

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
 Data File : BM018987.D
 Acq On : 01 Mar 2019 15:20
 Operator : JU/SJ
 Sample : PB117349BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Quant Time: Mar 01 22:23:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	199841	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	853149	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	510164	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1158585	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1282932	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1312077	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1764824	144.70	ng	-0.02
7) Phenol-d6	6.86	99	2473577	143.96	ng	-0.02
23) Nitrobenzene-d5	8.85	82	1430724	77.54	ng	-0.04
42) 2,4,6-Tribromophenol	15.84	330	1014249	137.92	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	2970815	77.30	ng	-0.03
79) Terphenyl-d14	19.73	244	4992333	80.27	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	201970	38.020	ng	98
3) Pyridine	3.63	79	568043	39.202	ng	99
4) n-Nitrosodimethylamine	3.55	42	169168	45.891	ng	92
6) Aniline	7.03	93	728838	34.620	ng	100
8) 2-Chlorophenol	7.25	128	637661	47.619	ng	100
9) Benzaldehyde	6.85	77	495148	60.125	ng	99
10) Phenol	6.89	94	870500	48.150	ng	100
11) bis(2-Chloroethyl)ether	7.12	93	577853	41.900	ng	98
12) 1,3-Dichlorobenzene	7.57	146	615522	40.878	ng	97
13) 1,4-Dichlorobenzene	7.72	146	630733	41.146	ng	99
14) 1,2-Dichlorobenzene	8.03	146	609402	41.387	ng	100
15) Benzyl Alcohol	7.93	79	620400	45.441	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	584924	43.822	ng	97
17) 2-Methylphenol	8.13	107	556049	48.324	ng	98
18) Hexachloroethane	8.75	117	234732	41.948	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	564430	42.426	ng	99
20) 3+4-Methylphenols	8.46	107	755380	47.540	ng	99
22) Acetophenone	8.52	105	922361	39.368	ng	# 99
24) Nitrobenzene	8.89	77	796038	41.564	ng	99
25) Isophorone	9.41	82	1414922	48.061	ng	99
26) 2-Nitrophenol	9.60	139	335018	43.925	ng	97
27) 2,4-Dimethylphenol	9.65	122	599595	53.824	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	843368	44.299	ng	99
29) 2,4-Dichlorophenol	10.12	162	601094	46.993	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	598715	40.530	ng	96
31) Naphthalene	10.52	128	1850320	44.469	ng	99
32) Benzoic acid	9.82	122	402004	41.370	ng	98
33) 4-Chloroaniline	10.65	127	373349	20.073	ng	99
34) Hexachlorobutadiene	10.78	225	319788	37.296	ng	99
35) Caprolactam	11.46	113	96615	18.508	ng	96
36) 4-Chloro-3-methylphenol	11.77	107	700228	45.405	ng	100
37) 2-Methylnaphthalene	12.14	142	1389308	47.425	ng	99
38) 1-Methylnaphthalene	12.36	142	1323324	46.194	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	647193	39.657	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	841435	100.846	ng	98
43) 2,4,6-Trichlorophenol	12.76	196	483209	44.727	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	511026	45.129	ng	98
46) 1,1'-Biphenyl	13.16	154	1796234	40.904	ng	100
47) 2-Chloronaphthalene	13.20	162	1387797	40.916	ng	99
48) 2-Nitroaniline	13.43	65	494057	43.858	ng	98
49) Acenaphthylene	14.06	152	2298359	45.508	ng	99
50) Dimethylphthalate	13.80	163	1820675	42.822	ng	99
51) 2,6-Dinitrotoluene	13.93	165	404577	43.928	ng	96
52) Acenaphthene	14.40	154	1322135	42.693	ng	99
53) 3-Nitroaniline	14.27	138	266812	25.639	ng	96
54) 2,4-Dinitrophenol	14.47	184	523330	88.861	ng	98
55) Dibenzofuran	14.74	168	2150234	42.243	ng	99
56) 4-Nitrophenol	14.58	139	720788	86.766	ng	97
57) 2,4-Dinitrotoluene	14.72	165	576426	45.424	ng	98
58) Fluorene	15.39	166	1773211	45.536	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	466401	46.598	ng	99
60) Diethylphthalate	15.17	149	1882612	42.925	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	867814	39.747	ng	98
62) 4-Nitroaniline	15.44	138	413932	40.573	ng	96
63) Azobenzene	15.68	77	2000996	42.552	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	315006	38.725	ng	95
66) n-Nitrosodiphenylamine	15.60	169	1552898	42.424	ng	99
67) 4-Bromophenyl-phenylether	16.28	248	520740	40.155	ng	98
68) Hexachlorobenzene	16.39	284	611448	40.564	ng	96
69) Atrazine	16.56	200	542246	45.950	ng	98
70) Pentachlorophenol	16.74	266	780816	80.449	ng	99
71) Phenanthrene	17.13	178	2770426	44.495	ng	99
72) Anthracene	17.22	178	2846598	46.971	ng	100
73) Carbazole	17.50	167	2621500	41.403	ng	99
74) Di-n-butylphthalate	18.06	149	3261260	44.786	ng	99
75) Fluoranthene	19.16	202	3223505	44.819	ng	99
77) Benzidine	19.36	184	2158538	74.707	ng	100
78) Pyrene	19.52	202	3273129	43.928	ng	100
80) Butylbenzylphthalate	20.42	149	1581951	46.586	ng	99
81) Benzo(a)anthracene	21.27	228	3233518	43.238	ng	100
82) 3,3'-Dichlorobenzidine	21.21	252	815878	27.605	ng	100
83) Chrysene	21.32	228	3107005	43.346	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2320528	46.690	ng	100
85) Di-n-octyl phthalate	22.07	149	4050755	48.493	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	3582703	43.292	ng	100
88) Benzo(b)fluoranthene	22.86	252	3511142	46.772	ng	100
89) Benzo(k)fluoranthene	22.90	252	3307031	44.250	ng	99
90) Benzo(a)pyrene	23.44	252	3279309	46.113	ng	99
91) Dibenzo(a,h)anthracene	25.82	278	3077446	43.679	ng	98
92) Benzo(g,h,i)perylene	26.51	276	2808672	42.820	ng	99

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

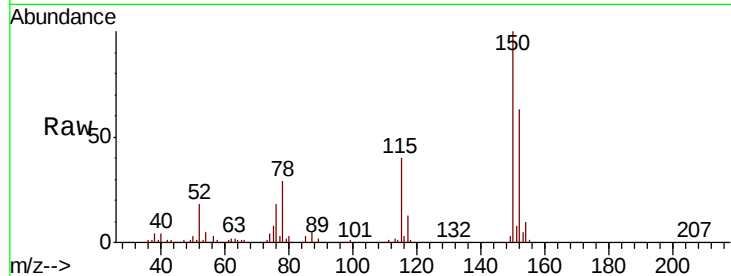


#1

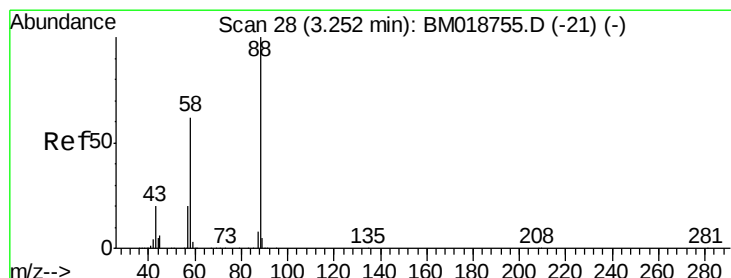
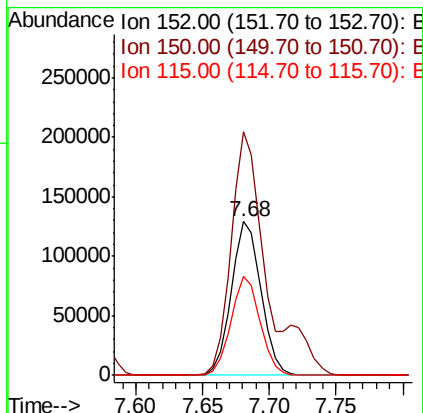
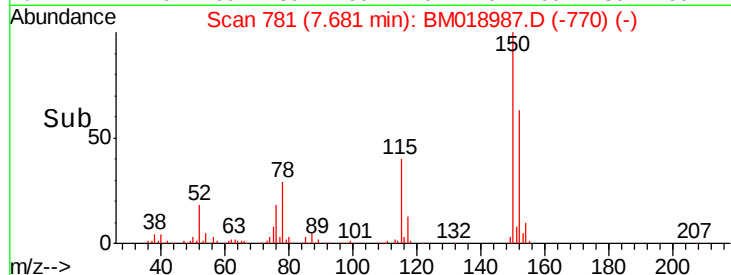
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:152 Resp: 199841
Ion Ratio Lower Upper
152 100
150 158.2 127.3 190.9
115 64.0 50.8 76.2



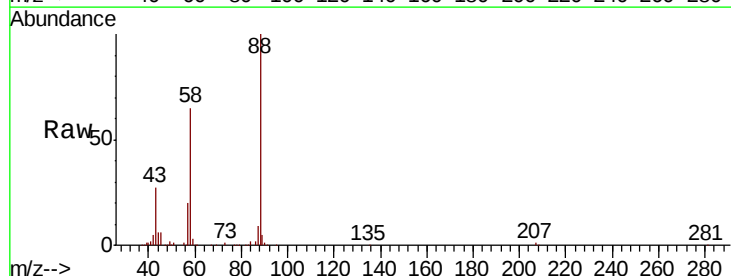
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



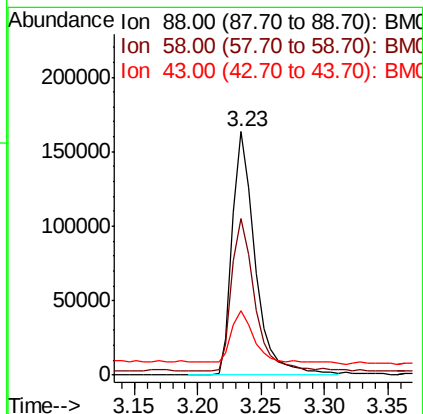
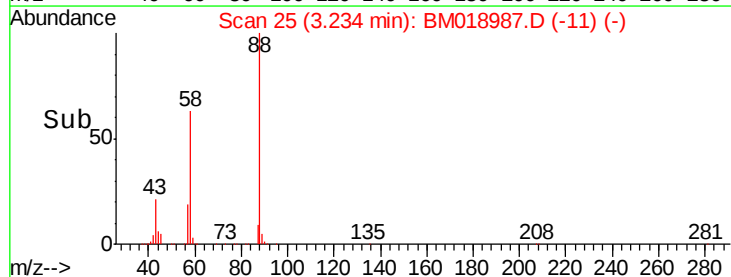
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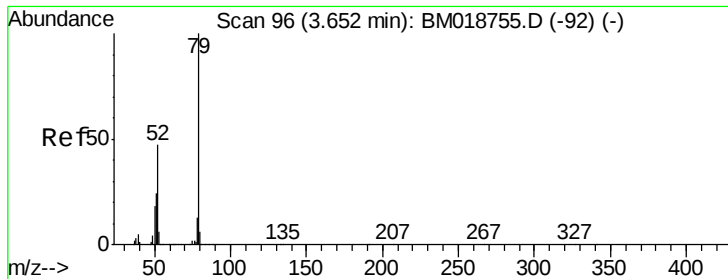
1,4-Dioxane
Concen: 38.020 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.02 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion: 88 Resp: 201970
Ion Ratio Lower Upper
88 100
58 64.1 49.8 74.6
43 20.1 16.7 25.1



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

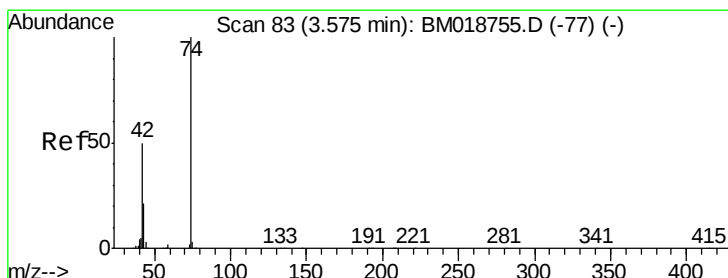
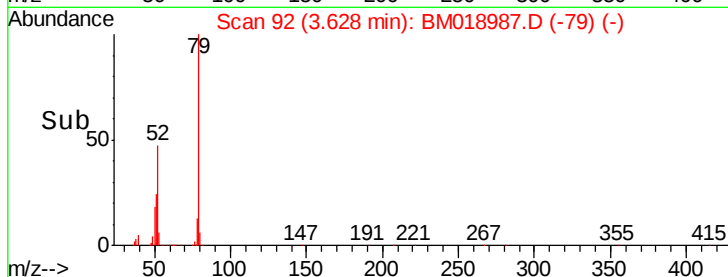
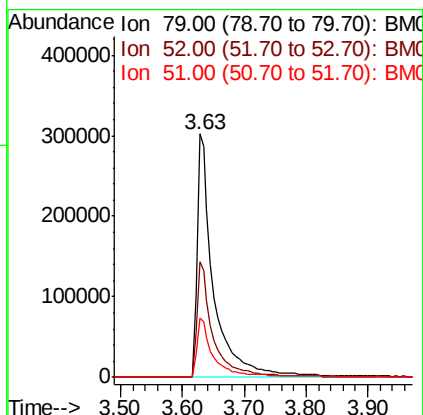
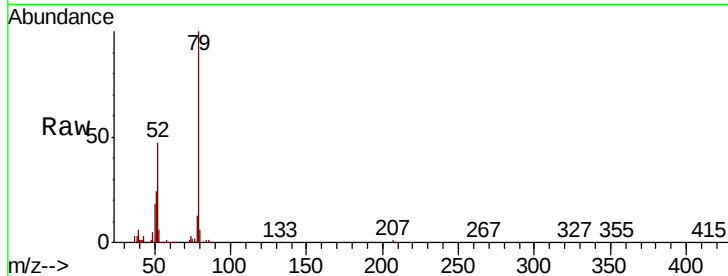




#3
 Pyridine
 Concen: 39.202 ng
 RT: 3.63 min Scan# 92
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

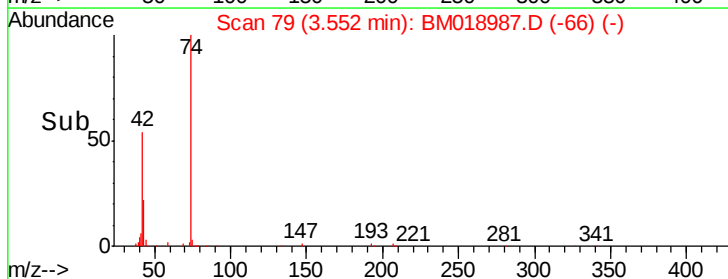
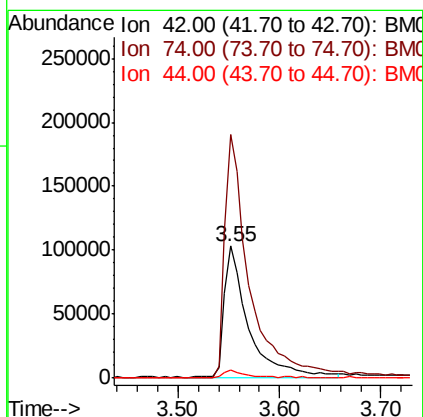
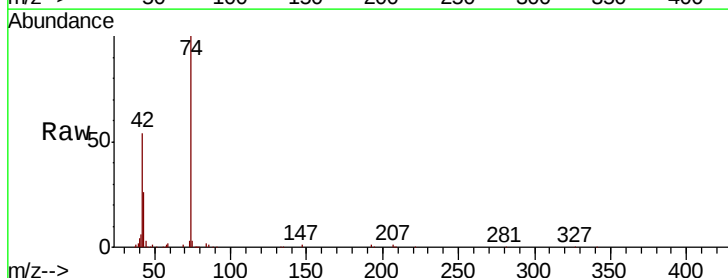
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

