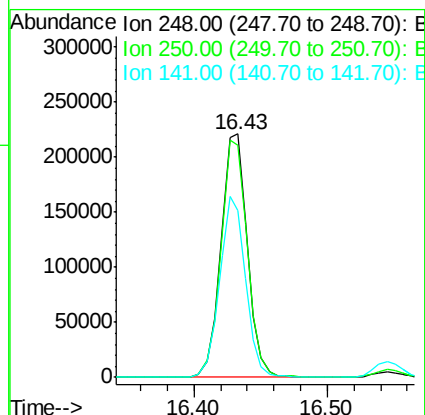
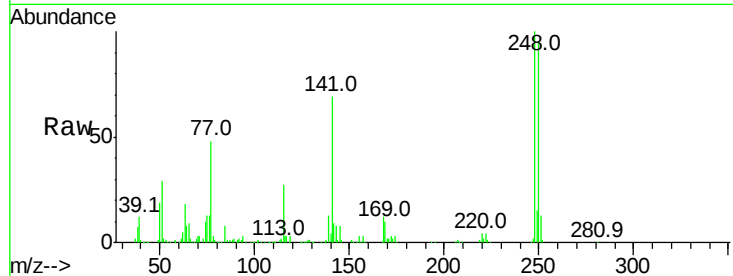




#65
4-Bromophenyl-phenylether
Concen: 20.669 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

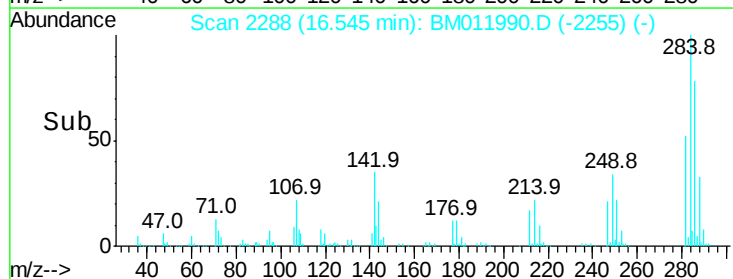
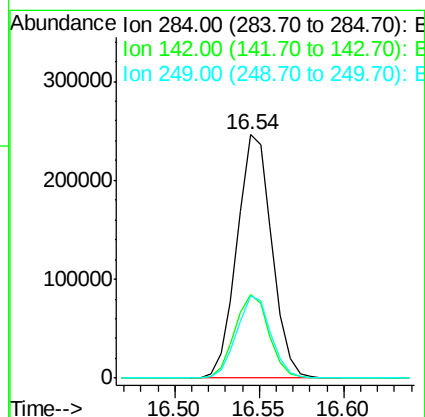
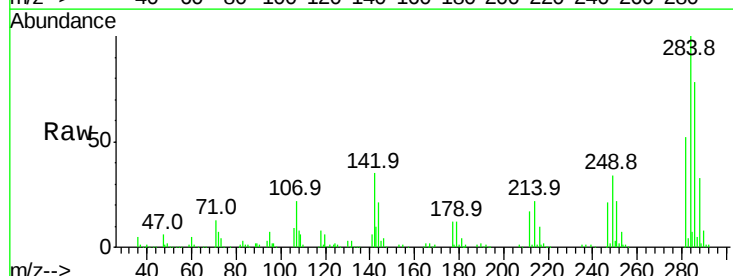
Instrument :
BNA_M
ClientSampleId :

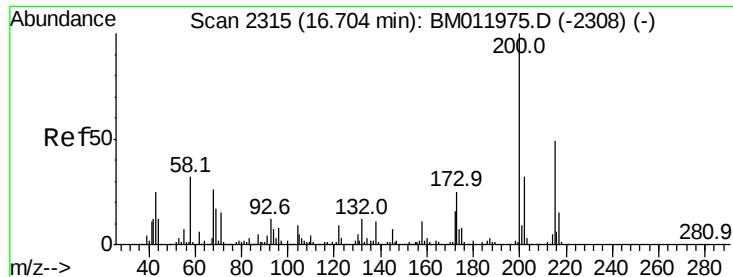
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	80.5	120.7
141	68.6	53.6	80.4



#66
Hexachlorobenzene
Concen: 21.138 ng/ul
RT: 16.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	21.2	31.8#
249	33.9	24.5	36.7

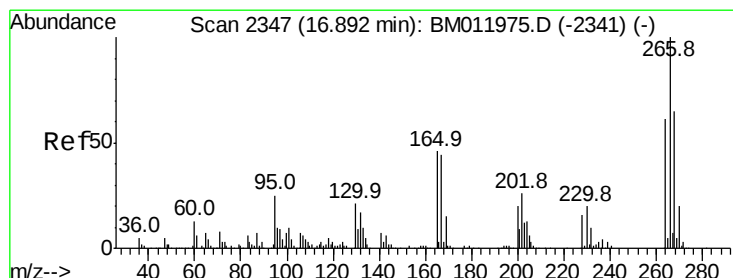
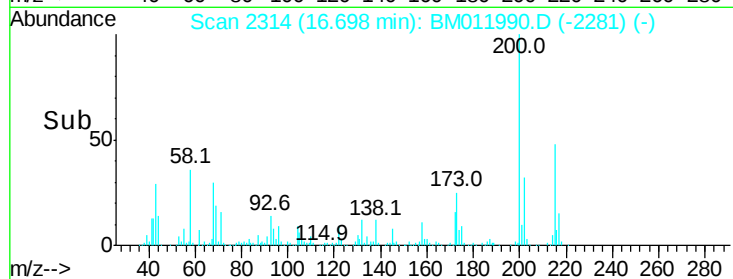
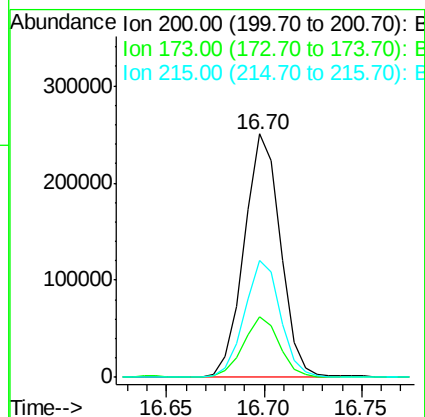
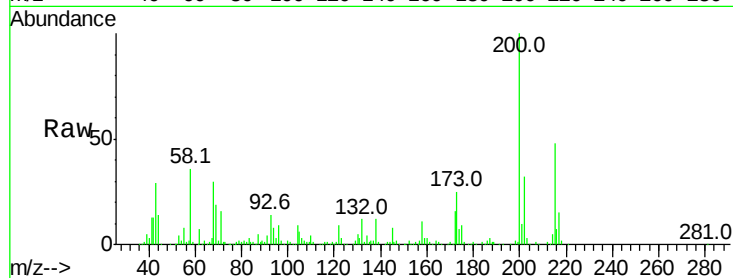




#67
Atrazine
Concen: 21.197 ng/ul
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

