

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019974.D
 Acq On : 19 Apr 2019 14:30
 Operator : JU/SJ
 Sample : PB118962BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

Quant Time: Apr 19 23:33:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	119818	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	486607	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	278743	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	630623	20.00	ng	0.00
76) Chrysene-d12	21.17	240	745397	20.00	ng	0.00
87) Perylene-d12	23.36	264	719873	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	1065293	144.09	ng	0.00
7) Phenol-d6	6.71	99	1439043	129.33	ng	0.00
23) Nitrobenzene-d5	8.69	82	956740	87.93	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	604777	134.78	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1936806	86.59	ng	0.00
79) Terphenyl-d14	19.59	244	3435955	81.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	125415	39.310	ng	98
3) Pyridine	3.49	79	307215	34.384	ng	99
4) n-Nitrosodimethylamine	3.42	42	115752	40.216	ng	# 89
6) Aniline	6.86	93	417031	29.019	ng	100
8) 2-Chlorophenol	7.08	128	364896	39.683	ng	99
9) Benzaldehyde	6.69	77	144167	19.269	ng	99
10) Phenol	6.73	94	486728	40.038	ng	96
11) bis(2-Chloroethyl)ether	6.96	93	324291	36.460	ng	99
12) 1,3-Dichlorobenzene	7.39	146	363610	37.666	ng	98
13) 1,4-Dichlorobenzene	7.55	146	375528	38.341	ng	98
14) 1,2-Dichlorobenzene	7.85	146	365132	37.598	ng	100
15) Benzyl Alcohol	7.77	79	371133	36.690	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.04	45	294599	34.745	ng	98
17) 2-Methylphenol	7.97	107	307446	38.212	ng	99
18) Hexachloroethane	8.55	117	141166	37.079	ng	99
19) n-Nitroso-di-n-propylamine	8.32	70	319233	32.639	ng	98
20) 3+4-Methylphenols	8.30	107	411818	37.260	ng	99
22) Acetophenone	8.35	105	541705	40.872	ng	99
24) Nitrobenzene	8.73	77	457190	40.561	ng	100
25) Isophorone	9.24	82	801399	37.836	ng	100
26) 2-Nitrophenol	9.43	139	187579	39.051	ng	98
27) 2,4-Dimethylphenol	9.49	122	324128	47.724	ng	98
28) bis(2-Chloroethoxy)methane	9.72	93	454633	38.331	ng	99
29) 2,4-Dichlorophenol	9.96	162	327276	42.429	ng	97
30) 1,2,4-Trichlorobenzene	10.15	180	341177	41.096	ng	99
31) Naphthalene	10.33	128	1043614	39.985	ng	99
32) Benzoic acid	9.69	122	201368	33.221	ng	99
33) 4-Chloroaniline	10.49	127	259635	24.147	ng	97
34) Hexachlorobutadiene	10.59	225	194147	39.651	ng	97
35) Caprolactam	11.32	113	77548	26.560	ng	97
36) 4-Chloro-3-methylphenol	11.62	107	383969	40.062	ng	98
37) 2-Methylnaphthalene	11.96	142	754926	39.729	ng	99
38) 1-Methylnaphthalene	12.19	142	724891	38.636	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	351855	40.918	ng	100

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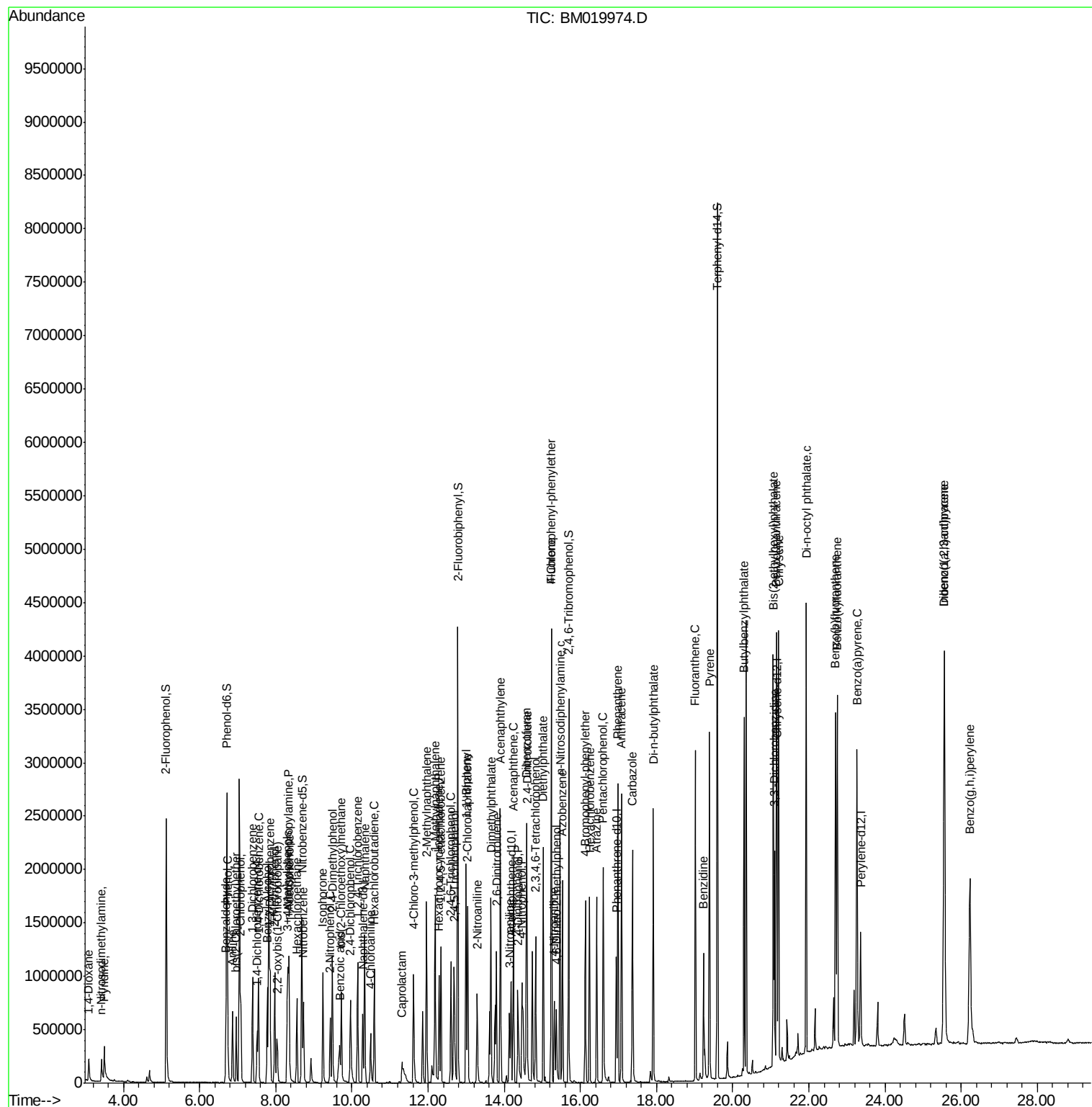
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	248019	81.253	ng	98
43) 2,4,6-Trichlorophenol	12.60	196	254930	43.728	ng	99
44) 2,4,5-Trichlorophenol	12.69	196	257343	42.412	ng	97
46) 1,1'-Biphenyl	13.00	154	975988	40.426	ng	100
47) 2-Chloronaphthalene	13.05	162	756761	41.094	ng	99
48) 2-Nitroaniline	13.29	65	271730	40.936	ng	97
49) Acenaphthylene	13.90	152	1248989	38.980	ng	100
50) Dimethylphthalate	13.65	163	995825	40.502	ng	99
51) 2,6-Dinitrotoluene	13.79	165	217067	39.925	ng	92
52) Acenaphthene	14.25	154	717355	40.378	ng	99
53) 3-Nitroaniline	14.13	138	158692	29.231	ng	99
54) 2,4-Dinitrophenol	14.36	184	228207	71.198	ng	97
55) Dibenzofuran	14.58	168	1168635	40.226	ng	99
56) 4-Nitrophenol	14.47	139	304236	71.679	ng	97
57) 2,4-Dinitrotoluene	14.60	165	312122	39.938	ng	98
58) Fluorene	15.24	166	974115	39.571	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.82	232	233609	42.195	ng	100
60) Diethylphthalate	15.02	149	1041927	40.746	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	473282	39.932	ng	96
62) 4-Nitroaniline	15.32	138	205353	38.393	ng	98
63) Azobenzene	15.53	77	1119794	40.972	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	147141	36.570	ng	98
66) n-Nitrosodiphenylamine	15.46	169	824420	39.988	ng	99
67) 4-Bromophenyl-phenylether	16.13	248	279648	38.570	ng	98
68) Hexachlorobenzene	16.24	284	338587	38.920	ng	98
69) Atrazine	16.43	200	286797	40.978	ng	98
70) Pentachlorophenol	16.60	266	359340	80.841	ng	98
71) Phenanthrene	16.99	178	1477888	39.491	ng	99
72) Anthracene	17.08	178	1513237	40.622	ng	100
73) Carbazole	17.37	167	1400186	40.258	ng	100
74) Di-n-butylphthalate	17.92	149	1839566	40.274	ng	100
75) Fluoranthene	19.02	202	1759324	40.851	ng	99
77) Benzidine	19.23	184	748774	36.407	ng	99
78) Pyrene	19.39	202	1809466	36.657	ng	100
80) Butylbenzylphthalate	20.30	149	914519	38.214	ng	97
81) Benzo(a)anthracene	21.15	228	1782610	37.752	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	564415	32.127	ng	98
83) Chrysene	21.20	228	1759987	38.866	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1362637	38.246	ng	99
85) Di-n-octyl phthalate	21.93	149	2406013	41.619	ng	100
86) Indeno(1,2,3-cd)pyrene	25.56	276	2303635	51.713	ng	100
88) Benzo(b)fluoranthene	22.70	252	1985503	41.537	ng	100
89) Benzo(k)fluoranthene	22.74	252	1975469	43.898	ng	99
90) Benzo(a)pyrene	23.26	252	1901463	44.895	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	1989830	48.729	ng	99
92) Benzo(g,h,i)perylene	26.23	276	1809158	48.915	ng	99

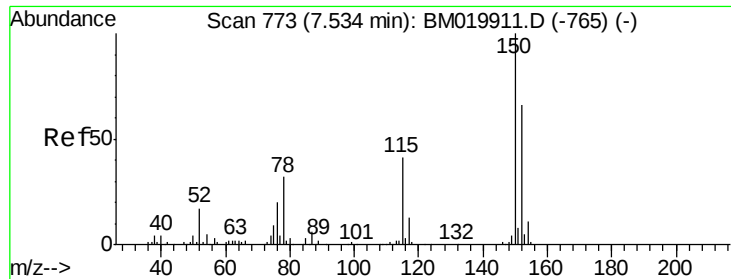
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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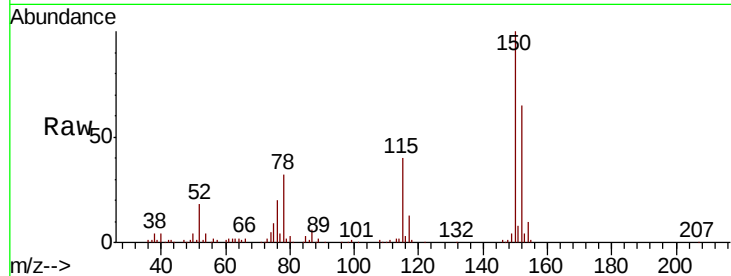


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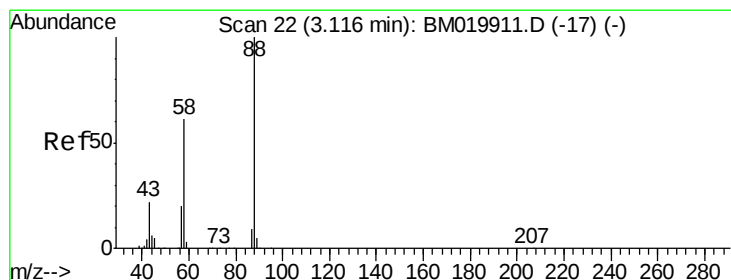
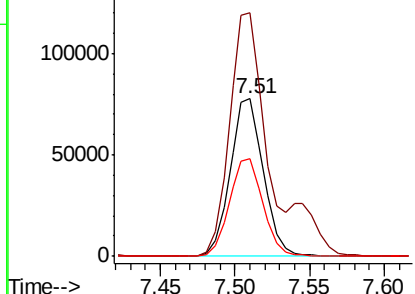
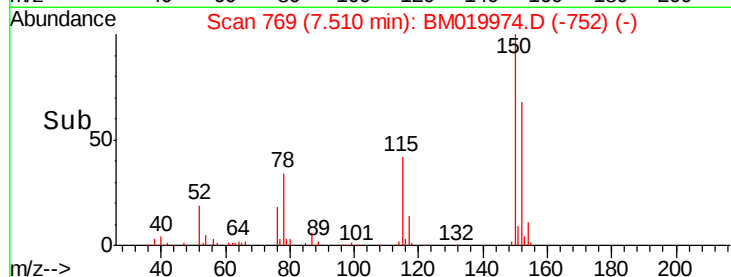
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Instrument :
BNA_M
ClientSampleId :
PB118962BS

Tgt Ion:152 Resp: 119818
Ion Ratio Lower Upper
152 100
150 154.7 122.1 183.1
115 62.1 50.0 75.0



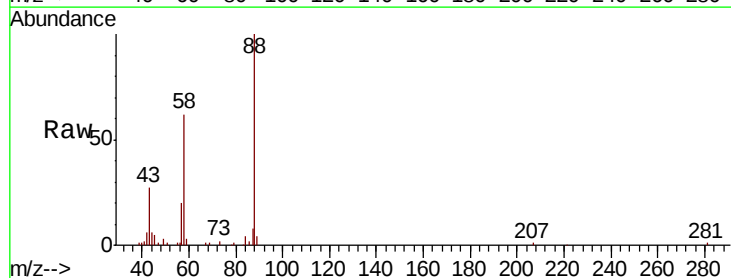
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



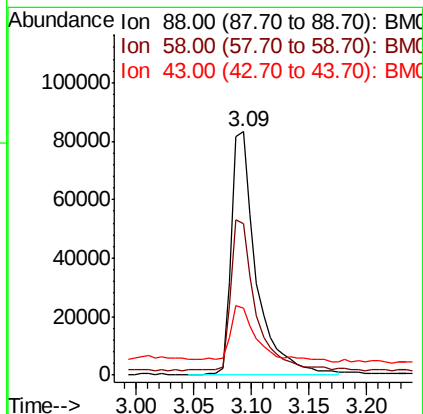
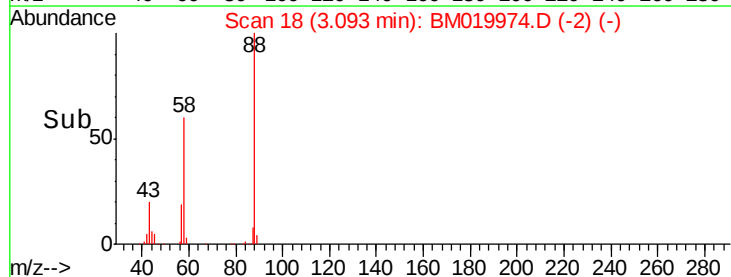
#2

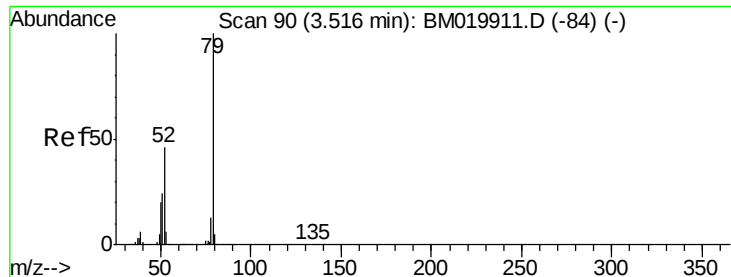
1,4-Dioxane
Concen: 39.310 ng
RT: 3.09 min Scan# 18
Delta R.T. -0.01 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion: 88 Resp: 125415
Ion Ratio Lower Upper
88 100
58 60.4 49.6 74.4
43 24.3 18.6 27.8



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

Pyridine

Concen: 34.384 ng

RT: 3.49 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

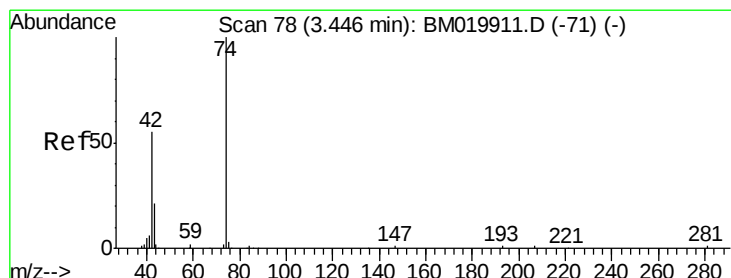
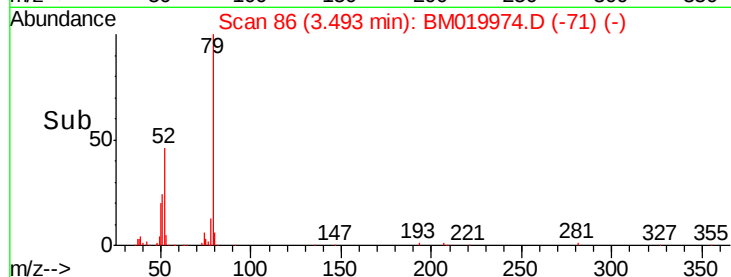
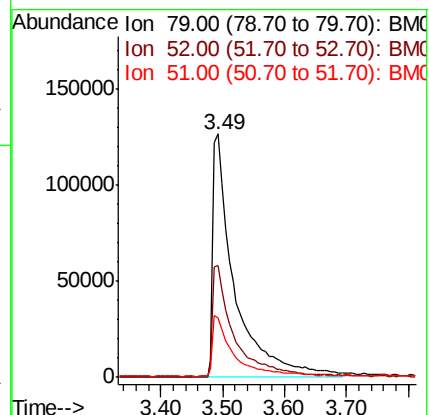
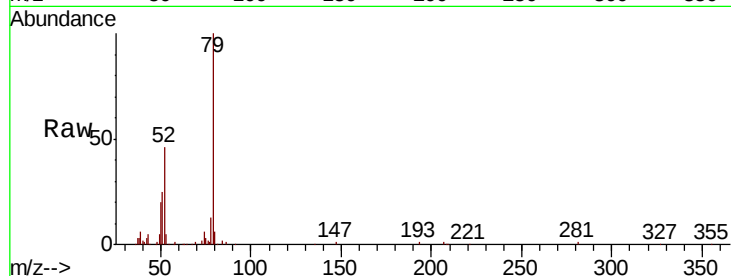
Tgt Ion: 79 Resp: 307215

Ion Ratio Lower Upper

79 100

52 45.8 36.9 55.3

51 24.6 20.0 30.0



#4

n-Nitrosodimethylamine

Concen: 40.216 ng

RT: 3.42 min Scan# 73

Delta R.T. -0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

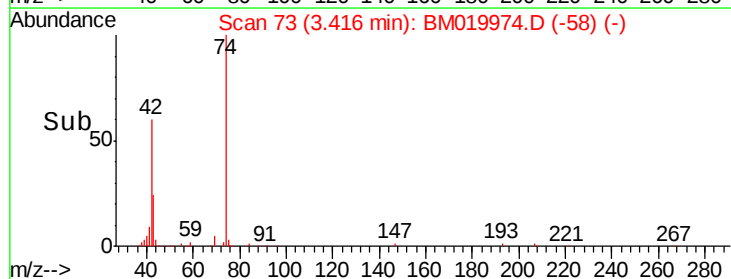
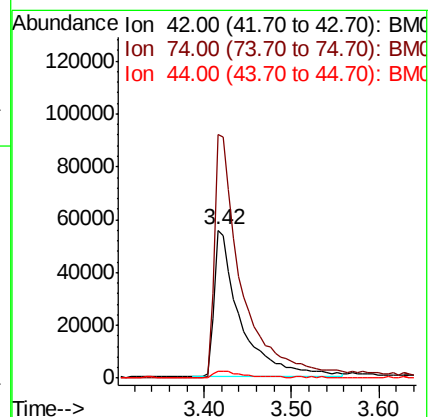
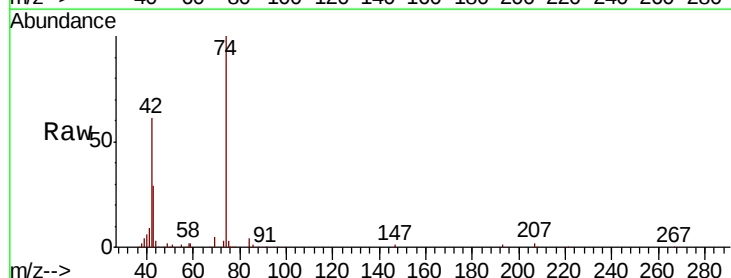
Tgt Ion: 42 Resp: 115752

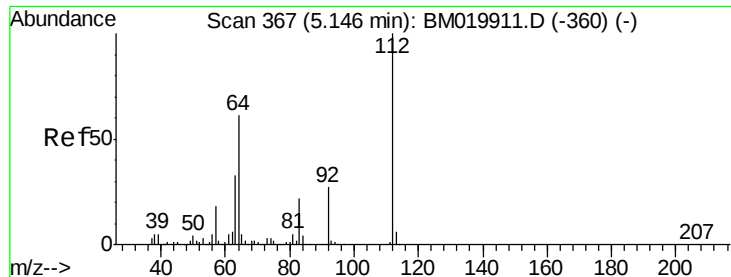
Ion Ratio Lower Upper

42 100

74 164.6 144.6 217.0

44 4.8 5.4 8.2#





#5

2-Fluorophenol

Concen: 144.091 ng

RT: 5.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

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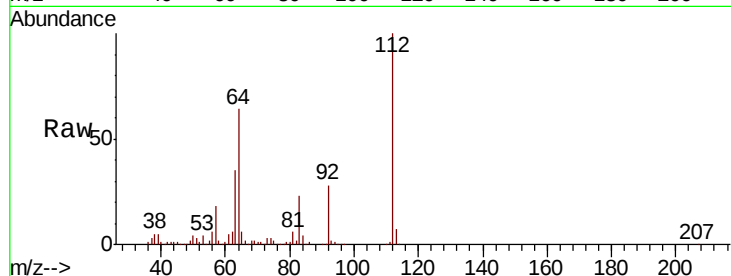
Tgt Ion:112 Resp: 1065293

Ion Ratio Lower Upper

112 100

64 63.9 49.1 73.7

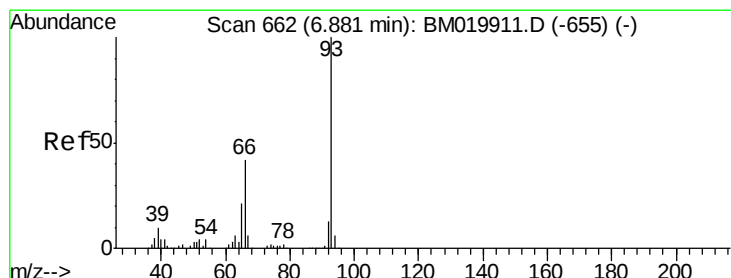
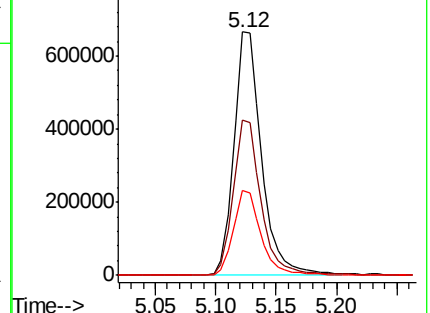
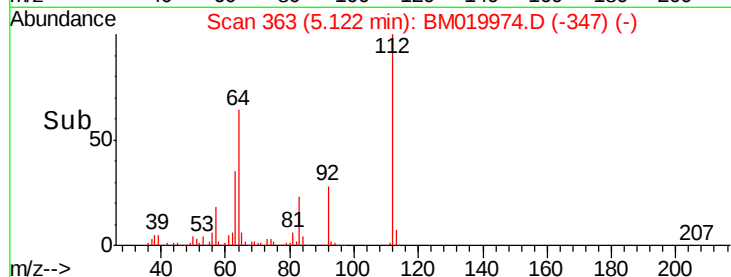
63 34.9 26.5 39.7



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: 29.019 ng

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

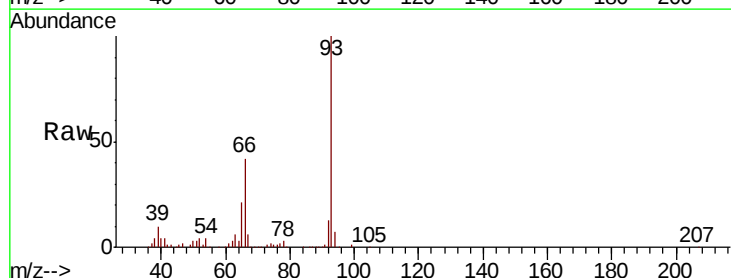
Tgt Ion: 93 Resp: 417031

Ion Ratio Lower Upper

93 100

66 42.3 33.9 50.9

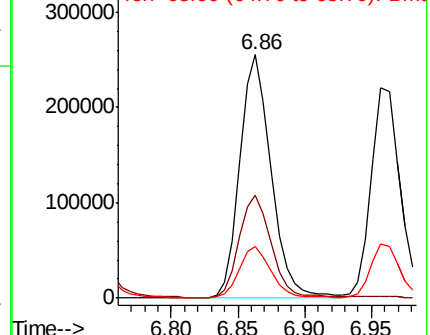
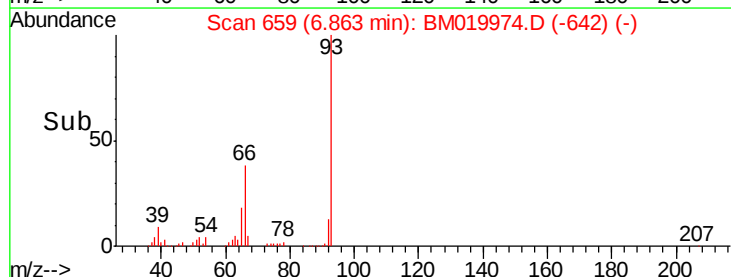
65 21.2 17.0 25.6

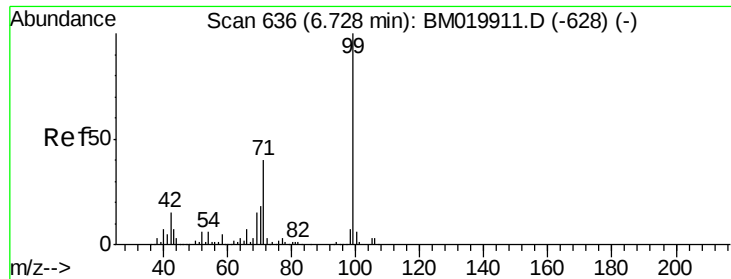


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 129.333 ng

RT: 6.71 min Scan# 633

Delta R.T. 0.00 min

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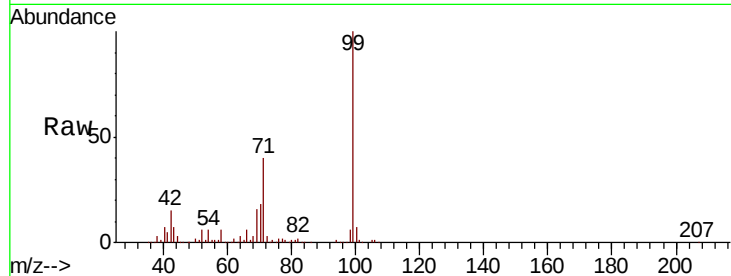
Tgt Ion: 99 Resp: 1439043

Ion Ratio Lower Upper

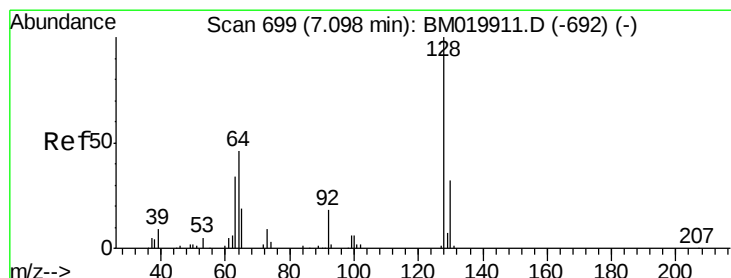
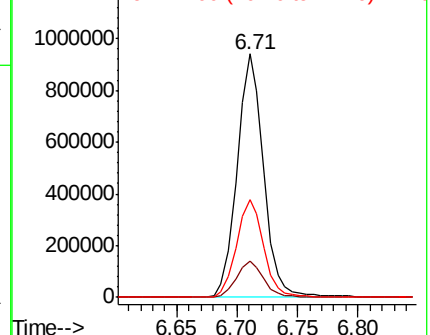
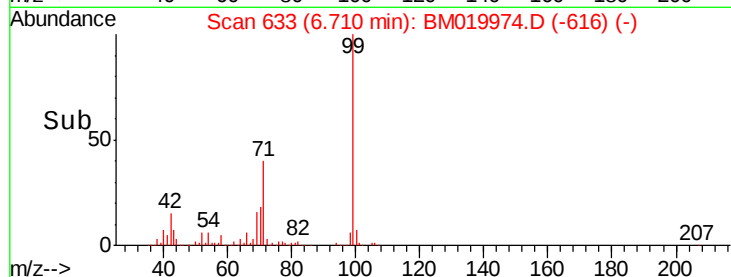
99 100

42 14.7 11.8 17.8

71 40.2 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019974.D (-616) (-)



#8

2-Chlorophenol

Concen: 39.683 ng

RT: 7.08 min Scan# 696

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

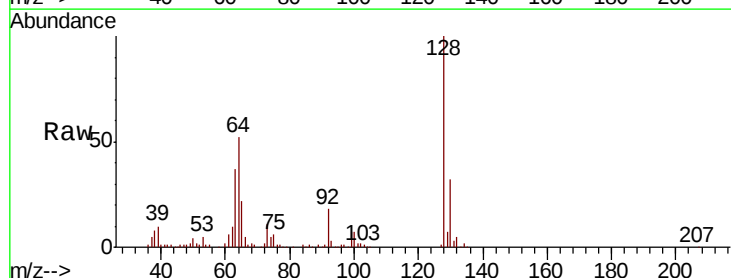
Tgt Ion: 128 Resp: 364896

Ion Ratio Lower Upper

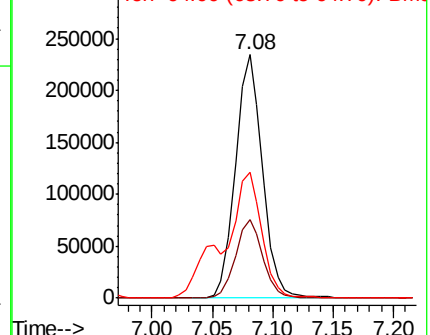
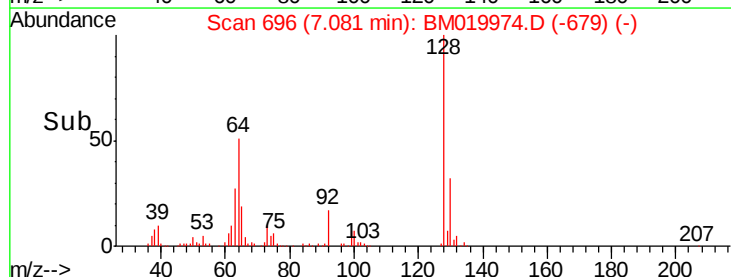
128 100

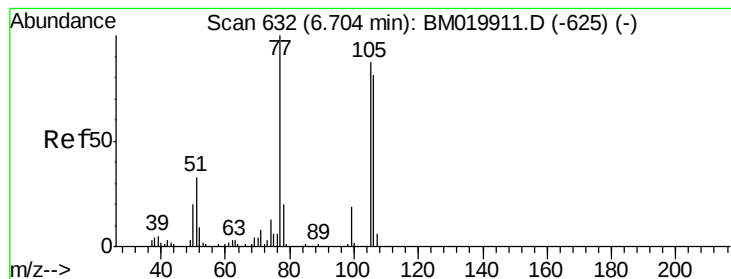
130 32.2 12.0 52.0

64 51.6 33.0 73.0



Abundance Ion 128.00 (127.70 to 128.70): BM019974.D (-679) (-)