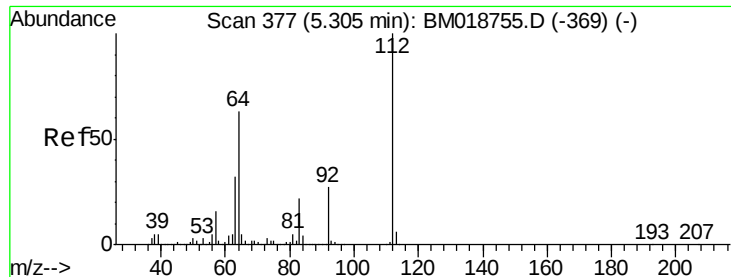
Tgt Ion: 79 Resp: 568043
 Ion Ratio Lower Upper
 79 100
 52 47.3 37.6 56.4
 51 24.2 19.7 29.5



#4
 n-Nitrosodimethylamine
 Concen: 45.891 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion: 42 Resp: 169168
 Ion Ratio Lower Upper
 42 100
 74 185.0 158.1 237.1
 44 5.8 4.9 7.3





#5

2-Fluorophenol

Concen: 144.696 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

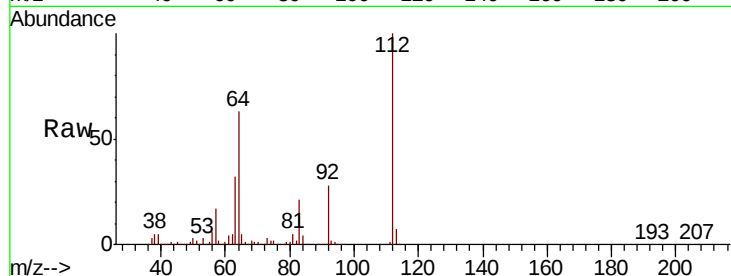
Tgt Ion:112 Resp: 1764824

Ion Ratio Lower Upper

112 100

64 62.8 50.6 75.8

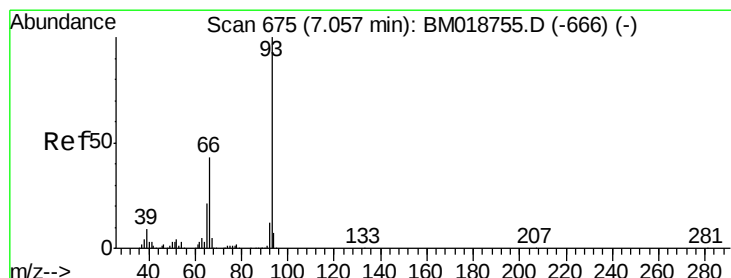
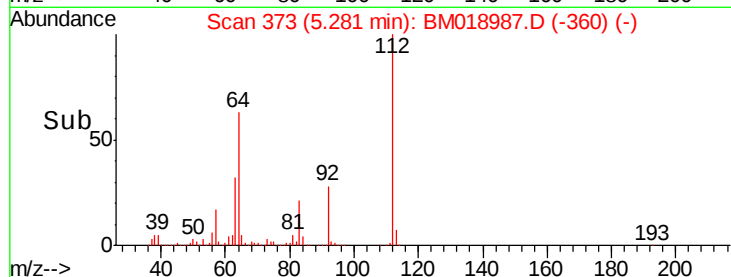
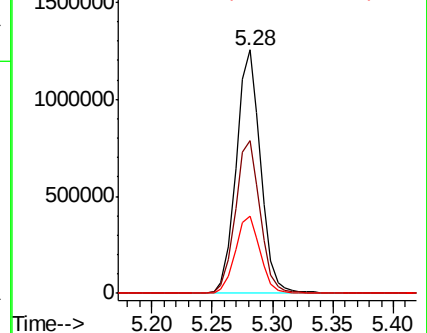
63 31.9 25.7 38.5



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: 34.620 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

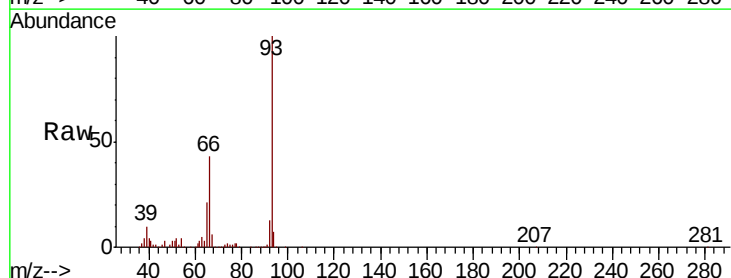
Tgt Ion: 93 Resp: 728838

Ion Ratio Lower Upper

93 100

66 42.6 34.1 51.1

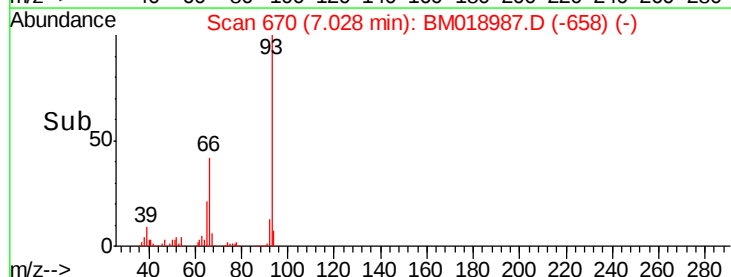
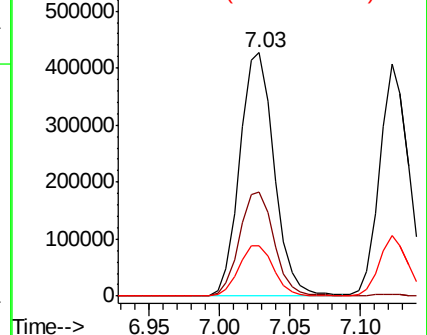
65 20.9 16.6 24.8

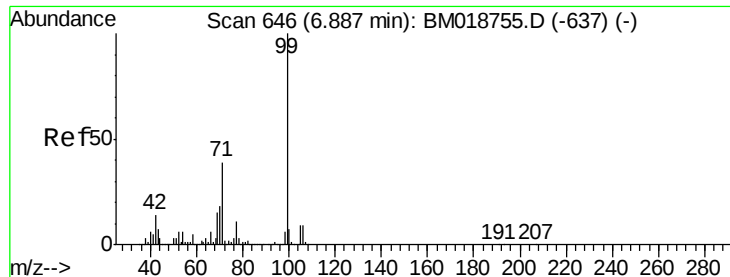


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 143.961 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

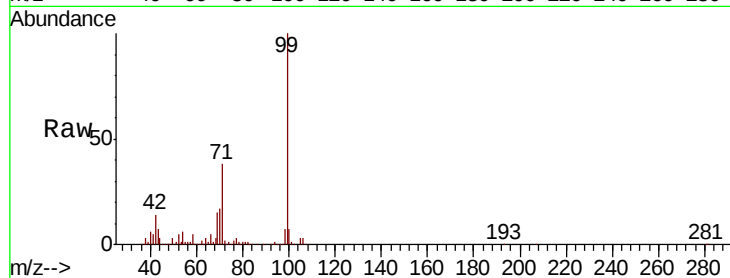
BNA_M

ClientSampleId :

PB117349BSD

Tgt Ion: 99 Resp: 2473577

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.6
71	37.7	31.3	46.9

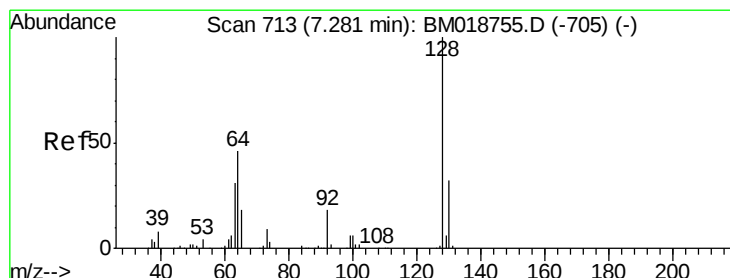
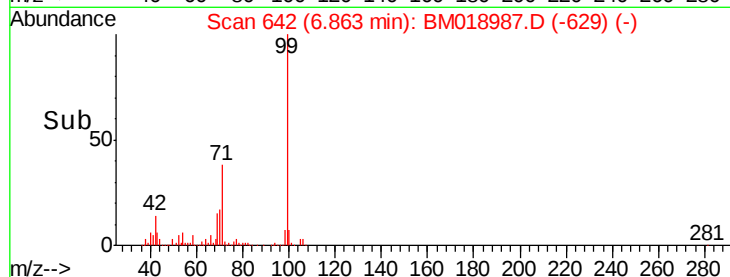
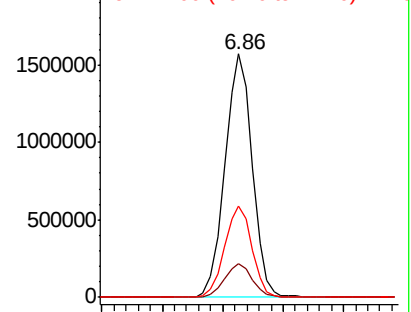


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 47.619 ng

RT: 7.25 min Scan# 708

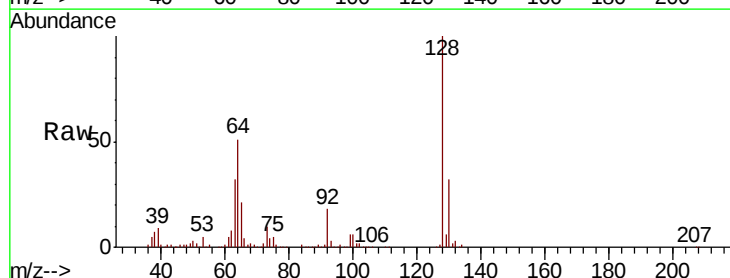
Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Tgt Ion: 128 Resp: 637661

Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.7	51.7
64	50.9	31.0	71.0

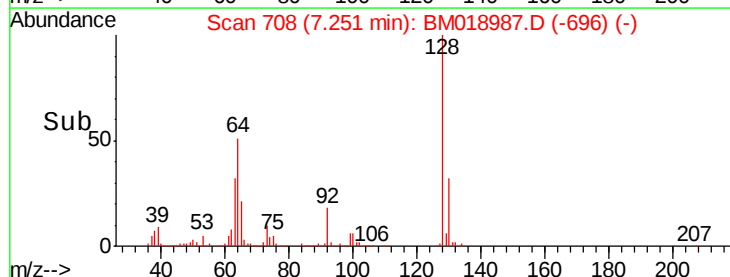
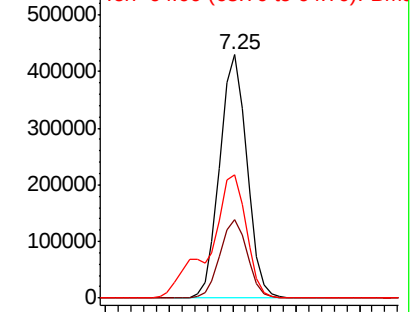


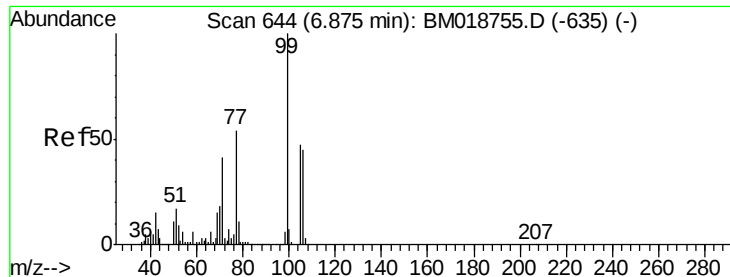
Abundance

Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 60.125 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

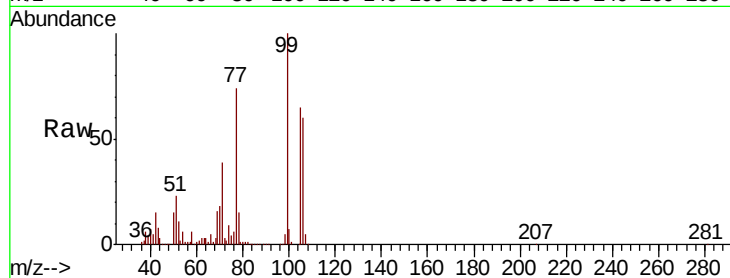
Tgt Ion: 77 Resp: 495148

Ion Ratio Lower Upper

77 100

105 88.4 67.3 107.3

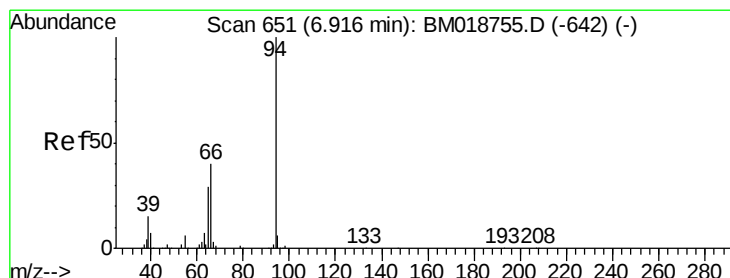
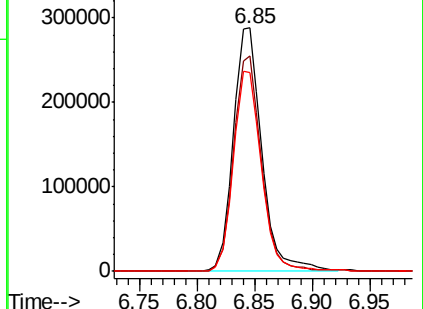
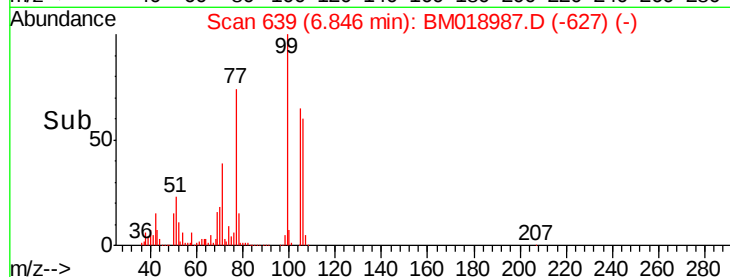
106 81.9 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018987.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018987.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018987.D (-627) (-)