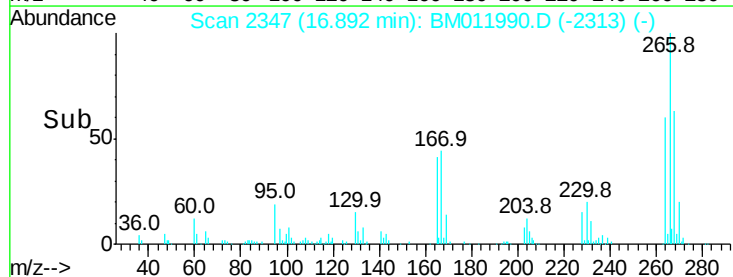
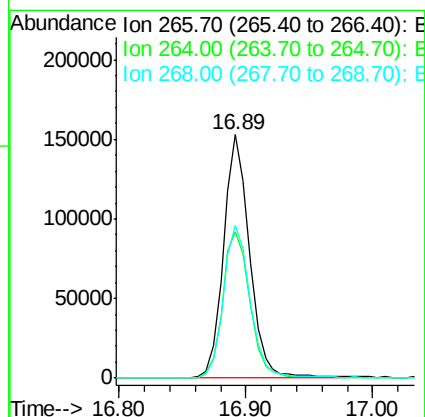
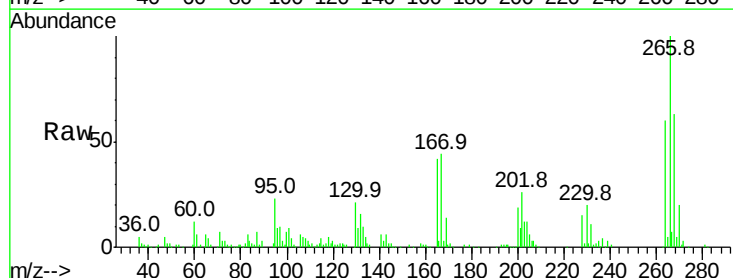
Instrument :
BNA_M
ClientSampleId :

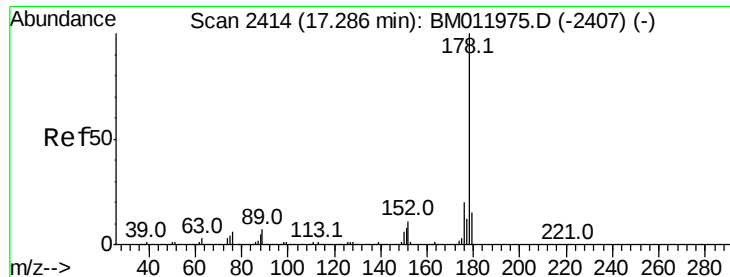
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	18.2	27.2
215	47.9	35.0	52.4



#68
Pentachlorophenol
Concen: 20.708 ng/ul
RT: 16.89 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BM011990.D
Acq: 08 Oct 2017 23:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.3	49.3	73.9
268	62.7	52.6	78.8





#69

Phenanthrene

Concen: 20.737 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

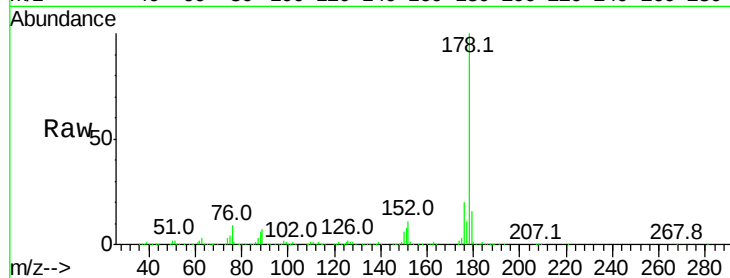
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 1521719

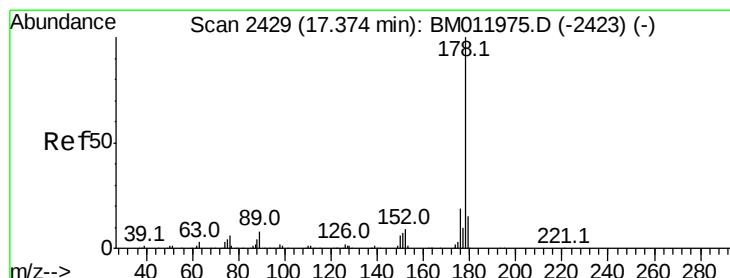
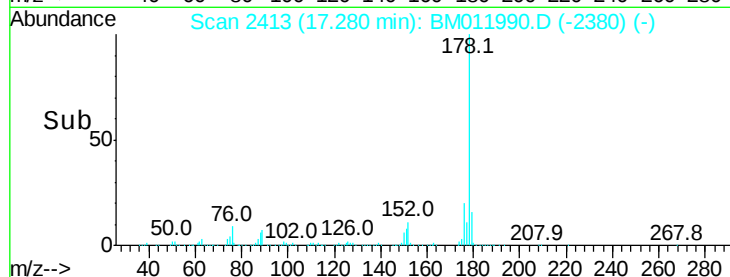
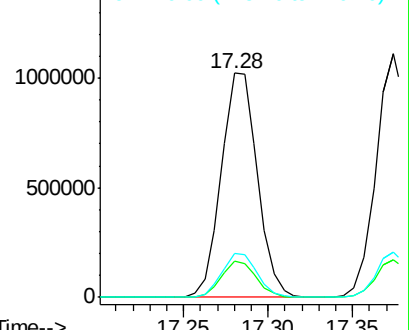
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.6	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 21.103 ng/ul

RT: 17.37 min Scan# 2429

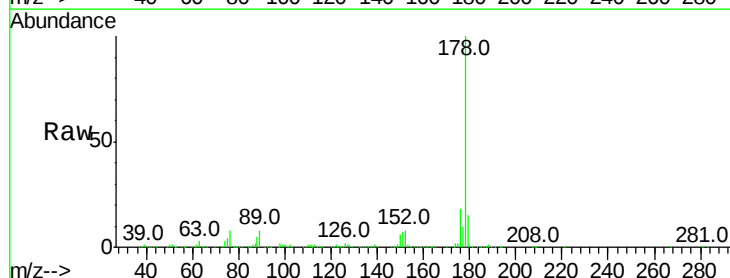
Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Tgt Ion:178 Resp: 1575661

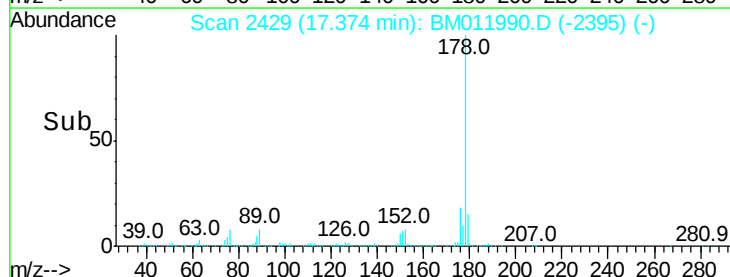
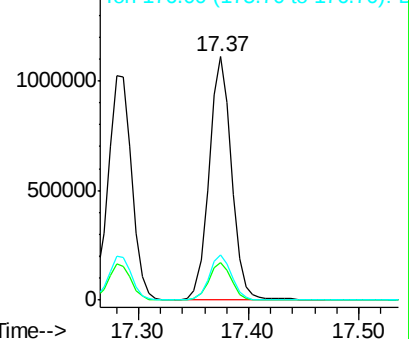
Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	18.3	14.6	21.8