#9

Benzaldehyde

Concen: 19.269 ng

RT: 6.69 min Scan# 629

Delta R.T. 0.00 min

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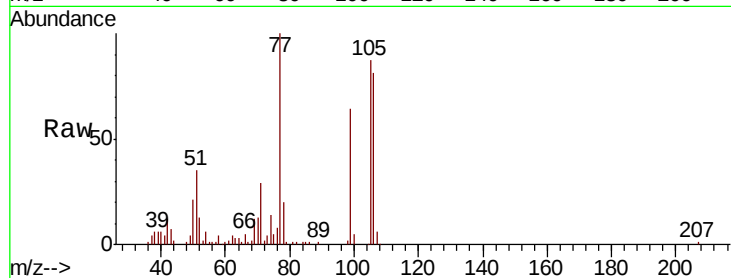
Tgt Ion: 77 Resp: 144167

Ion Ratio Lower Upper

77 100

105 87.0 67.3 107.3

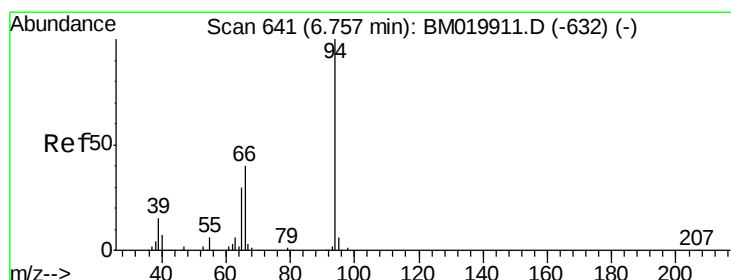
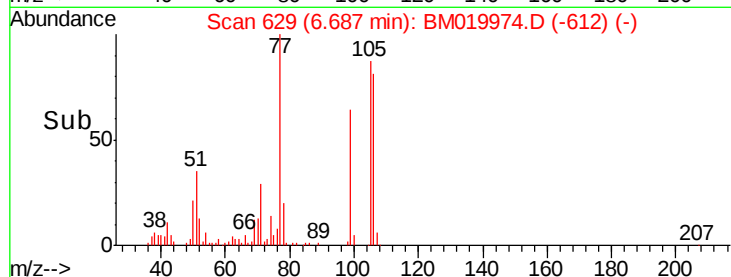
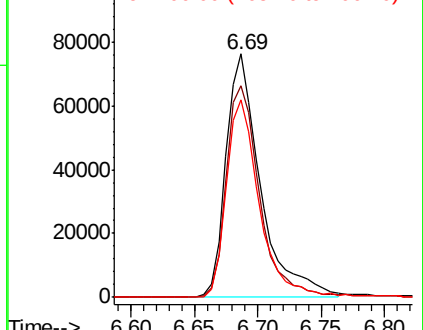
106 81.2 60.6 100.6



Abundance Ion 77.00 (76.70 to 77.70): BM019974.D (-612) (-)

Ion 105.00 (104.70 to 105.70): BM019974.D (-612) (-)

Ion 106.00 (105.70 to 106.70): BM019974.D (-612) (-)



#10

Phenol

Concen: 40.038 ng

RT: 6.73 min Scan# 637

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

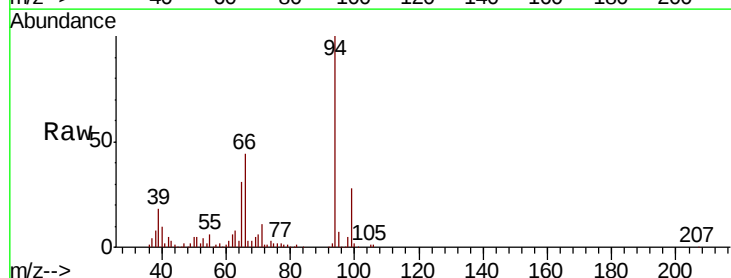
Tgt Ion: 94 Resp: 486728

Ion Ratio Lower Upper

94 100

65 31.2 10.0 50.0

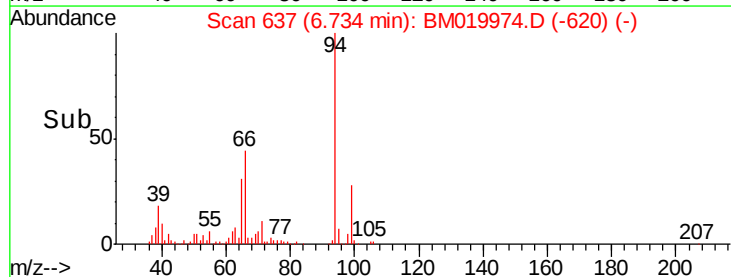
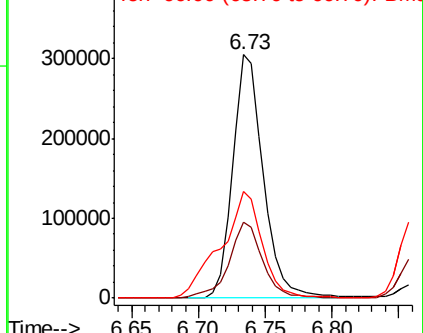
66 44.0 20.2 60.2

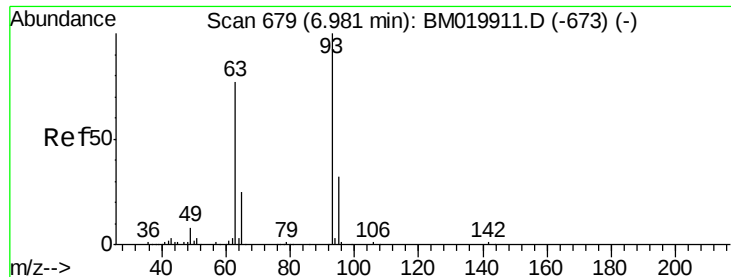


Abundance Ion 94.00 (93.70 to 94.70): BM019974.D (-620) (-)

Ion 65.00 (64.70 to 65.70): BM019974.D (-620) (-)

Ion 66.00 (65.70 to 66.70): BM019974.D (-620) (-)

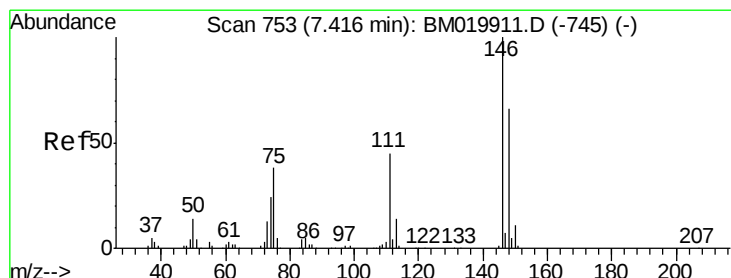
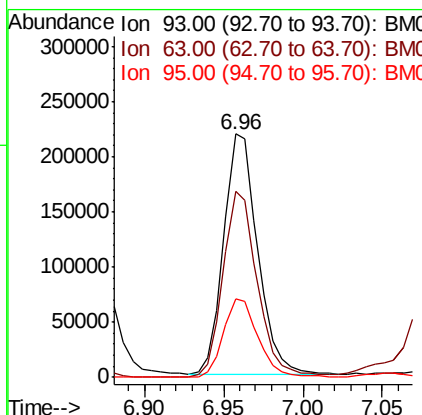
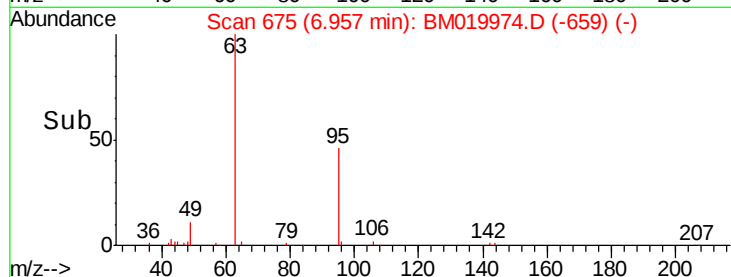
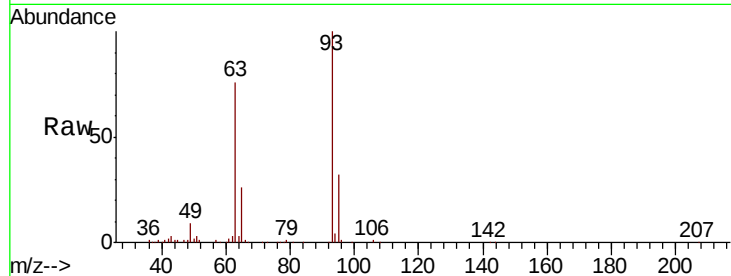




#11
 bis(2-Chloroethyl)ether
 Concen: 36.460 ng
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

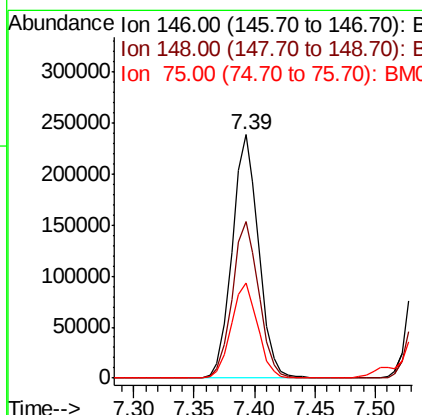
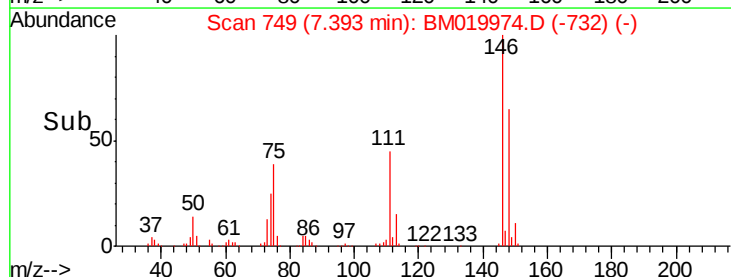
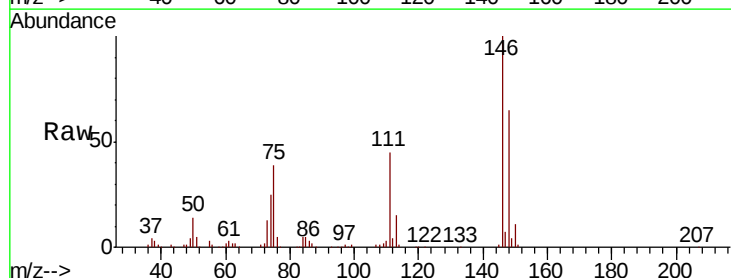
Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

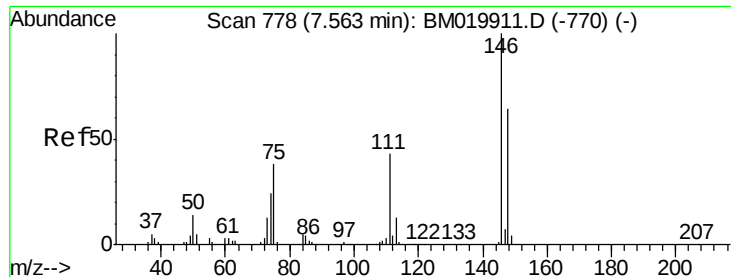
Tgt Ion: 93 Resp: 324291
 Ion Ratio Lower Upper
 93 100
 63 76.2 55.8 95.8
 95 32.2 11.6 51.6



#12
 1,3-Dichlorobenzene
 Concen: 37.666 ng
 RT: 7.39 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion: 146 Resp: 363610
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.6 78.8
 75 39.1 30.0 45.0

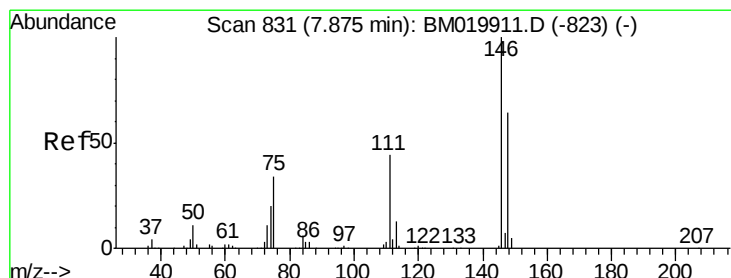
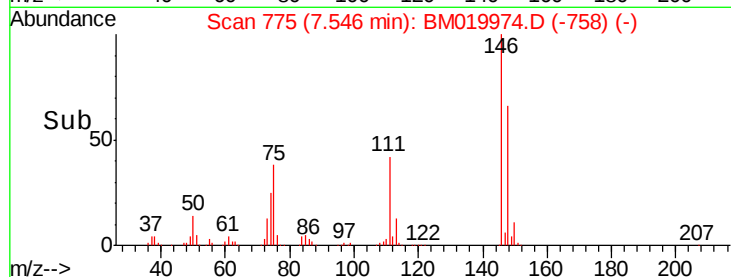
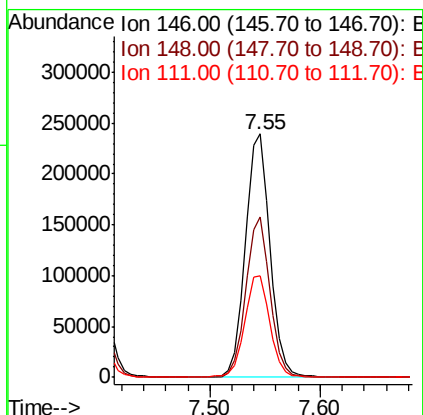
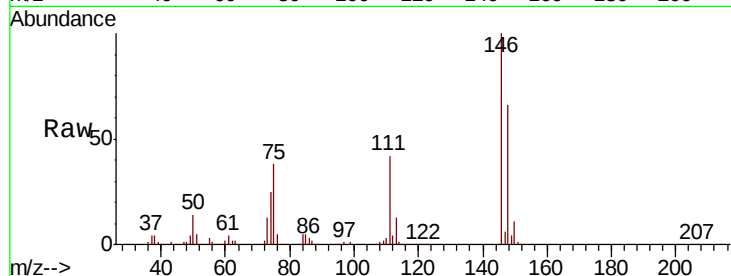




#13
 1,4-Dichlorobenzene
 Concen: 38.341 ng
 RT: 7.55 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

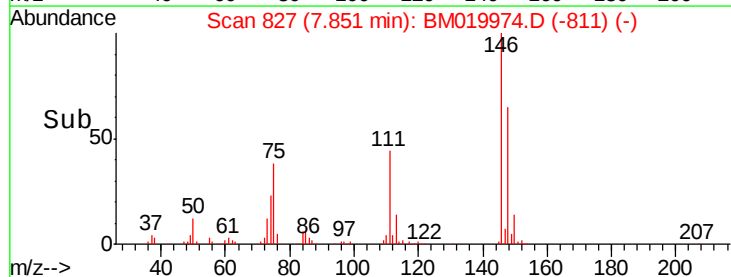
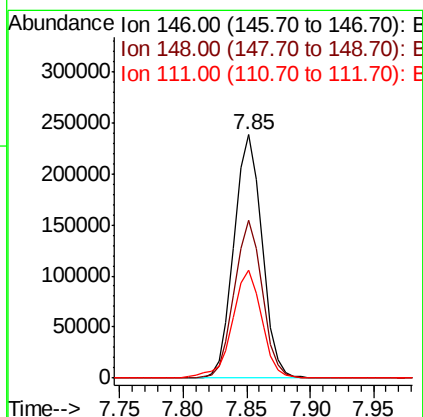
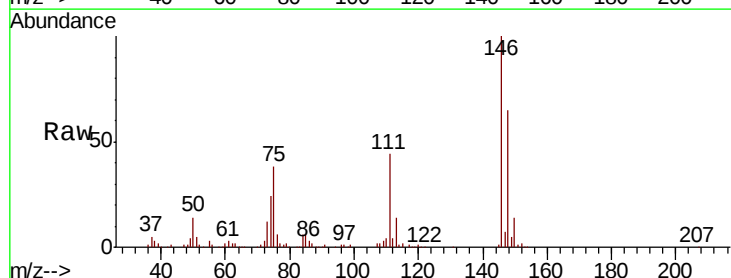
Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

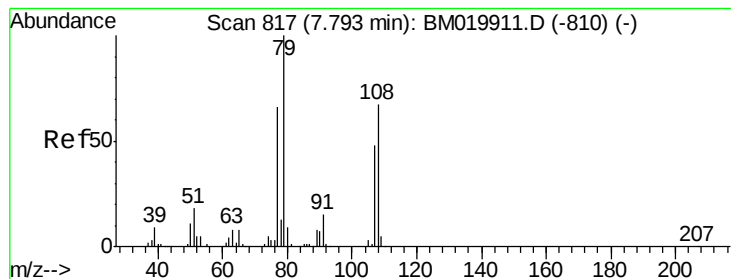
Tgt Ion:146 Resp: 375528
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.1 76.7
 111 41.9 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 37.598 ng
 RT: 7.85 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion:146 Resp: 365132
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.2
 111 44.3 35.4 53.0





#15

Benzyl Alcohol

Concen: 36.690 ng

RT: 7.77 min Scan# 814

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

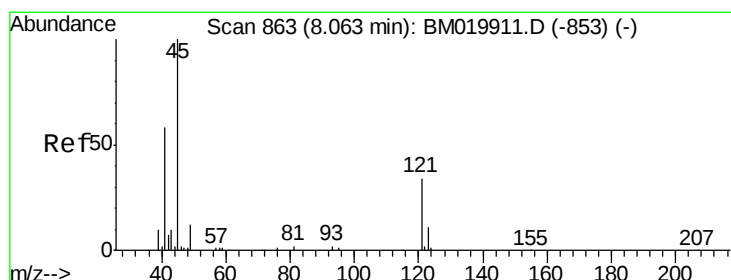
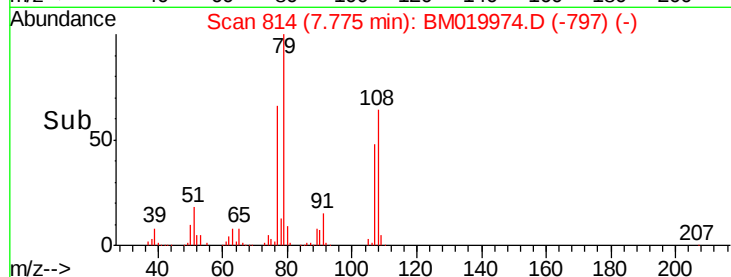
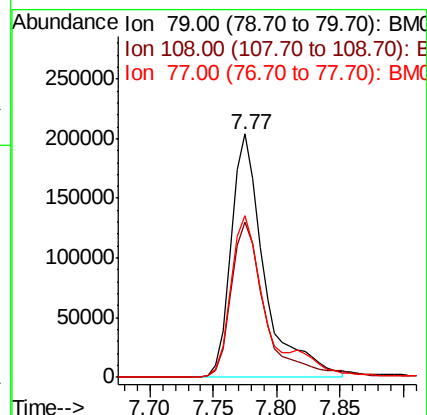
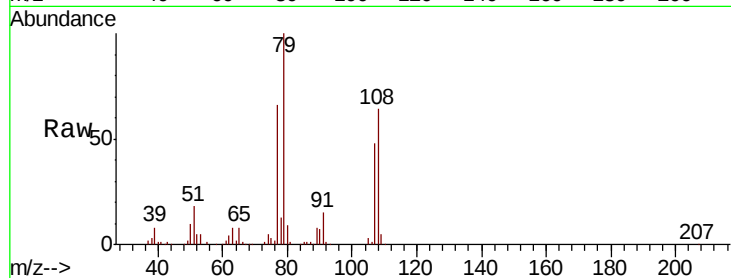
Tgt Ion: 79 Resp: 371133

Ion Ratio Lower Upper

79 100

108 63.7 53.9 80.9

77 66.2 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.745 ng

RT: 8.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

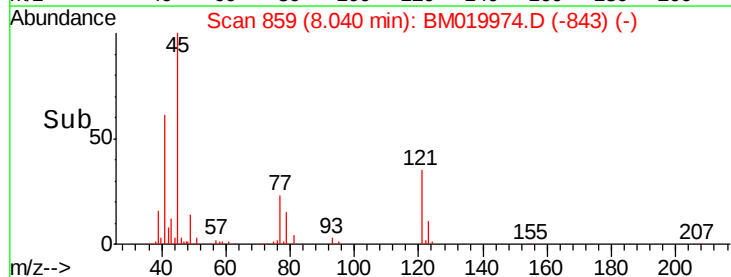
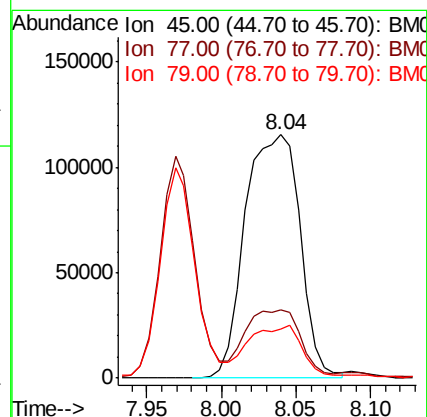
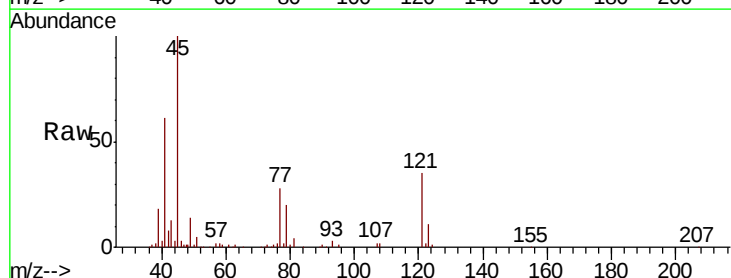
Tgt Ion: 45 Resp: 294599

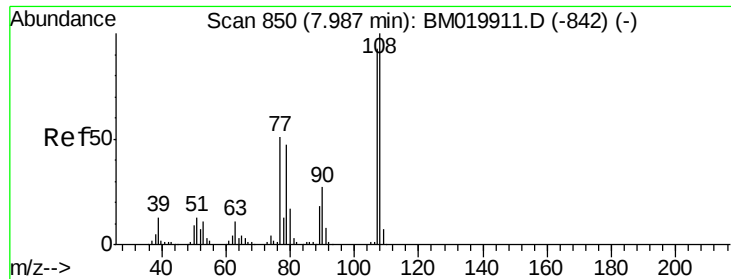
Ion Ratio Lower Upper

45 100

77 28.0 7.2 47.2

79 20.3 1.2 41.2

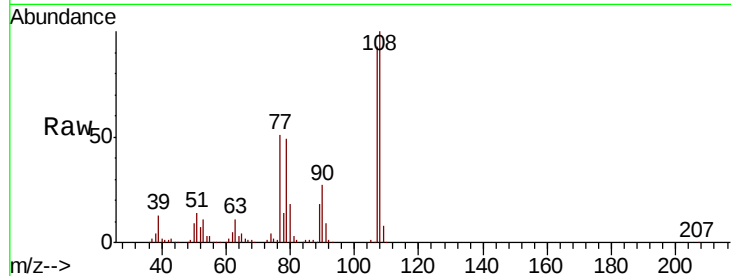




#17
2-Methylphenol
Concen: 38.212 ng
RT: 7.97 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Instrument :
BNA_M
ClientSampleId :
PB118962BS

Tgt Ion:	107	Resp:	307446
Ion	Ratio	Lower	Upper
107	100		
108	107.8	85.9	128.9
77	55.5	43.8	65.6
79	52.7	41.1	61.7



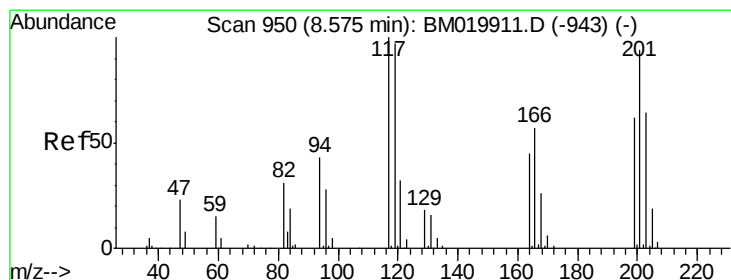
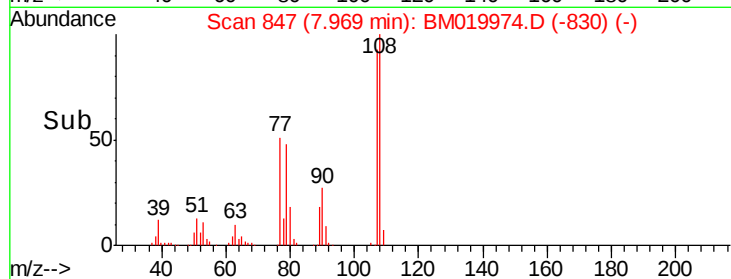
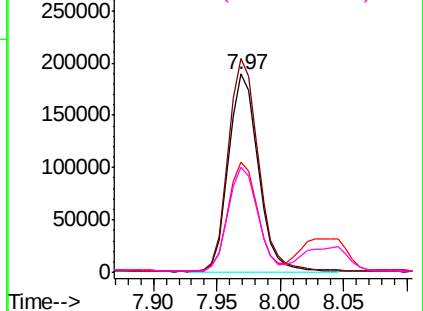
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

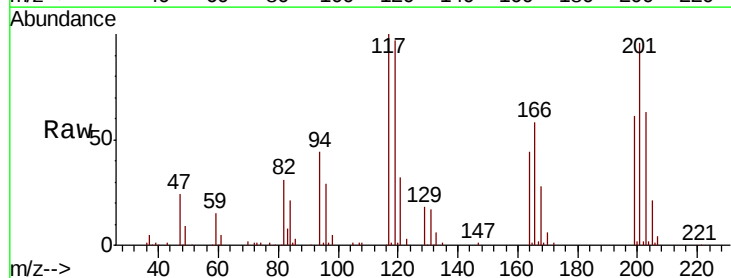
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 37.079 ng
RT: 8.55 min Scan# 946
Delta R.T. -0.01 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion:	117	Resp:	141166
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.6	116.4
201	95.5	75.4	113.2

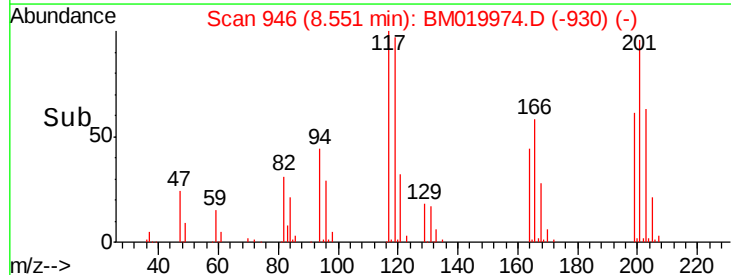
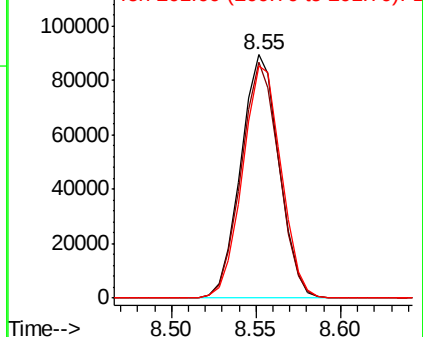


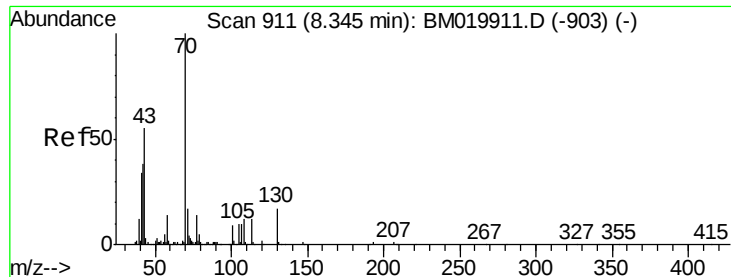
Abundance

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

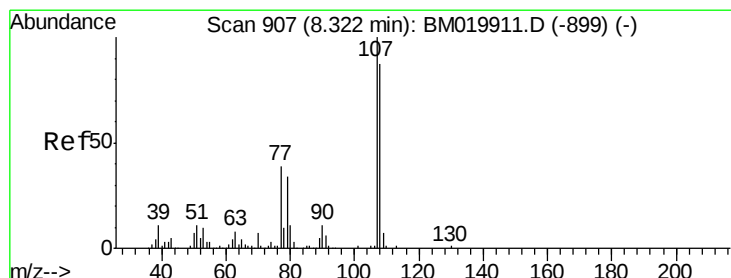
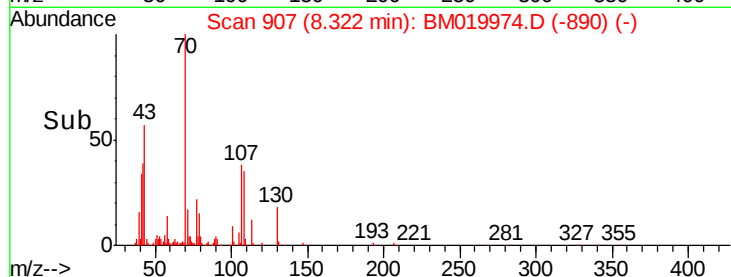
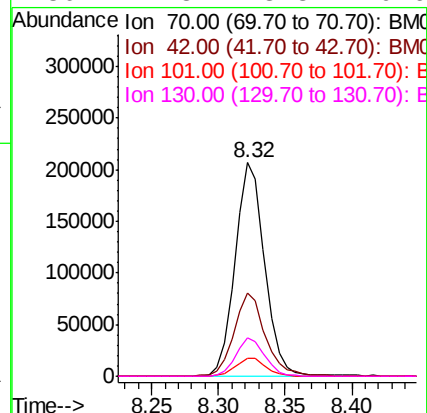
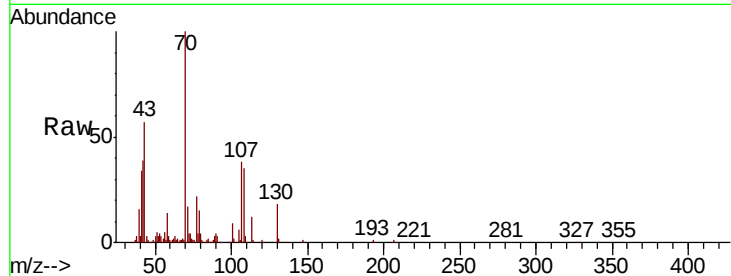




#19
n-Nitroso-di-n-propylamine
Concen: 32.639 ng
RT: 8.32 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

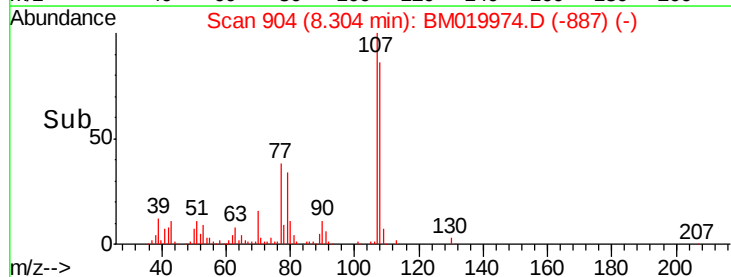
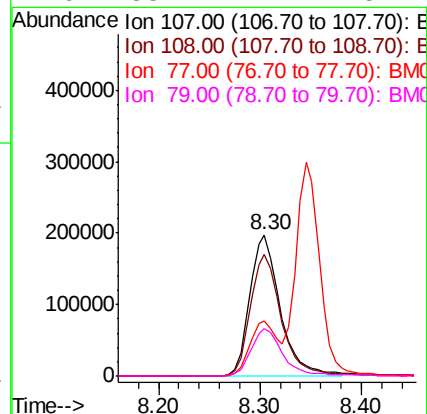
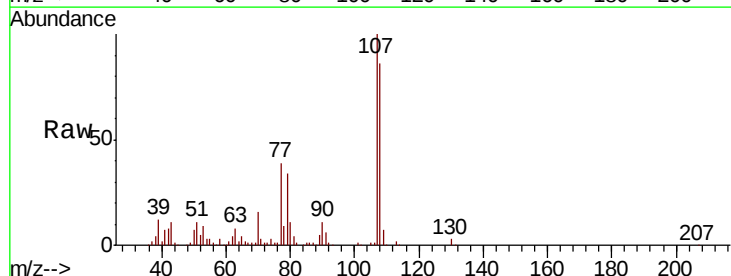
Instrument :
BNA_M
ClientSampleId :
PB118962BS