#10

Phenol

Concen: 48.150 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

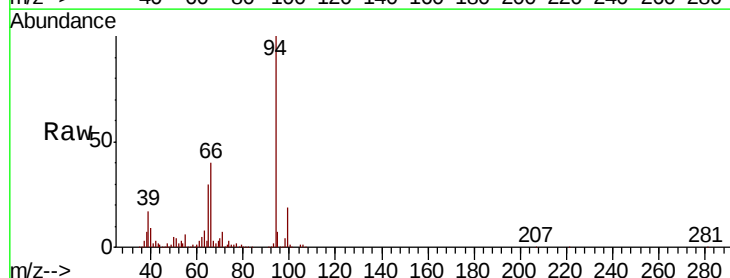
Tgt Ion: 94 Resp: 870500

Ion Ratio Lower Upper

94 100

65 29.7 9.6 49.6

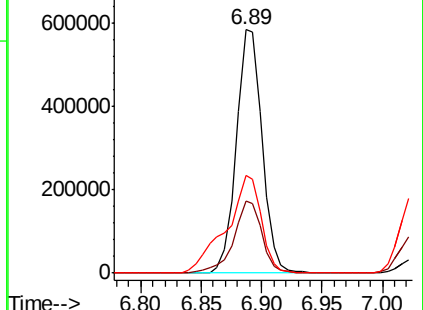
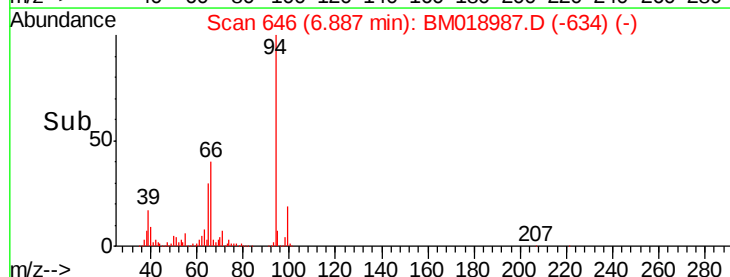
66 40.1 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BM018987.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018987.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018987.D (-634) (-)

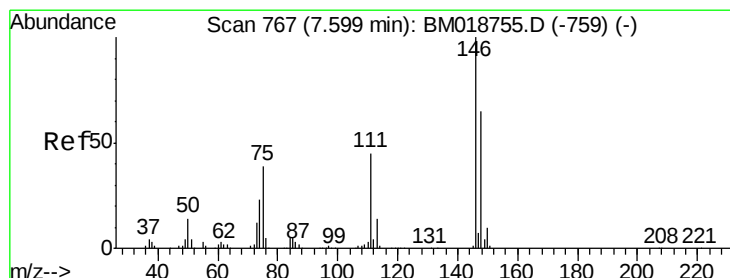
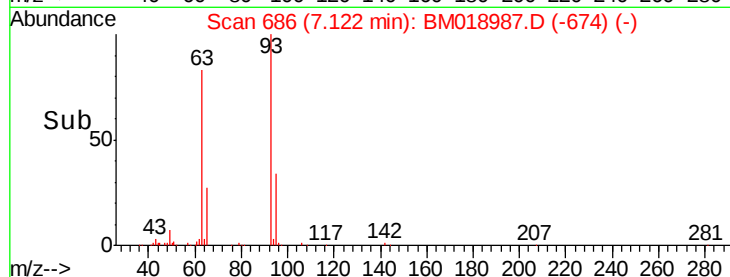
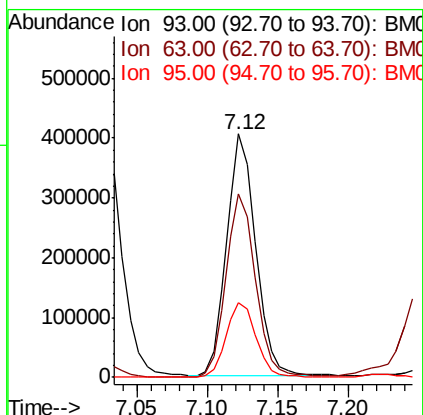
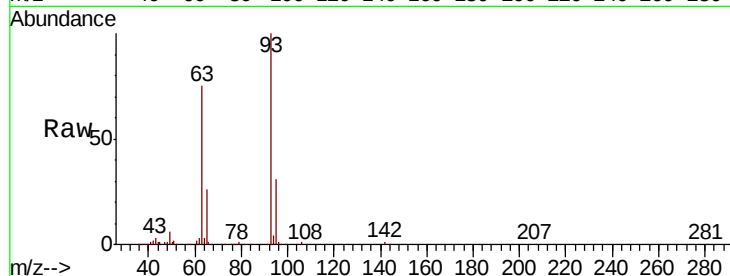




#11
bis(2-Chloroethyl)ether
Concen: 41.900 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

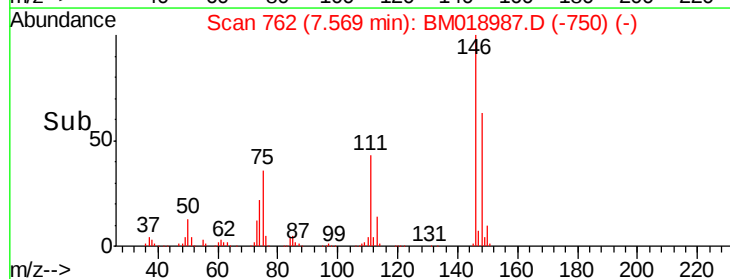
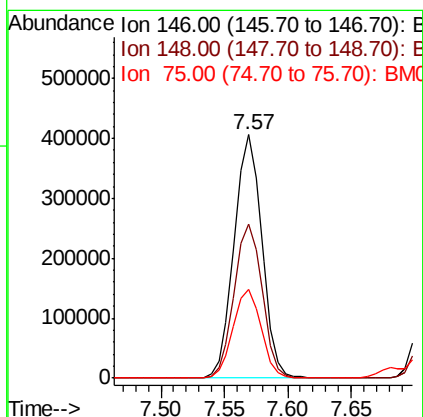
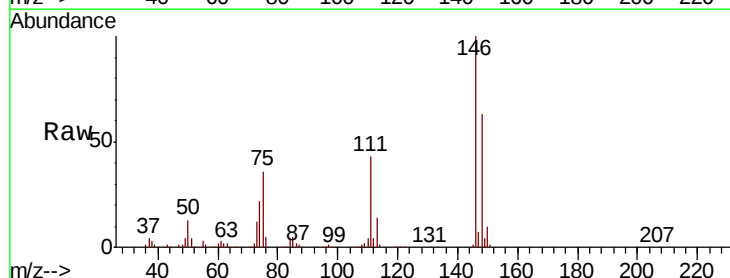
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

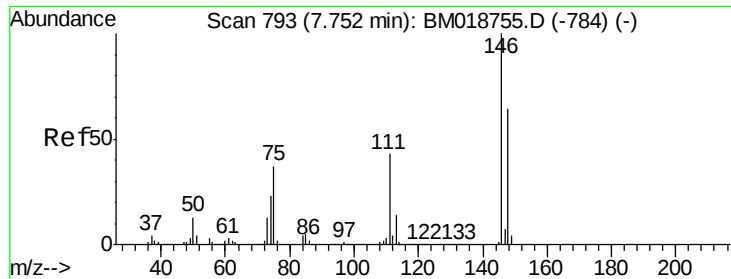
Tgt Ion: 93 Resp: 577853
Ion Ratio Lower Upper
93 100
63 75.2 57.0 97.0
95 30.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.878 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.03 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion: 146 Resp: 615522
Ion Ratio Lower Upper
146 100
148 63.4 51.7 77.5
75 36.4 31.3 46.9

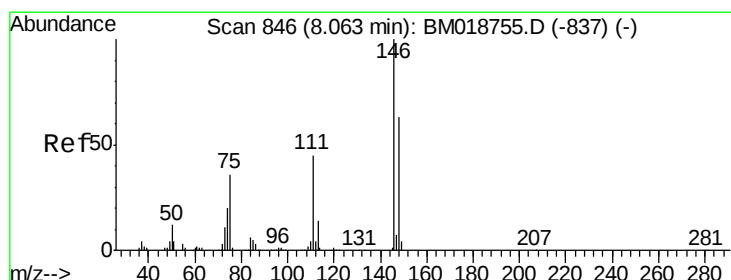
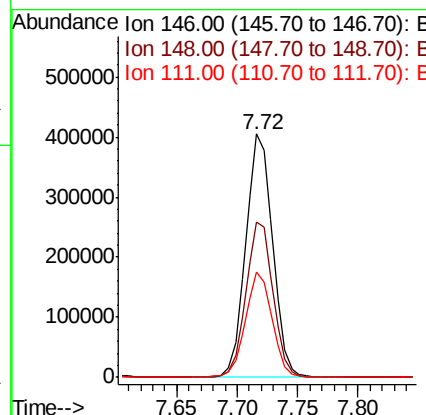
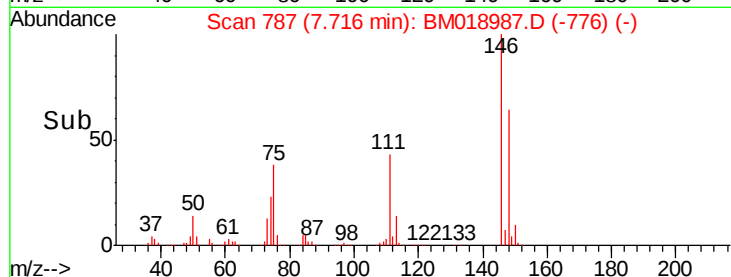
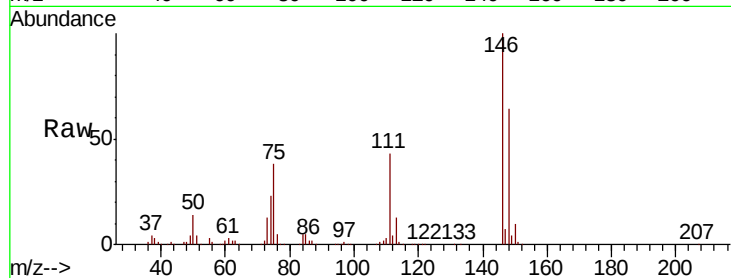




#13
 1,4-Dichlorobenzene
 Concen: 41.146 ng
 RT: 7.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

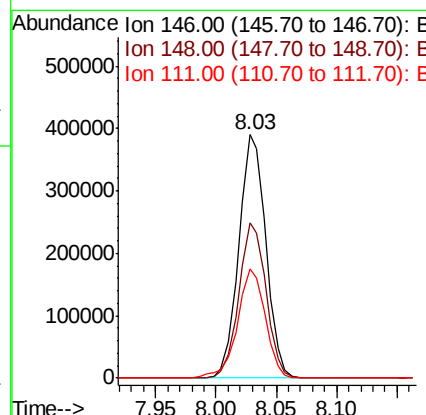
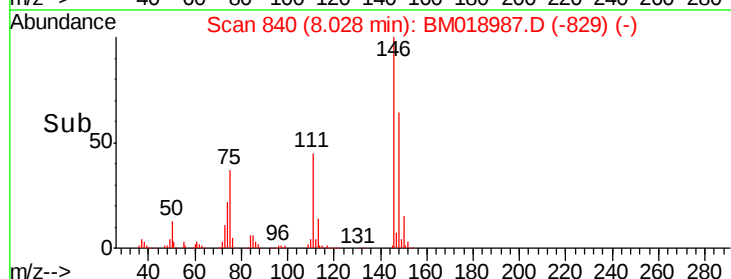
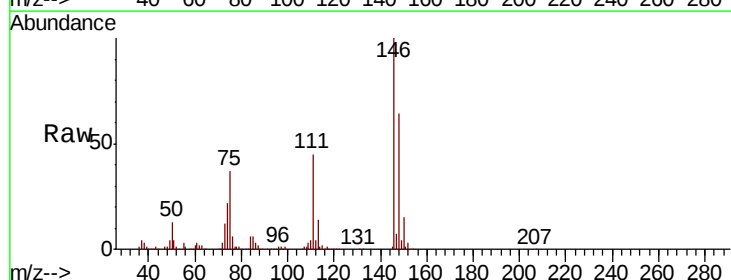
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

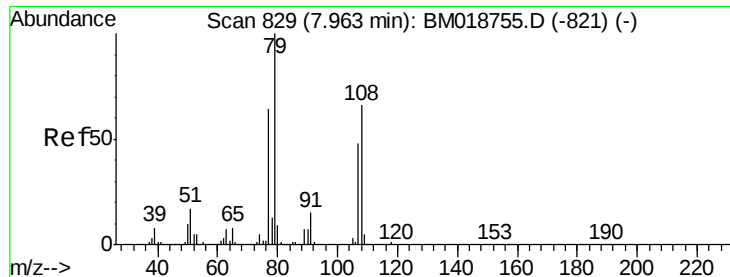
Tgt Ion:146 Resp: 630733
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.2
 111 43.0 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 41.387 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.04 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion:146 Resp: 609402
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.7 76.1
 111 44.8 35.9 53.9





#15

Benzyl Alcohol

Concen: 45.441 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

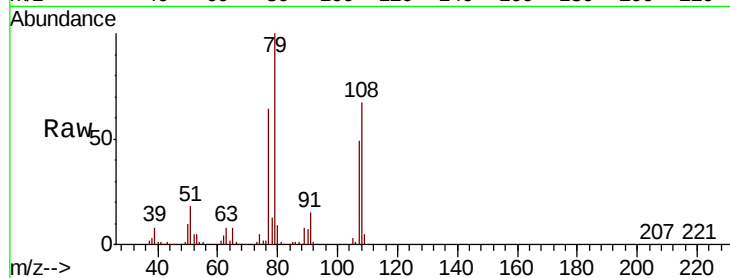
Tgt Ion: 79 Resp: 620400

Ion Ratio Lower Upper

79 100

108 66.8 52.7 79.1

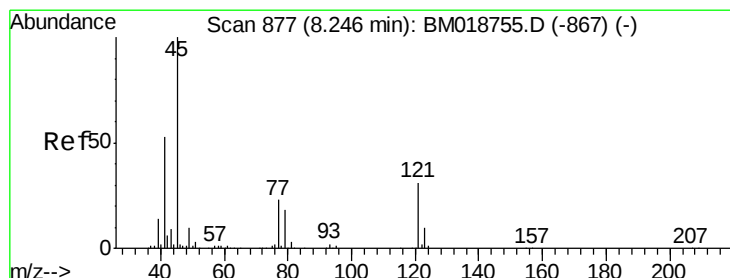
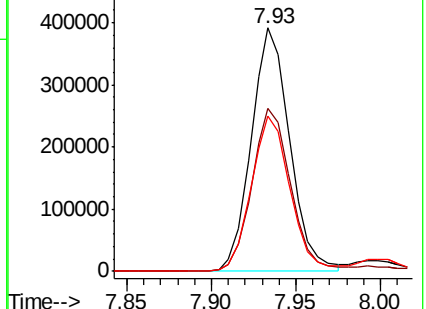
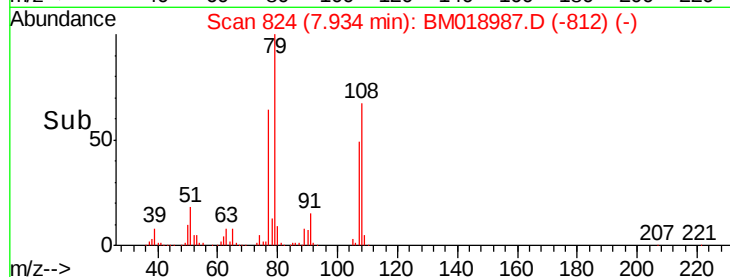
77 63.8 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018987.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM018987.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM018987.D (-812) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.822 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