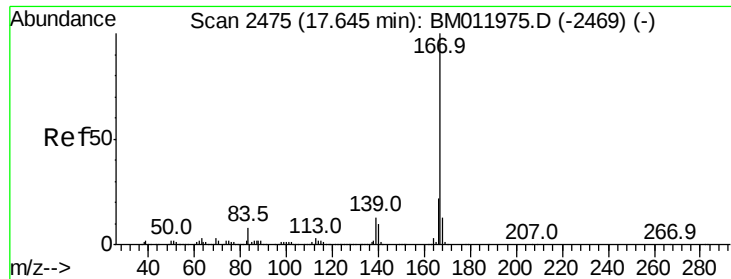


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



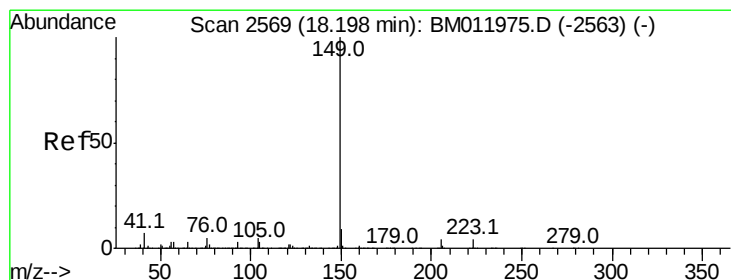
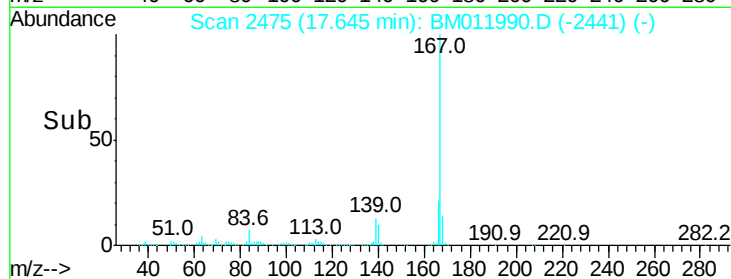
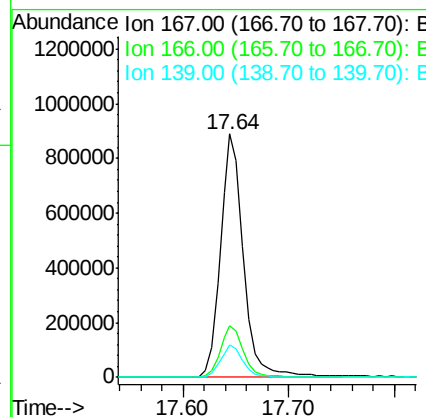
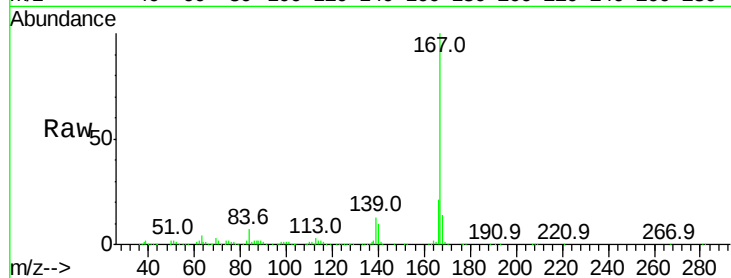


#72
 Carbazole
 Concen: 20.918 ng/ul
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.00 min
 Lab File: BM011990.D
 Acq: 08 Oct 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1352890

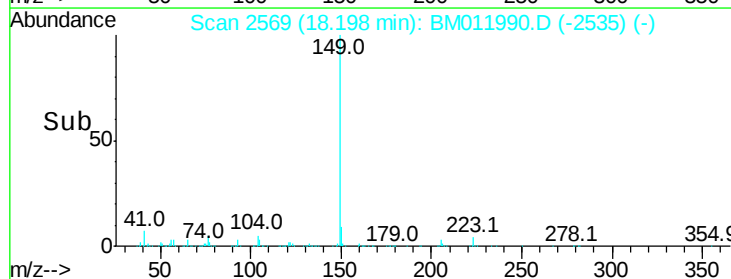
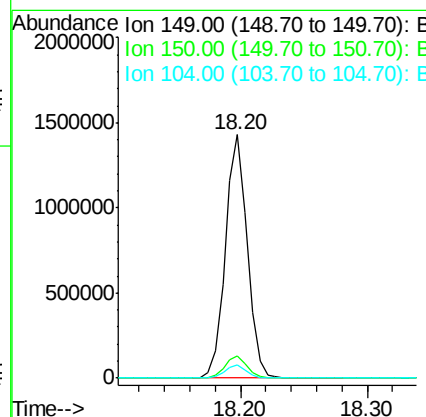
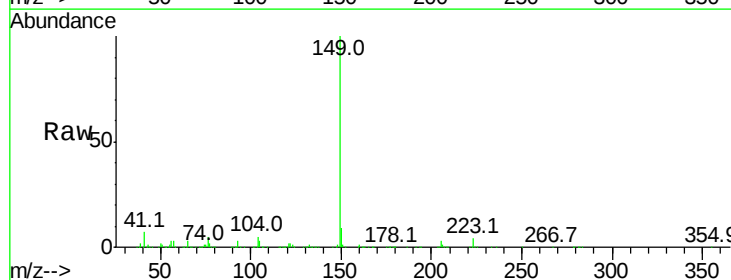
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	13.3	10.0	15.0

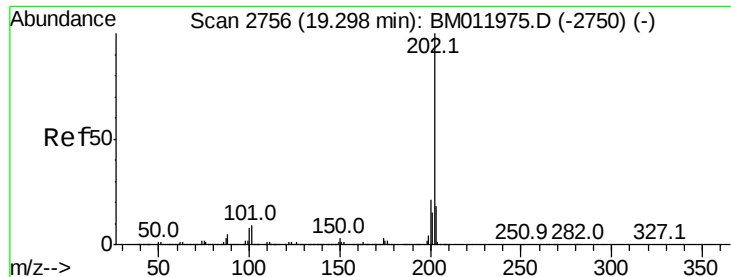


#73
 Di-n-butylphthalate
 Concen: 22.000 ng/ul
 RT: 18.20 min Scan# 2569
 Delta R.T. -0.00 min
 Lab File: BM011990.D
 Acq: 08 Oct 2017 23:12