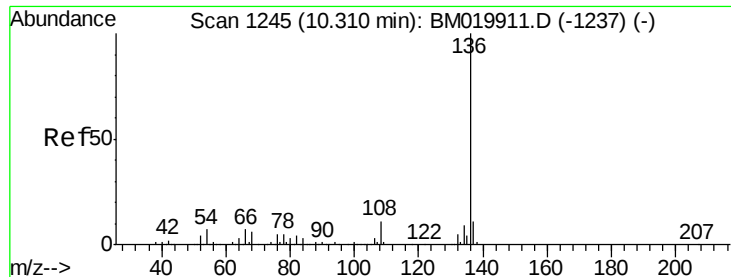
Tgt Ion: 70 Resp: 319233
Ion Ratio Lower Upper
70 100
42 39.0 30.3 45.5
101 8.5 6.9 10.3
130 17.8 13.8 20.6



#20
3+4-Methylphenols
Concen: 37.260 ng
RT: 8.30 min Scan# 904
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion: 107 Resp: 411818
Ion Ratio Lower Upper
107 100
108 86.2 67.4 107.4
77 38.7 19.7 59.7
79 33.7 14.1 54.1

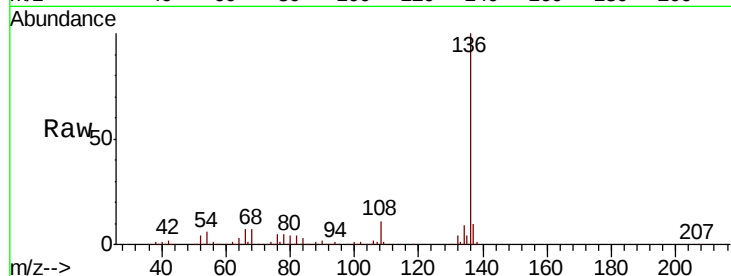




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Instrument :
BNA_M
ClientSampleId :
PB118962BS

Tgt Ion:	136	Resp:	486607
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	6.5	5.3	7.9
68	6.7	5.2	7.8



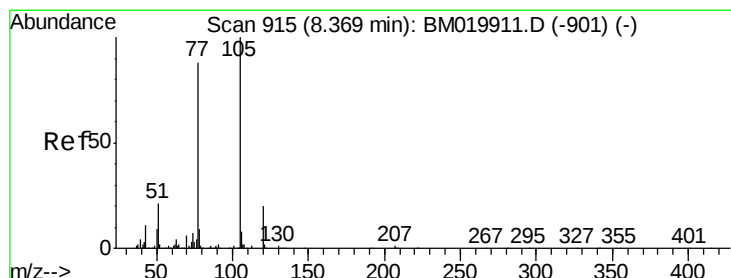
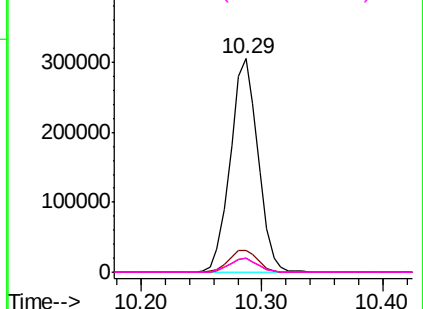
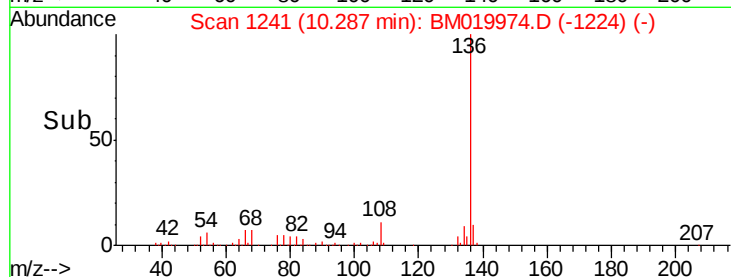
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

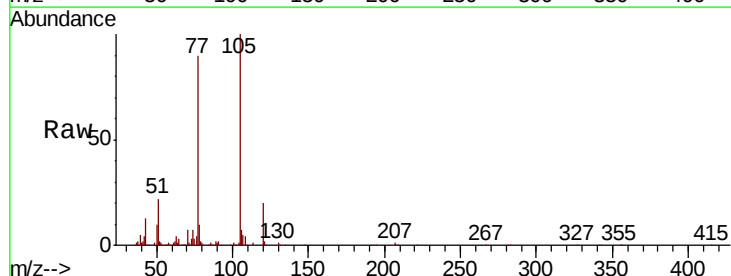
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 40.872 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion:	105	Resp:	541705
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.8	1.2
51	21.6	16.9	25.3
120	20.3	16.4	24.6



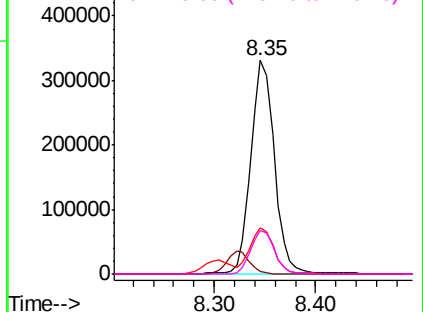
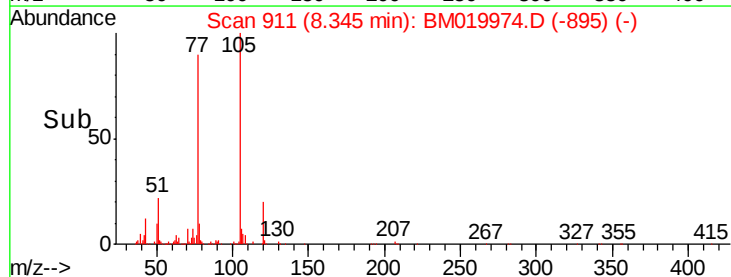
Abundance

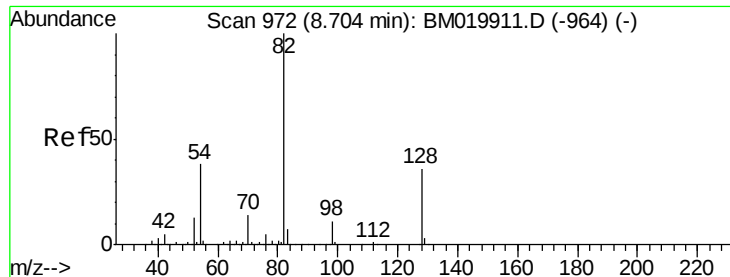
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

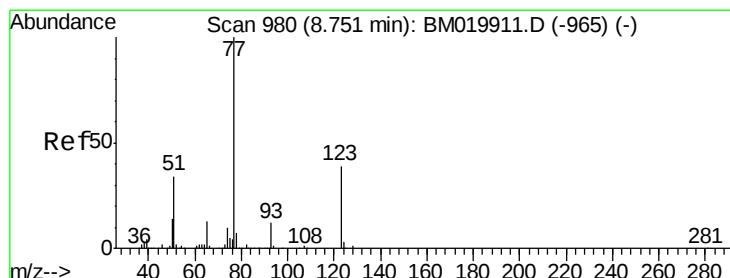
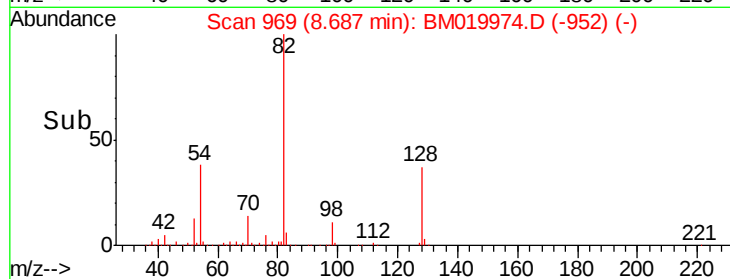
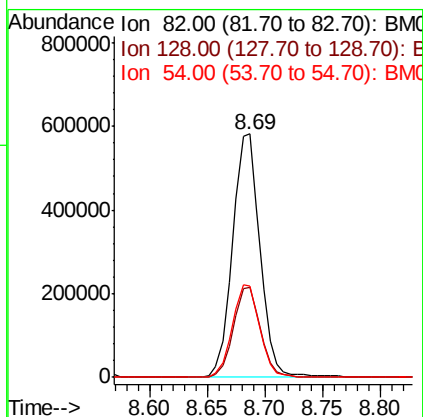
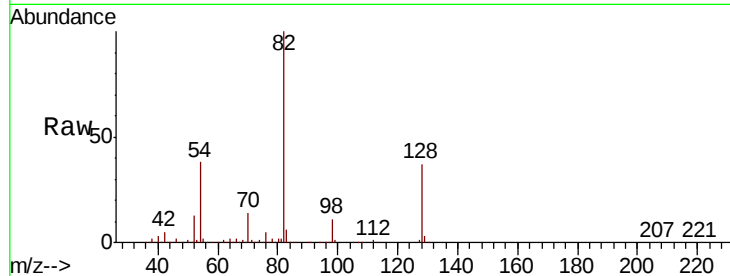




#23
 Nitrobenzene-d5
 Concen: 87.928 ng
 RT: 8.69 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

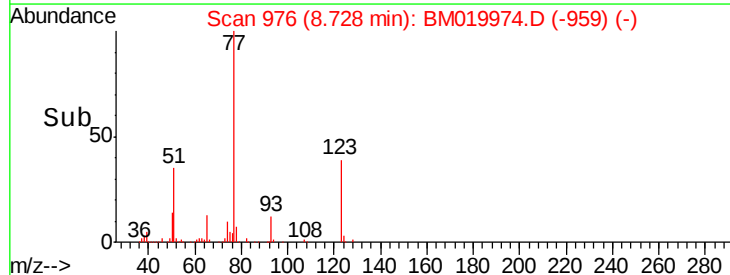
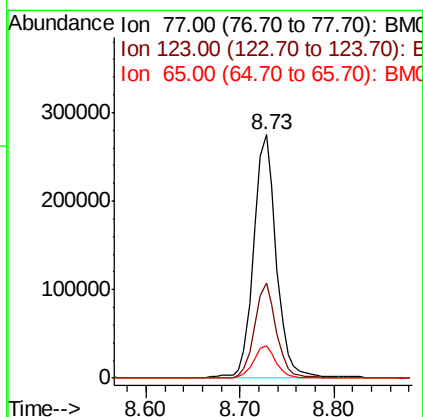
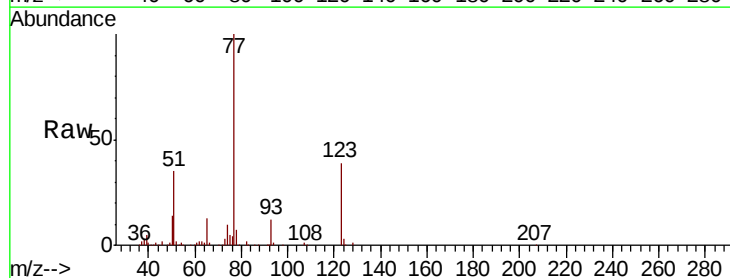
Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

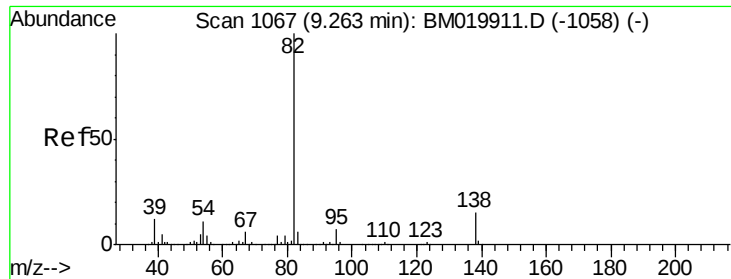
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.0	43.4
54	37.7	30.2	45.4



#24
 Nitrobenzene
 Concen: 40.561 ng
 RT: 8.73 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	31.0	46.4
65	13.2	10.6	16.0

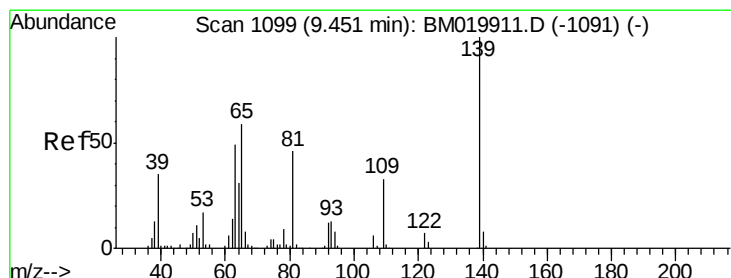
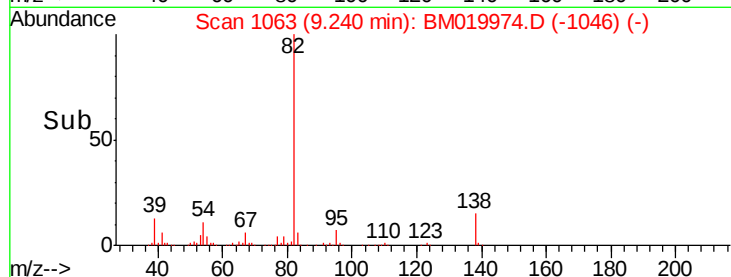
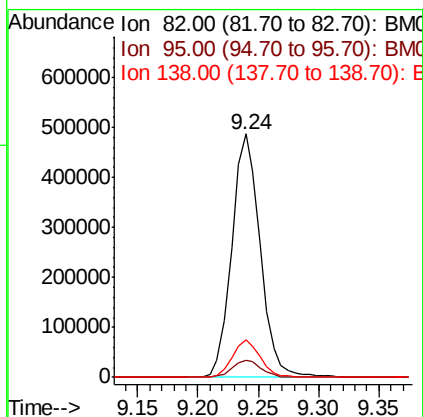
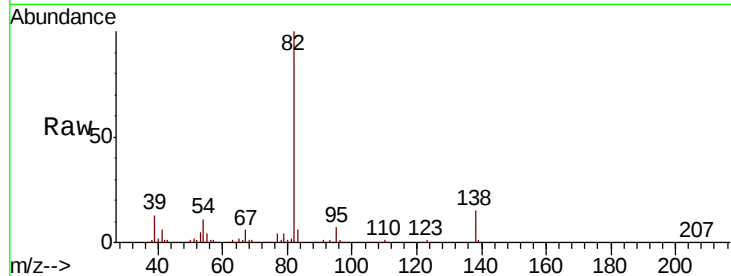




#25
Isophorone
Concen: 37.836 ng
RT: 9.24 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

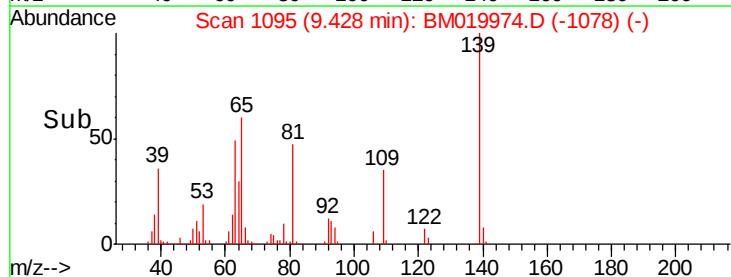
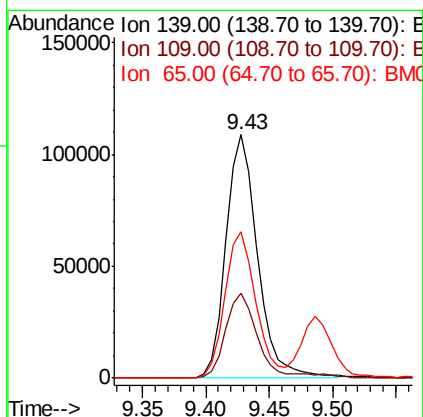
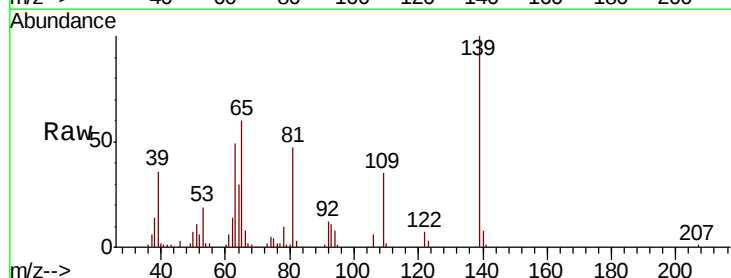
Instrument :
BNA_M
ClientSampleId :
PB118962BS

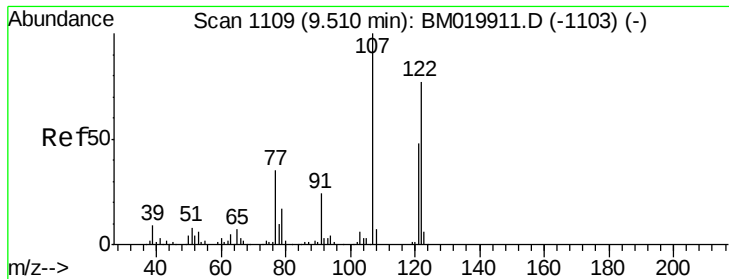
Tgt Ion: 82 Resp: 801399
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 15.4 12.2 18.2



#26
2-Nitrophenol
Concen: 39.051 ng
RT: 9.43 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion: 139 Resp: 187579
Ion Ratio Lower Upper
139 100
109 34.7 26.3 39.5
65 60.0 47.4 71.2

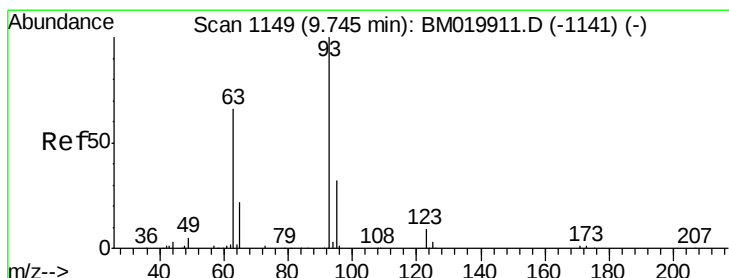
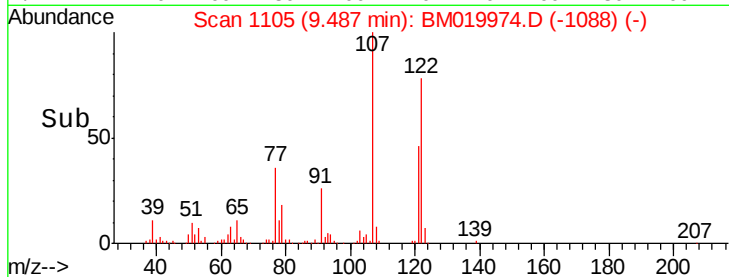
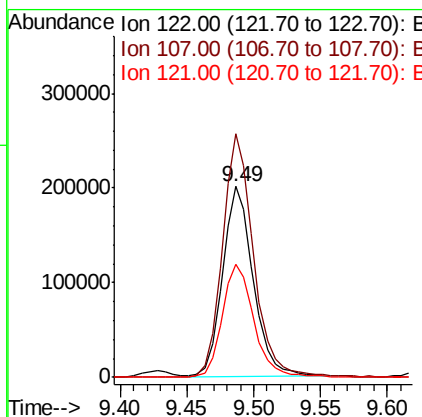
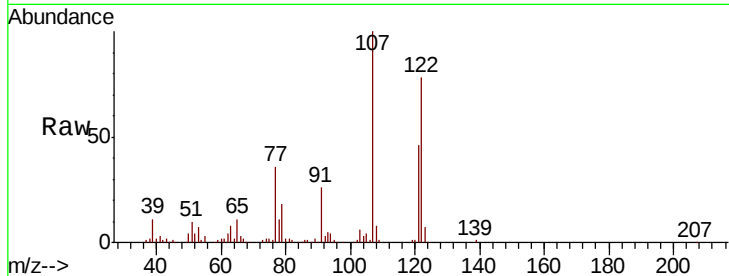




#27
 2,4-Dimethylphenol
 Concen: 47.724 ng
 RT: 9.49 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

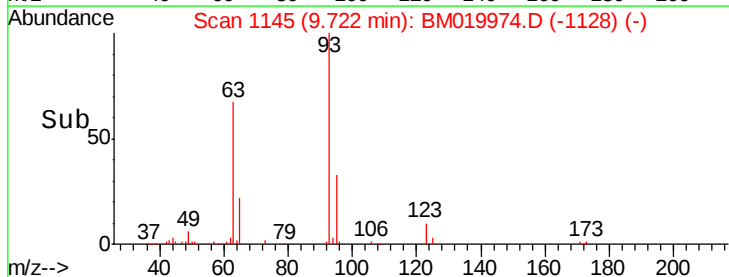
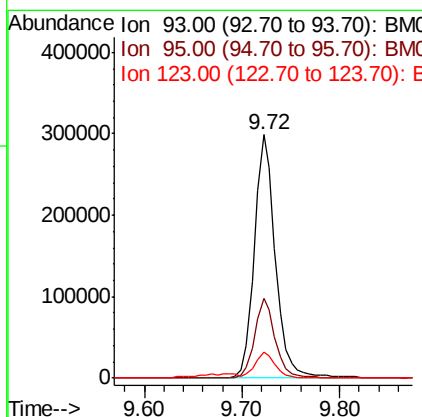
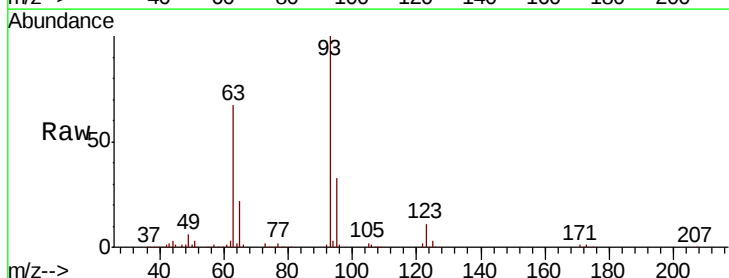
Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

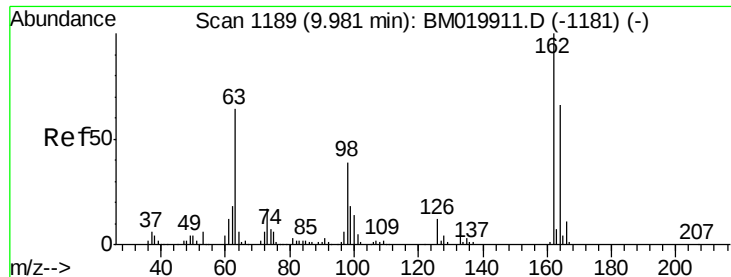
Tgt Ion: 122 Resp: 324128
 Ion Ratio Lower Upper
 122 100
 107 127.5 103.1 154.7
 121 59.0 49.8 74.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.331 ng
 RT: 9.72 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion: 93 Resp: 454633
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.8 38.8
 123 10.7 8.2 12.2

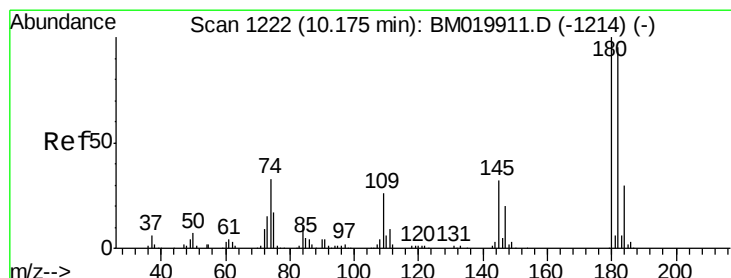
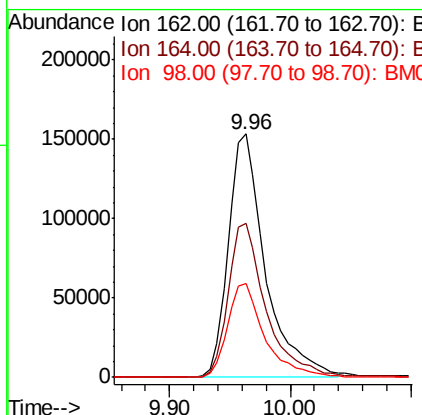
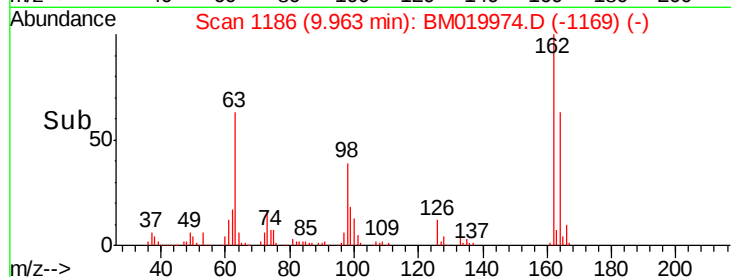
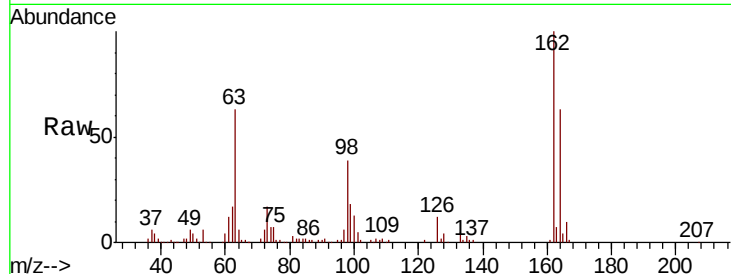




#29
2,4-Dichlorophenol
Concen: 42.429 ng
RT: 9.96 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

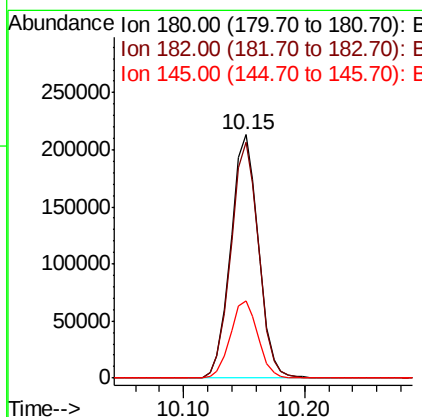
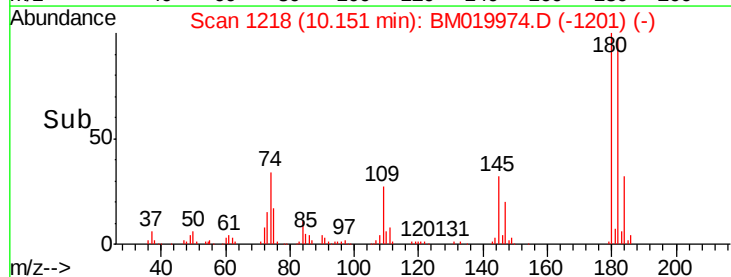
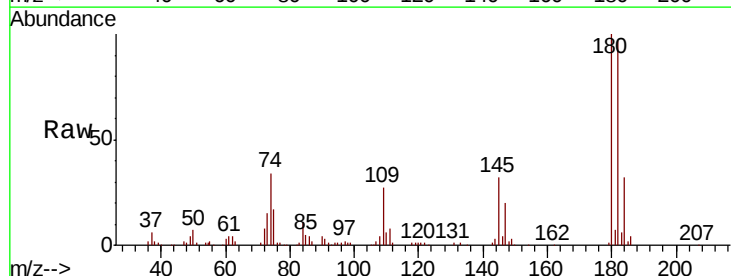
Instrument :
BNA_M
ClientSampleId :
PB118962BS

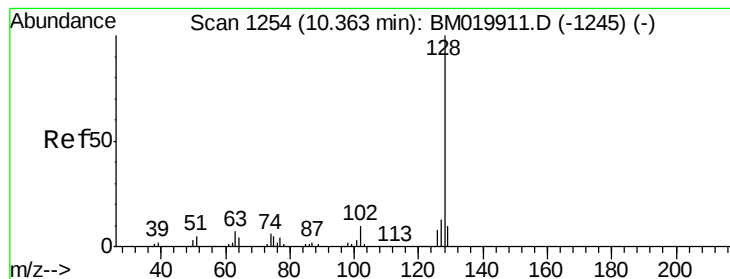
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.3	86.3
98	38.7	19.2	59.2



#30
1,2,4-Trichlorobenzene
Concen: 41.096 ng
RT: 10.15 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.3	114.5
145	31.8	25.5	38.3





#31

Naphthalene

Concen: 39.985 ng

RT: 10.33 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

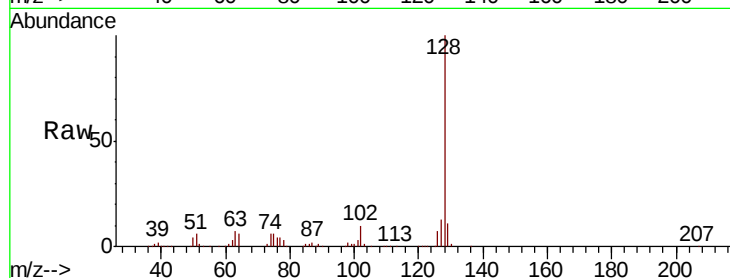
Tgt Ion:128 Resp: 1043614

Ion Ratio Lower Upper

128 100

129 11.0 8.3 12.5

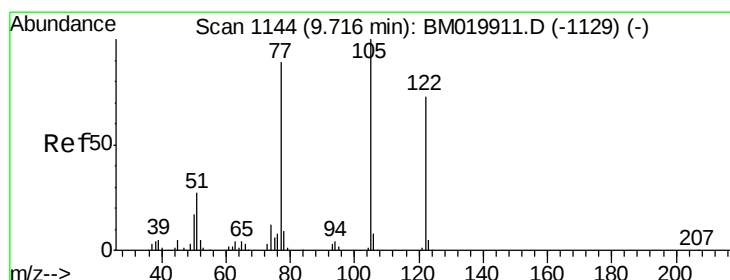
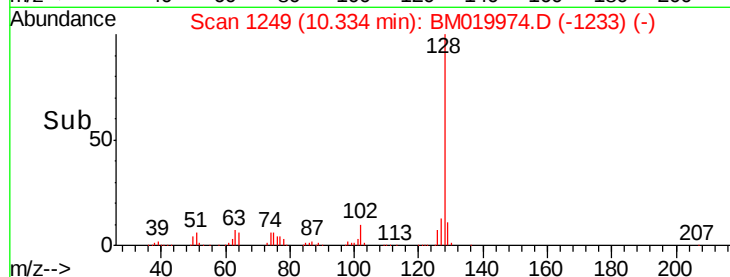
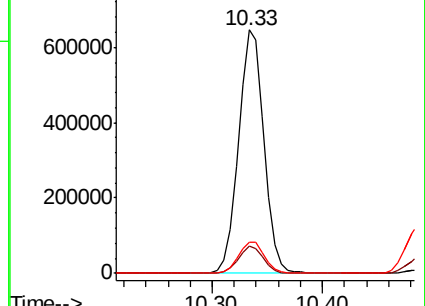
127 12.7 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.221 ng