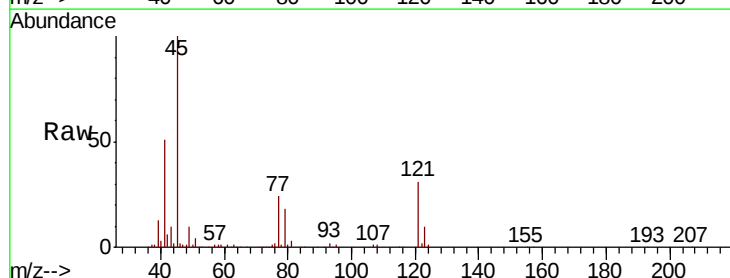
Tgt Ion: 45 Resp: 584924

Ion Ratio Lower Upper

45 100

77 23.5 5.0 45.0

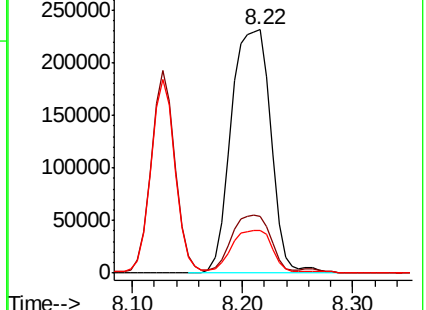
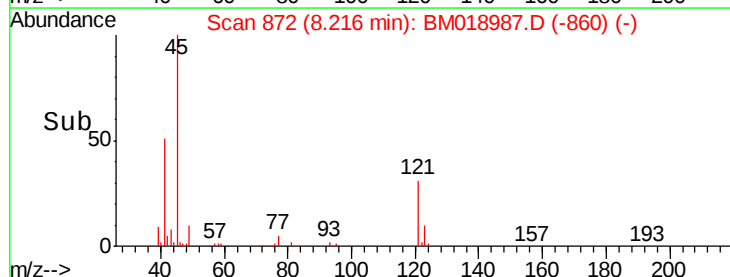
79 17.7 0.0 39.3

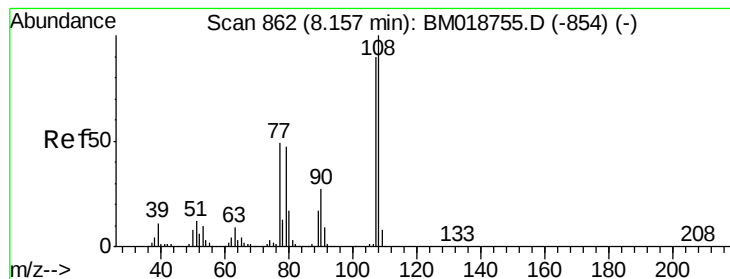


Abundance Ion 45.00 (44.70 to 45.70): BM018987.D (-860) (-)

Ion 77.00 (76.70 to 77.70): BM018987.D (-860) (-)

Ion 79.00 (78.70 to 79.70): BM018987.D (-860) (-)





#17

2-Methylphenol

Concen: 48.324 ng

RT: 8.13 min Scan# 857

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tgt Ion:107 Resp: 556049

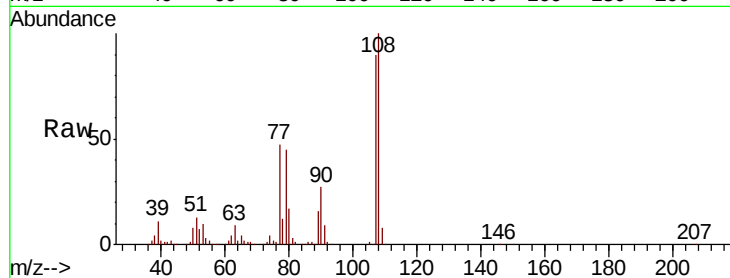
Ion Ratio Lower Upper

107 100

108 111.4 88.8 133.2

77 52.8 44.0 66.0

79 50.6 42.4 63.6

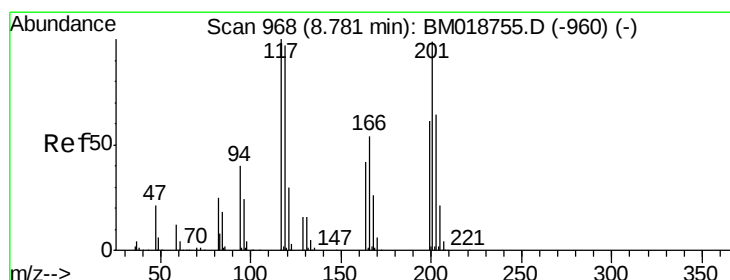
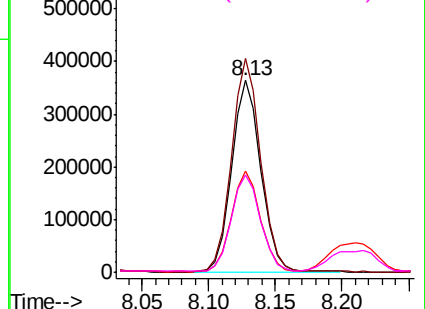
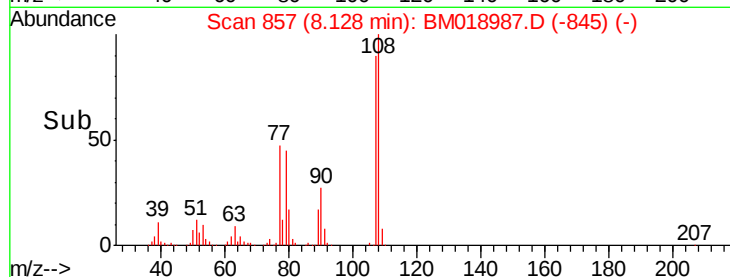


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 41.948 ng

RT: 8.75 min Scan# 962

Delta R.T. -0.04 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

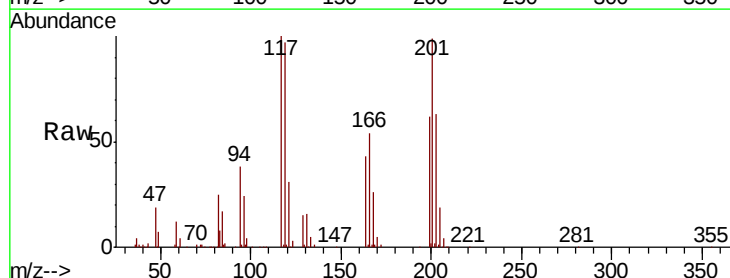
Tgt Ion:117 Resp: 234732

Ion Ratio Lower Upper

117 100

119 96.6 77.9 116.9

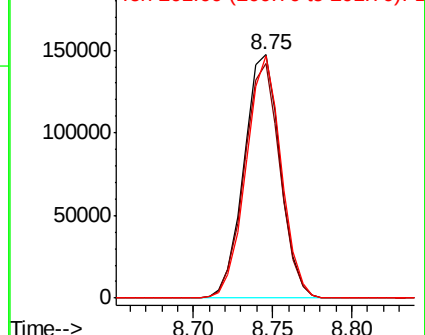
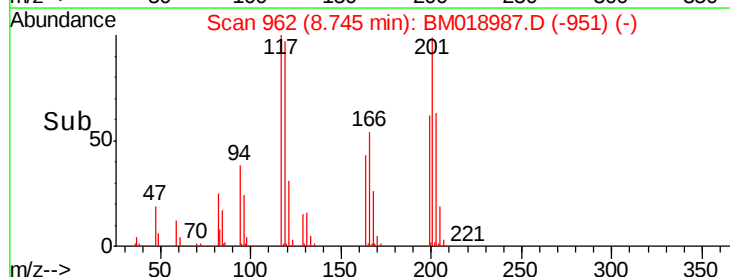
201 99.5 79.2 118.8

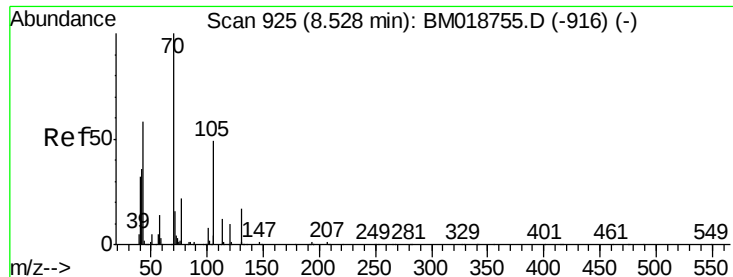


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

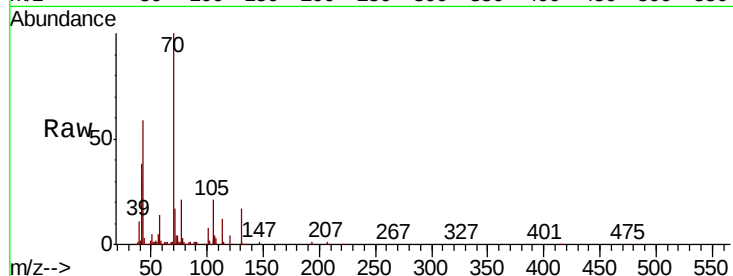




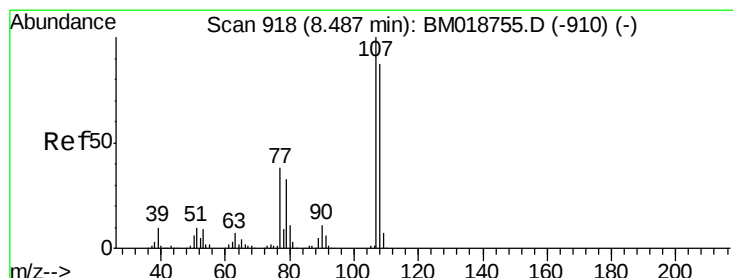
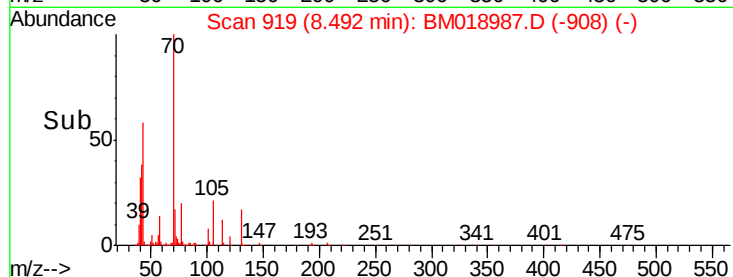
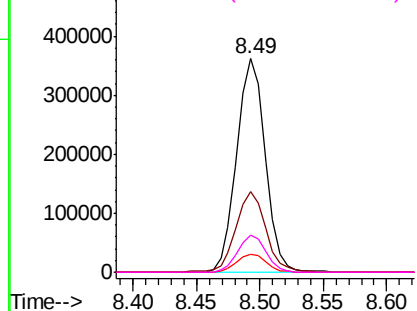
#19
n-Nitroso-di-n-propylamine
Concen: 42.426 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.04 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion: 70 Resp: 564430
Ion Ratio Lower Upper
70 100
42 37.7 29.4 44.0
101 8.5 6.7 10.1
130 17.5 14.0 21.0

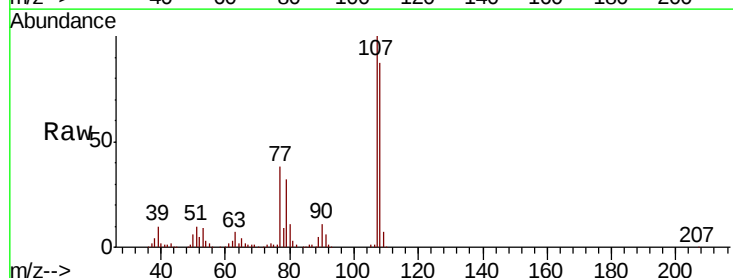


Abundance Ion 70.00 (69.70 to 70.70): BM018755.D (-916) (-)
Ion 42.00 (41.70 to 42.70): BM018755.D (-916) (-)
Ion 101.00 (100.70 to 101.70): BM018755.D (-916) (-)
Ion 130.00 (129.70 to 130.70): BM018755.D (-916) (-)

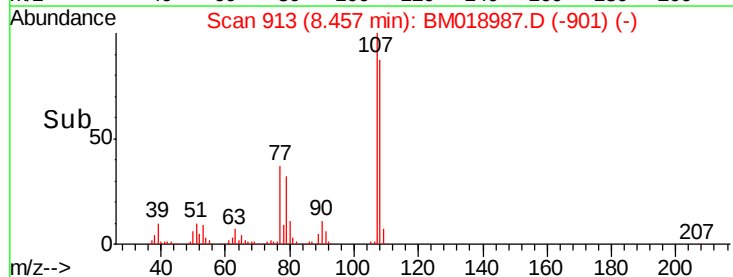
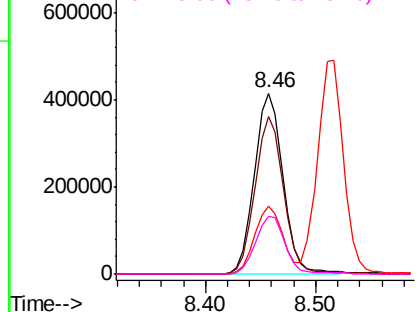


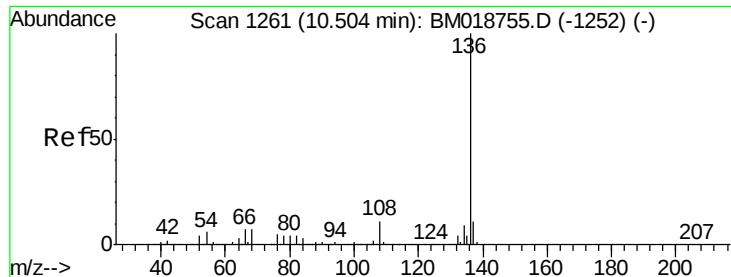
#20
3+4-Methylphenols
Concen: 47.540 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion: 107 Resp: 755380
Ion Ratio Lower Upper
107 100
108 87.4 67.3 107.3
77 37.5 18.0 58.0
79 32.0 12.8 52.8



Abundance Ion 107.00 (106.70 to 107.70): BM018755.D (-910) (-)
Ion 108.00 (107.70 to 108.70): BM018755.D (-910) (-)
Ion 77.00 (76.70 to 77.70): BM018755.D (-910) (-)
Ion 79.00 (78.70 to 79.70): BM018755.D (-910) (-)

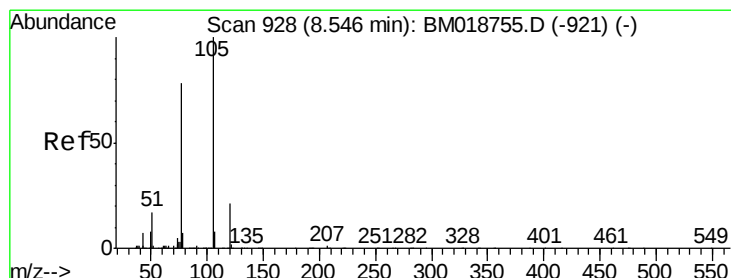
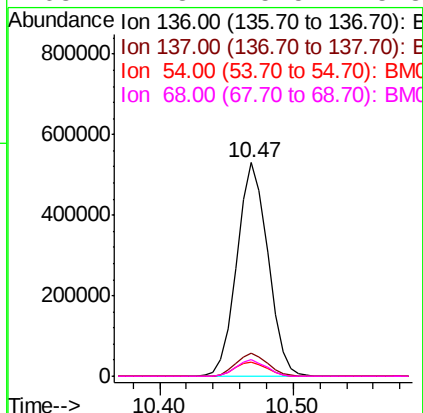
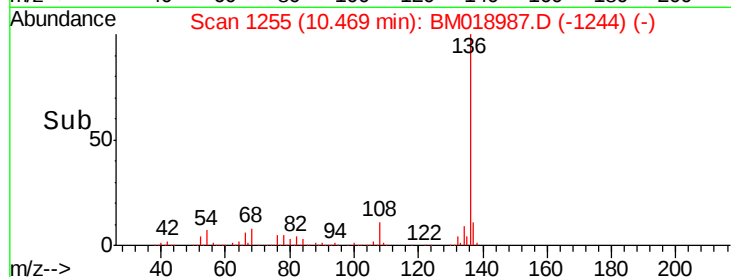
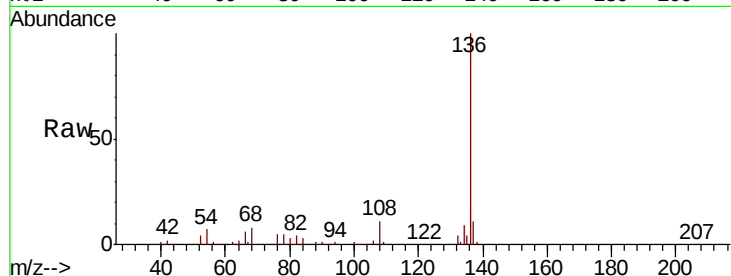