Tgt Ion:149 Resp: 1704996

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	5.2	5.6	8.4#

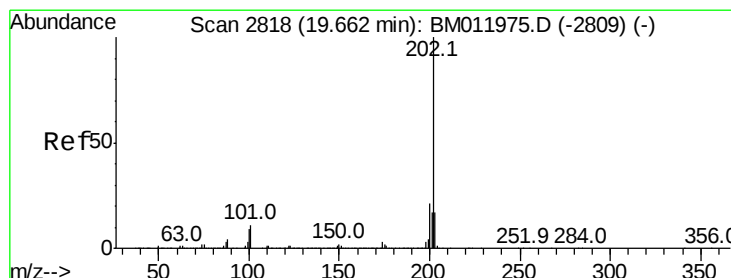
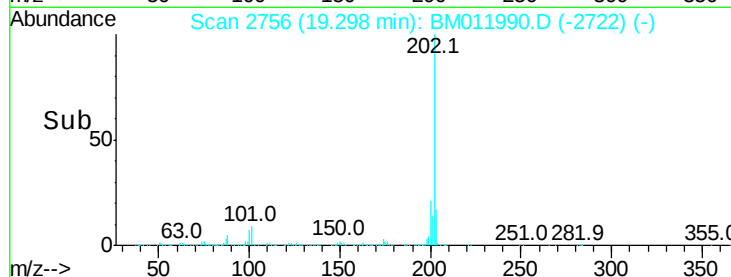
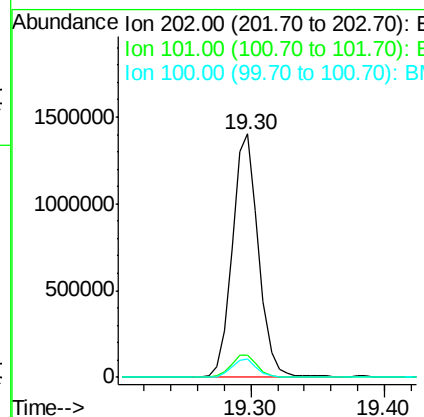
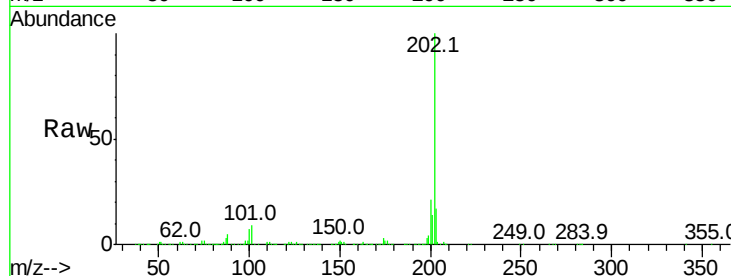




#74
 Fluoranthene
 Concen: 21.453 ng/ul
 RT: 19.30 min Scan# 2756
 Delta R.T. -0.00 min
 Lab File: BM011990.D
 Acq: 08 Oct 2017 23:12

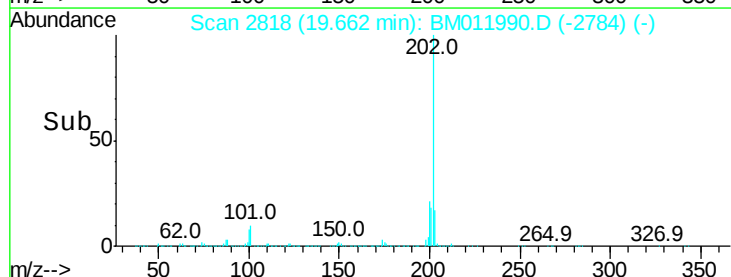
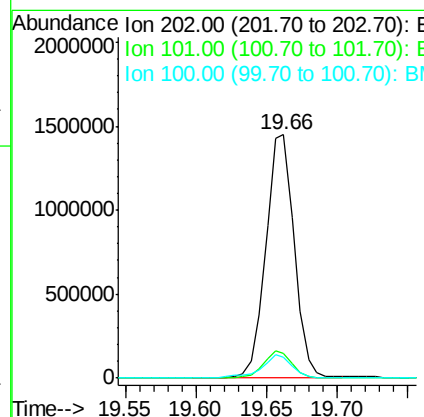
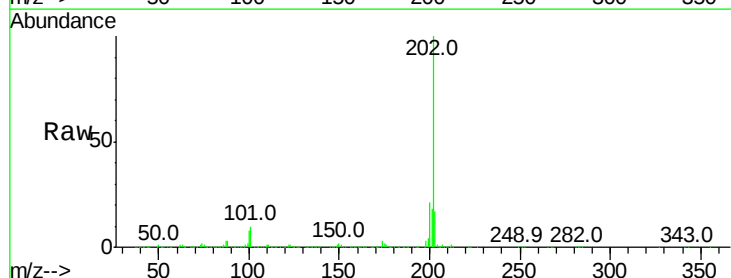
Instrument :
 BNA_M
 ClientSampleId :

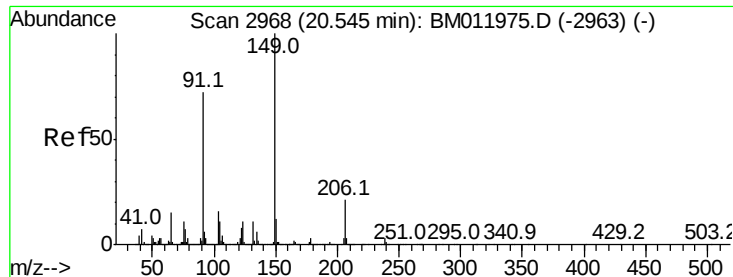
Tot Ion:202 Resp: 1920783
 Ion Ratio Lower Upper
 202 100
 101 9.1 4.6 7.0#
 100 7.4 3.4 5.2#



#77
 Pyrene
 Concen: 21.718 ng/ul
 RT: 19.66 min Scan# 2818
 Delta R.T. -0.00 min
 Lab File: BM011990.D
 Acq: 08 Oct 2017 23:12

Tgt Ion:202 Resp: 2054414
 Ion Ratio Lower Upper
 202 100
 101 10.1 5.1 7.7#
 100 8.5 4.9 7.3#





#78

Butylbenzylphthalate

Concen: 23.225 ng/ul

RT: 20.54 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

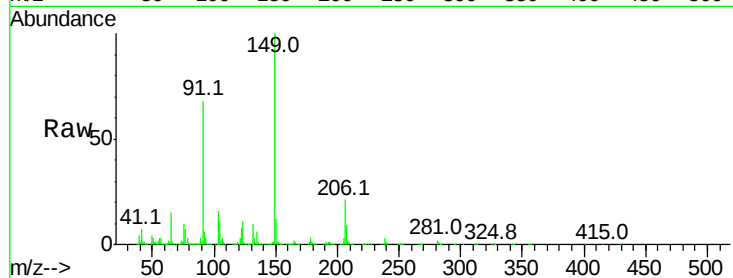
Tot Ion:149 Resp: 860598

Ion Ratio Lower Upper

149 100

91 68.0 62.7 94.1

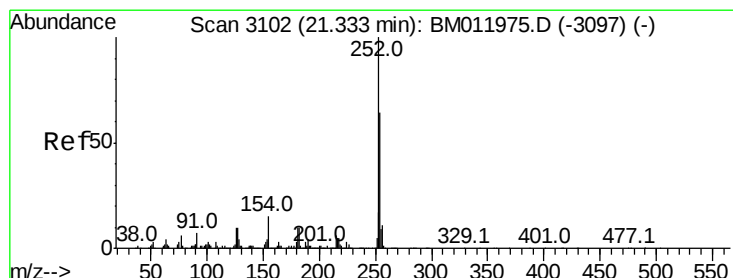
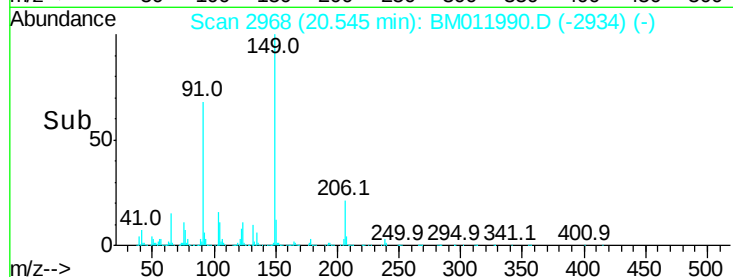
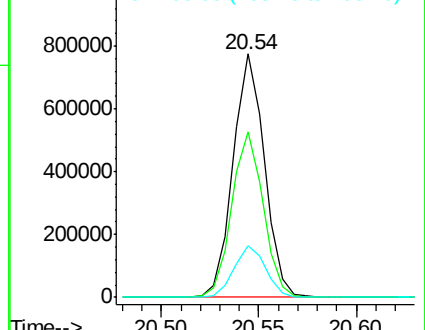
206 21.3 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 23.717 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