RT: 9.69 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

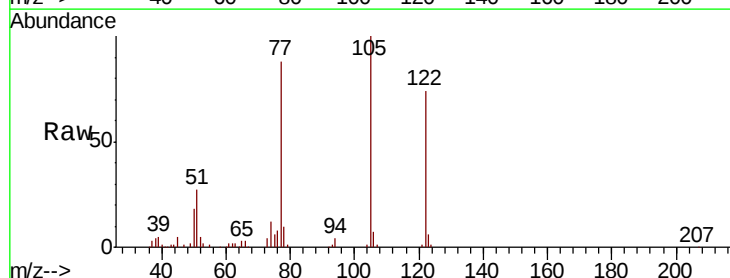
Tgt Ion:122 Resp: 201368

Ion Ratio Lower Upper

122 100

105 134.7 114.8 154.8

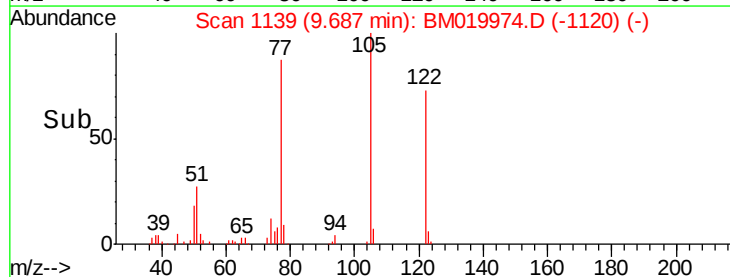
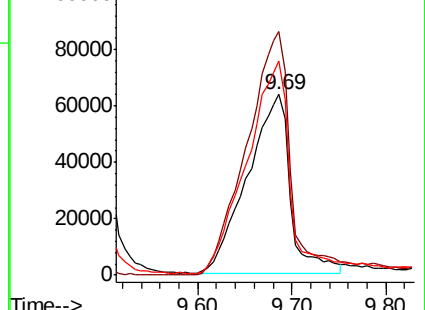
77 118.2 100.2 140.2

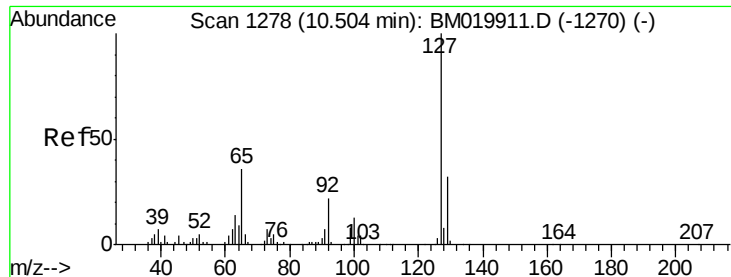


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

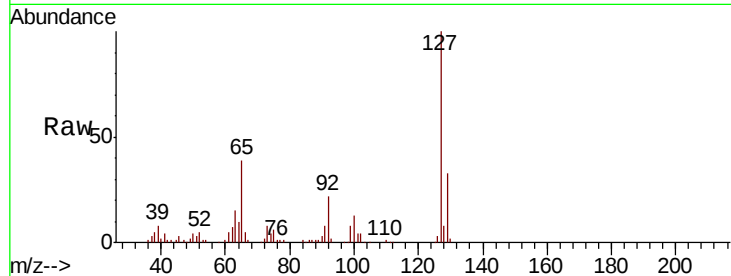




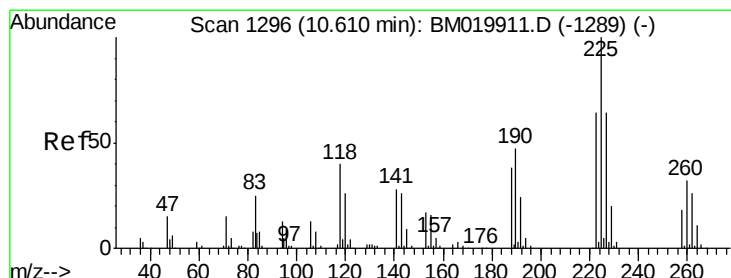
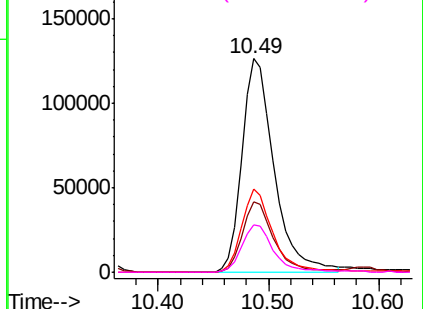
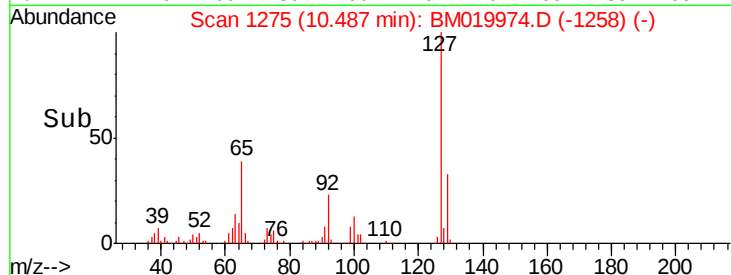
#33
4-Chloroaniline
Concen: 24.147 ng
RT: 10.49 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Instrument :
BNA_M
ClientSampleId :
PB118962BS

Tgt Ion:	127	Resp:	259635
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.0
65	38.8	29.2	43.8
92	22.5	17.5	26.3

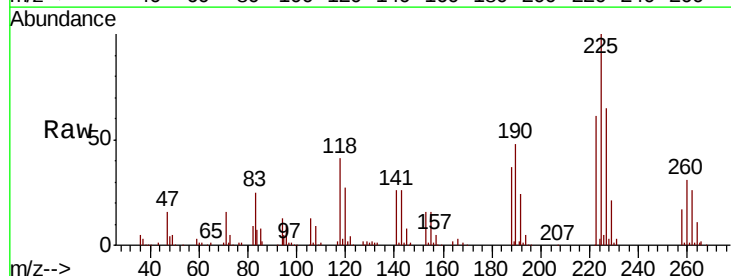


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

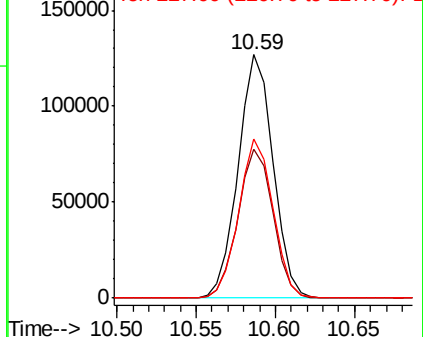
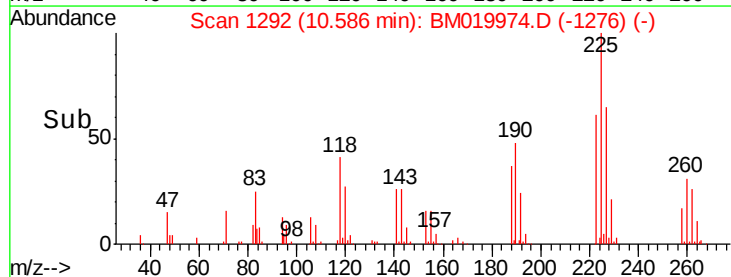


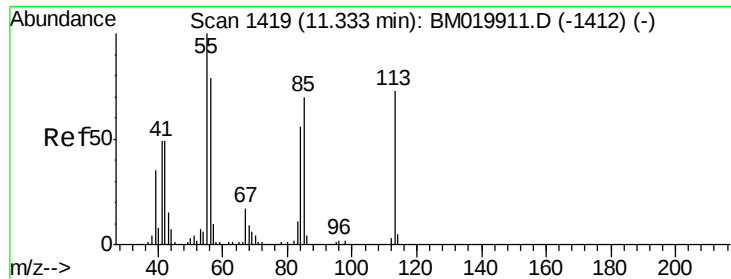
#34
Hexachlorobutadiene
Concen: 39.651 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion:	225	Resp:	194147
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.4	77.2
227	65.1	51.0	76.6



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: 26.560 ng

RT: 11.32 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

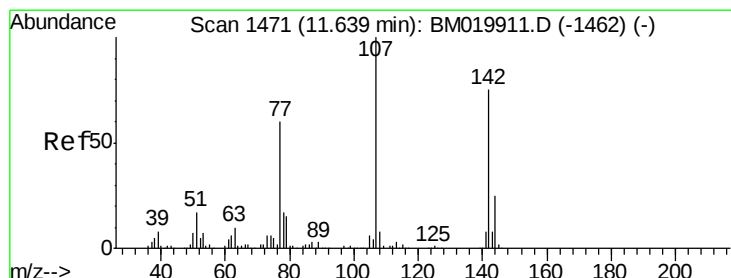
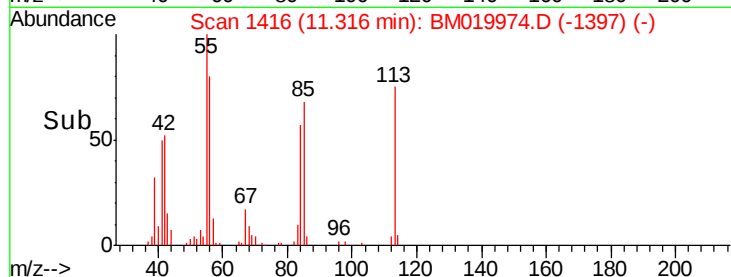
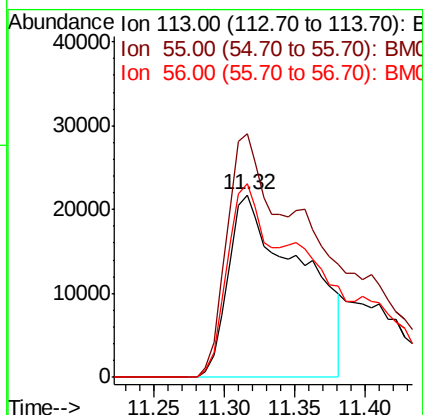
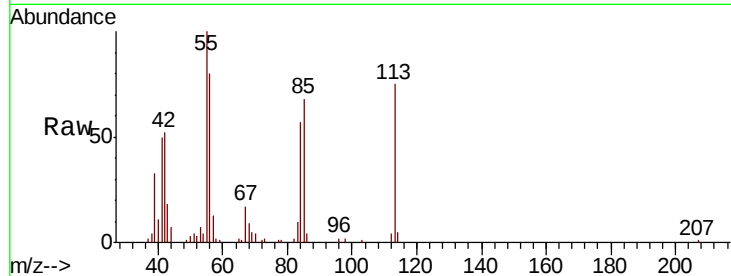
Tgt Ion:113 Resp: 77548

Ion Ratio Lower Upper

113 100

55 133.4 117.1 157.1

56 106.1 88.2 128.2



#36

4-Chloro-3-methylphenol

Concen: 40.062 ng

RT: 11.62 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

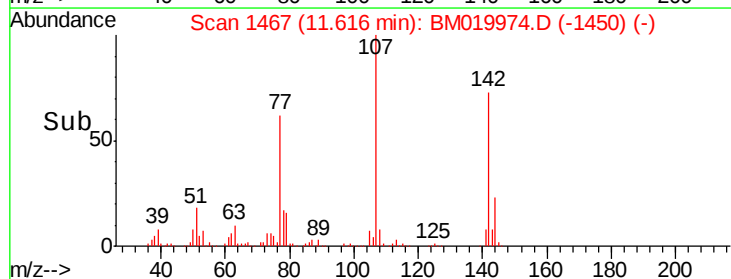
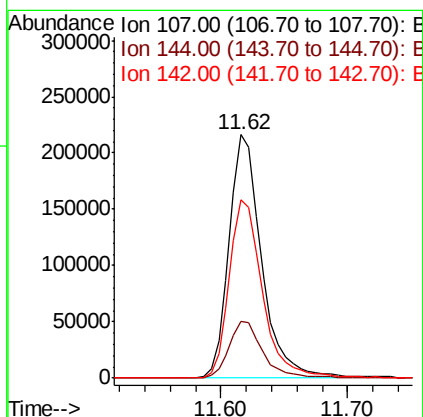
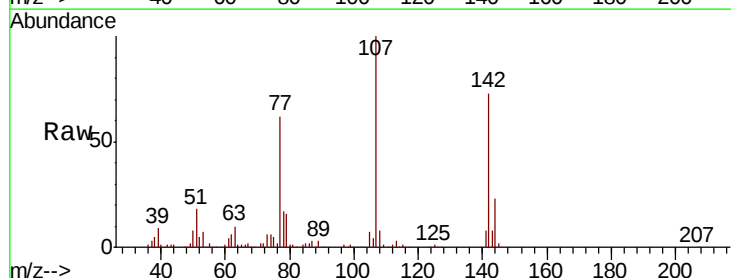
Tgt Ion:107 Resp: 383969

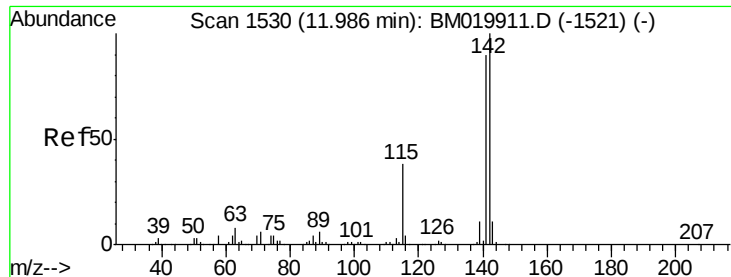
Ion Ratio Lower Upper

107 100

144 23.4 19.8 29.8

142 73.5 60.3 90.5

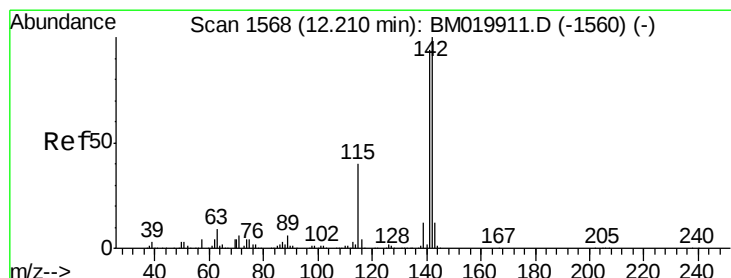
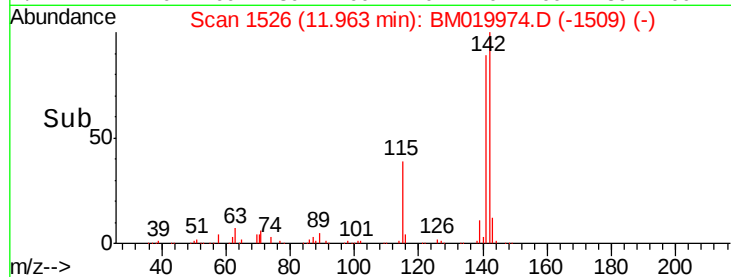
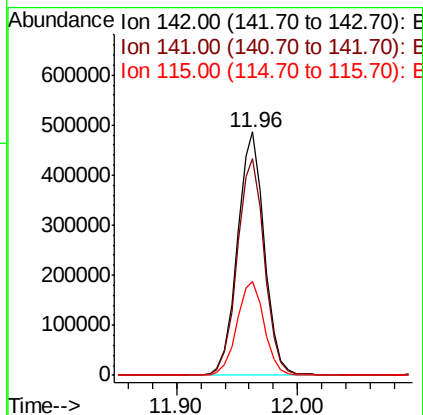
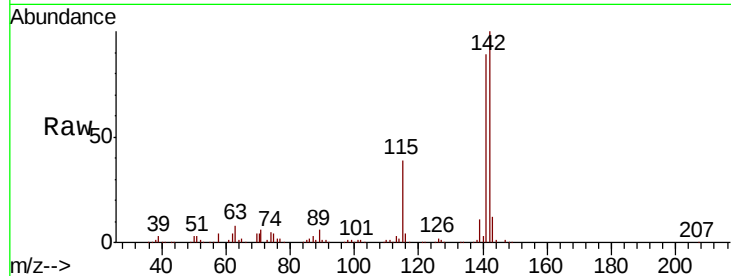




#37
 2-Methylnaphthalene
 Concen: 39.729 ng
 RT: 11.96 min Scan# 1526
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

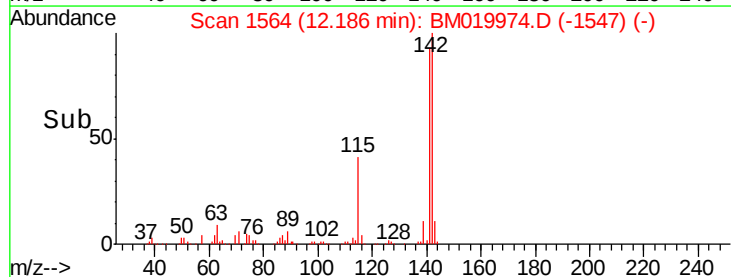
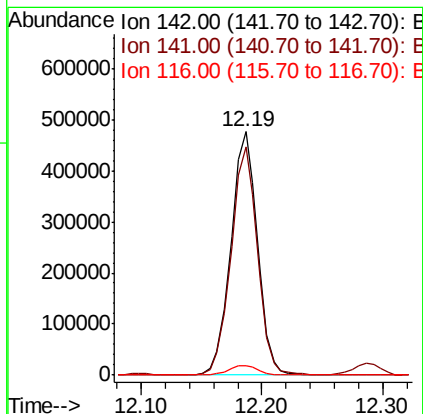
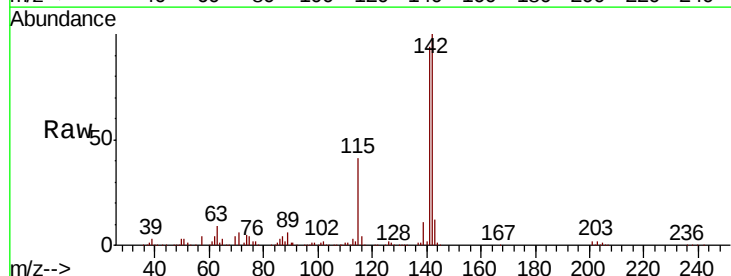
Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

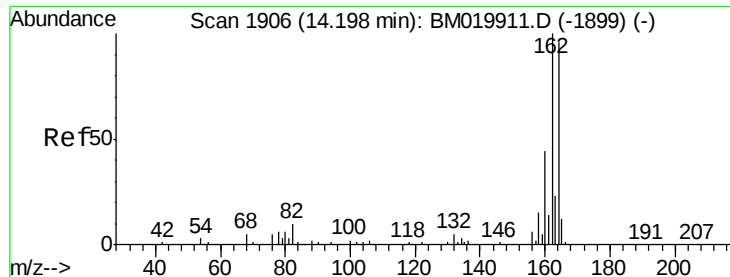
Tgt Ion:142 Resp: 754926
 Ion Ratio Lower Upper
 142 100
 141 89.3 72.3 108.5
 115 38.8 30.5 45.7



#38
 1-Methylnaphthalene
 Concen: 38.636 ng
 RT: 12.19 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion:142 Resp: 724891
 Ion Ratio Lower Upper
 142 100
 141 93.7 75.7 113.5
 116 4.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

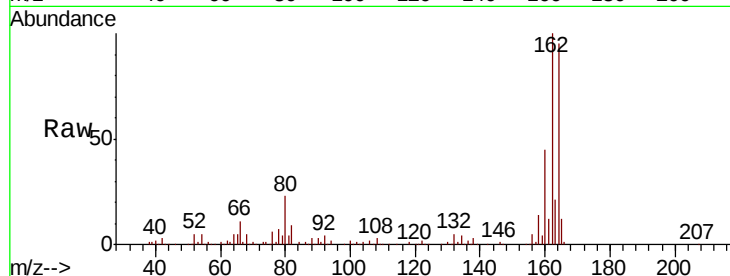
Tgt Ion:164 Resp: 278743

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

160 46.7 36.6 55.0

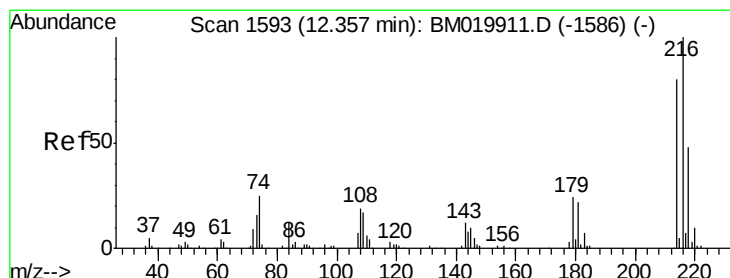
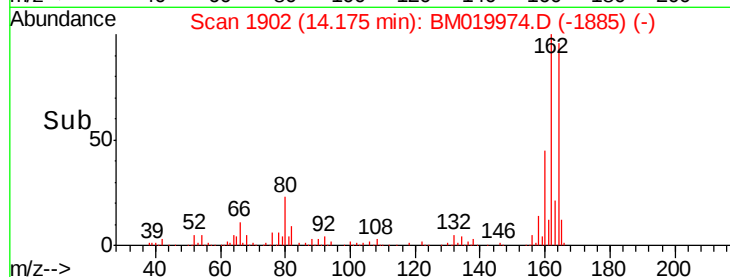
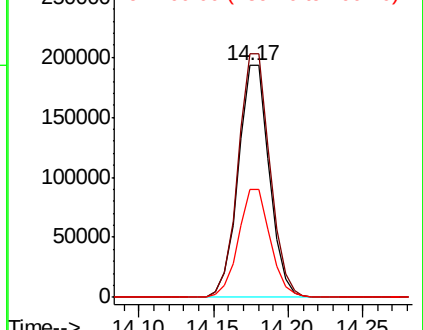


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.918 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Tgt Ion:216 Resp: 351855

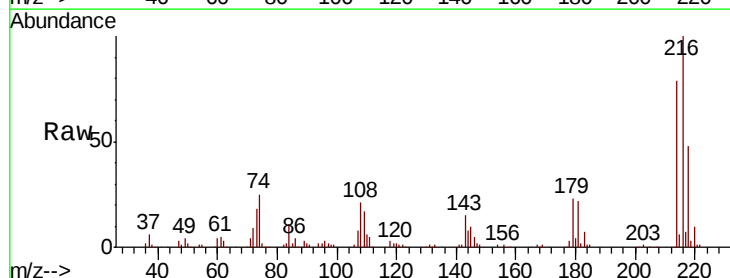
Ion Ratio Lower Upper

216 100

214 79.4 63.1 94.7

179 23.5 19.0 28.6

108 20.3 16.3 24.5



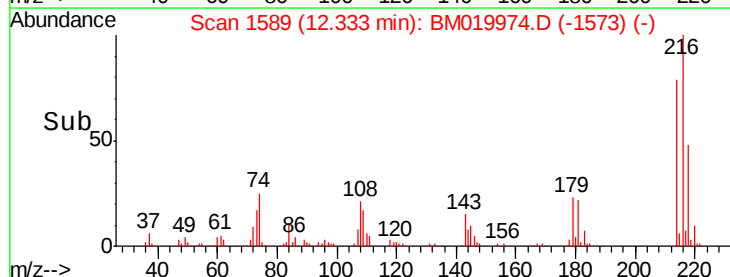
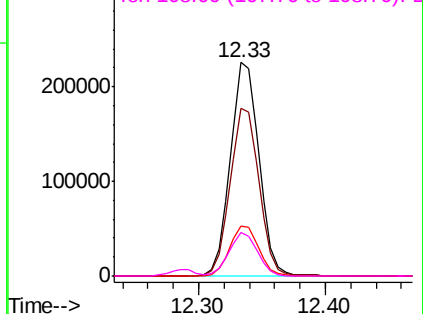
Abundance

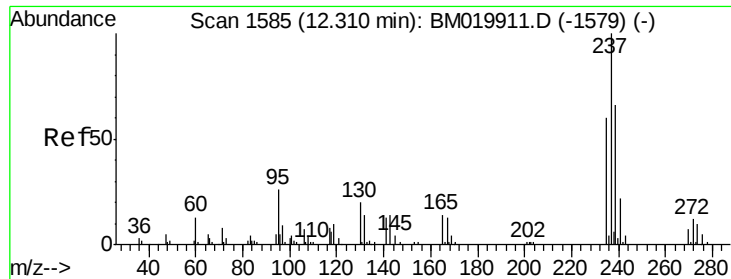
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 81.253 ng

RT: 12.29 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

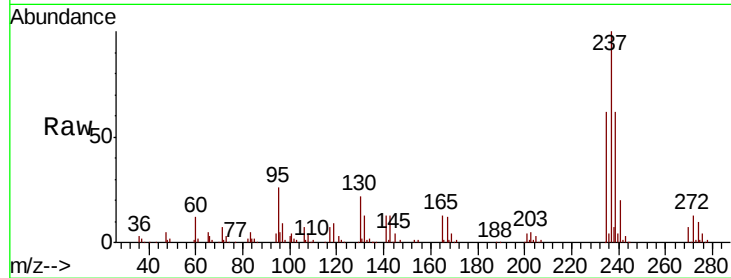
Tgt Ion: 237 Resp: 248019

Ion Ratio Lower Upper

237 100

235 62.1 40.4 80.4

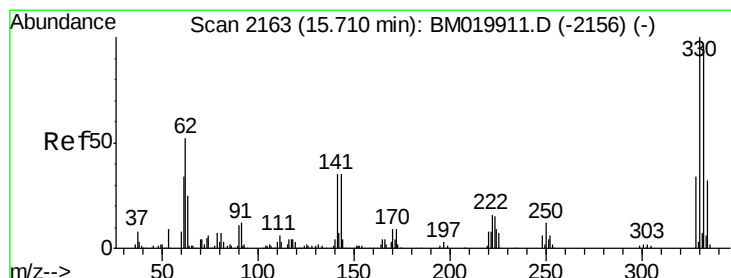
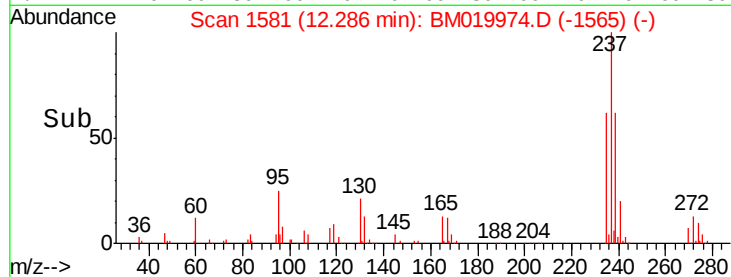
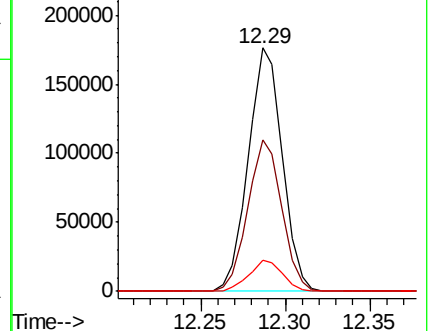
272 12.7 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 134.785 ng

RT: 15.69 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

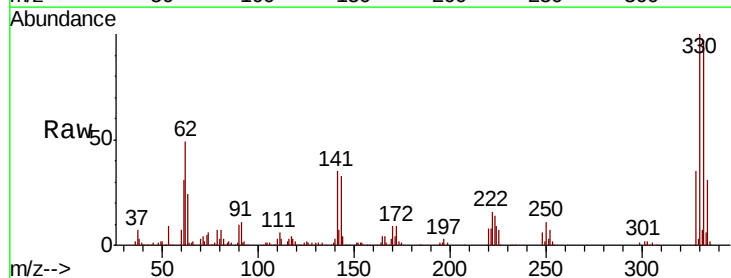
Tgt Ion: 330 Resp: 604777

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

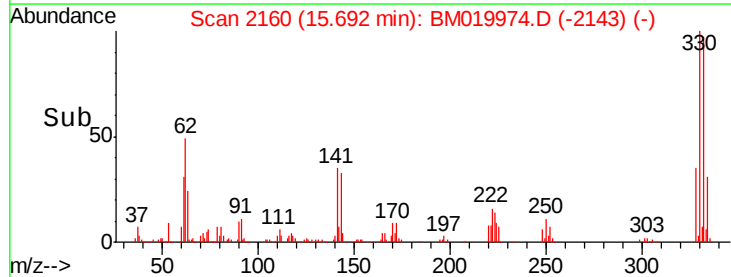
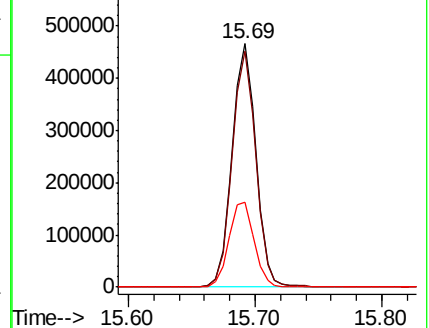
141 37.1 29.0 43.4

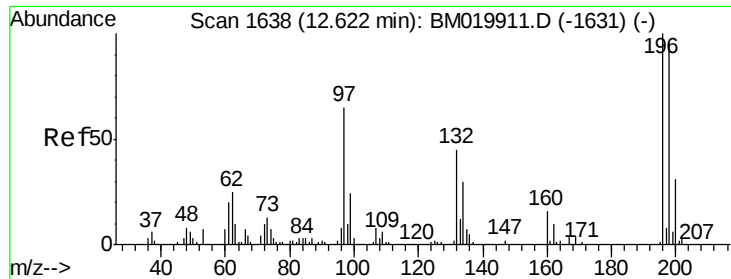


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

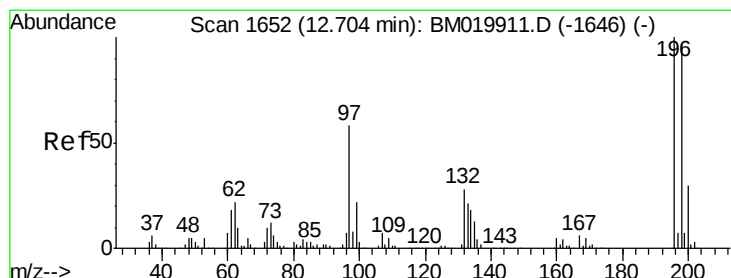
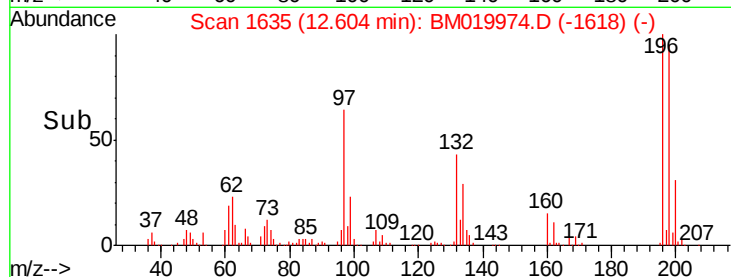
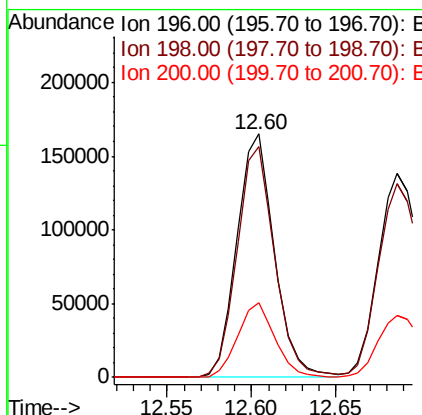
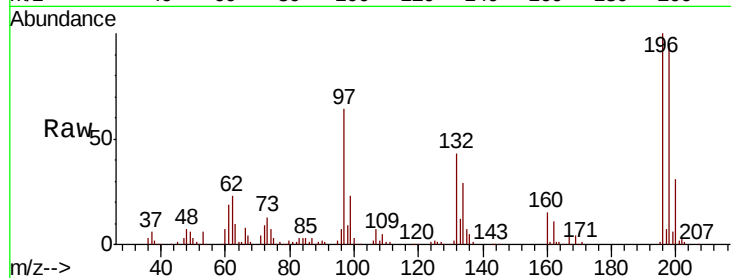




#43
 2,4,6-Trichlorophenol
 Concen: 43.728 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

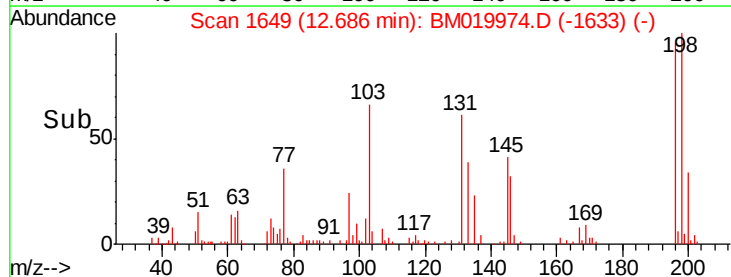
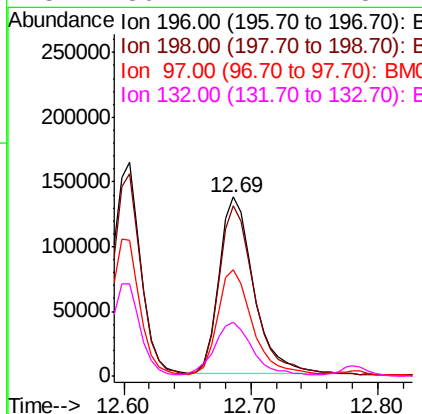
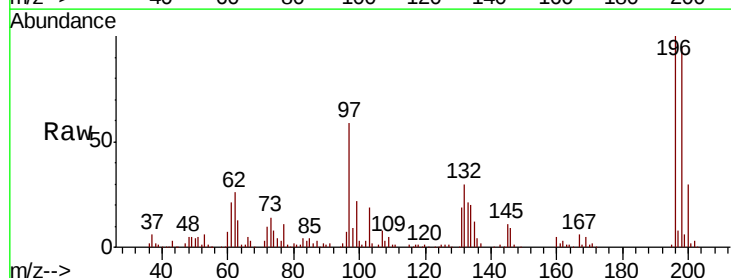
Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