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

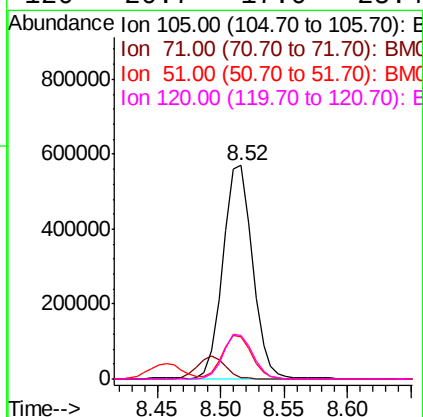
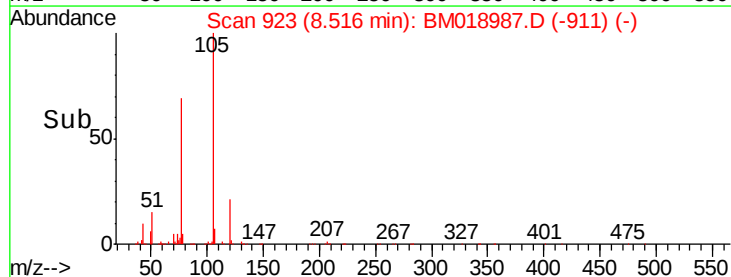
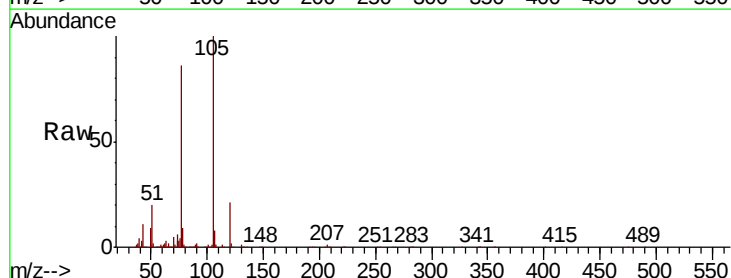
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

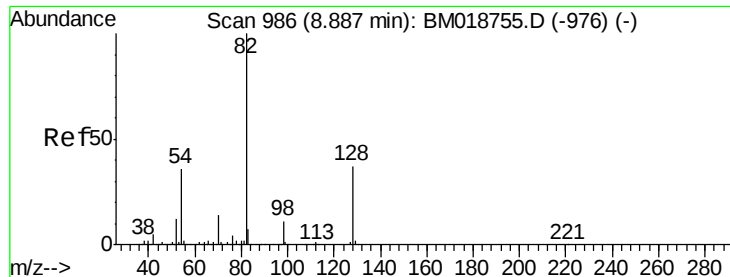
Tgt Ion:	136	Resp:	853149
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.0	7.6
68	7.8	5.5	8.3



#22
Acetophenone
Concen: 39.368 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion:	105	Resp:	922361
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.1	1.7#
51	19.6	15.5	23.3
120	20.7	17.0	25.4

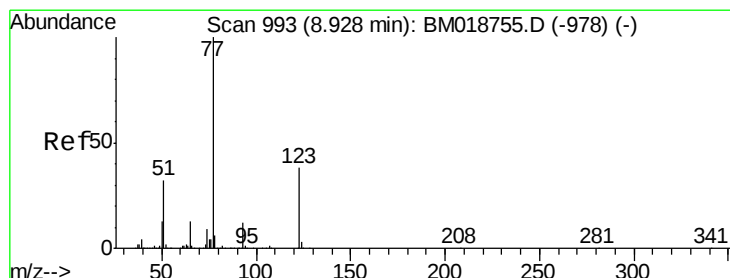
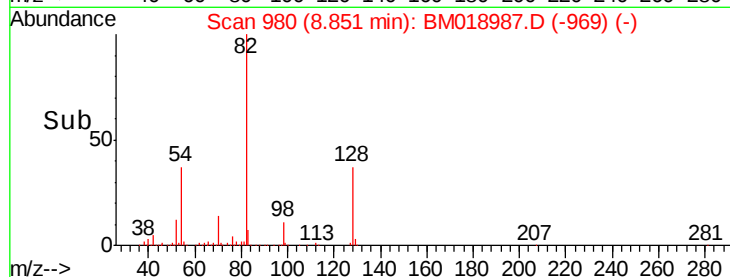
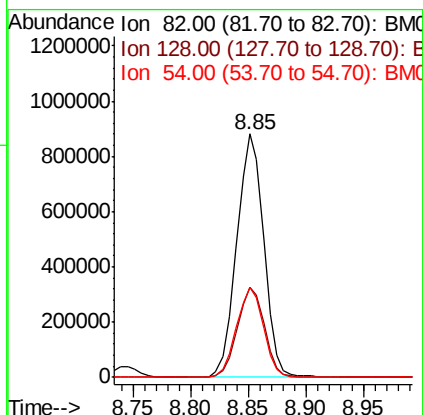
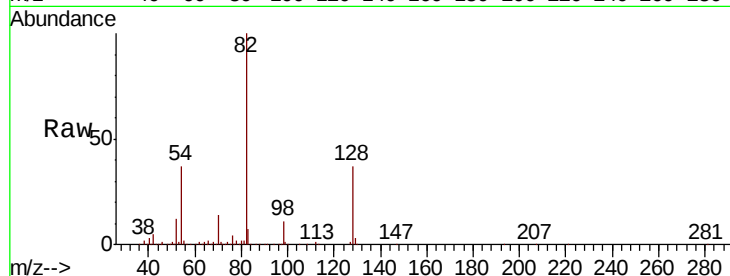




#23
 Nitrobenzene-d5
 Concen: 77.542 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.04 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

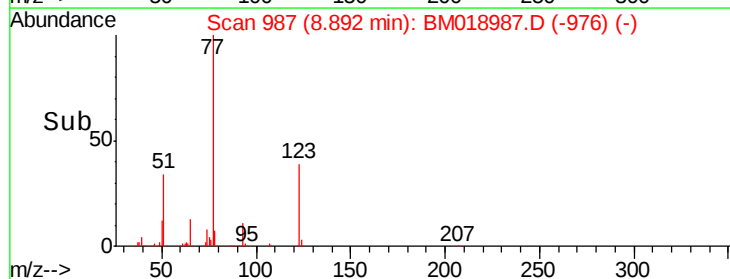
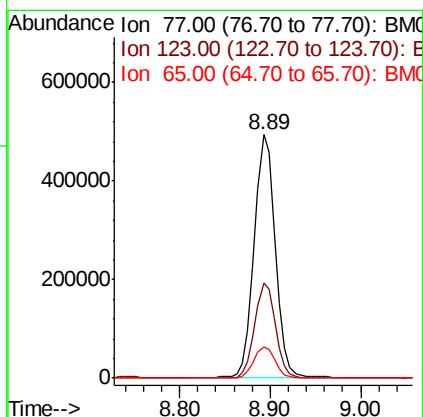
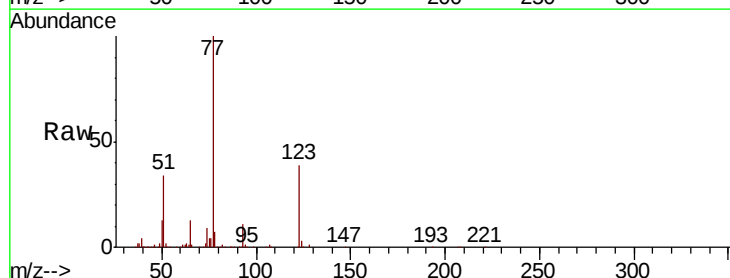
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

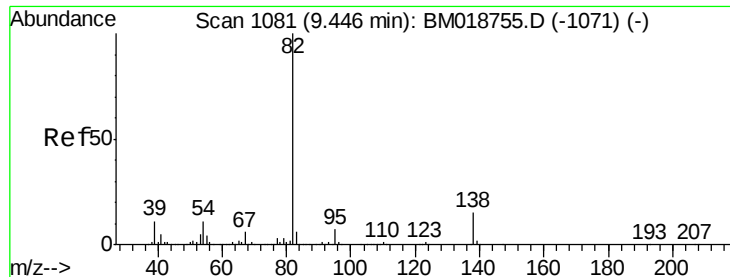
Tgt Ion: 82 Resp: 1430724
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.9 44.9
 54 36.8 29.1 43.7



#24
 Nitrobenzene
 Concen: 41.564 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion: 77 Resp: 796038
 Ion Ratio Lower Upper
 77 100
 123 39.1 30.7 46.1
 65 12.8 10.5 15.7





#25

Isophorone

Concen: 48.061 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

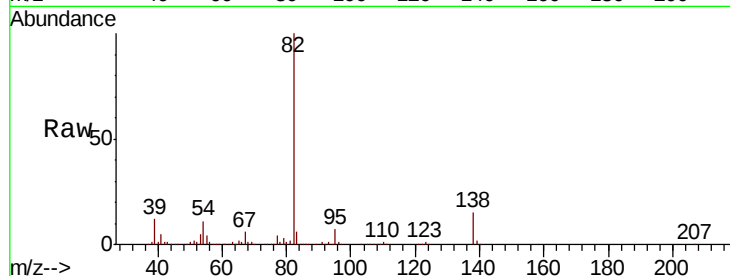
Tgt Ion: 82 Resp: 1414922

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

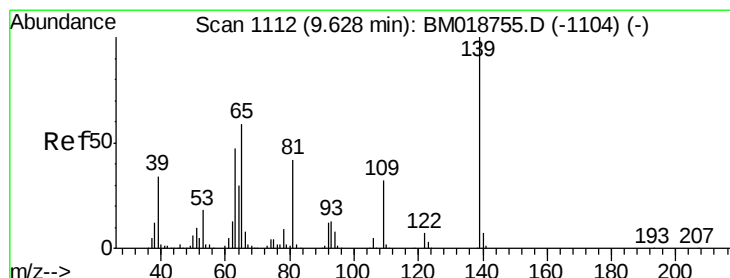
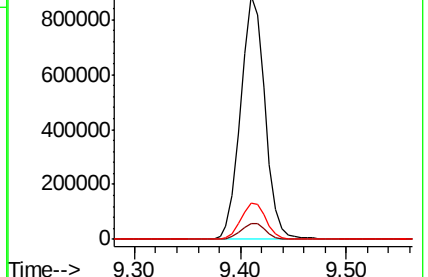
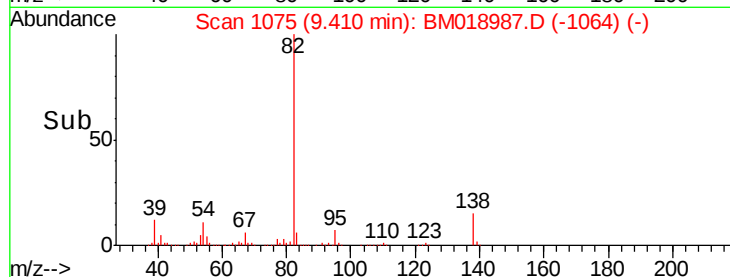
138 15.0 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018987.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018987.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018987.D (-1064) (-)



#26

2-Nitrophenol

Concen: 43.925 ng

RT: 9.60 min Scan# 1107

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

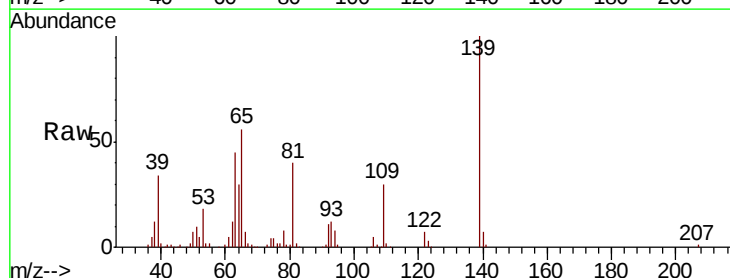
Tgt Ion: 139 Resp: 335018

Ion Ratio Lower Upper

139 100

109 29.9 25.2 37.8

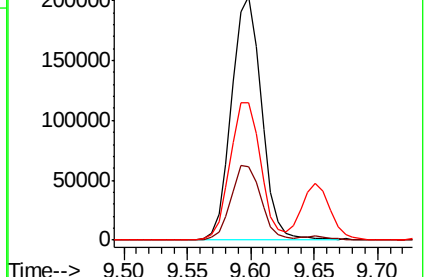
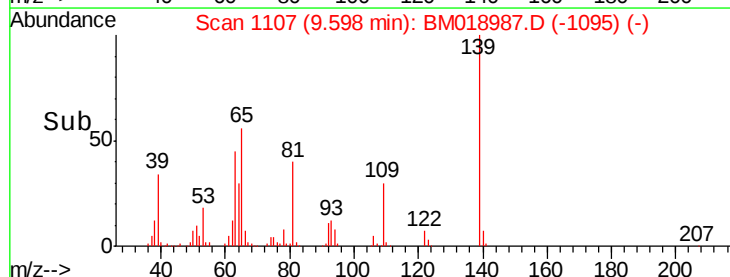
65 56.4 47.0 70.4

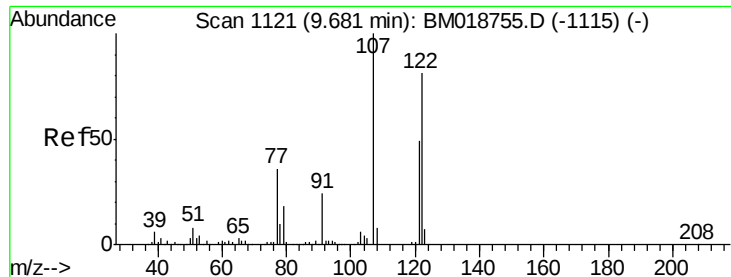


Abundance Ion 139.00 (138.70 to 139.70): BM018987.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018987.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018987.D (-1095) (-)