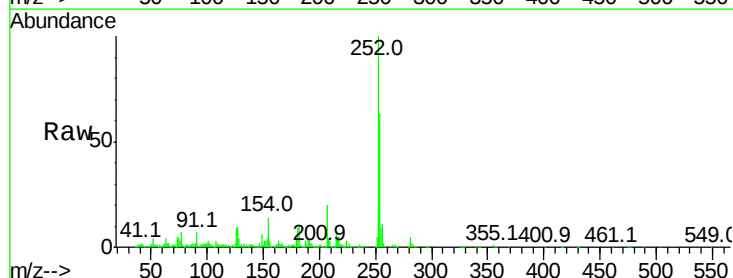
Tgt Ion:252 Resp: 753248

Ion Ratio Lower Upper

252 100

254 63.3 54.5 81.7

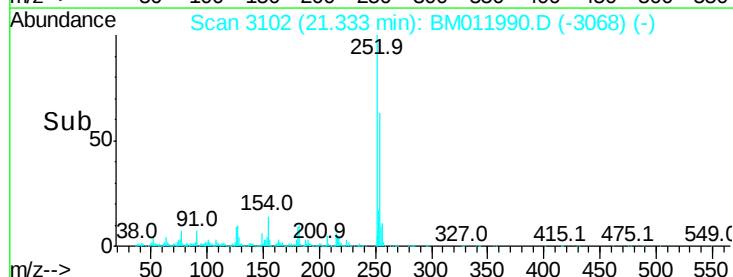
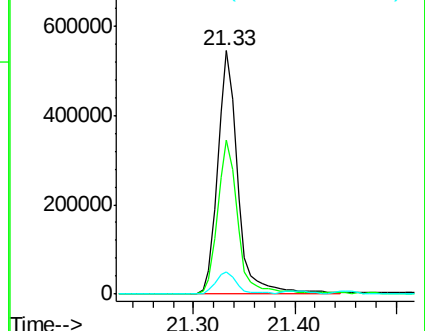
126 9.0 5.8 8.8#

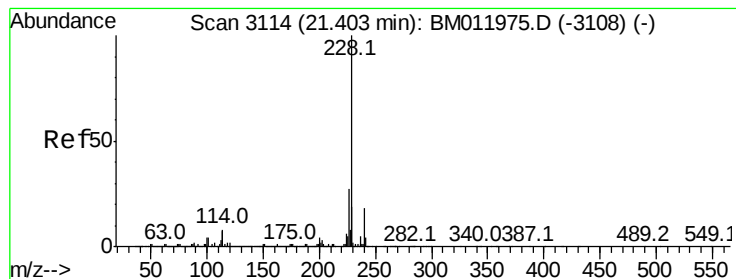


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 21.962 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

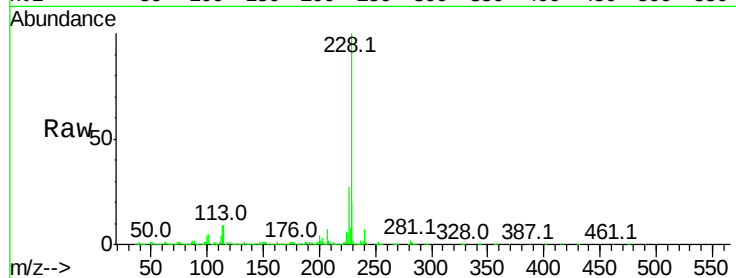
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2146432

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	27.0	21.4	32.0

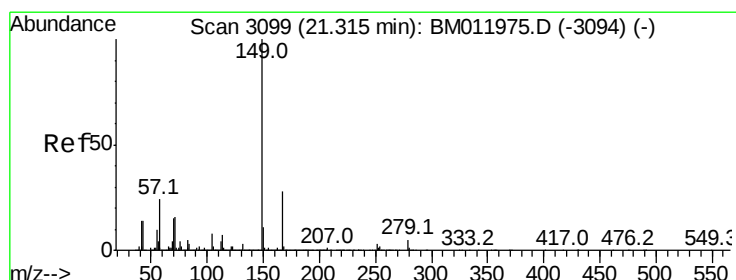
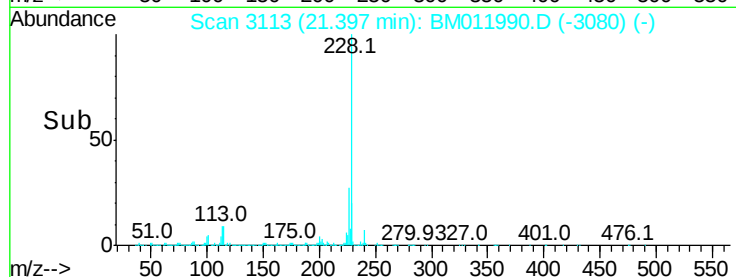
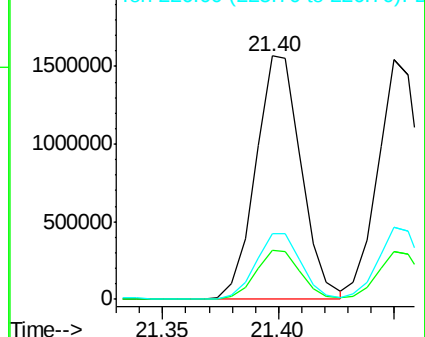


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 23.396 ng/ul

RT: 21.32 min Scan# 3099

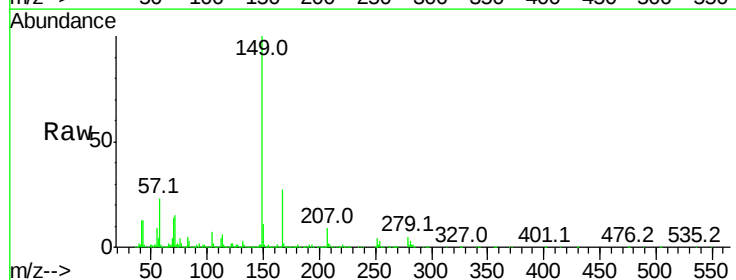
Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Tgt Ion:149 Resp: 1289738