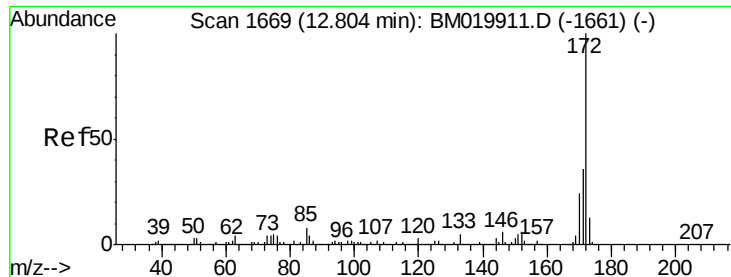
Tgt Ion:196 Resp: 254930
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.8 115.2
 200 30.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.412 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion:196 Resp: 257343
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.8 116.8
 97 59.4 46.2 69.2
 132 30.1 22.7 34.1

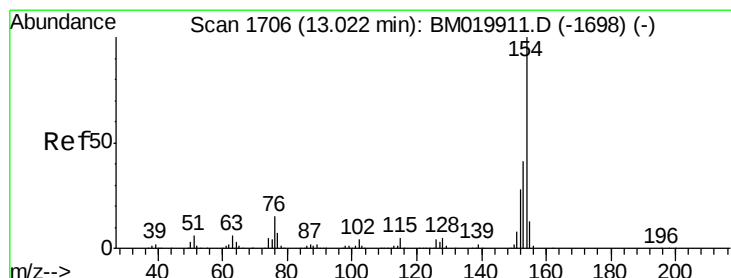
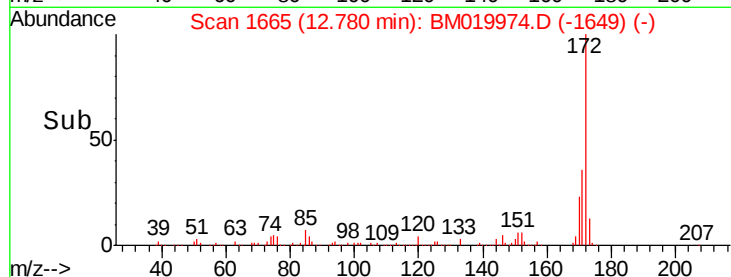
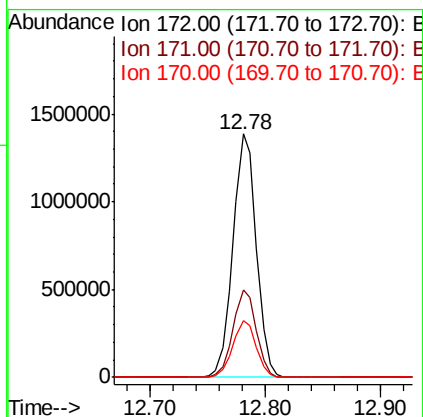
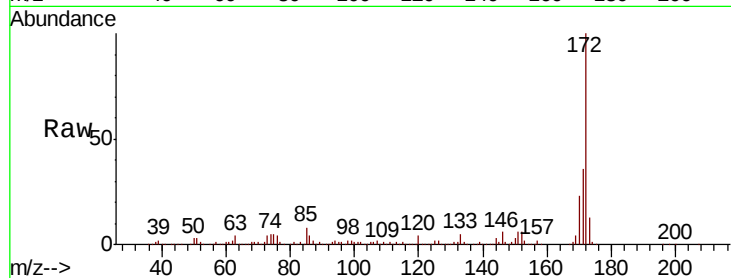




#45
 2-Fluorobiphenyl
 Concen: 86.593 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

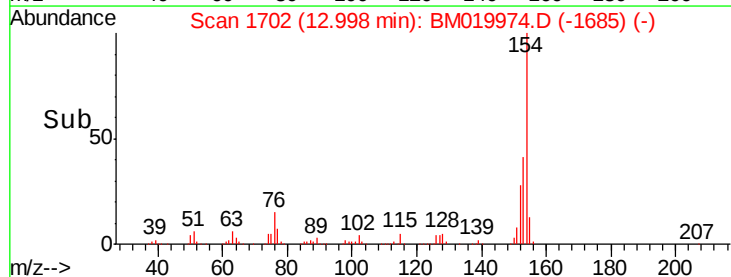
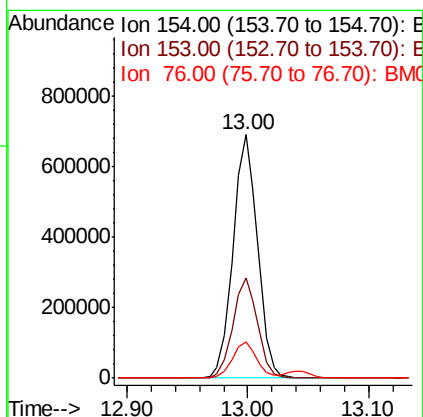
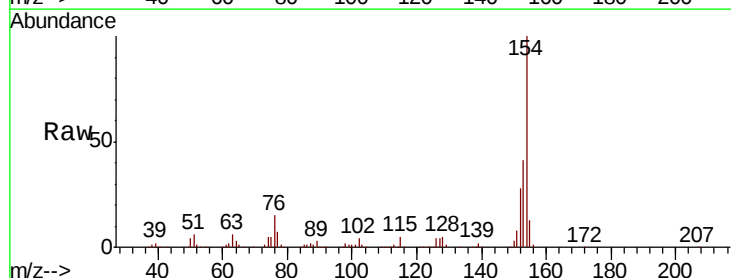
Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

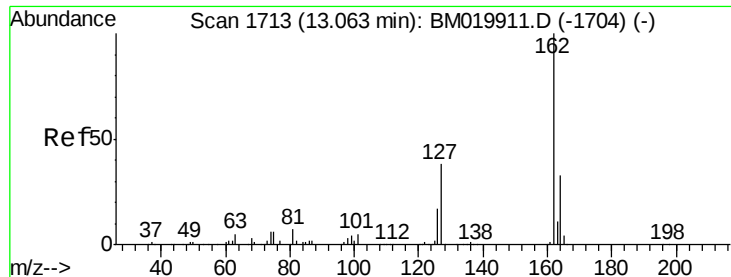
Tgt Ion:172 Resp: 1936806
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.5 19.0 28.4



#46
 1,1'-Biphenyl
 Concen: 40.426 ng
 RT: 13.00 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion:154 Resp: 975988
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.0 61.0
 76 14.9 0.0 34.8

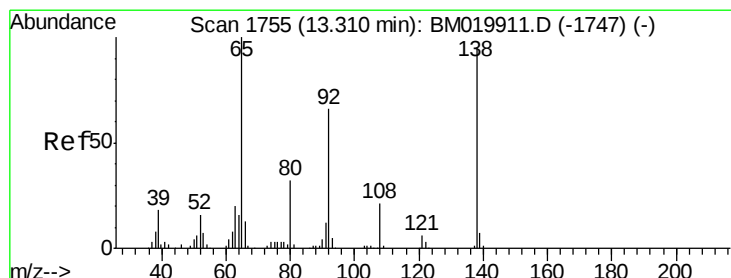
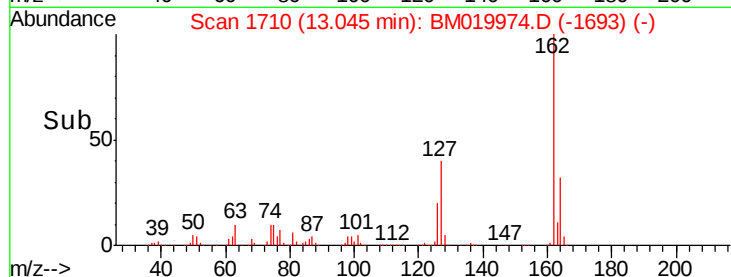
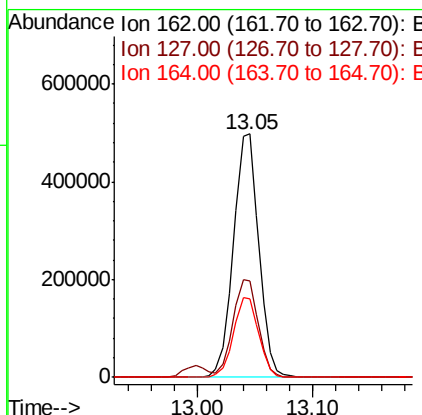
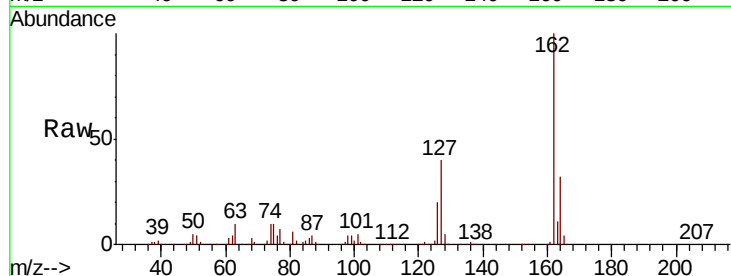




#47
 2-Chloronaphthalene
 Concen: 41.094 ng
 RT: 13.05 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

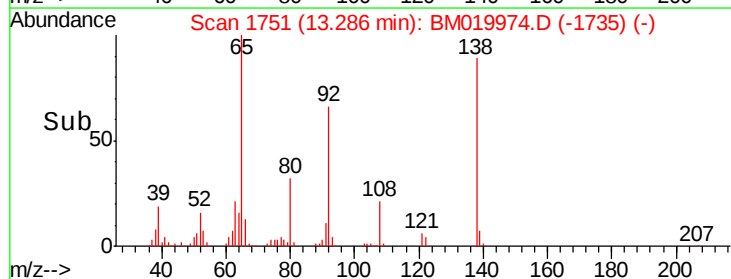
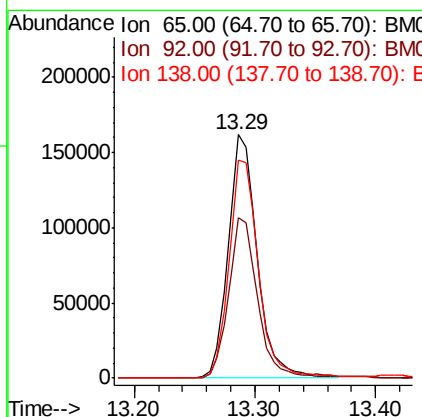
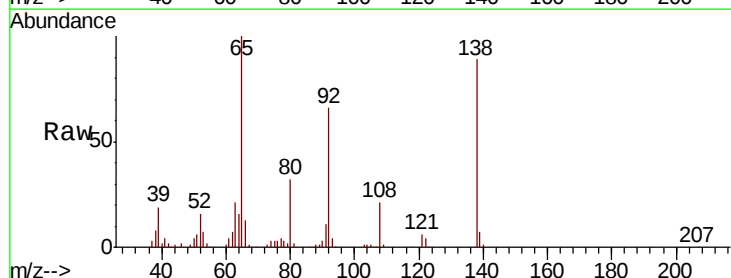
Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

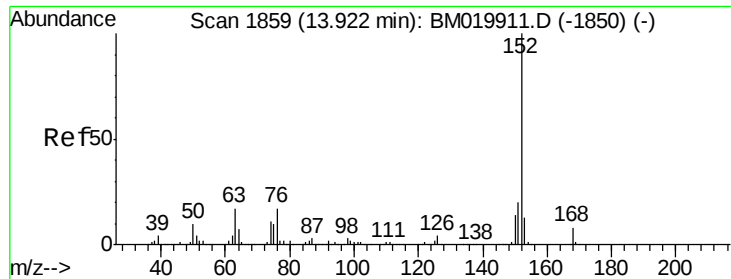
Tgt Ion:	162	Resp:	756761
Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.3	48.5
164	32.3	26.3	39.5



#48
 2-Nitroaniline
 Concen: 40.936 ng
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion:	65	Resp:	271730
Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.9	79.3
138	89.3	75.8	113.6





#49

Acenaphthylene

Concen: 38.980 ng

RT: 13.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

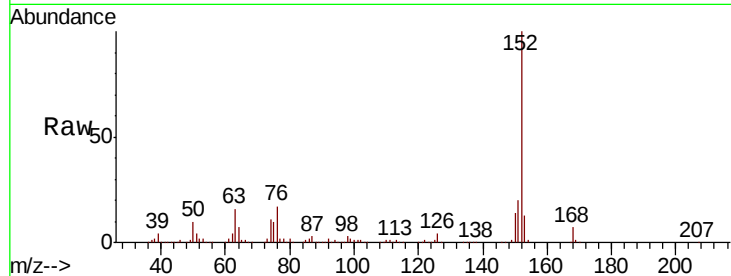
Tgt Ion:152 Resp: 1248989

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

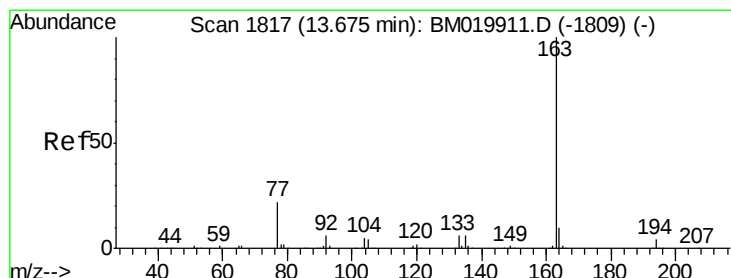
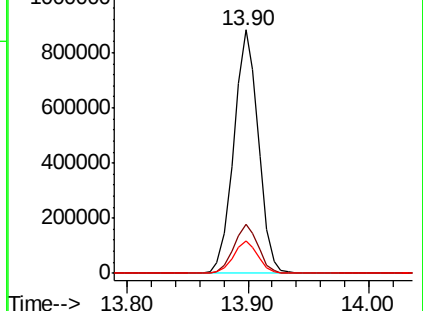
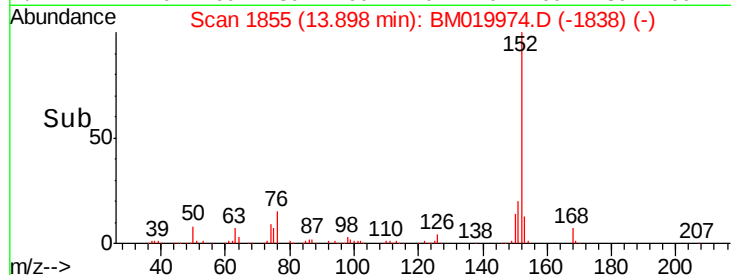
153 13.3 10.6 16.0



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



#50

Dimethylphthalate

Concen: 40.502 ng

RT: 13.65 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

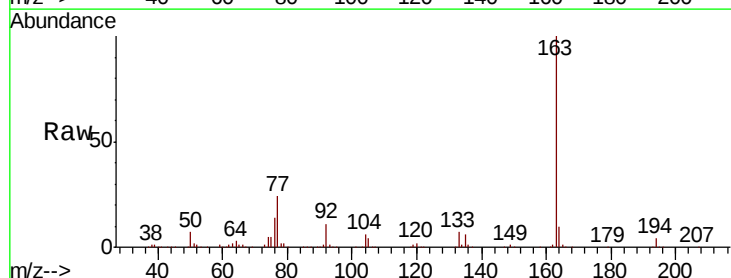
Tgt Ion:163 Resp: 995825

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

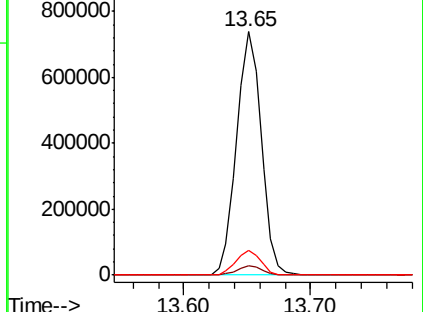
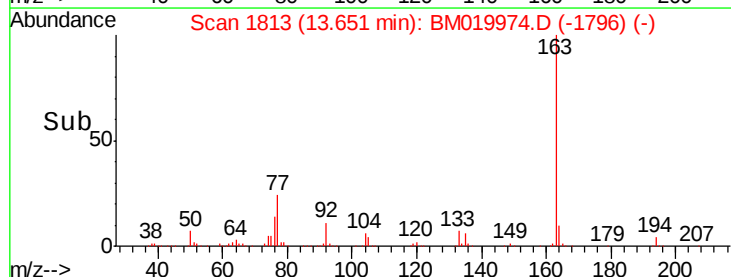
164 10.1 7.9 11.9

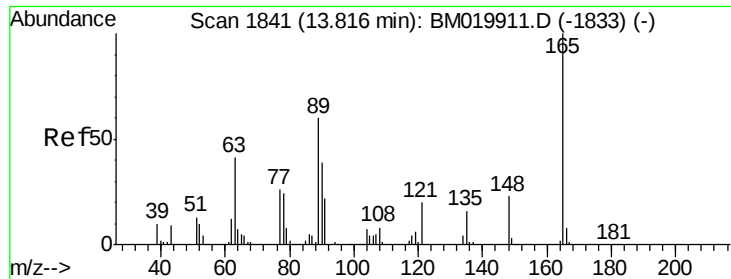


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

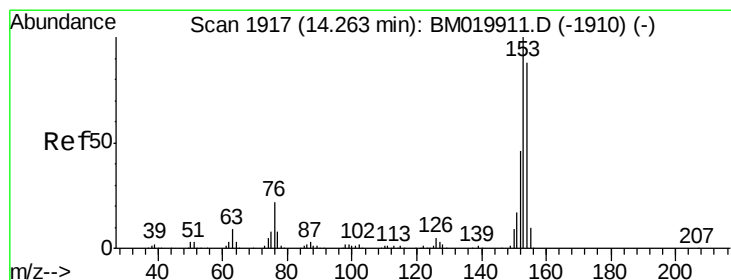
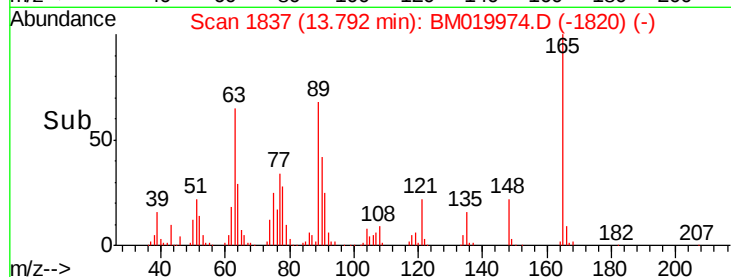
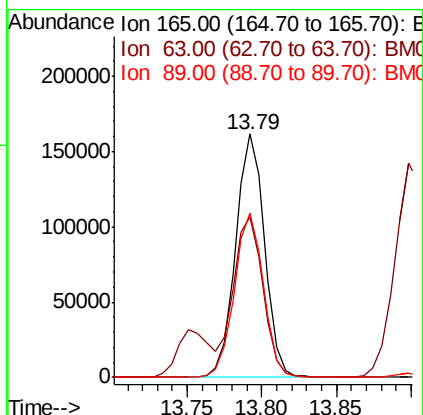
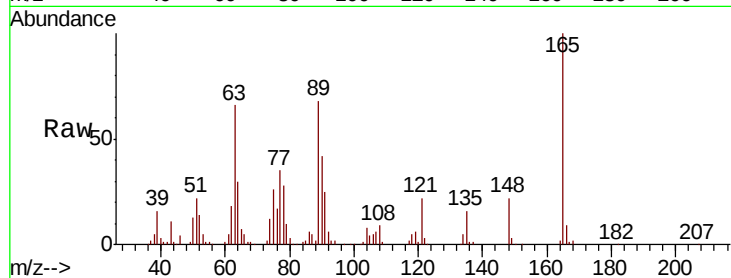




#51
 2,6-Dinitrotoluene
 Concen: 39.925 ng
 RT: 13.79 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

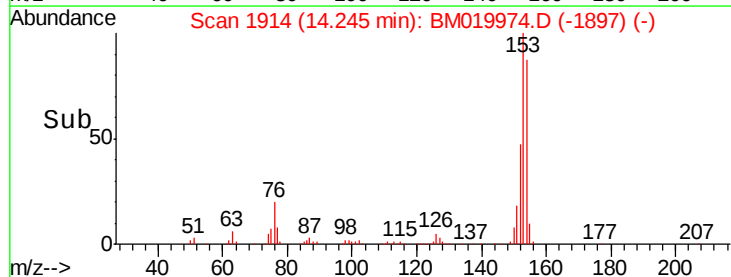
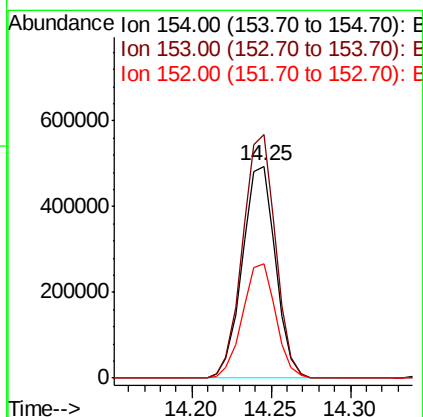
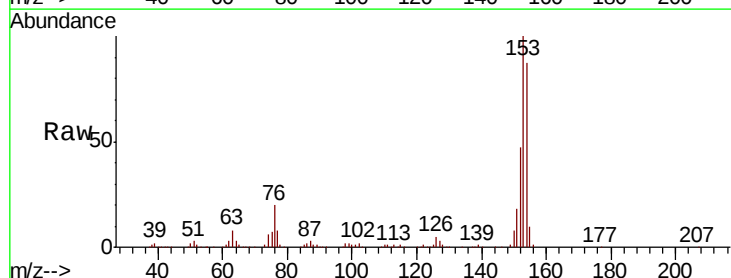
Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

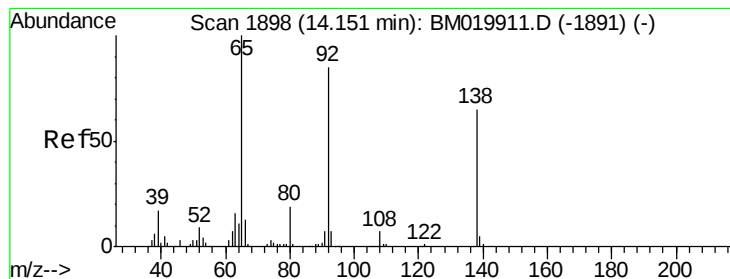
Tgt Ion:165 Resp: 217067
 Ion Ratio Lower Upper
 165 100
 63 65.7 48.5 72.7
 89 67.7 48.2 72.4



#52
 Acenaphthene
 Concen: 40.378 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion:154 Resp: 717355
 Ion Ratio Lower Upper
 154 100
 153 114.8 91.0 136.4
 152 53.9 42.2 63.2





#53

3-Nitroaniline

Concen: 29.231 ng

RT: 14.13 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

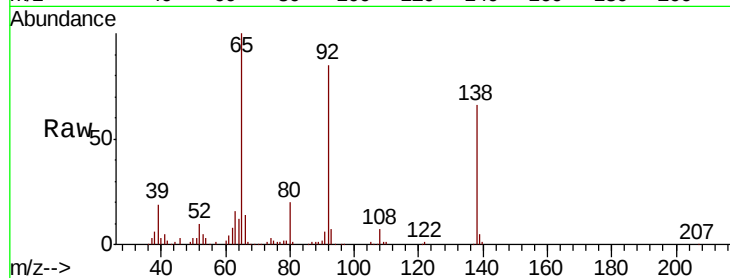
Tgt Ion:138 Resp: 158692

Ion Ratio Lower Upper

138 100

108 10.6 8.9 13.3

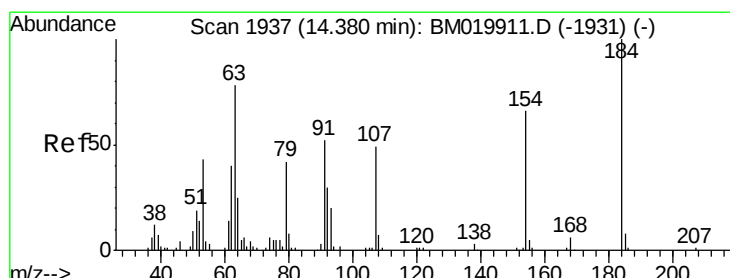
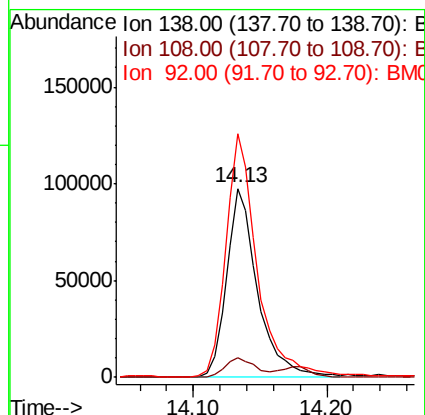
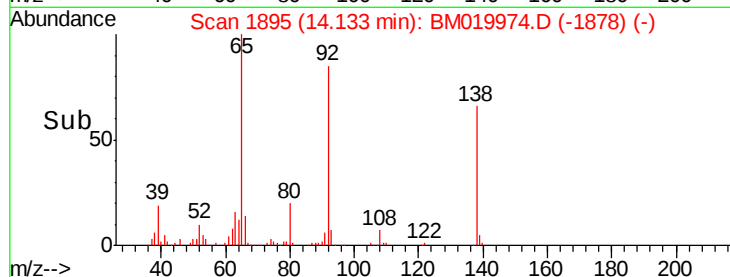
92 128.7 103.8 155.8



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



#54

2,4-Dinitrophenol

Concen: 71.198 ng

RT: 14.36 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

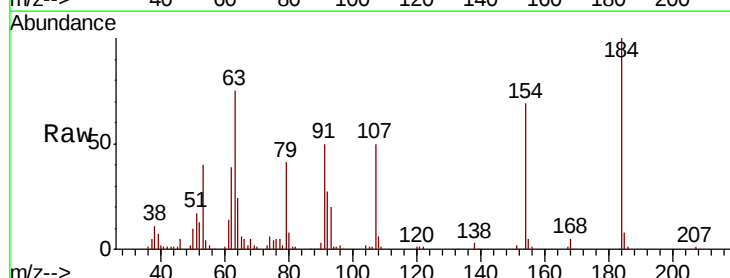
Tgt Ion:184 Resp: 228207

Ion Ratio Lower Upper

184 100

63 75.3 62.3 93.5

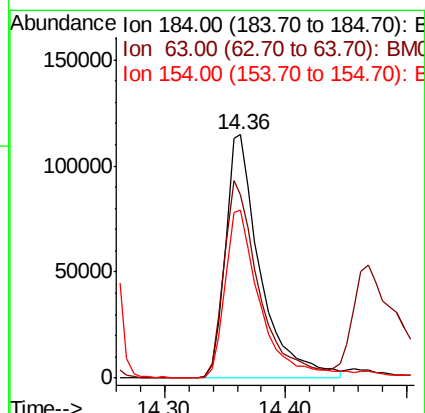
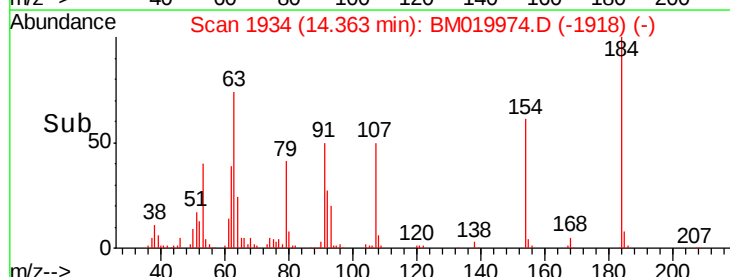
154 68.8 53.0 79.6

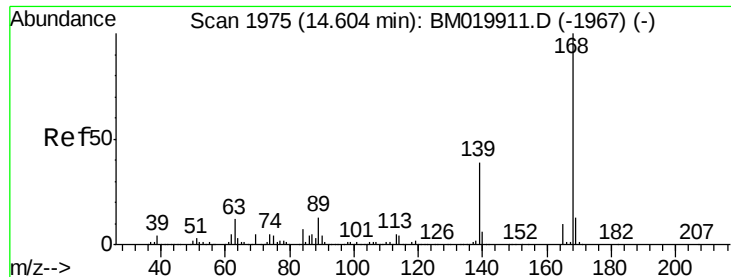


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

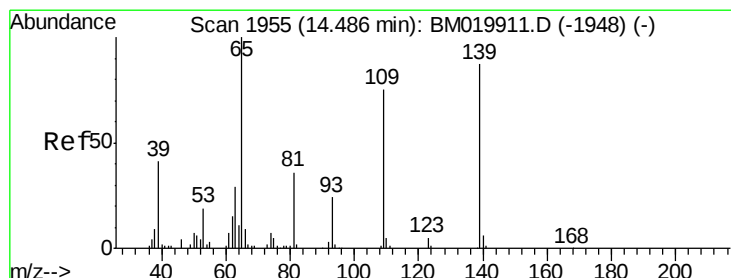
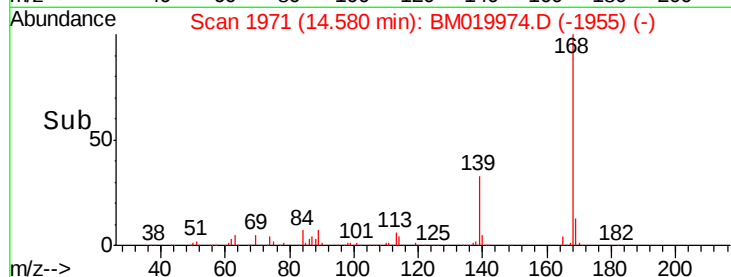
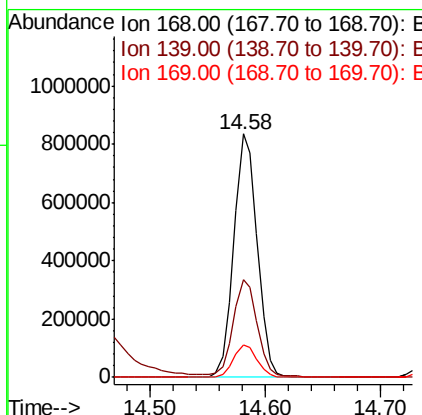
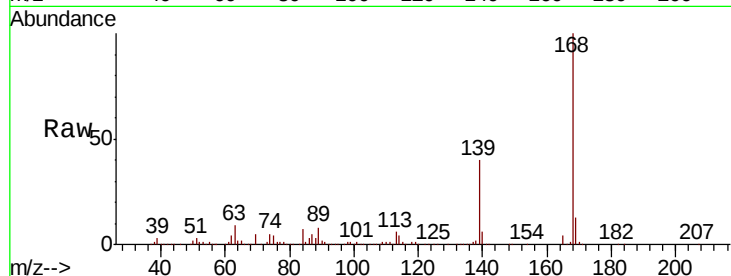




#55
Dibenzofuran
Concen: 40.226 ng
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