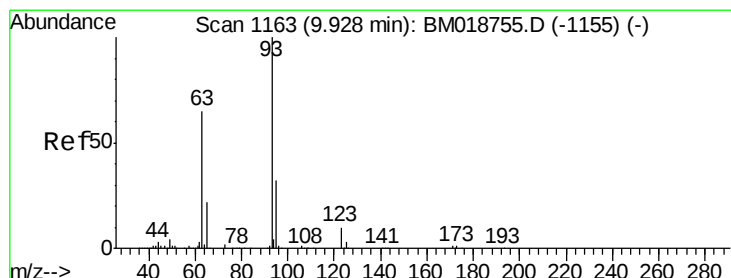
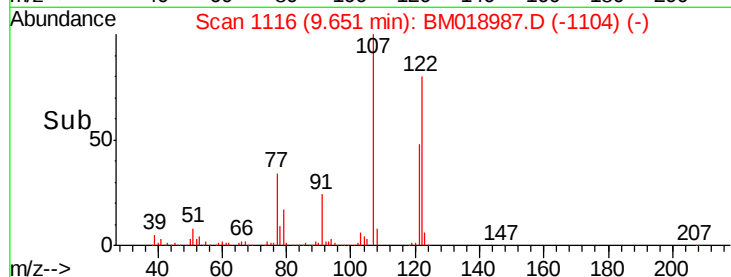
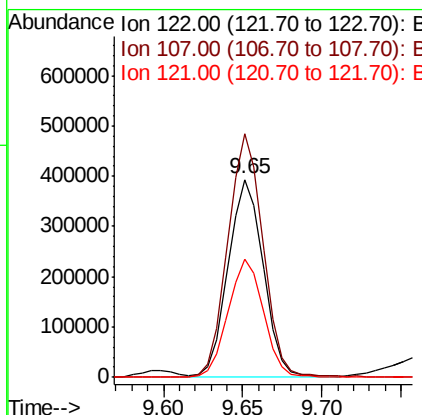
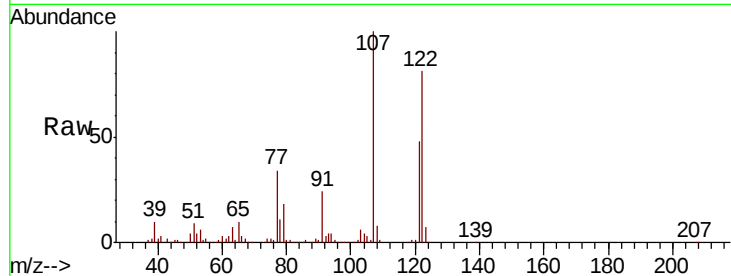




#27
 2,4-Dimethylphenol
 Concen: 53.824 ng
 RT: 9.65 min Scan# 1116
 Delta R.T. -0.03 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

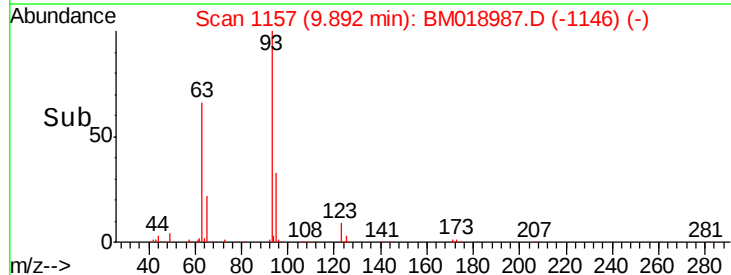
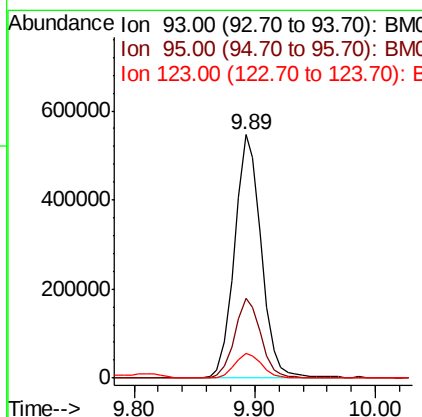
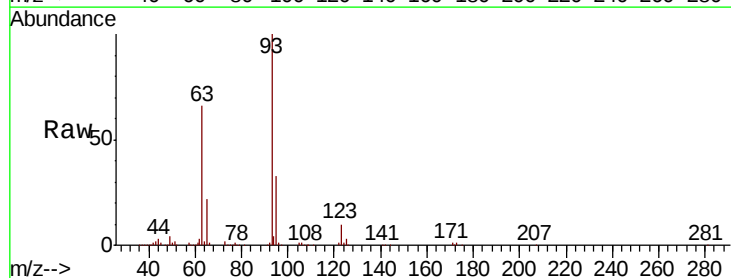
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

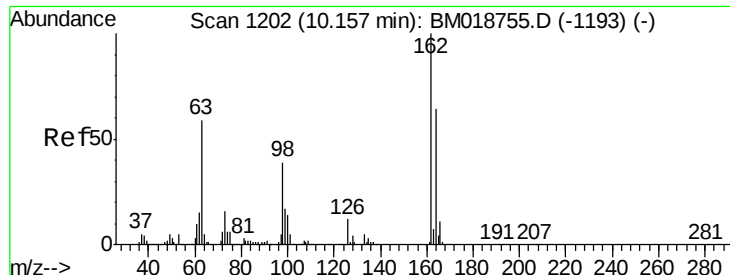
Tgt Ion:122 Resp: 599595
 Ion Ratio Lower Upper
 122 100
 107 123.2 97.6 146.4
 121 59.6 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.299 ng
 RT: 9.89 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion: 93 Resp: 843368
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.6 38.4
 123 10.1 8.2 12.4

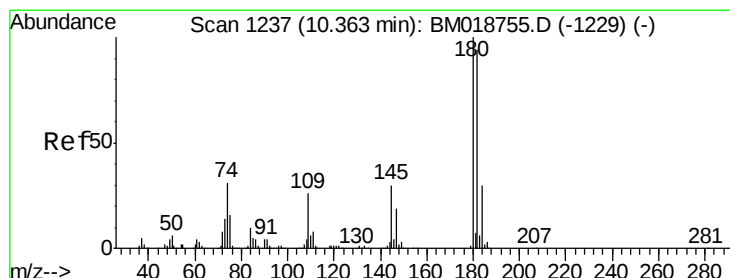
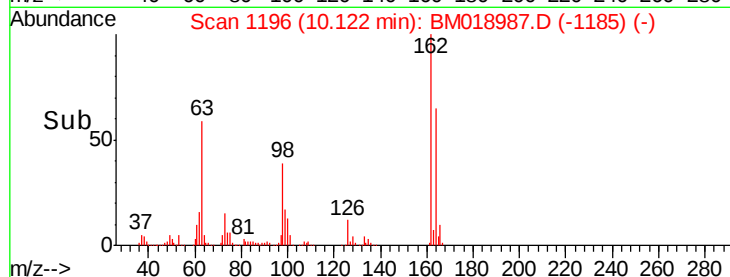
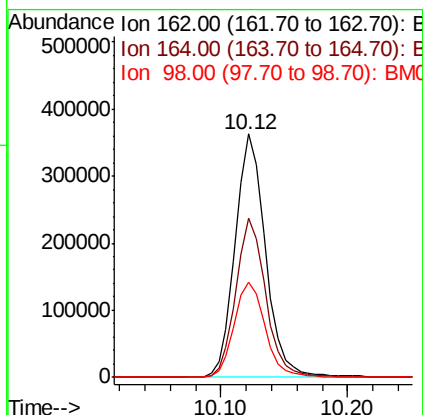
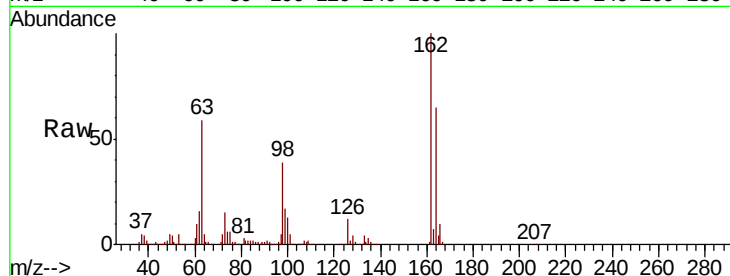




#29
2,4-Dichlorophenol
Concen: 46.993 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

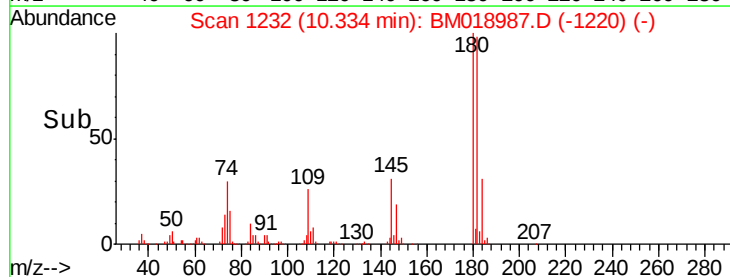
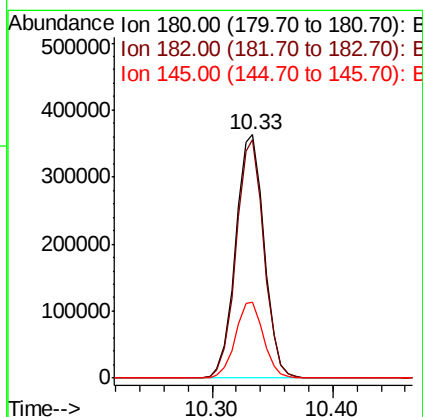
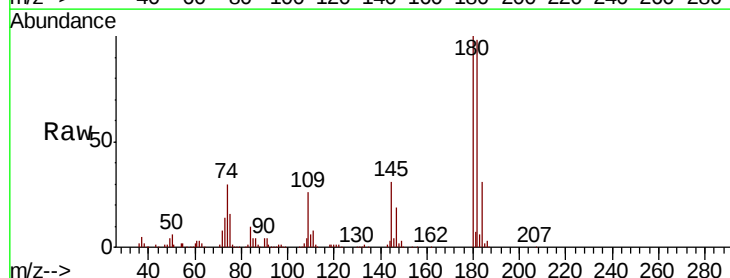
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

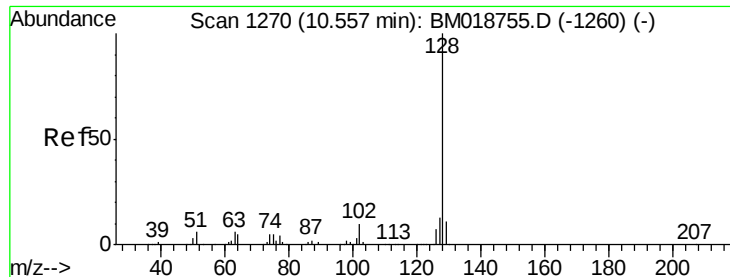
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.1	84.1
98	38.9	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 40.530 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.0	112.6
145	31.1	24.1	36.1

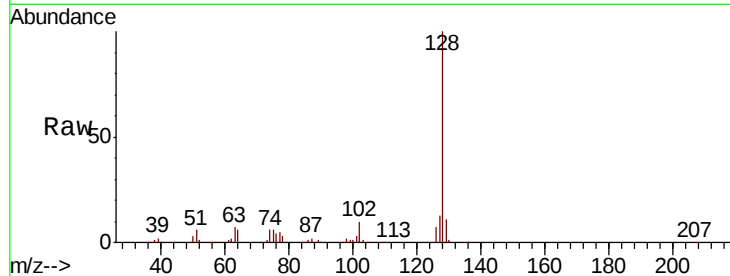




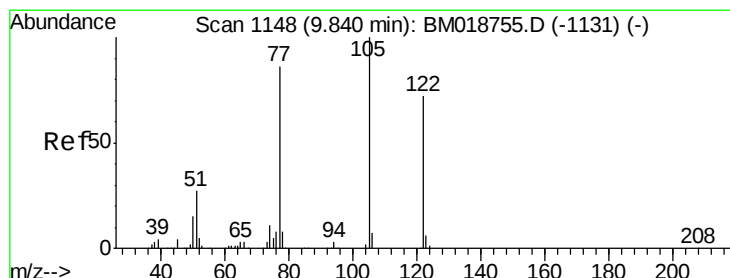
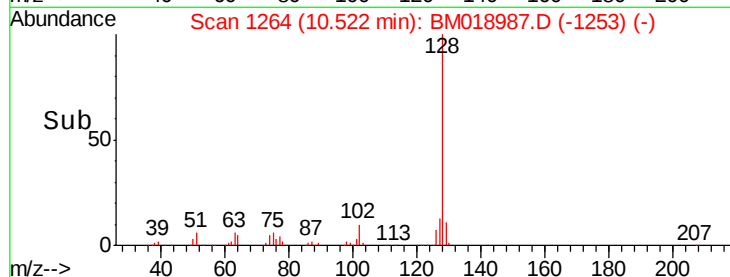
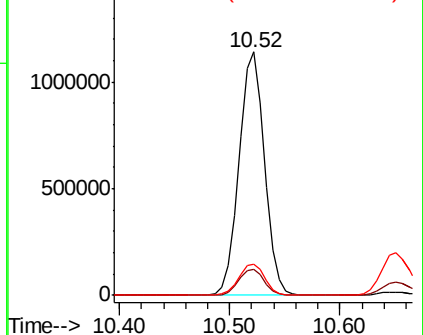
#31
Naphthalene
Concen: 44.469 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.04 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:128 Resp: 1850320
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.7 16.1

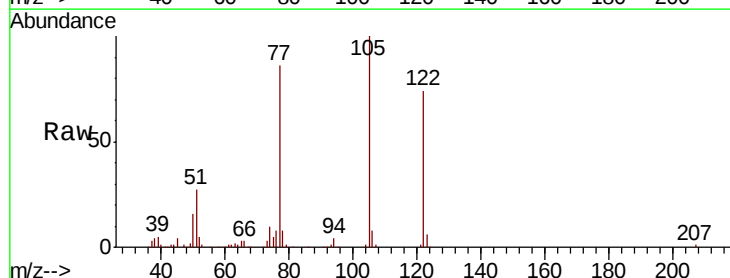


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

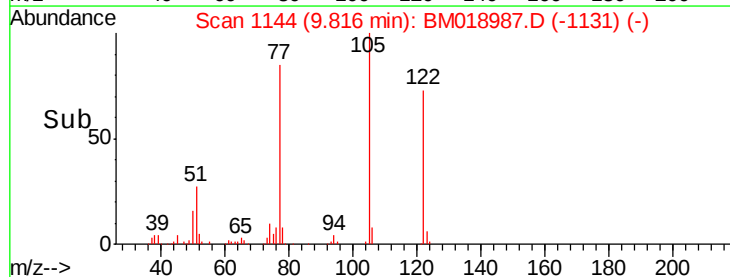
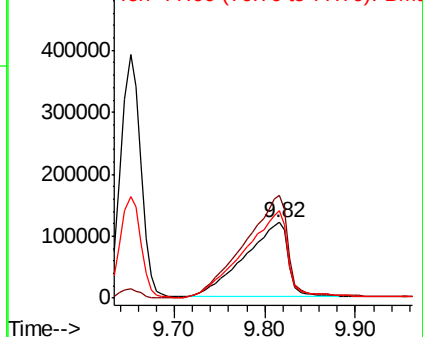


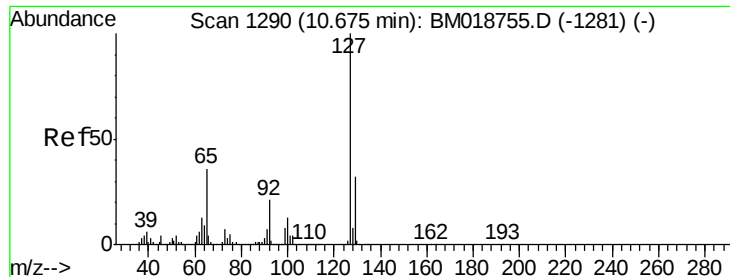
#32
Benzoic acid
Concen: 41.370 ng
RT: 9.82 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion:122 Resp: 402004
Ion Ratio Lower Upper
122 100
105 134.8 117.5 157.5
77 115.8 98.5 138.5