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.8	34.2
279	4.7	4.9	7.3#

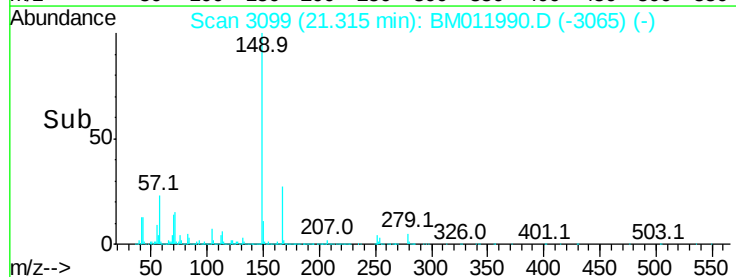
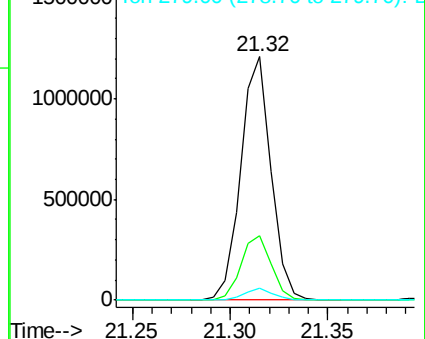


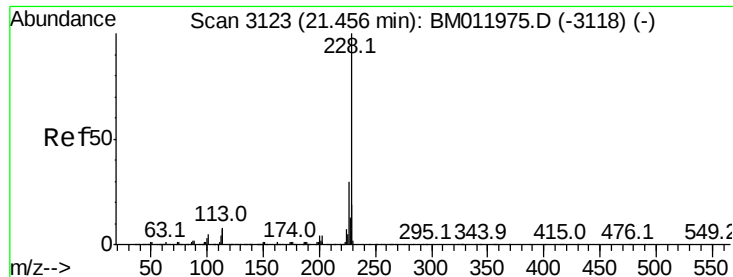
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 21.763 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

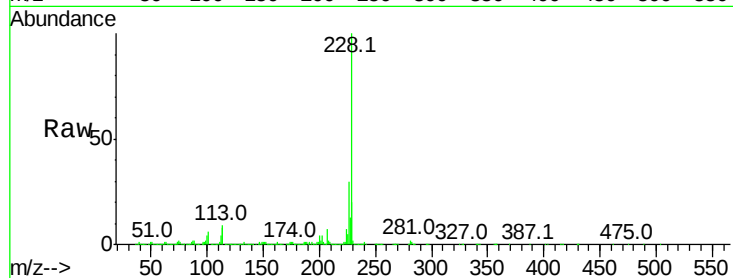
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2020985

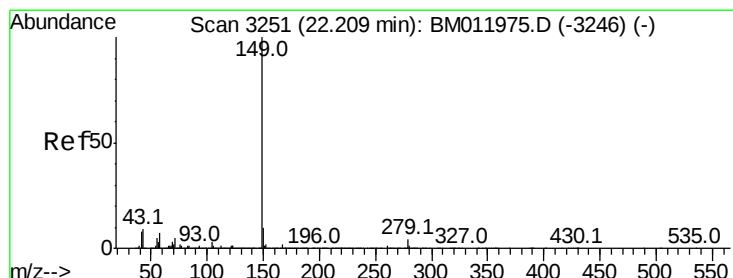
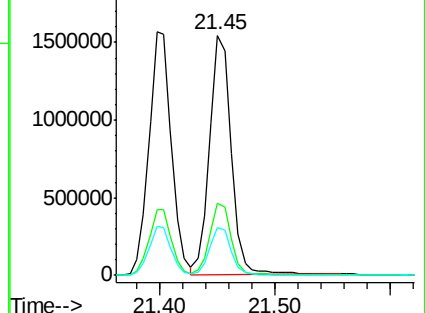
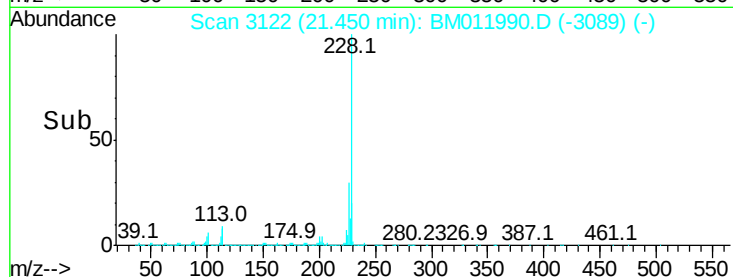
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	19.9	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 20.574 ng/ul

RT: 22.21 min Scan# 3251

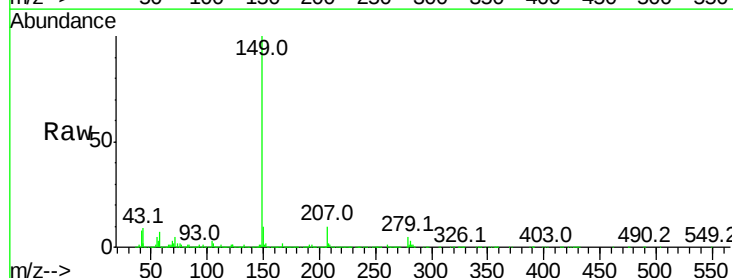
Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Tgt Ion:149 Resp: 2264249

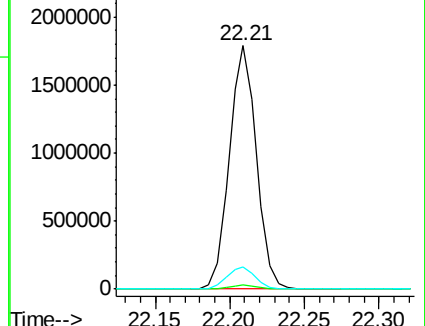
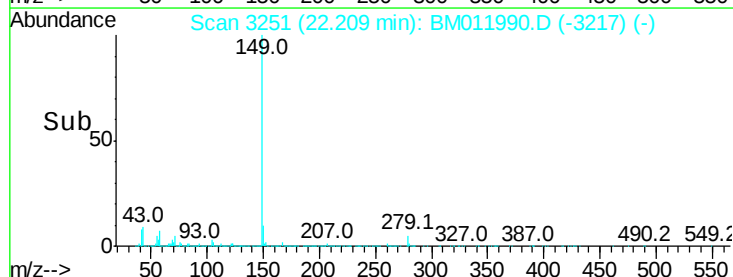
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.3	7.3	10.9

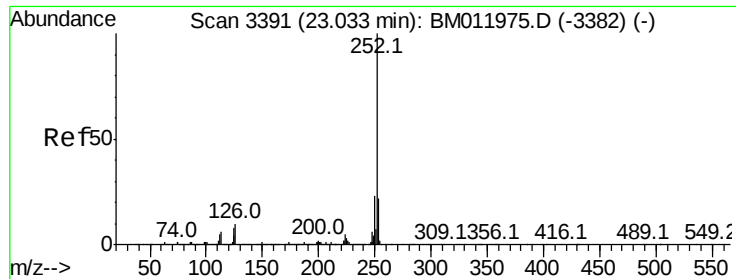


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 20.970 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