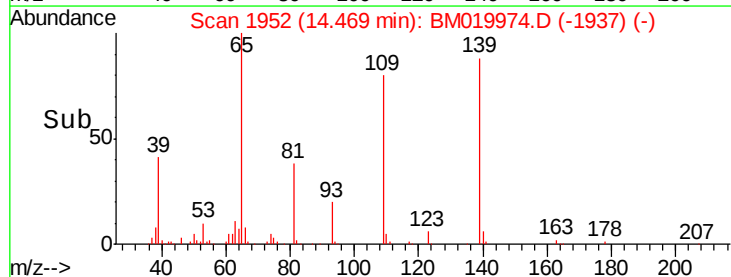
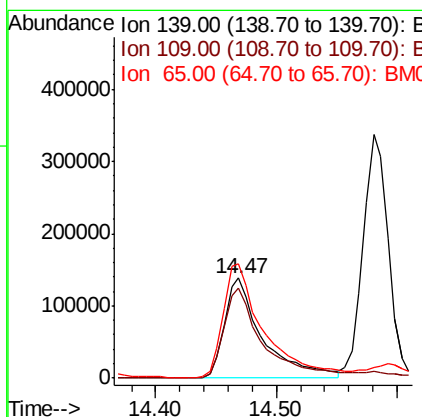
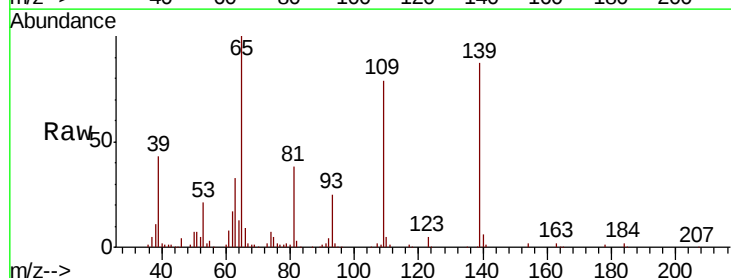
Instrument :
BNA_M
ClientSampleId :
PB118962BS

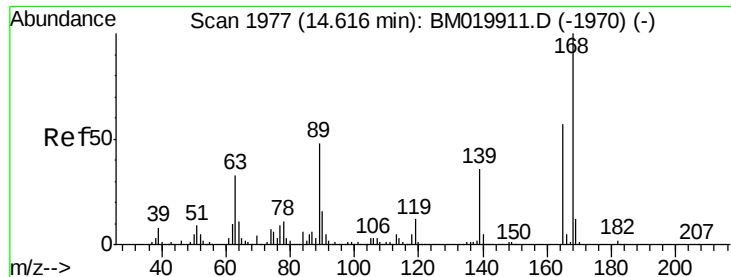
Tgt Ion:168 Resp: 1168635
Ion Ratio Lower Upper
168 100
139 40.4 31.5 47.3
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 71.679 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion:139 Resp: 304236
Ion Ratio Lower Upper
139 100
109 90.6 65.3 105.3
65 115.3 94.9 134.9

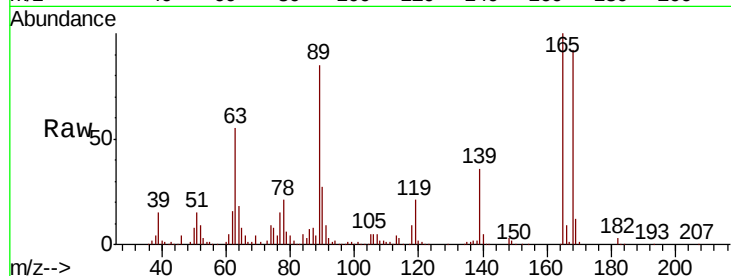




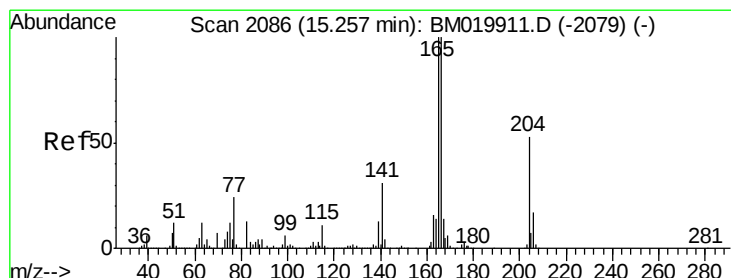
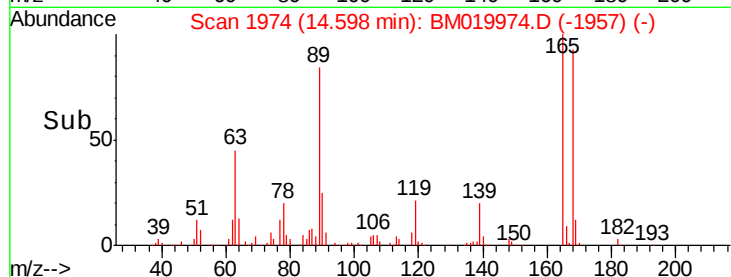
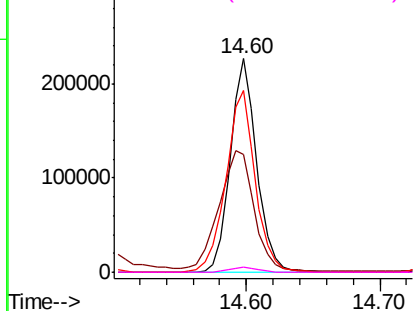
#57
2,4-Dinitrotoluene
Concen: 39.938 ng
RT: 14.60 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Instrument :
BNA_M
ClientSampleId :
PB118962BS

Tgt Ion:165 Resp: 312122
Ion Ratio Lower Upper
165 100
63 55.3 46.0 69.0
89 85.2 67.5 101.3
182 2.6 2.4 3.6

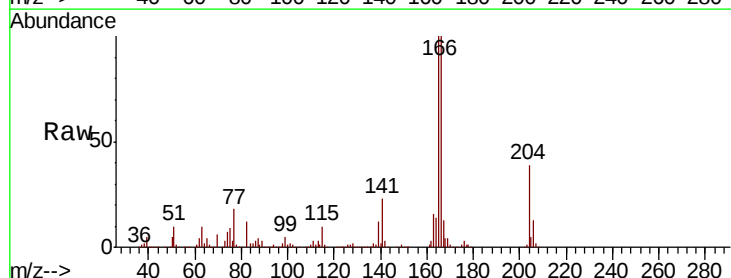


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

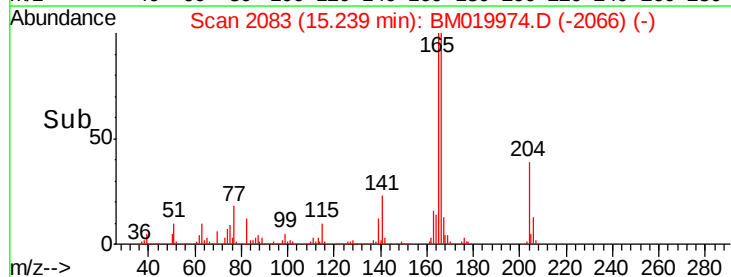
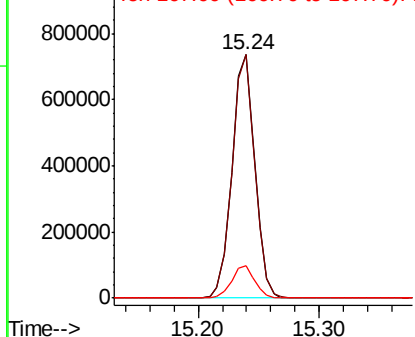


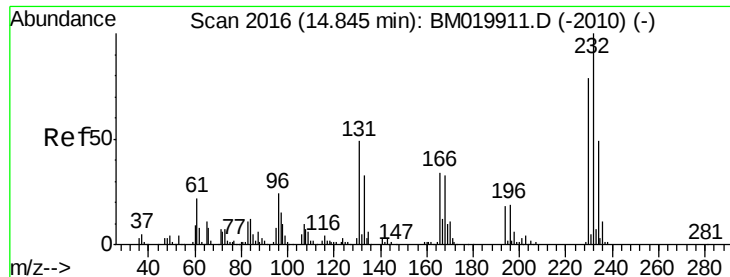
#58
Fluorene
Concen: 39.571 ng
RT: 15.24 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion:166 Resp: 974115
Ion Ratio Lower Upper
166 100
165 99.9 80.1 120.1
167 13.3 11.0 16.4



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

2,3,4,6-Tetrachlorophenol

Concen: 42.195 ng

RT: 14.82 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

Tgt Ion:232 Resp: 233609

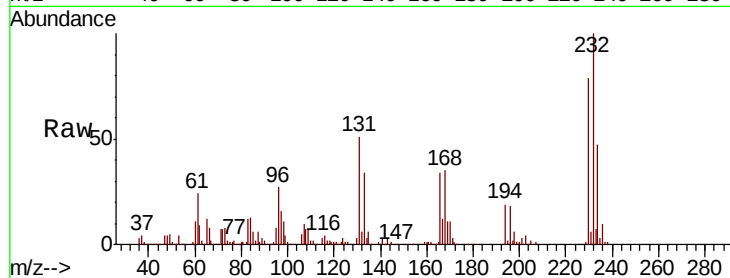
Ion Ratio Lower Upper

232 100

131 53.0 42.1 63.1

130 3.0 2.2 3.4

166 35.0 28.1 42.1

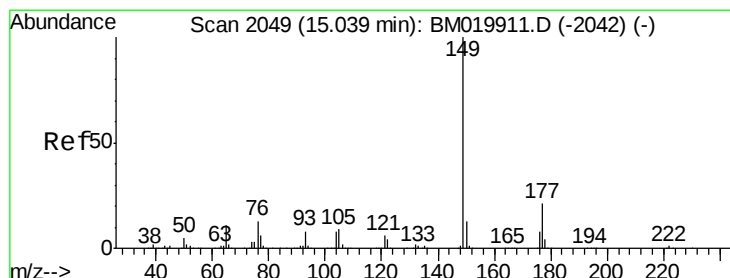
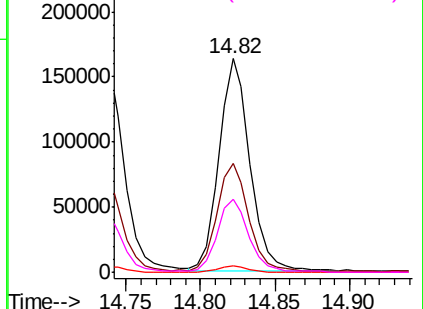
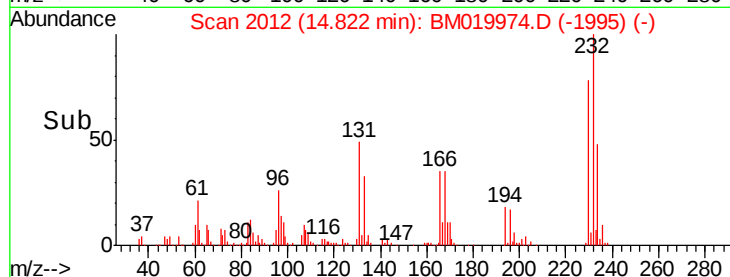


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.746 ng

RT: 15.02 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

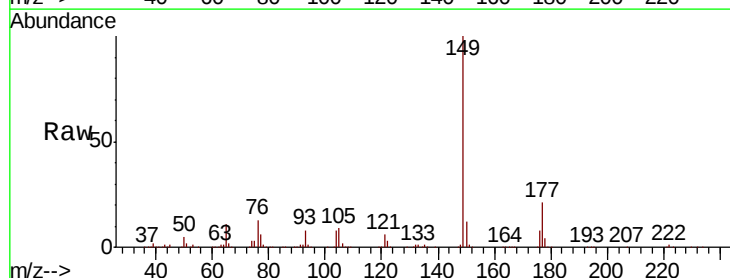
Tgt Ion:149 Resp: 1041927

Ion Ratio Lower Upper

149 100

177 20.6 16.6 25.0

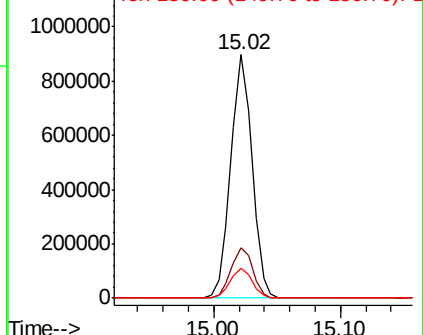
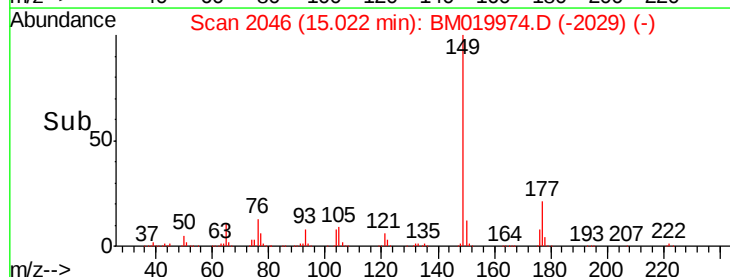
150 12.5 10.0 15.0

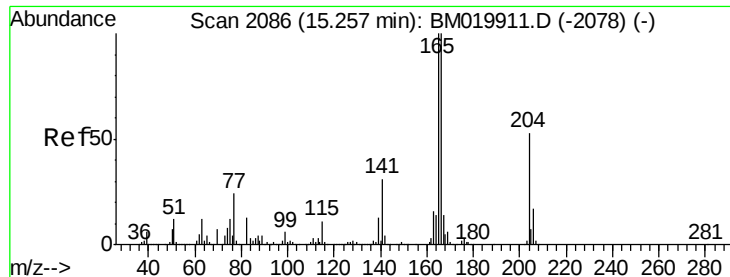


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

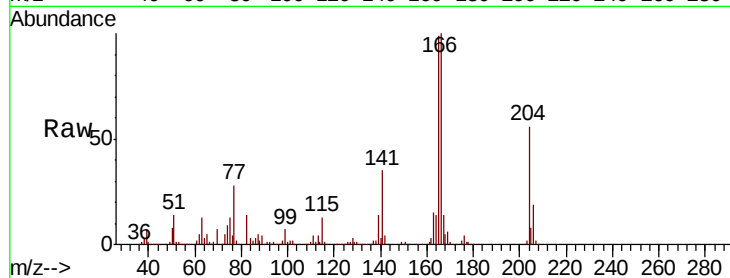




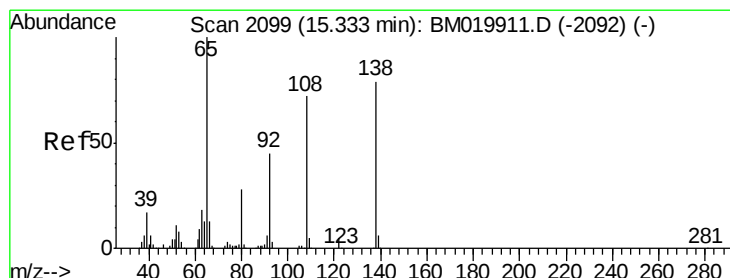
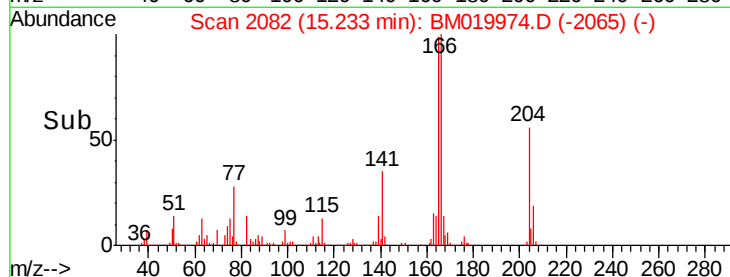
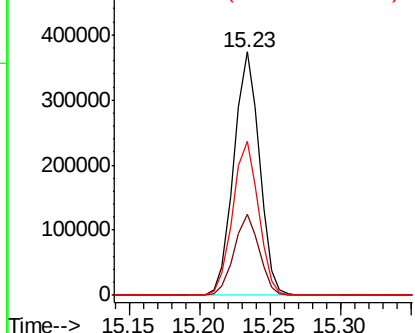
#61
4-Chlorophenyl-phenylether
Concen: 39.932 ng
RT: 15.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Instrument :
BNA_M
ClientSampleId :
PB118962BS

Tgt Ion:204 Resp: 473282
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.8
141 63.2 47.0 70.4

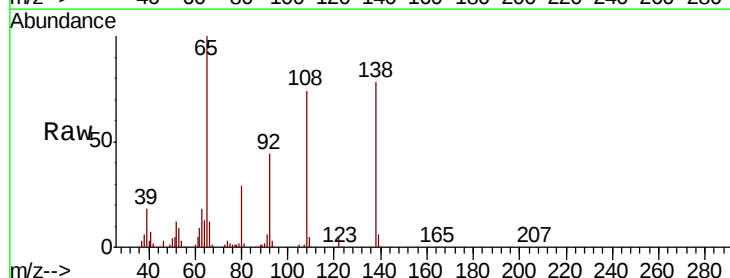


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

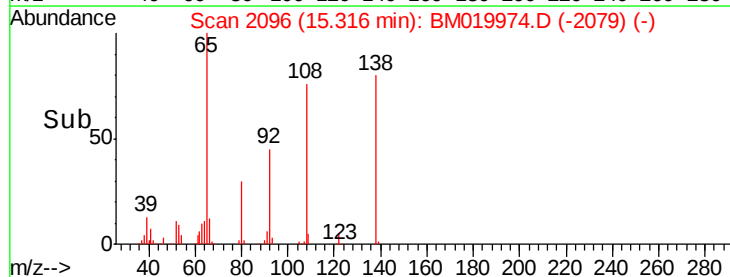
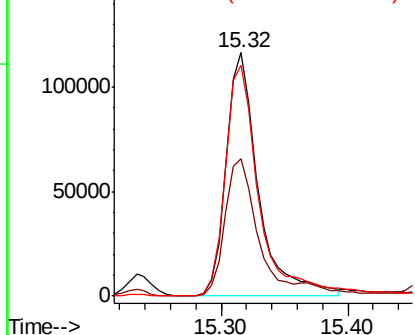


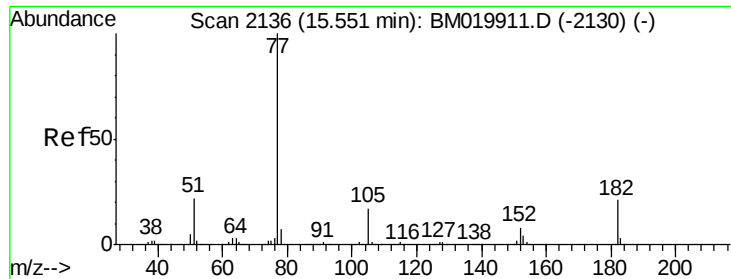
#62
4-Nitroaniline
Concen: 38.393 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion:138 Resp: 205353
Ion Ratio Lower Upper
138 100
92 56.4 36.8 76.8
108 94.9 71.5 111.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

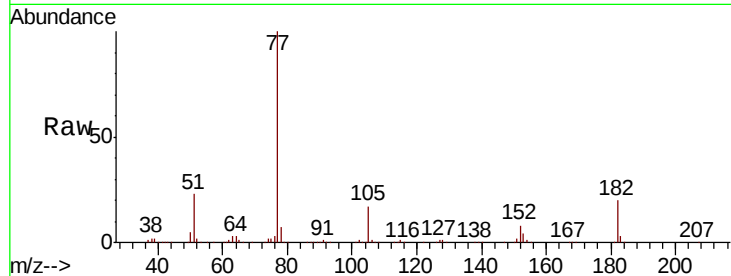




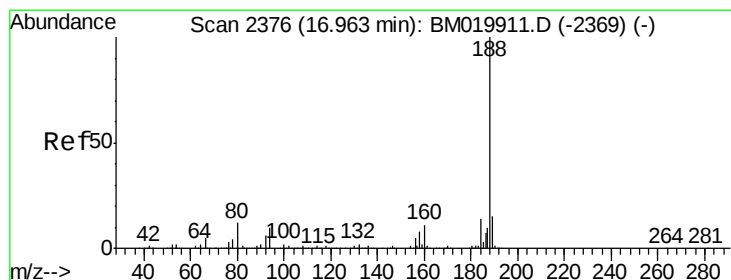
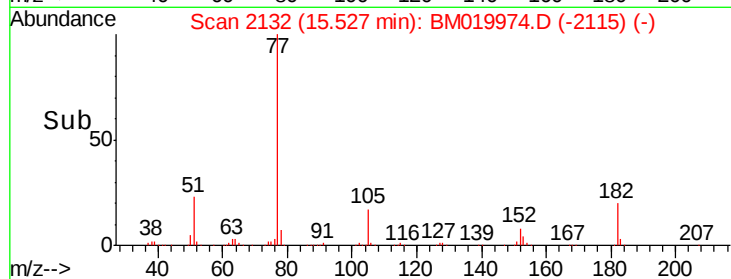
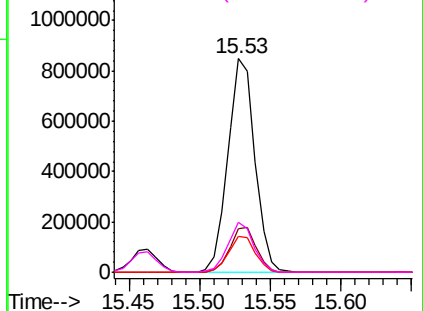
#63
Azobenzene
Concen: 40.972 ng
RT: 15.53 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Instrument :
BNA_M
ClientSampleId :
PB118962BS

Tgt Ion: 77 Resp: 1119794
Ion Ratio Lower Upper
77 100
182 20.2 1.0 41.0
105 16.6 0.0 37.1
51 23.4 2.1 42.1

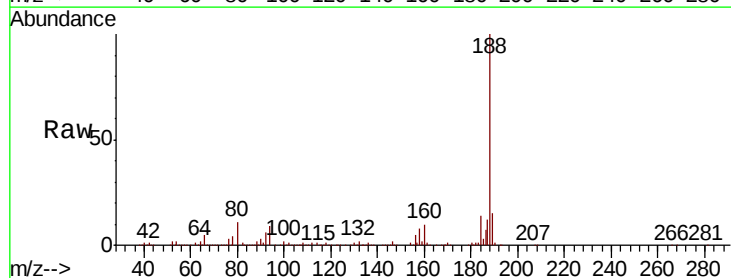


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

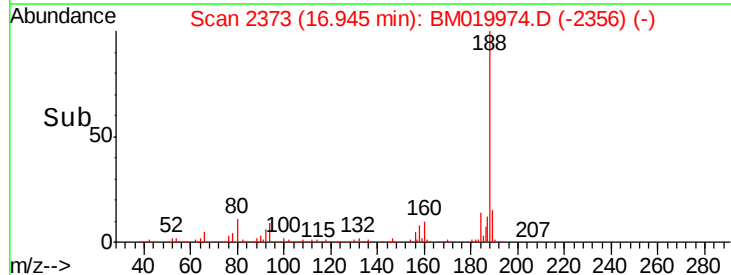
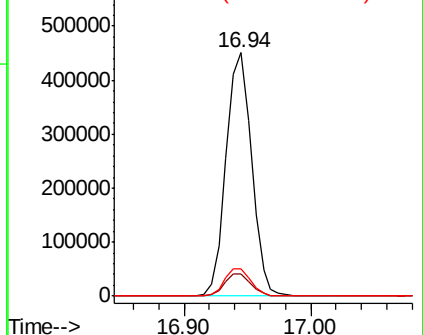


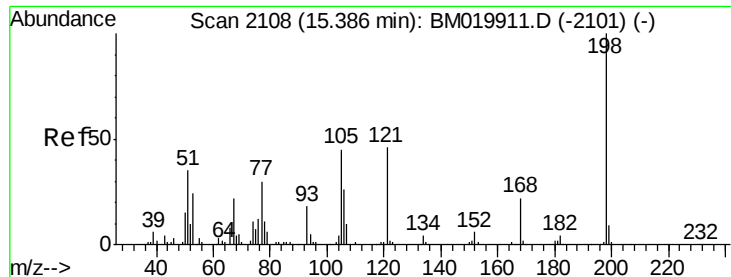
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion: 188 Resp: 630623
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 11.0 9.4 14.0



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

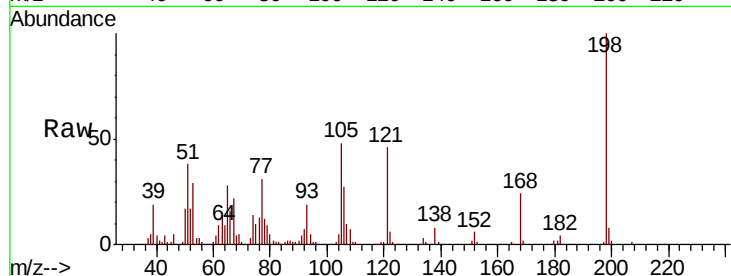




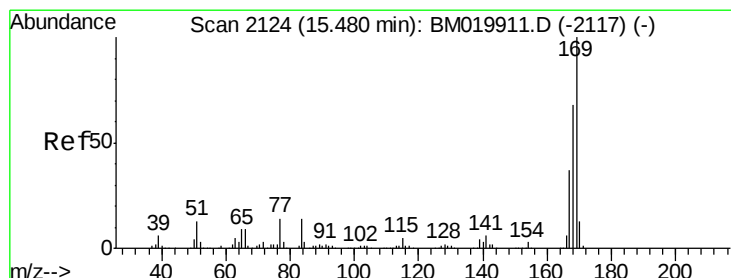
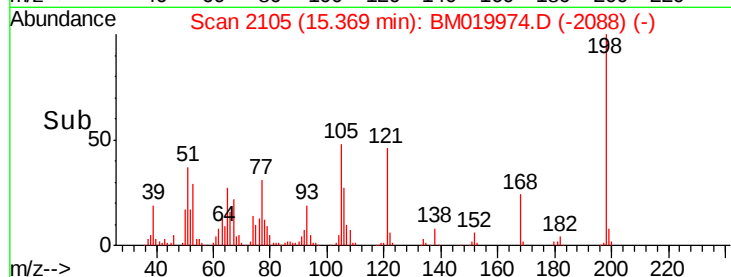
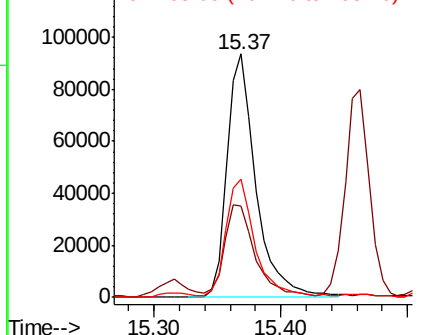
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.570 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

Tgt Ion:198 Resp: 147141
 Ion Ratio Lower Upper
 198 100
 51 37.8 17.9 57.9
 105 48.3 26.1 66.1

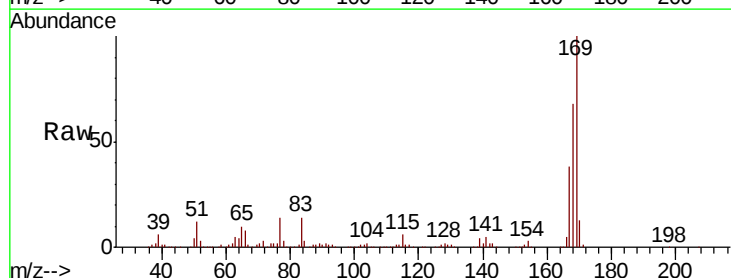


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

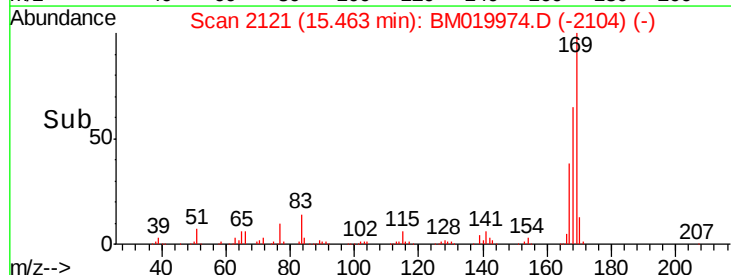
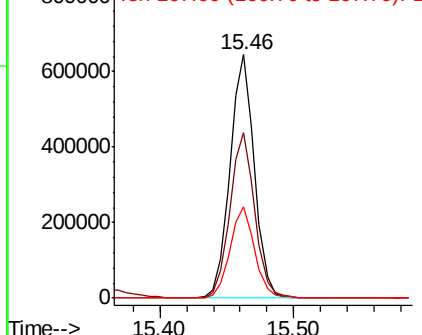


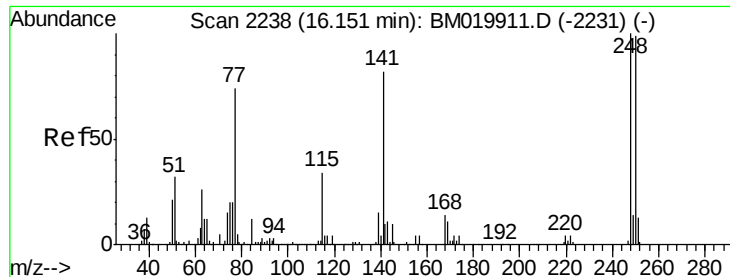
#66
 n-Nitrosodiphenylamine
 Concen: 39.988 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion:169 Resp: 824420
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.7 82.1
 167 37.6 29.4 44.0



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

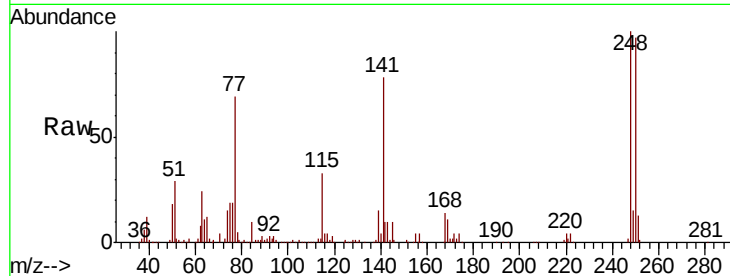




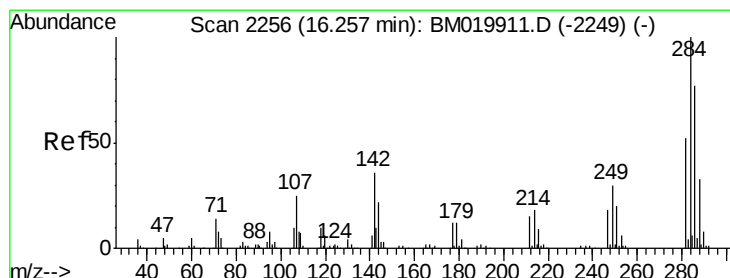
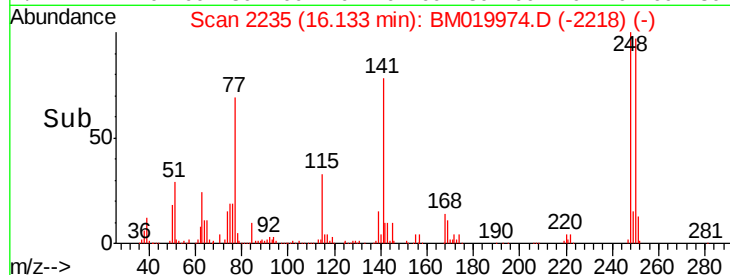
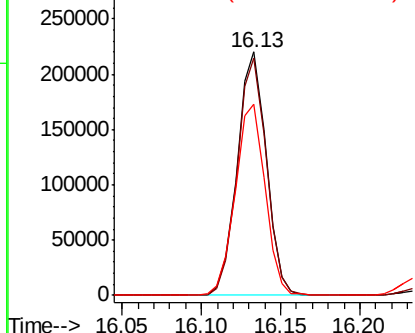
#67
 4-Bromophenyl-phenylether
 Concen: 38.570 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

Tgt Ion: 248 Resp: 279648
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.9 118.3
 141 78.4 65.6 98.4

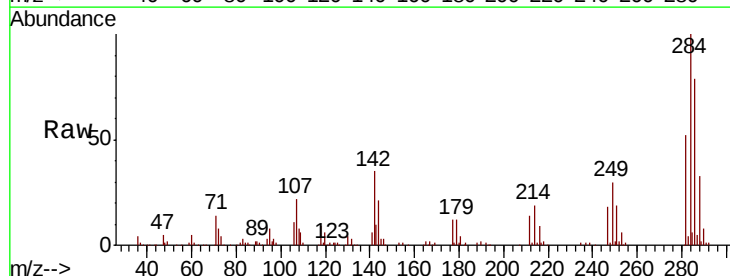


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

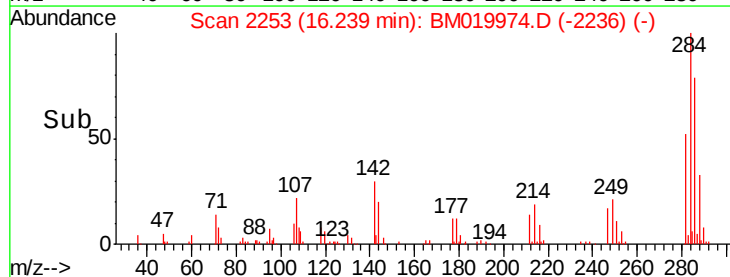
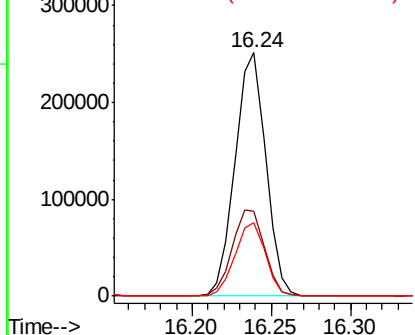