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

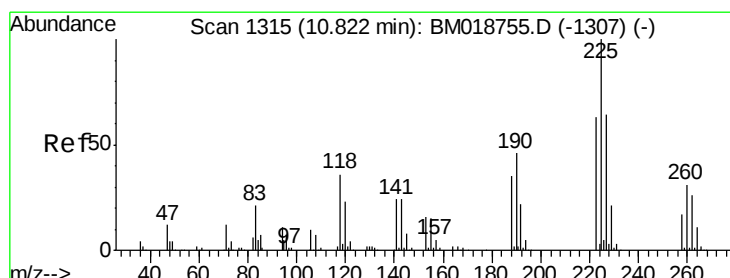
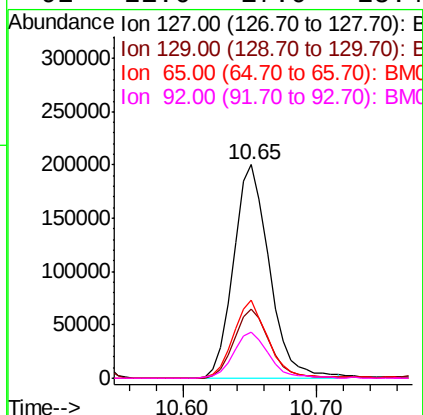
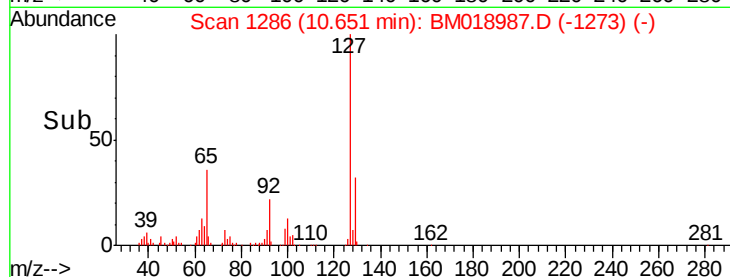
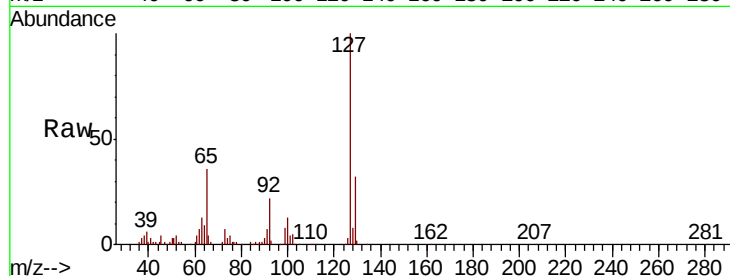




#33
4-Chloroaniline
Concen: 20.073 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

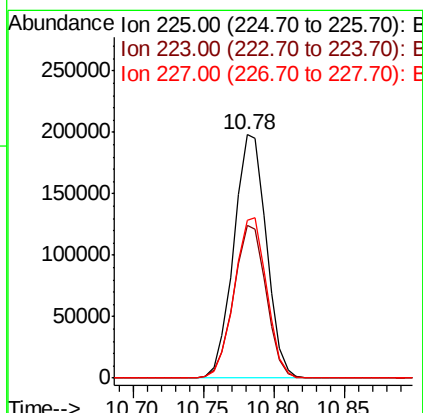
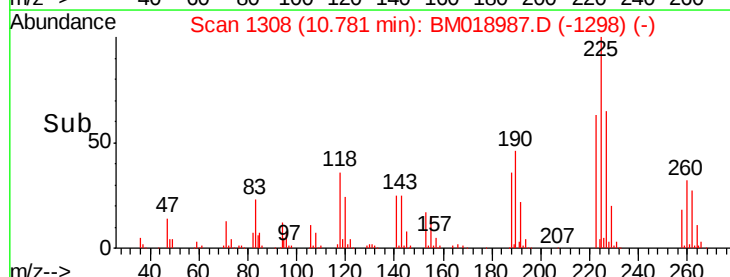
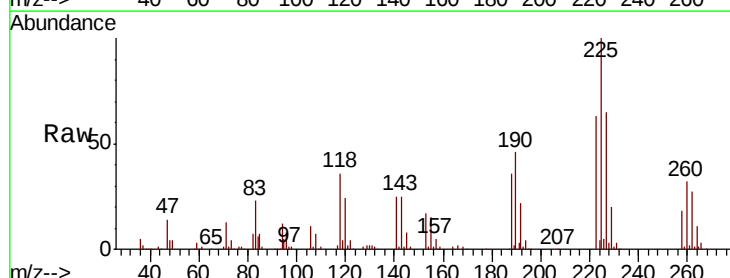
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

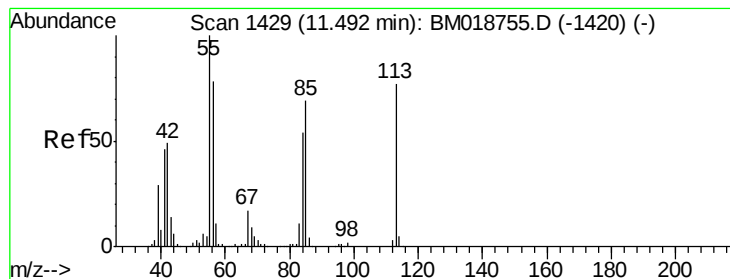
Tgt Ion:	127	Resp:	373349
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	36.5	28.7	43.1
92	21.6	17.0	25.4



#34
Hexachlorobutadiene
Concen: 37.296 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion:	225	Resp:	319788
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	64.8	51.4	77.0





#35

Caprolactam

Concen: 18.508 ng

RT: 11.46 min Scan# 1424

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

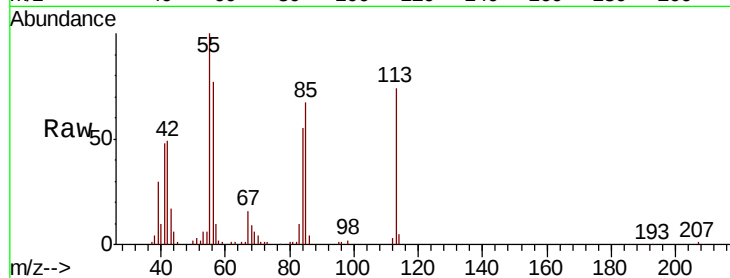
Tgt Ion:113 Resp: 96615

Ion Ratio Lower Upper

113 100

55 135.9 110.7 150.7

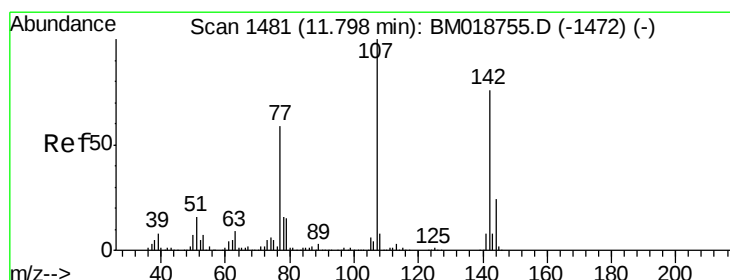
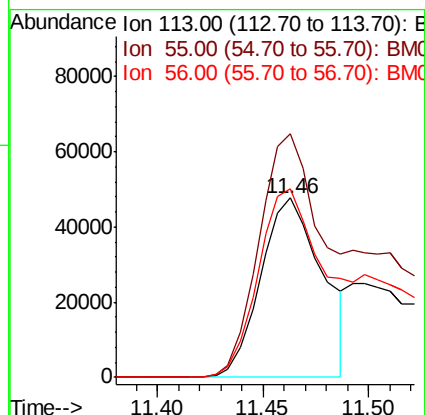
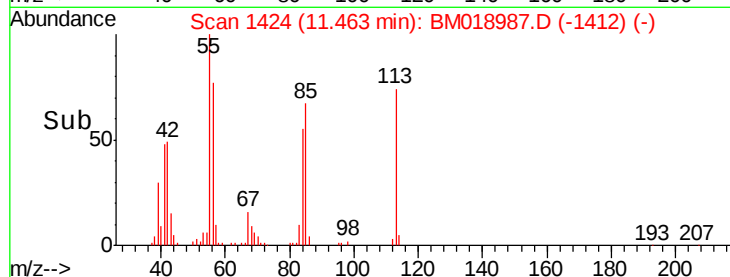
56 105.0 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 45.405 ng

RT: 11.77 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

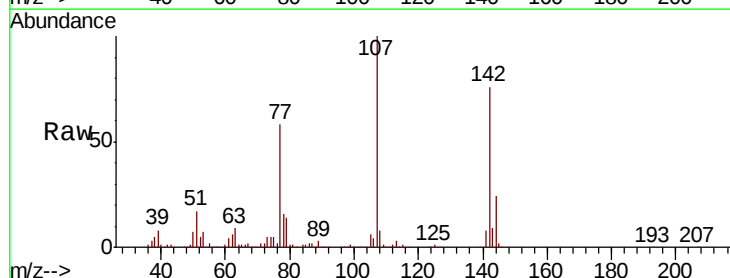
Tgt Ion:107 Resp: 700228

Ion Ratio Lower Upper

107 100

144 24.2 19.3 28.9

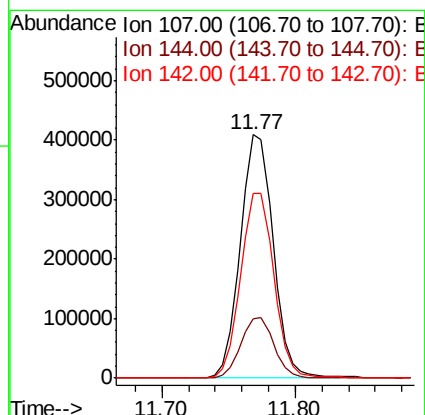
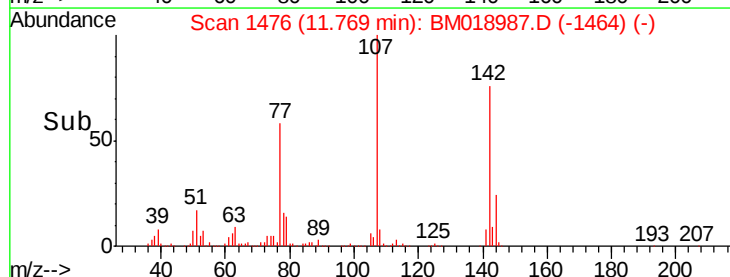
142 76.0 60.5 90.7

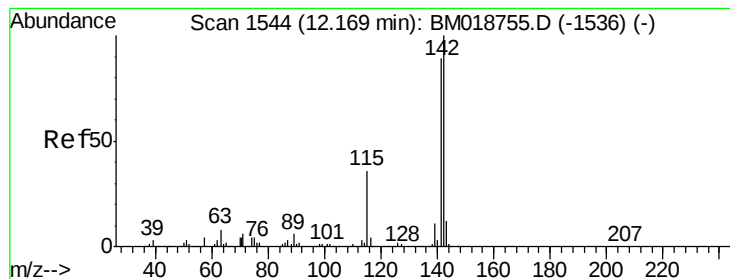


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.425 ng

RT: 12.14 min Scan# 1539

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

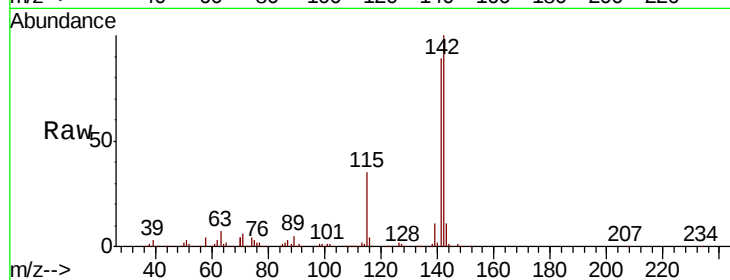
Tgt Ion:142 Resp: 1389308

Ion Ratio Lower Upper

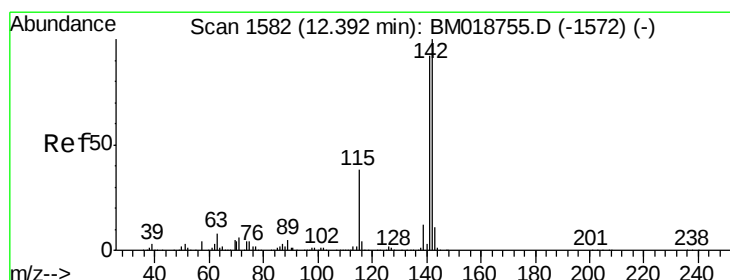
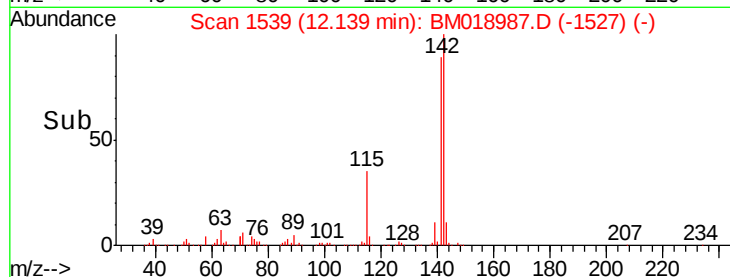
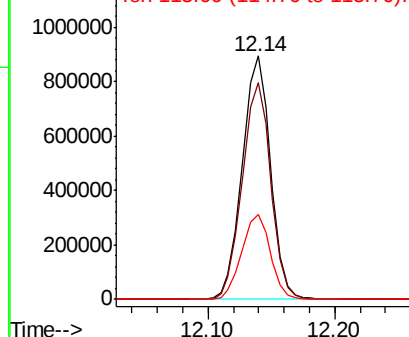
142 100

141 89.0 71.2 106.8

115 35.0 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.194 ng

RT: 12.36 min Scan# 1577

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

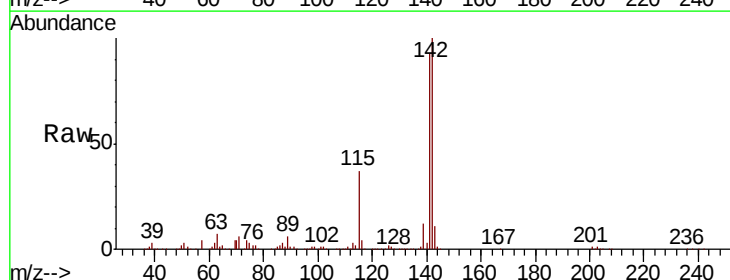
Tgt Ion:142 Resp: 1323324

Ion Ratio Lower Upper

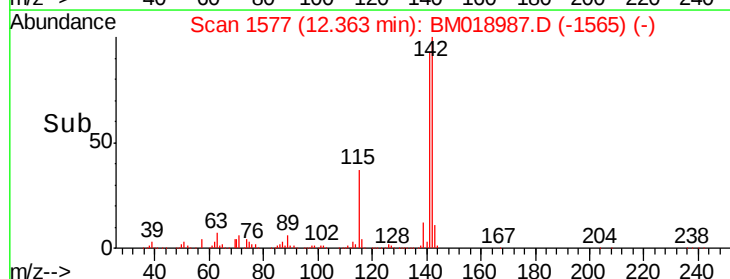
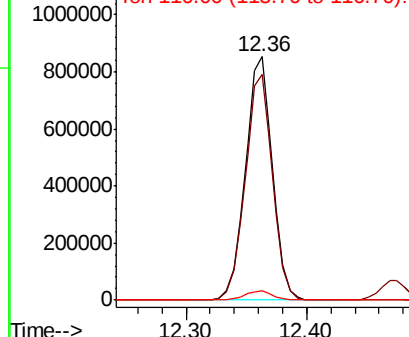
142 100