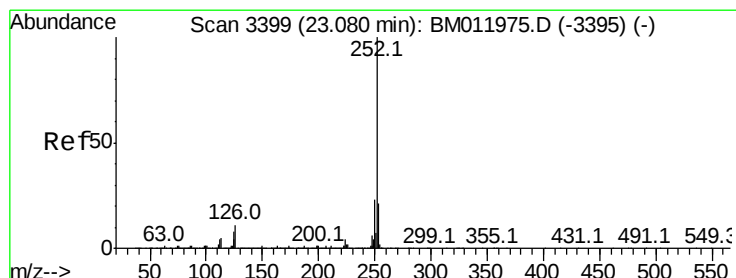
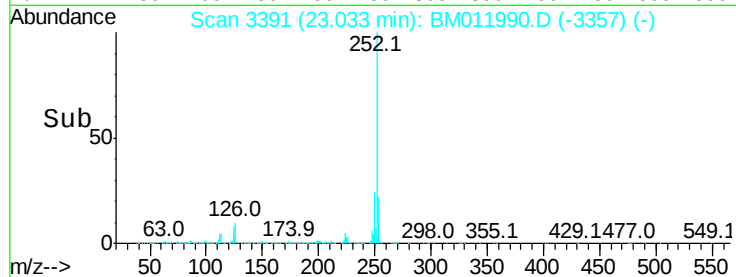
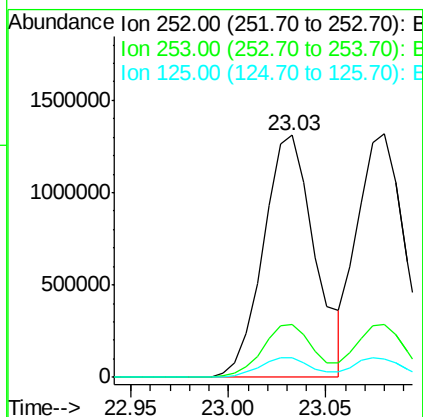
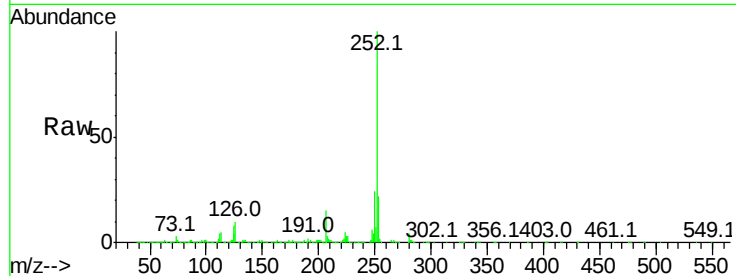
Tot Ion:252 Resp: 2401073

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 8.1 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 19.723 ng/ul

RT: 23.08 min Scan# 3399

Delta R.T. -0.00 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

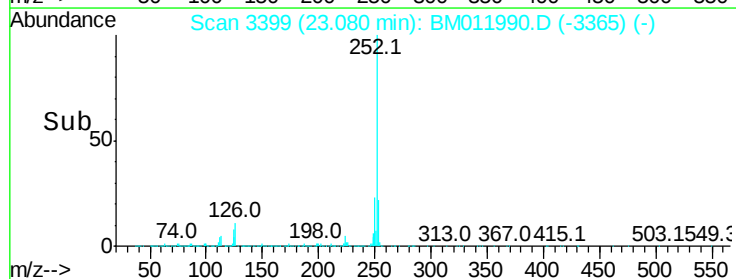
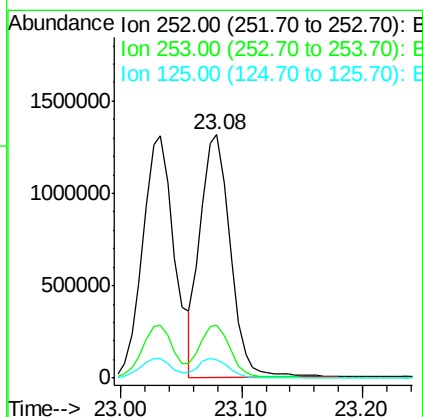
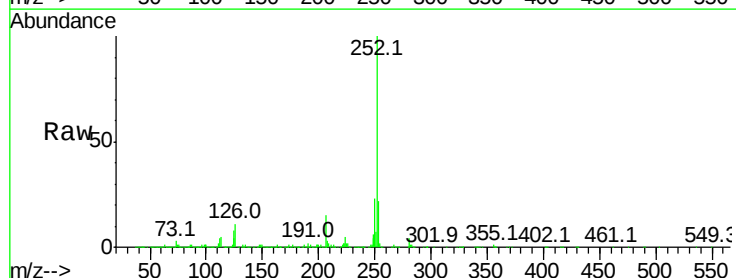
Tgt Ion:252 Resp: 2254526

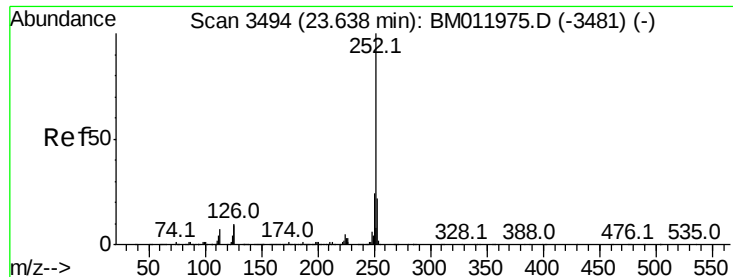
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 7.8 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 21.228 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Instrument :

BNA_M

ClientSampleId :

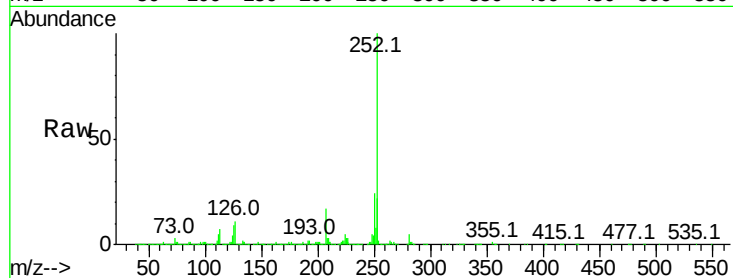
Tot Ion:252 Resp: 2335539

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

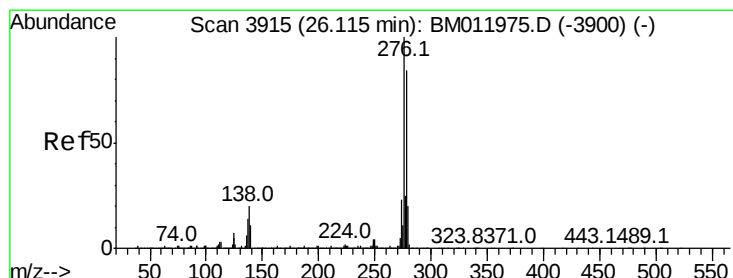
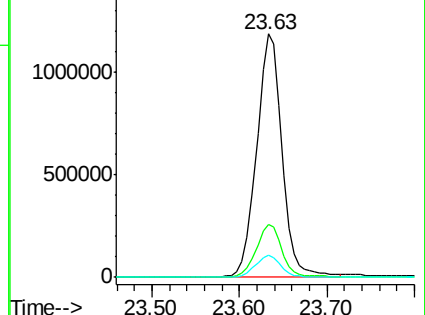
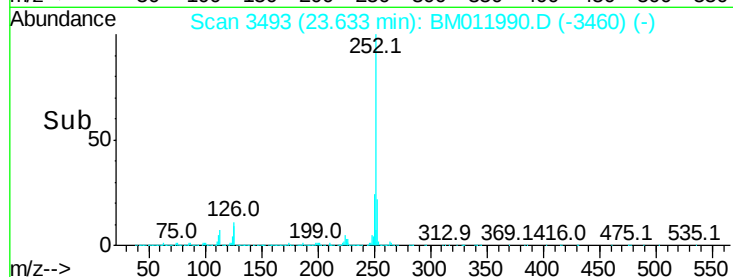
125 9.2 4.0 6.0#