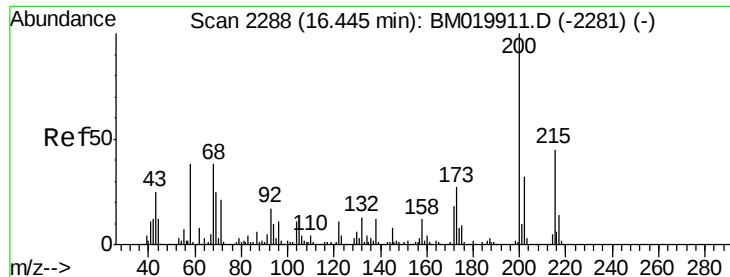
#68
 Hexachlorobenzene
 Concen: 38.920 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion: 284 Resp: 338587
 Ion Ratio Lower Upper
 284 100
 142 34.8 28.9 43.3
 249 30.2 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





#69

Atrazine

Concen: 40.978 ng

RT: 16.43 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

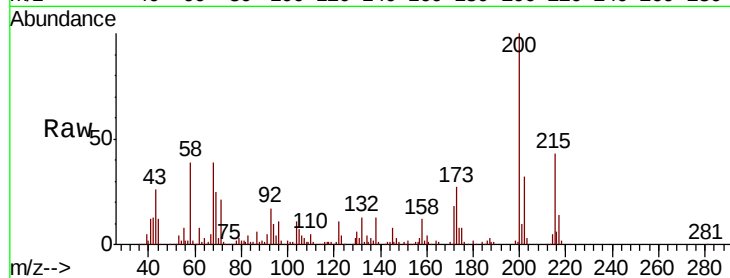
Tgt Ion:200 Resp: 286797

Ion Ratio Lower Upper

200 100

173 27.0 7.2 47.2

215 43.0 25.4 65.4

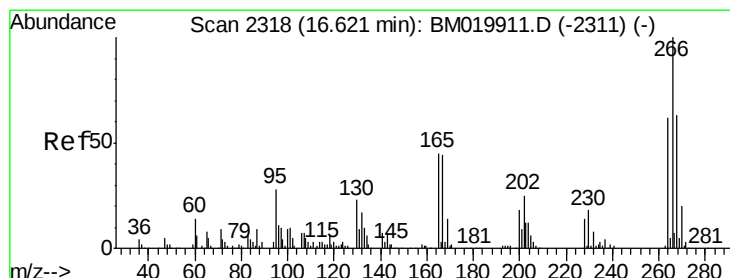
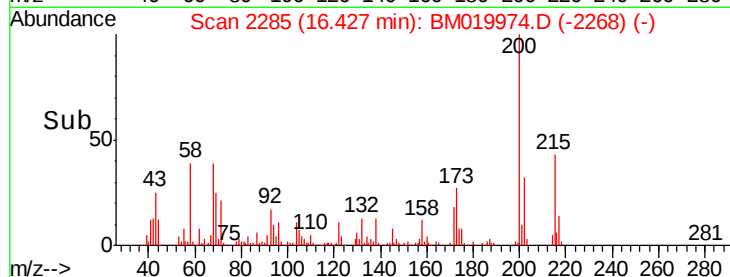
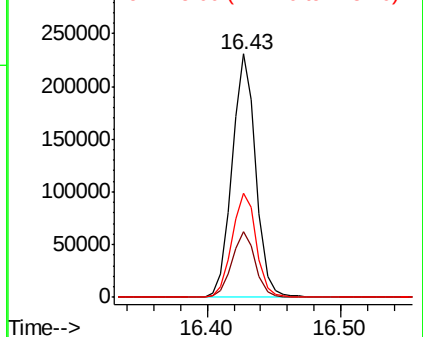


Abundance

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



#70

Pentachlorophenol

Concen: 80.841 ng

RT: 16.60 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

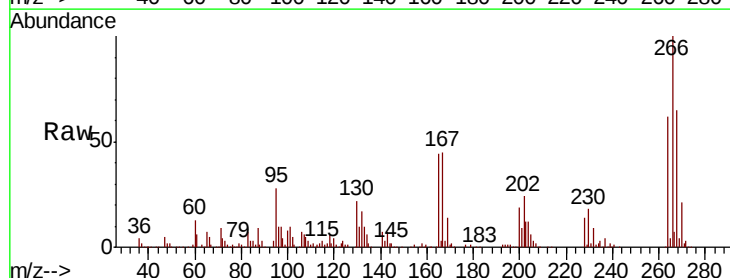
Tgt Ion:266 Resp: 359340

Ion Ratio Lower Upper

266 100

268 64.7 50.3 75.5

264 61.8 49.8 74.8

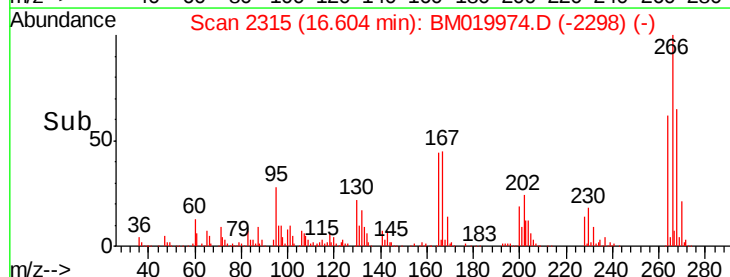
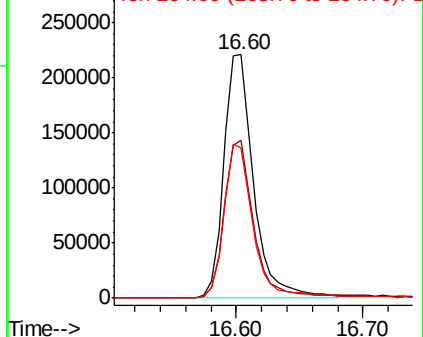


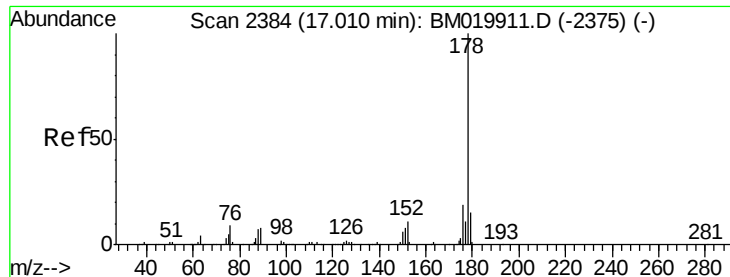
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

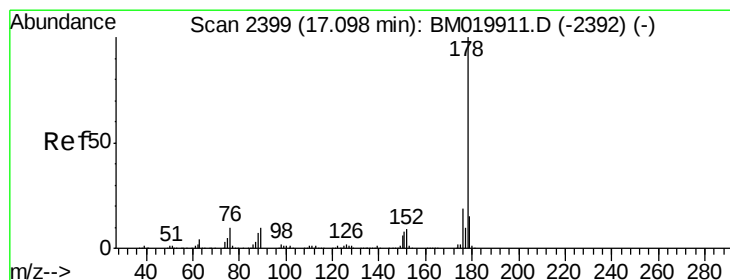
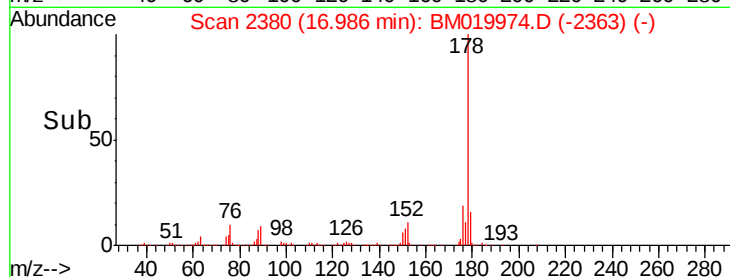
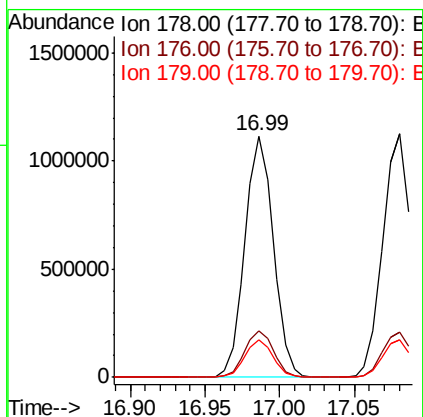
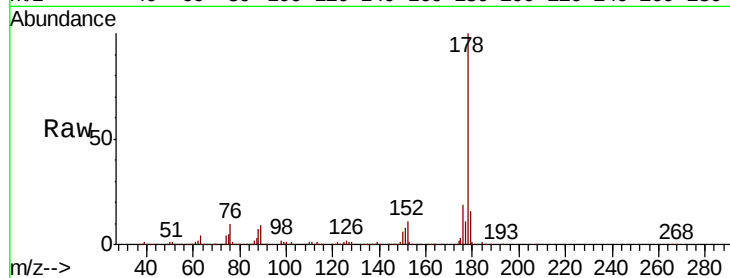




#71
Phenanthrene
Concen: 39.491 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

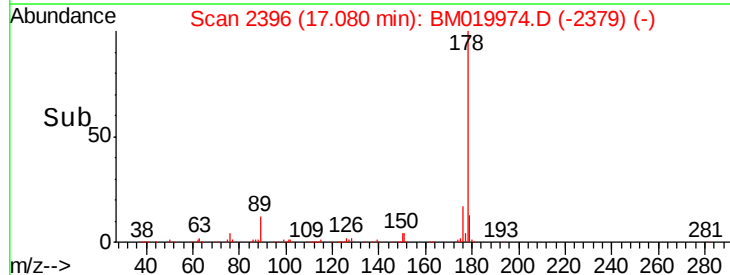
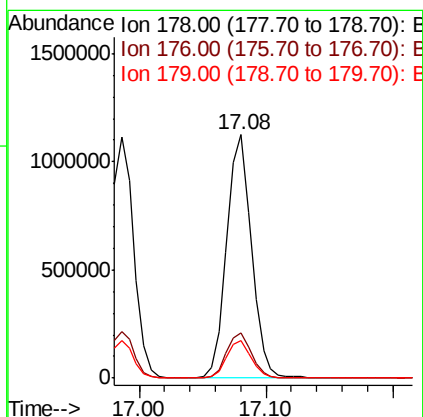
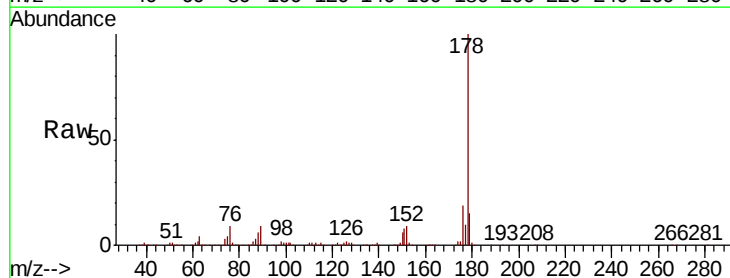
Instrument :
BNA_M
ClientSampleId :
PB118962BS

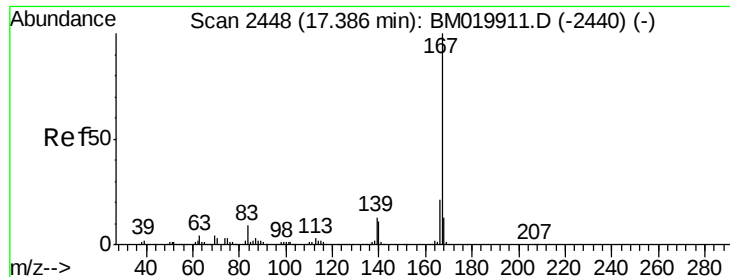
Tgt Ion:178 Resp: 1477888
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.5 12.2 18.4



#72
Anthracene
Concen: 40.622 ng
RT: 17.08 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion:178 Resp: 1513237
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.2 18.4

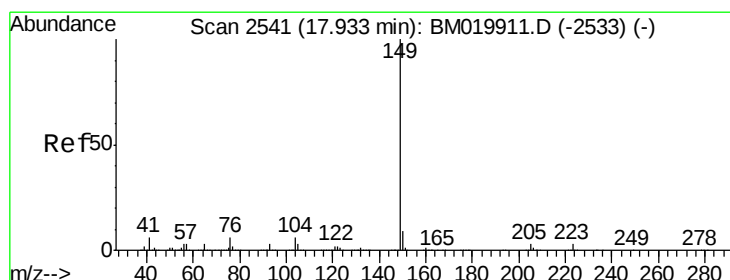
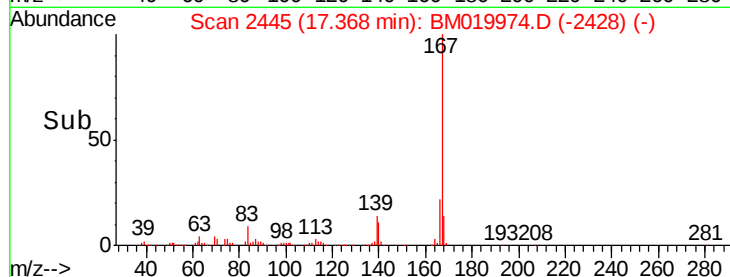
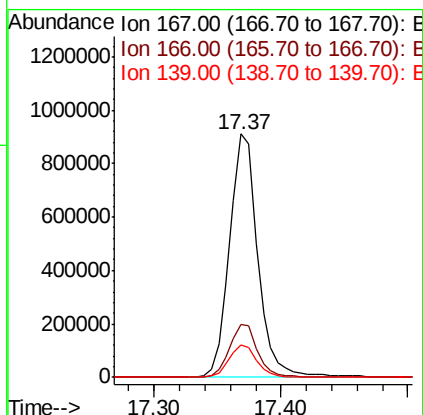
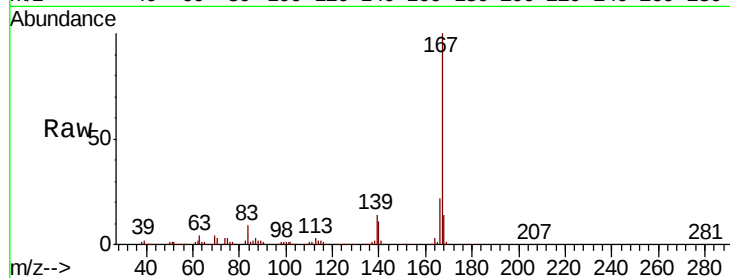




#73
 Carbazole
 Concen: 40.258 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

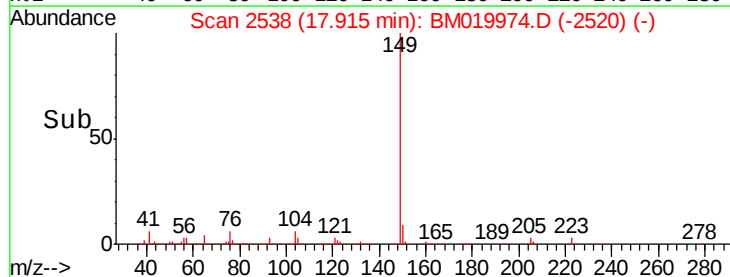
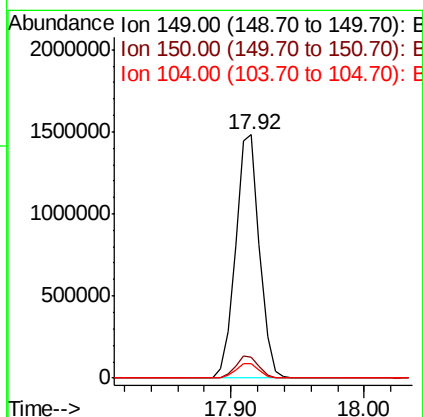
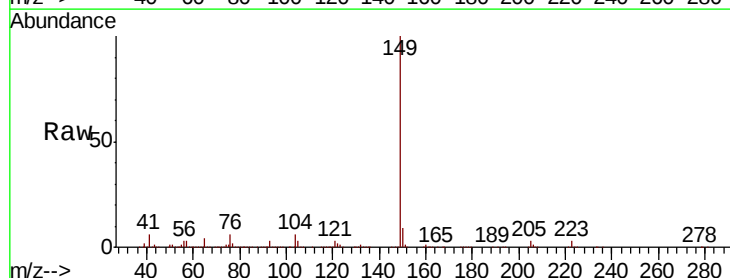
Instrument :
 BNA_M
 ClientSampleId :
 PB118962BS

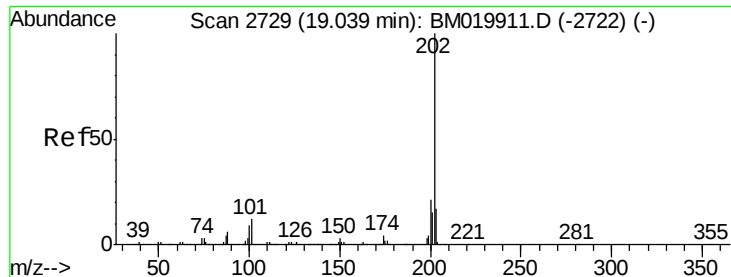
Tgt Ion:167 Resp: 1400186
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 40.274 ng
 RT: 17.92 min Scan# 2538
 Delta R.T. 0.01 min
 Lab File: BM019974.D
 Acq: 19 Apr 2019 14:30

Tgt Ion:149 Resp: 1839566
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.2 10.8
 104 5.7 4.6 7.0





#75

Fluoranthene

Concen: 40.851 ng

RT: 19.02 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

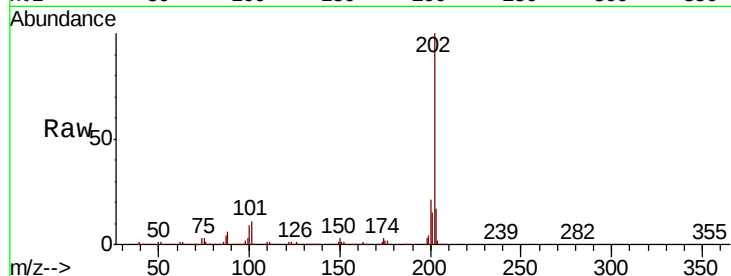
Tgt Ion:202 Resp: 1759324

Ion Ratio Lower Upper

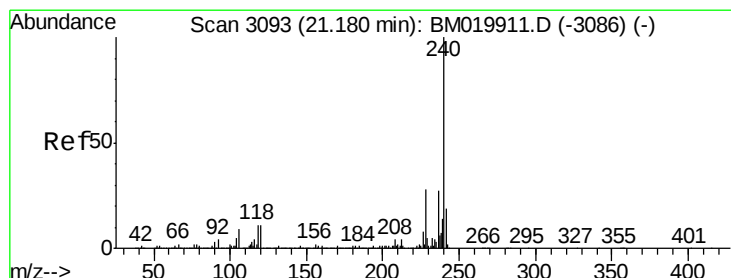
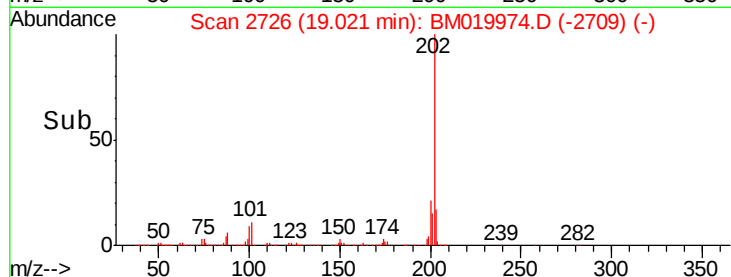
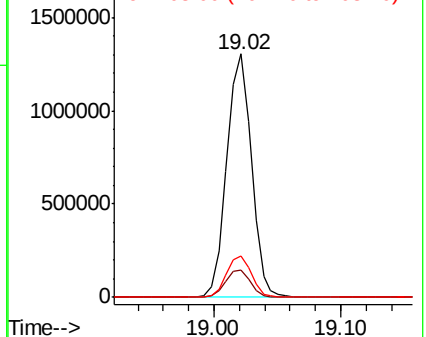
202 100

101 11.1 0.0 31.7

203 17.1 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

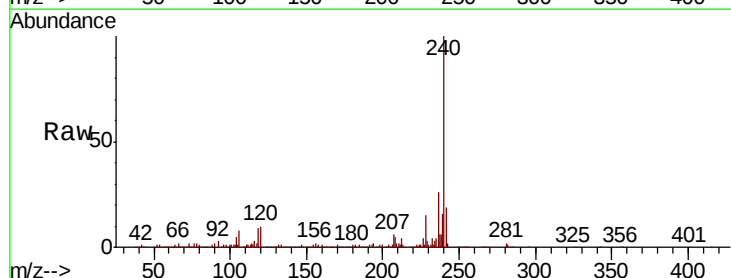
Tgt Ion:240 Resp: 745397

Ion Ratio Lower Upper

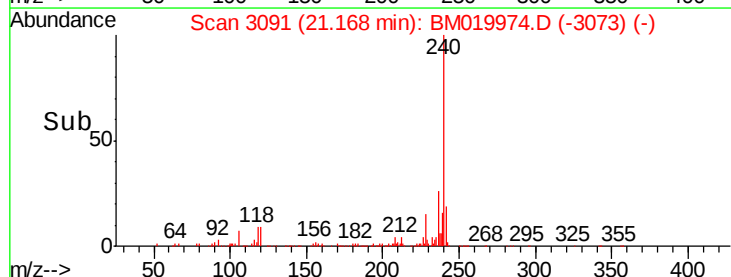
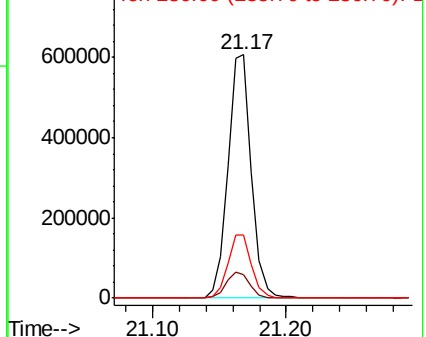
240 100

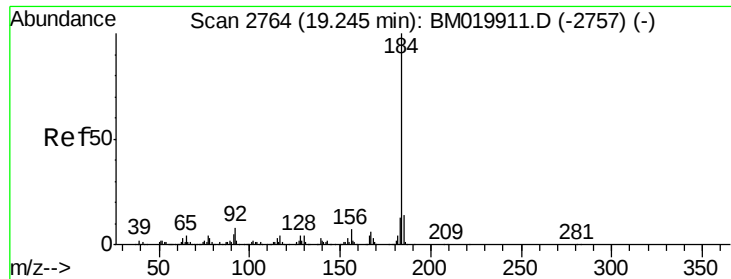
120 9.6 8.6 13.0

236 25.9 21.4 32.2



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





#77

Benzidine

Concen: 36.407 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

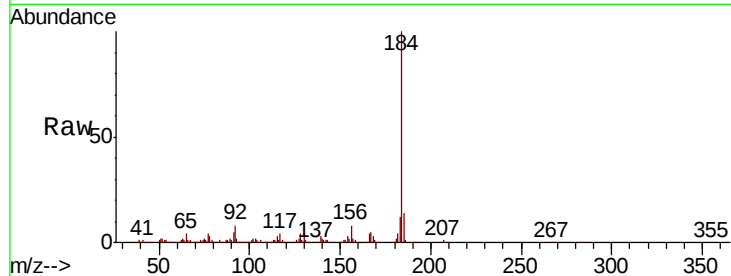
Tgt Ion:184 Resp: 748774

Ion Ratio Lower Upper

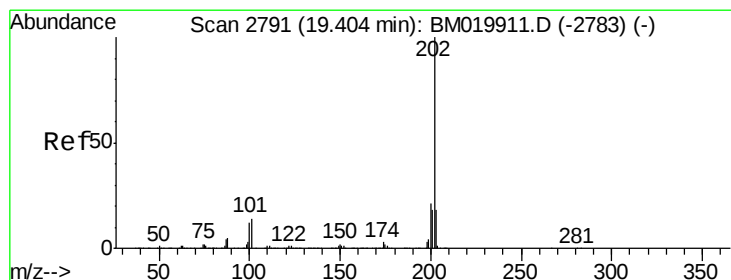
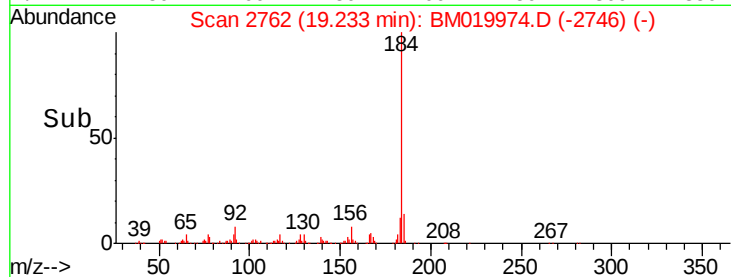
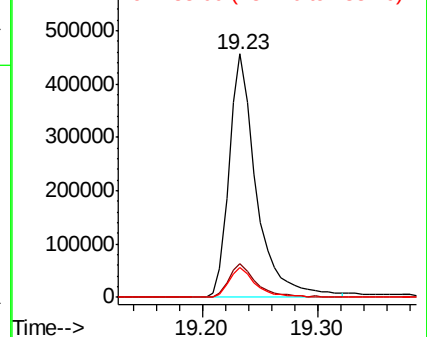
184 100

185 13.8 11.0 16.6

183 12.0 10.1 15.1



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



#78

Pyrene

Concen: 36.657 ng

RT: 19.39 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

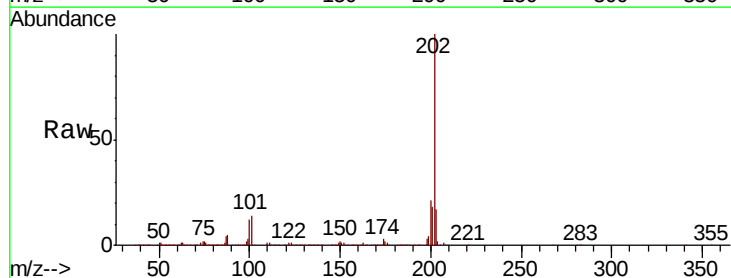
Tgt Ion:202 Resp: 1809466

Ion Ratio Lower Upper

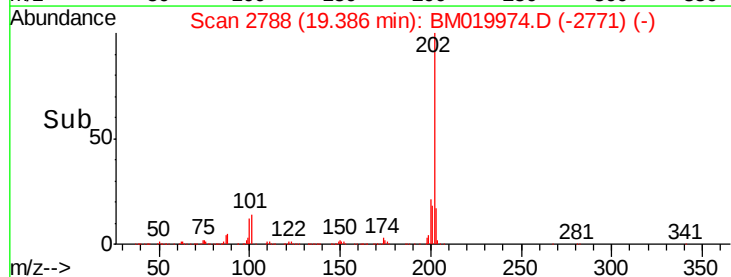
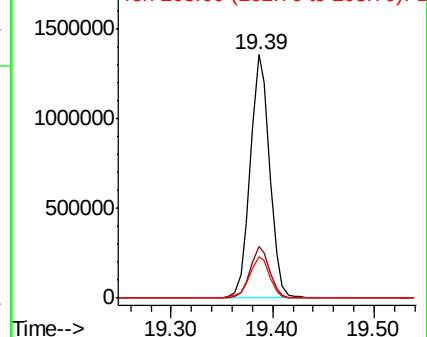
202 100

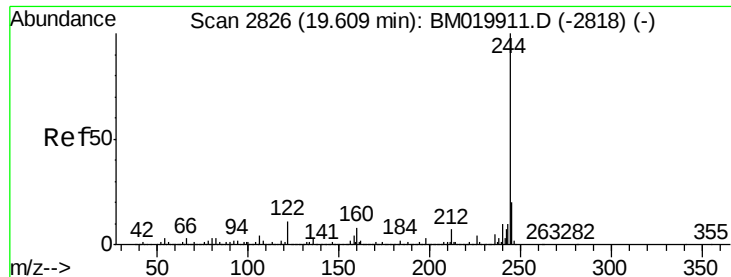
200 21.2 17.0 25.4

203 17.1 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.305 ng

RT: 19.59 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

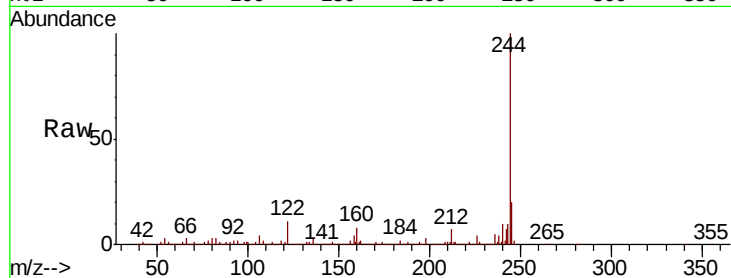
Tgt Ion:244 Resp: 3435955

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

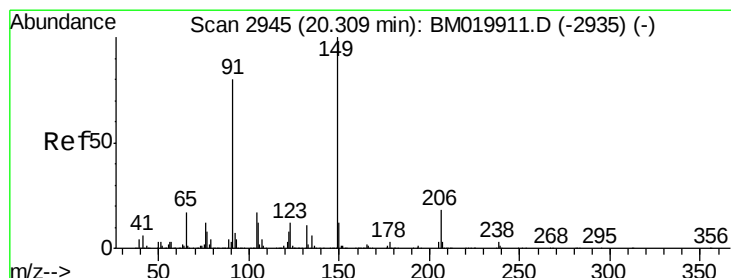
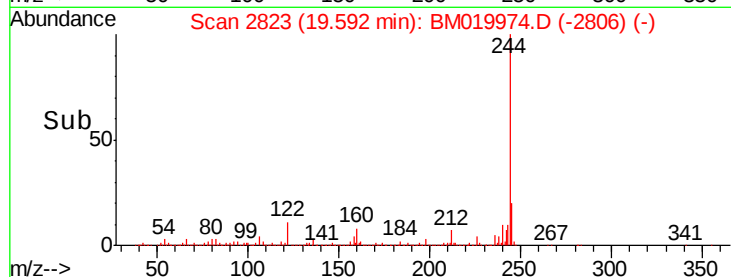
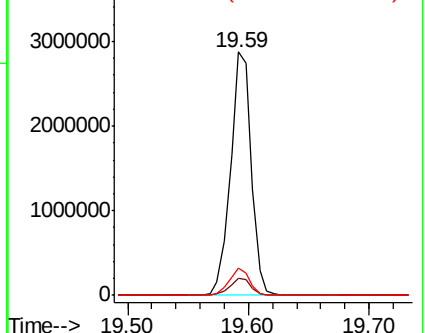
122 11.2 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.214 ng