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

Indeno(1,2,3-cd)pyrene

Concen: 23.522 ng/ul

RT: 26.11 min Scan# 3914

Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

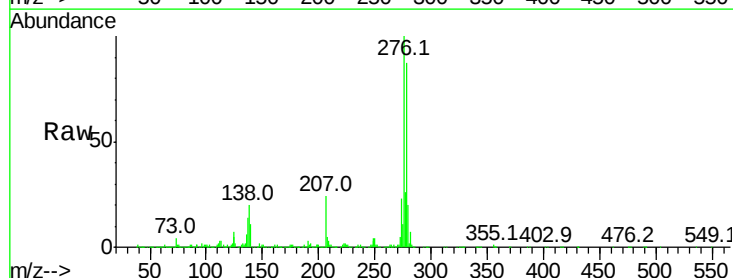
Tgt Ion:276 Resp: 2769439

Ion Ratio Lower Upper

276 100

138 20.5 9.3 13.9#

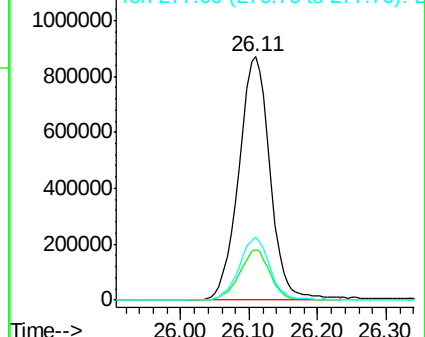
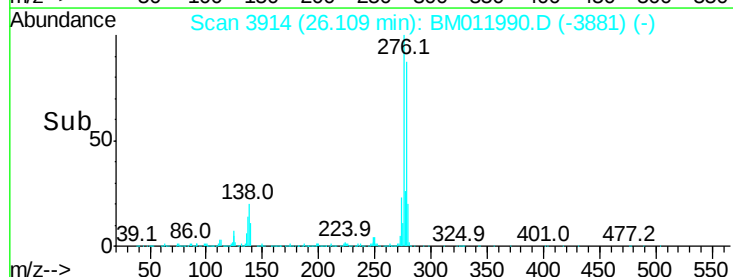
277 25.8 19.9 29.9

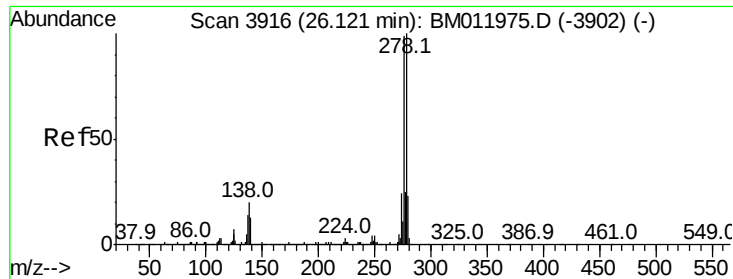


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 23.712 ng/ul

RT: 26.11 min Scan# 3915

Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

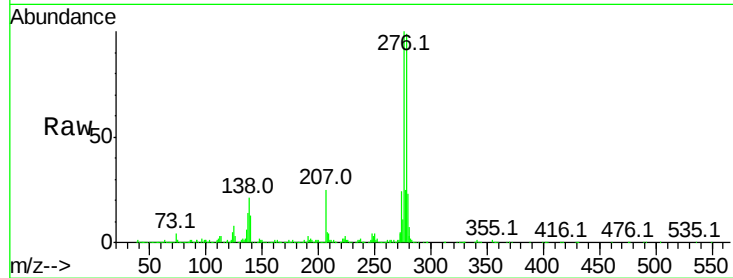
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2293987

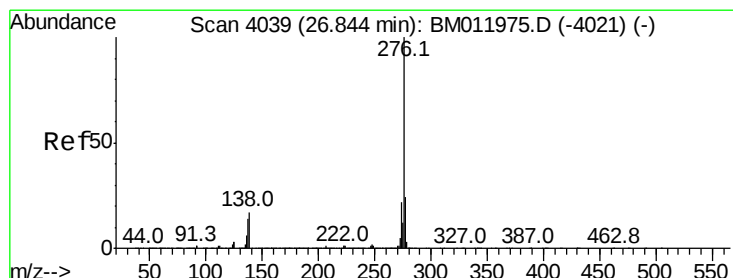
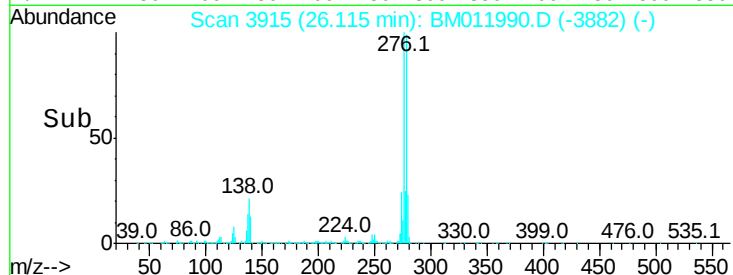
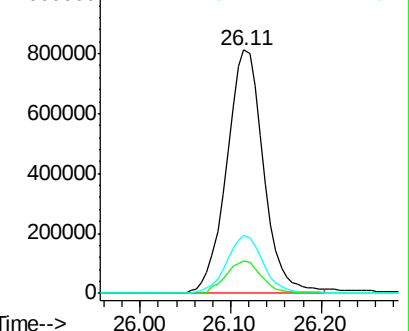
Ion	Ratio	Lower	Upper
278	100		
139	13.1	5.8	8.8#
279	23.6	18.6	27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 23.507 ng/ul

RT: 26.84 min Scan# 4038

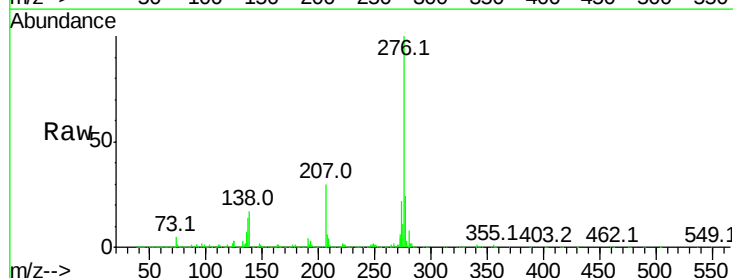
Delta R.T. -0.01 min

Lab File: BM011990.D

Acq: 08 Oct 2017 23:12

Tgt Ion:276 Resp: 2289406

Ion	Ratio	Lower	Upper
276	100		
138	17.2	8.5	12.7#
277	23.6	18.6	28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