RT: 20.30 min Scan# 2943

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

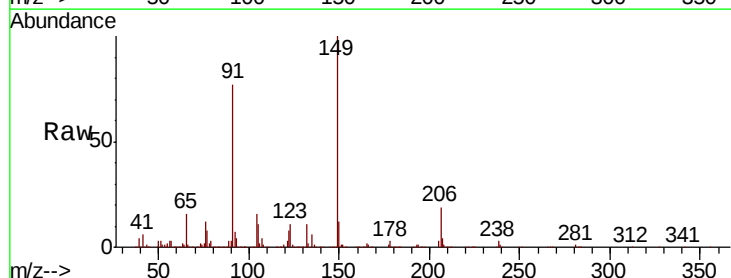
Tgt Ion:149 Resp: 914519

Ion Ratio Lower Upper

149 100

91 76.9 63.7 95.5

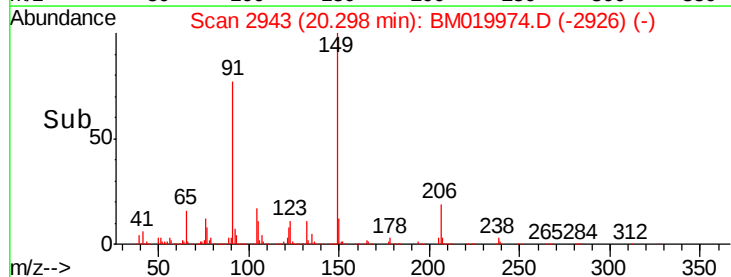
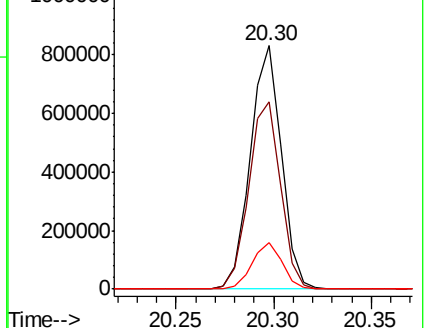
206 19.1 14.6 21.8

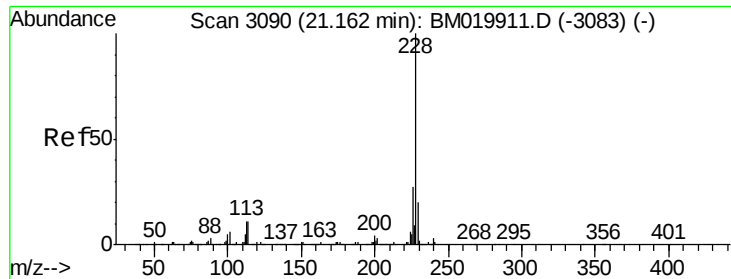


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

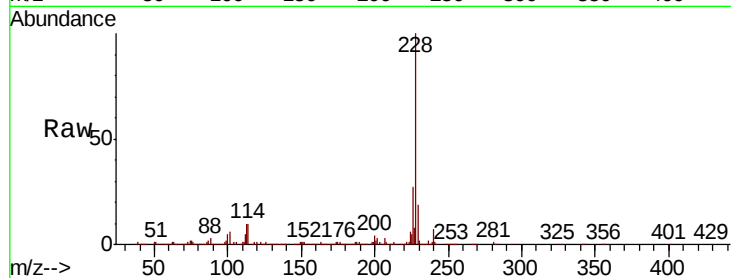




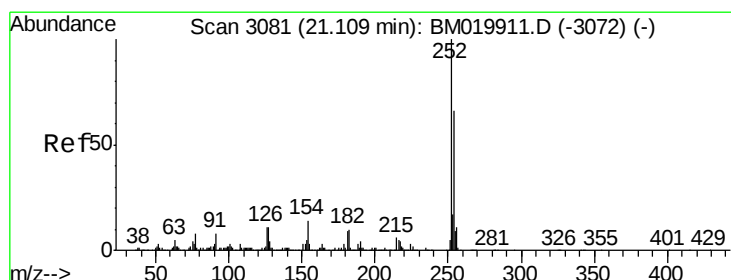
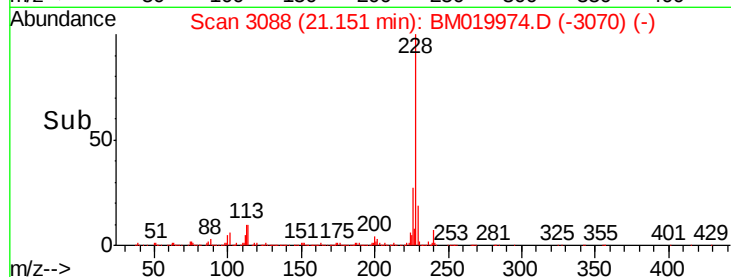
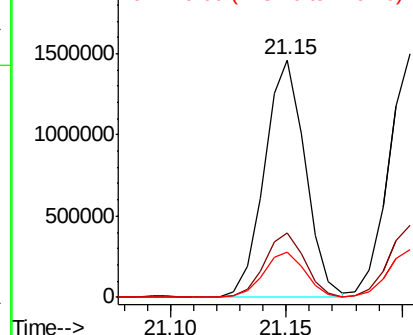
#81
Benzo(a)anthracene
Concen: 37.752 ng
RT: 21.15 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Instrument :
BNA_M
ClientSampleId :
PB118962BS

Tgt Ion:228 Resp: 1782610
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 19.3 15.9 23.9

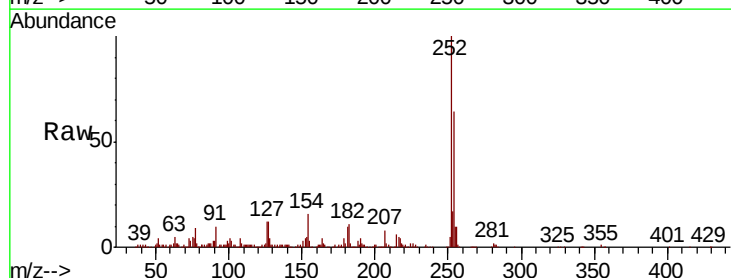


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

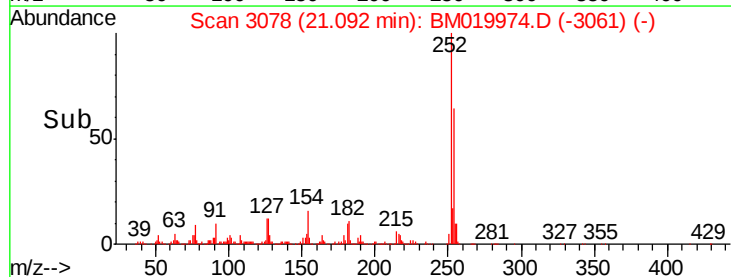
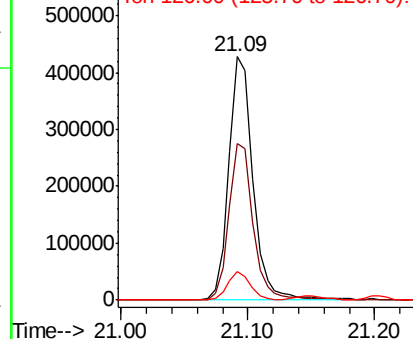


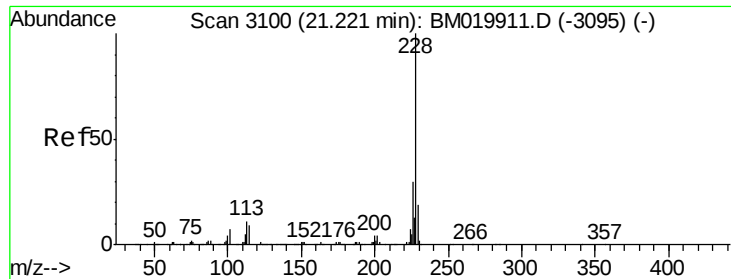
#82
3,3'-Dichlorobenzidine
Concen: 32.127 ng
RT: 21.09 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion:252 Resp: 564415
Ion Ratio Lower Upper
252 100
254 64.1 52.6 78.8
126 11.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
500000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.866 ng

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

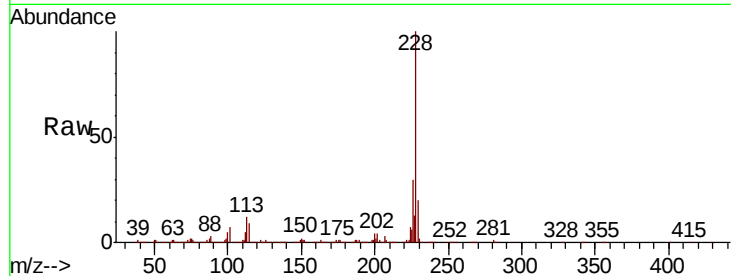
Tgt Ion:228 Resp: 1759987

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

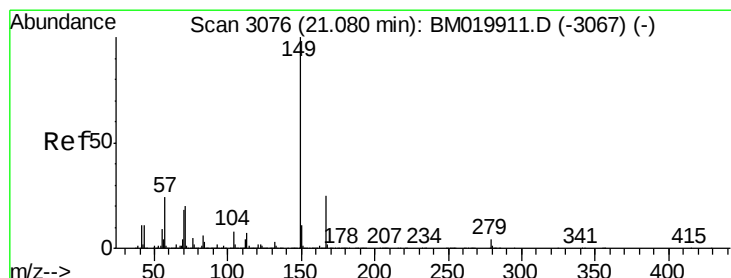
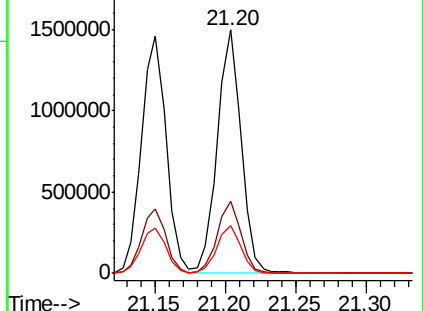
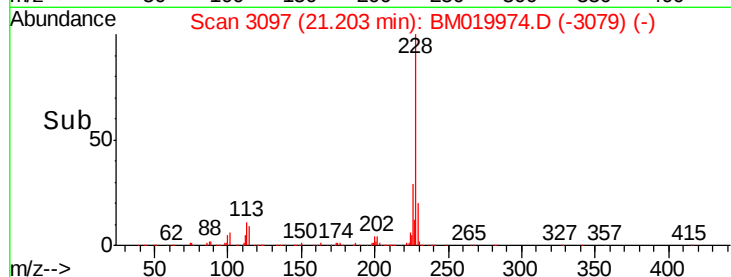
229 19.8 15.6 23.4



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

Bis(2-ethylhexyl)phthalate

Concen: 38.246 ng

RT: 21.07 min Scan# 3074

Delta R.T. 0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

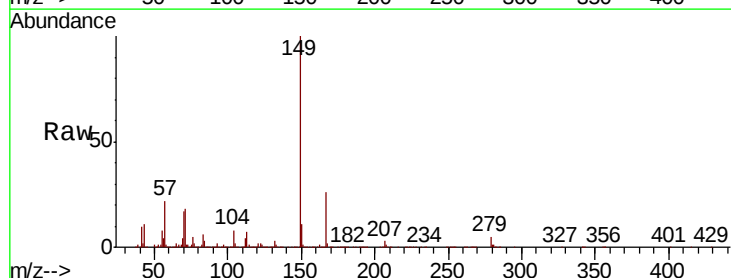
Tgt Ion:149 Resp: 1362637

Ion Ratio Lower Upper

149 100

167 26.1 20.3 30.5

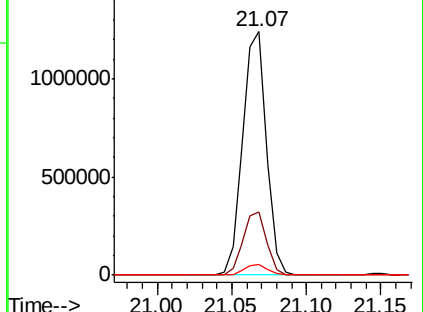
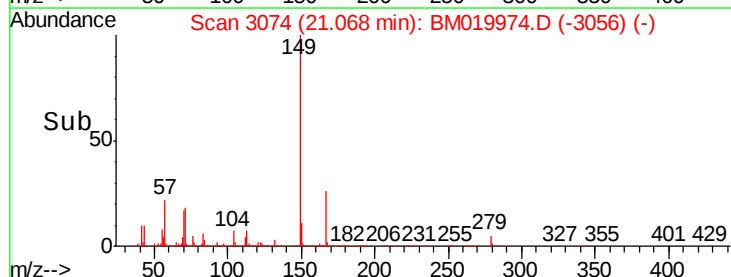
279 4.6 3.4 5.2

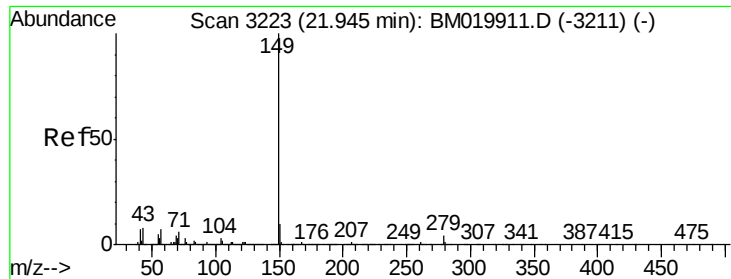


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.619 ng

RT: 21.93 min Scan# 3221

Delta R.T. 0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

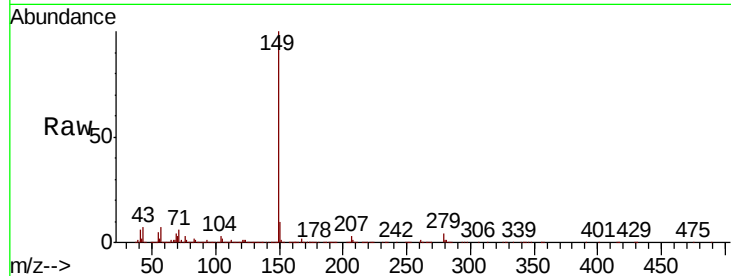
Tgt Ion:149 Resp: 2406013

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

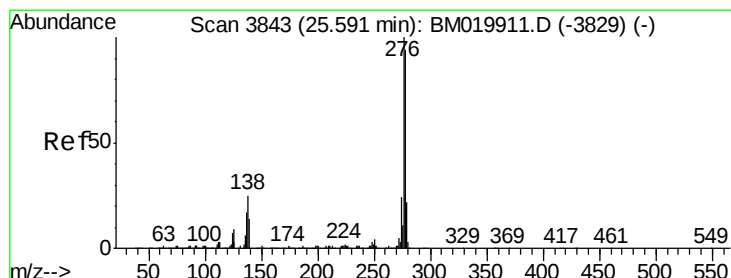
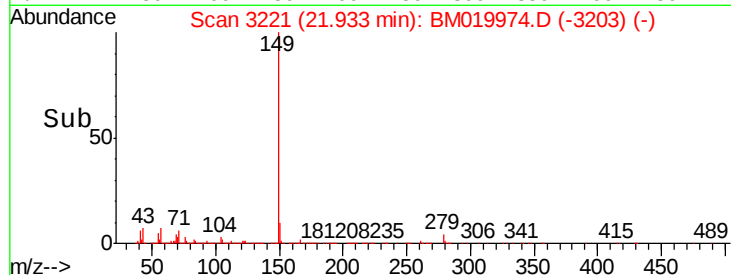
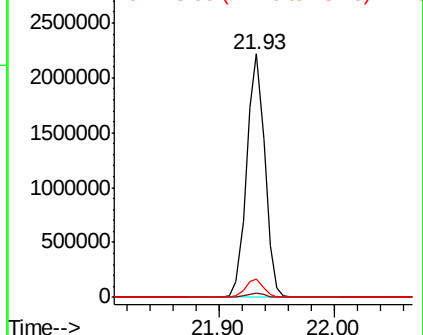
43 7.5 6.0 9.0



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.713 ng

RT: 25.56 min Scan# 3837

Delta R.T. 0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

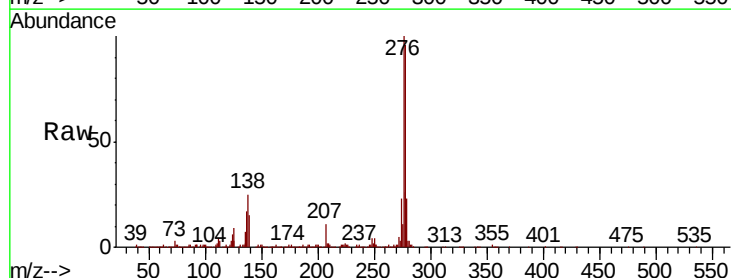
Tgt Ion:276 Resp: 2303635

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.6

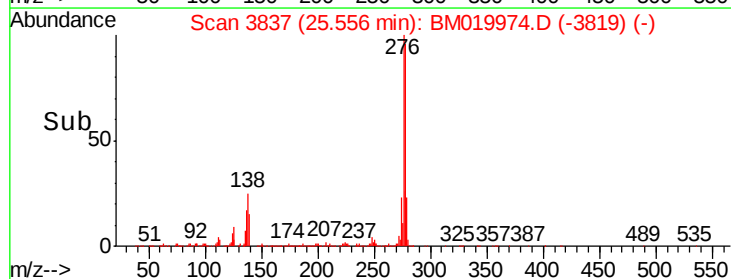
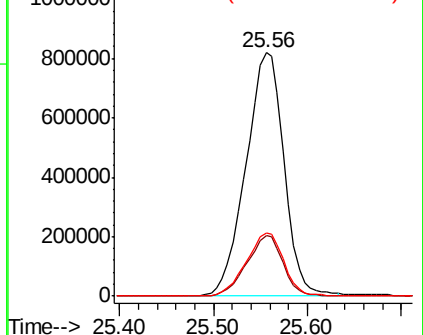
277 25.6 20.3 30.5

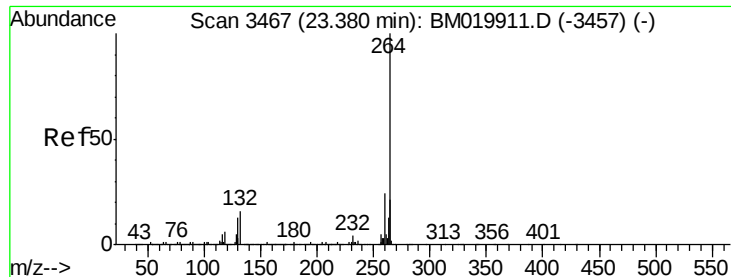


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



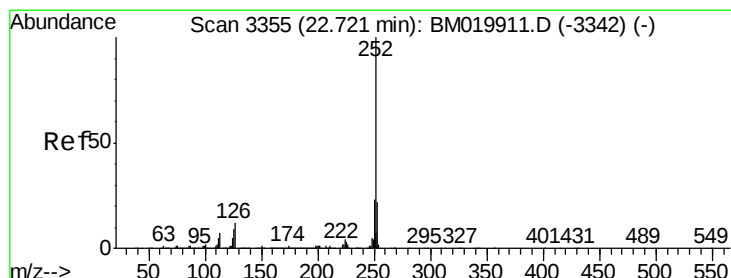
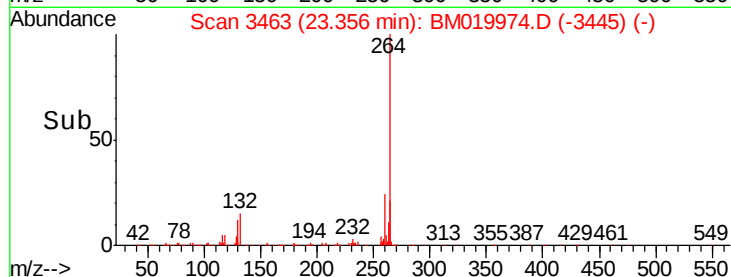
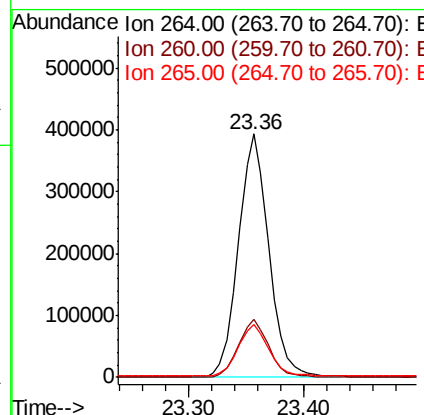
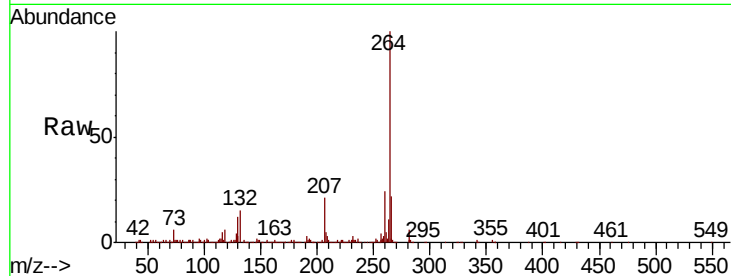


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3463
Delta R.T. 0.01 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Instrument :
BNA_M
ClientSampleId :
PB118962BS

Tgt Ion: 264 Resp: 719873

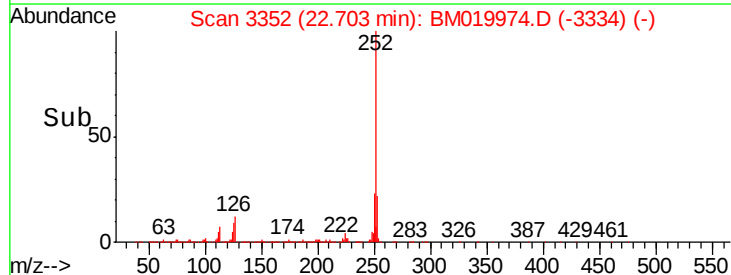
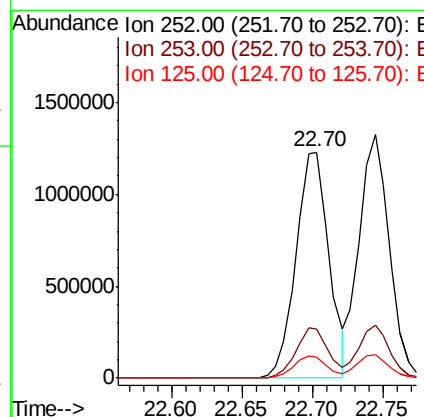
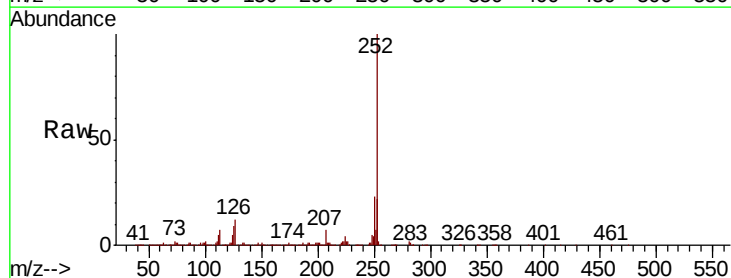
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.2	25.8

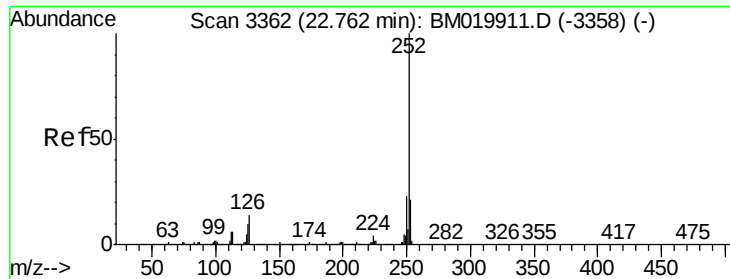


#88
Benzo(b)fluoranthene
Concen: 41.537 ng
RT: 22.70 min Scan# 3352
Delta R.T. 0.01 min
Lab File: BM019974.D
Acq: 19 Apr 2019 14:30

Tgt Ion: 252 Resp: 1985503

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.4	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 43.898 ng

RT: 22.74 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

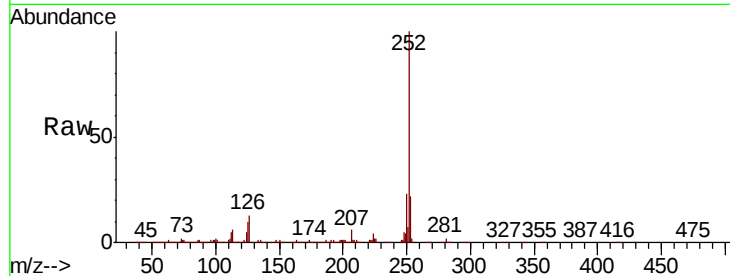
Tgt Ion:252 Resp: 1975469

Ion Ratio Lower Upper

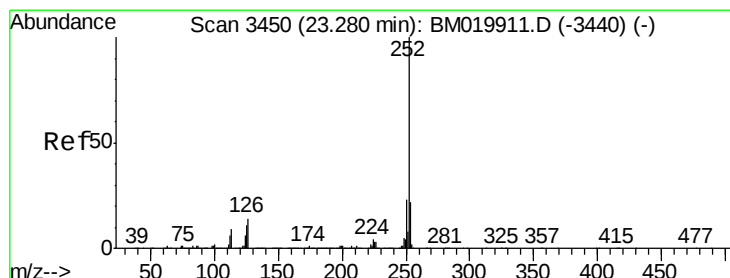
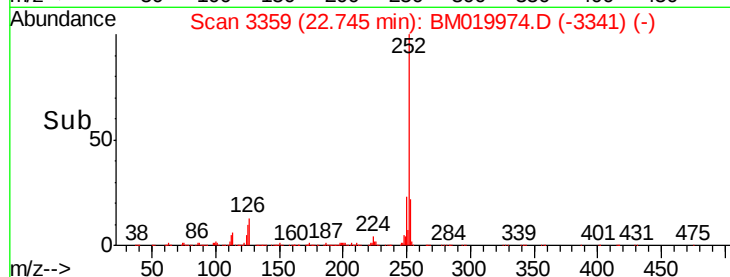
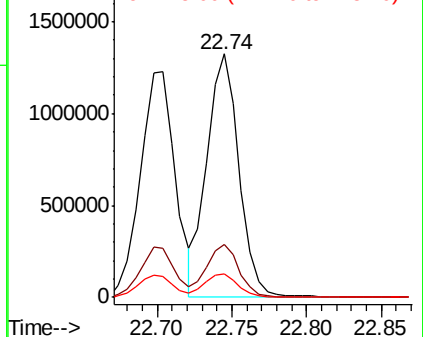
252 100

253 21.8 17.3 25.9

125 9.8 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.895 ng

RT: 23.26 min Scan# 3447

Delta R.T. 0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

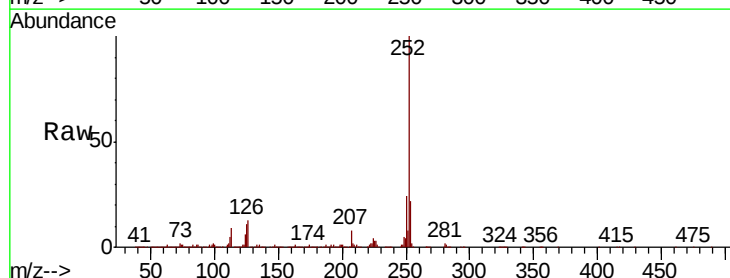
Tgt Ion:252 Resp: 1901463

Ion Ratio Lower Upper

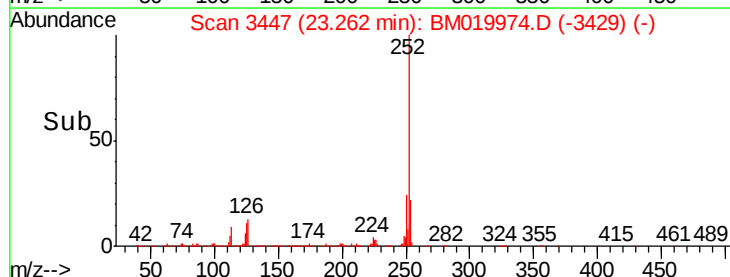
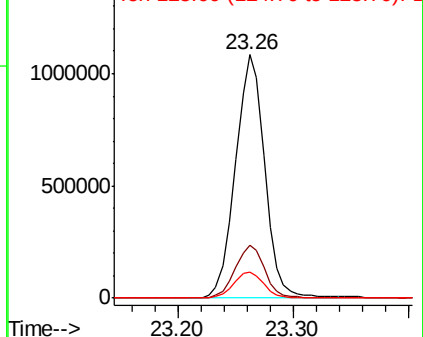
252 100

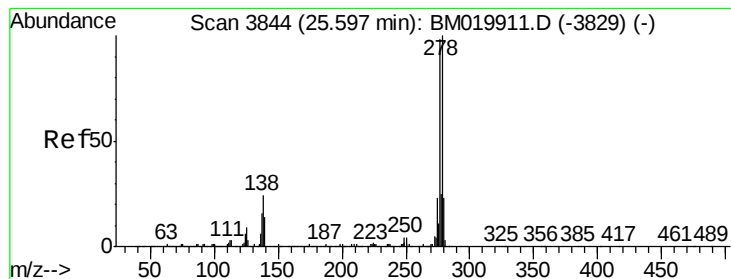
253 21.9 17.8 26.8

125 10.9 9.1 13.7



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





#91

Dibenzo(a,h)anthracene

Concen: 48.729 ng

RT: 25.56 min Scan# 3838

Delta R.T. 0.01 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

Instrument :

BNA_M

ClientSampleId :

PB118962BS

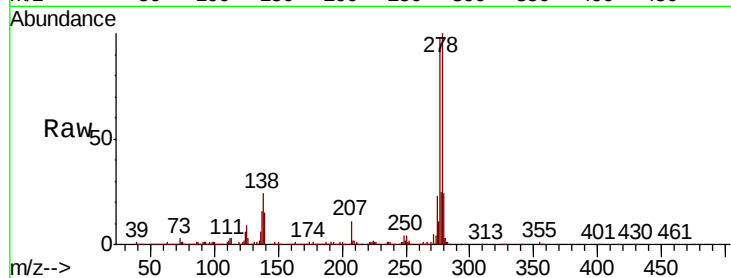
Tgt Ion:278 Resp: 1989830

Ion Ratio Lower Upper

278 100

139 15.0 11.6 17.4

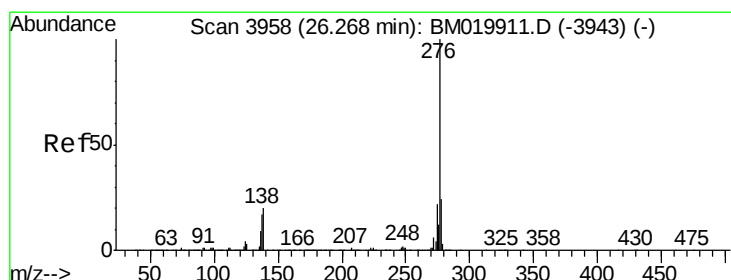
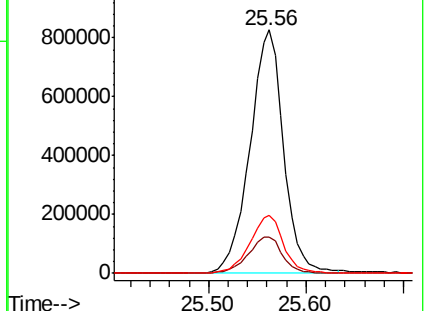
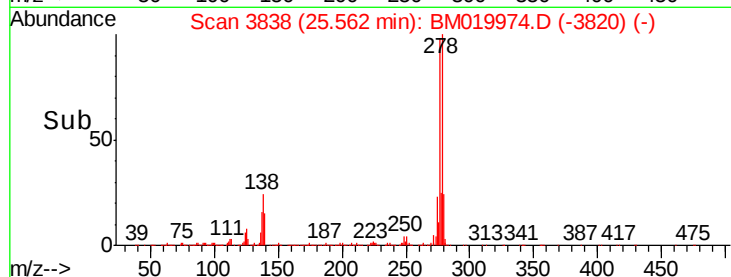
279 23.7 18.4 27.6



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



#92

Benzo(g,h,i)perylene

Concen: 48.915 ng

RT: 26.23 min Scan# 3951

Delta R.T. 0.00 min

Lab File: BM019974.D

Acq: 19 Apr 2019 14:30

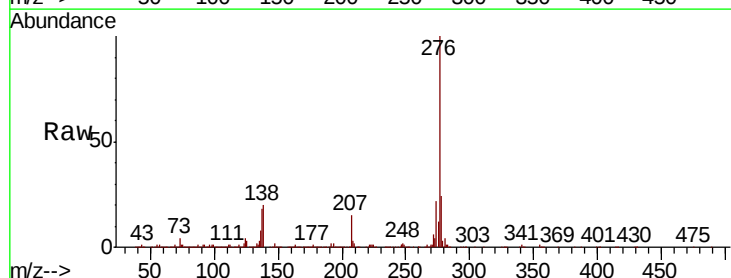
Tgt Ion:276 Resp: 1809158

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 20.2 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