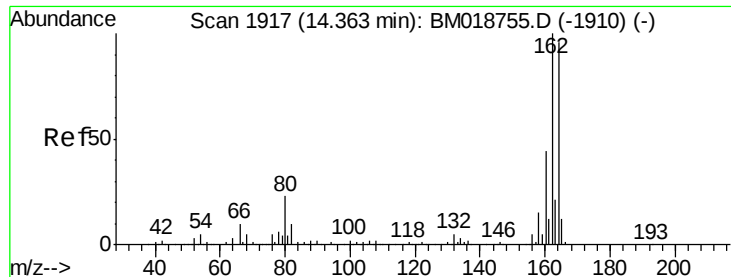
141 92.6 73.9 110.9

116 3.8 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

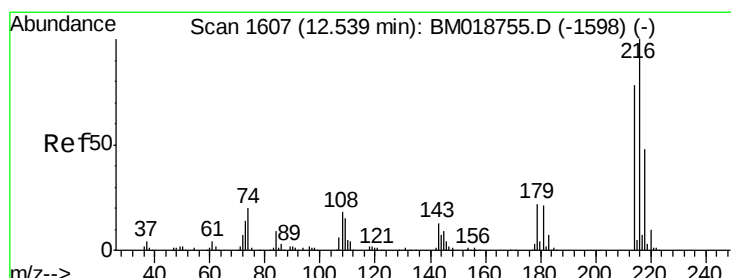
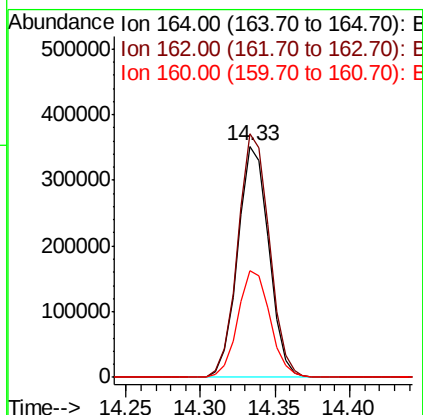
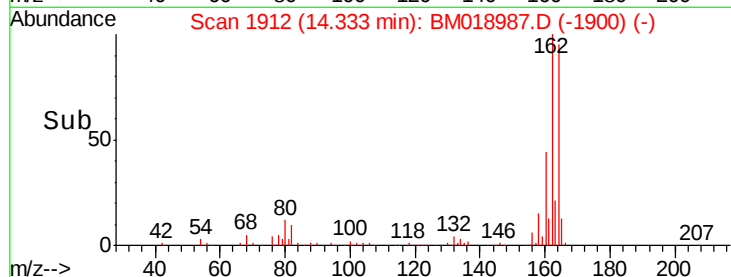
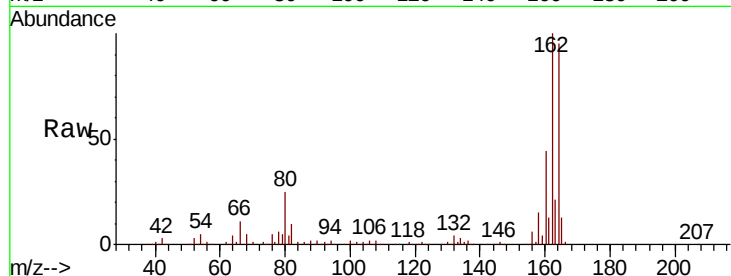
Tgt Ion:164 Resp: 510164

Ion Ratio Lower Upper

164 100

162 105.3 83.4 125.0

160 46.0 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.657 ng

RT: 12.51 min Scan# 1602

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Tgt Ion:216 Resp: 647193

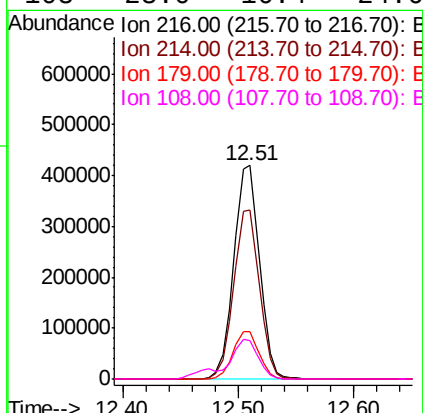
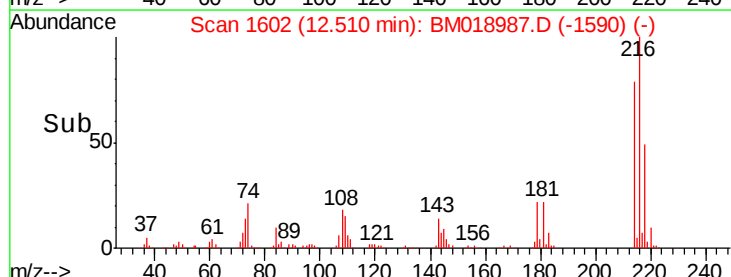
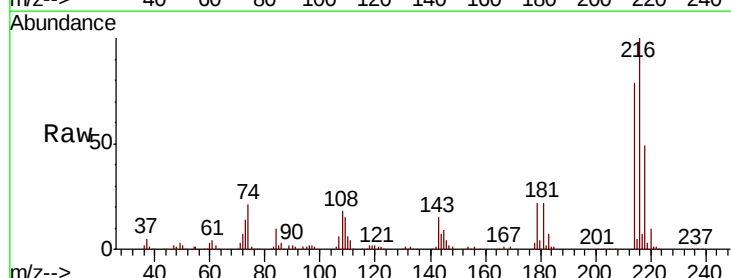
Ion Ratio Lower Upper

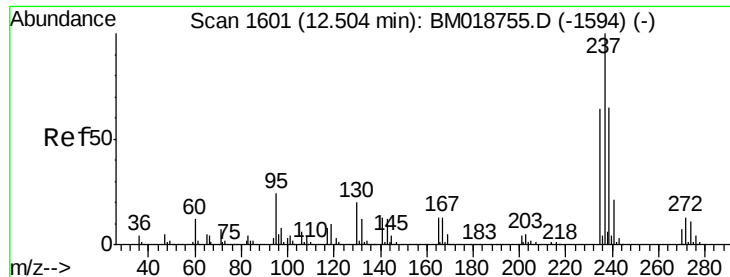
216 100

214 79.2 63.2 94.8

179 22.6 17.8 26.8

108 23.0 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 100.846 ng

RT: 12.47 min Scan# 1596

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

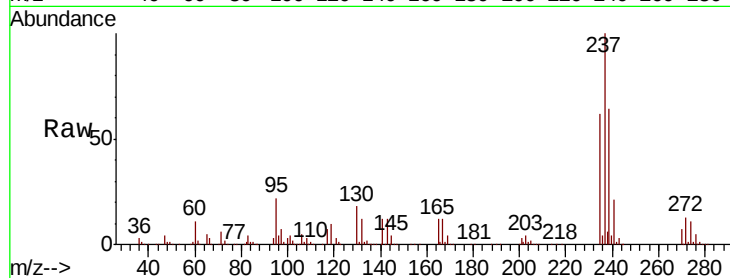
Tgt Ion:237 Resp: 841435

Ion Ratio Lower Upper

237 100

235 62.0 43.7 83.7

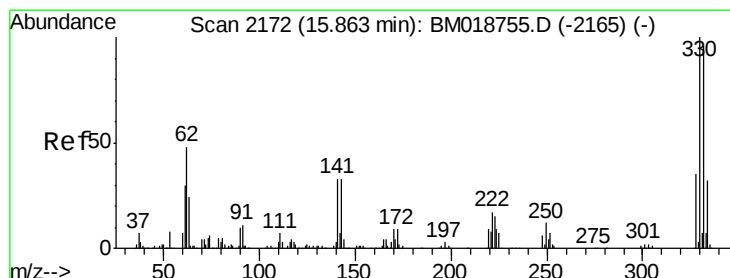
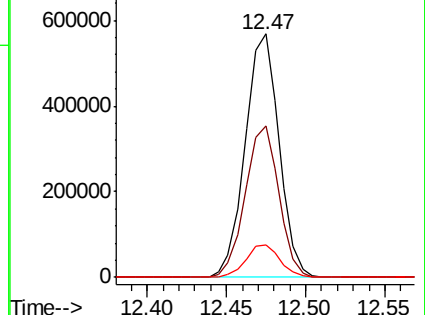
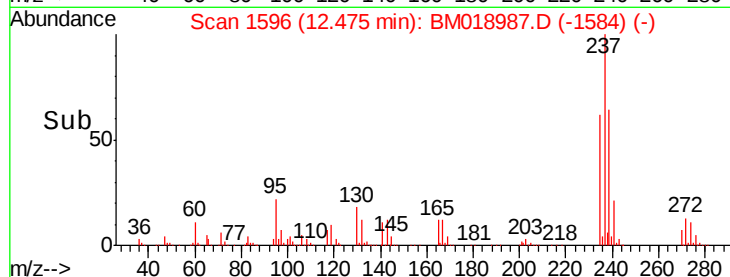
272 13.5 0.0 33.3



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: 137.920 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

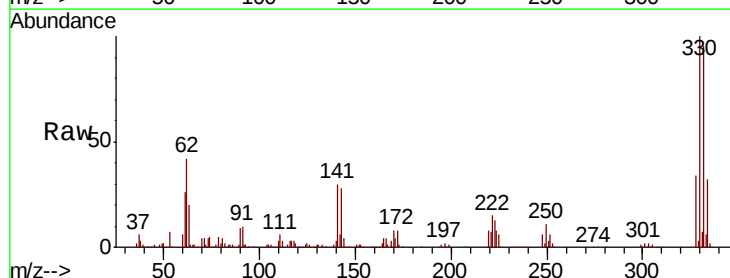
Tgt Ion:330 Resp: 1014249

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

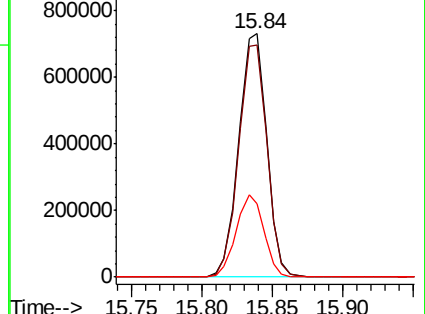
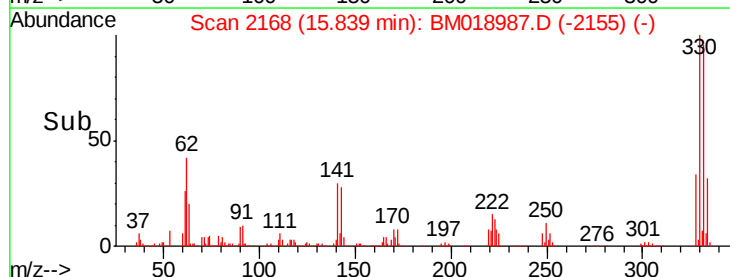
141 33.7 28.7 43.1



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

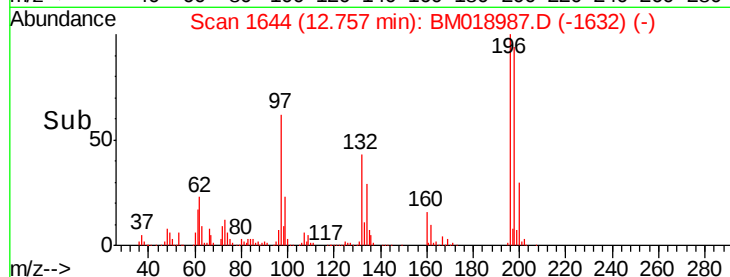
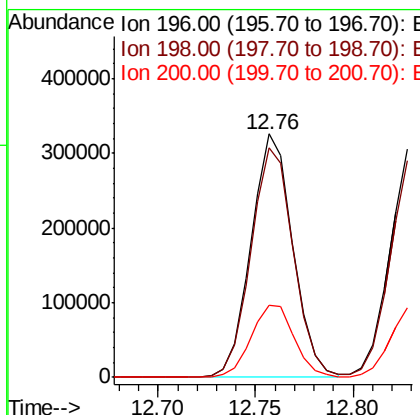
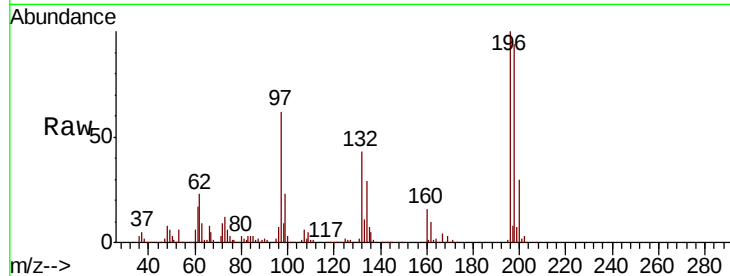




#43
 2,4,6-Trichlorophenol
 Concen: 44.727 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

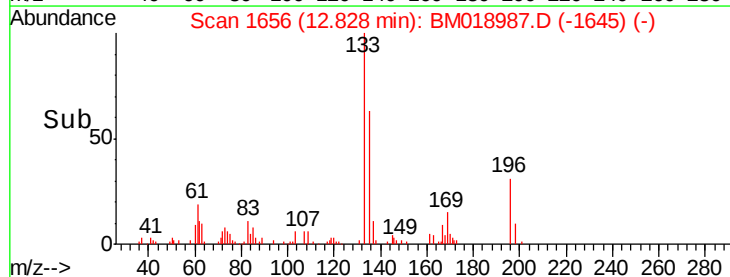
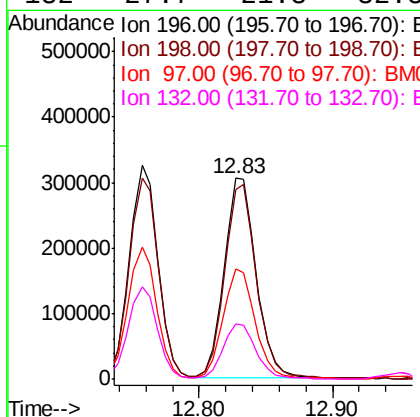
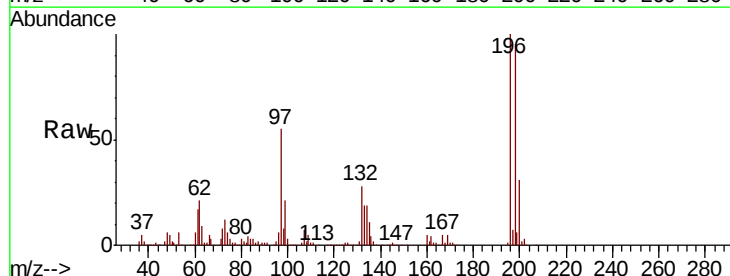
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Tgt Ion:196 Resp: 483209
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.2 114.2
 200 29.7 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 45.129 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.04 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion:196 Resp: 511026
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.6 116.4
 97 54.9 42.8 64.2
 132 27.7 21.8 32.8

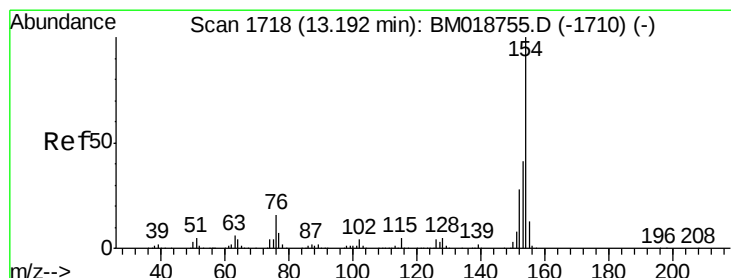
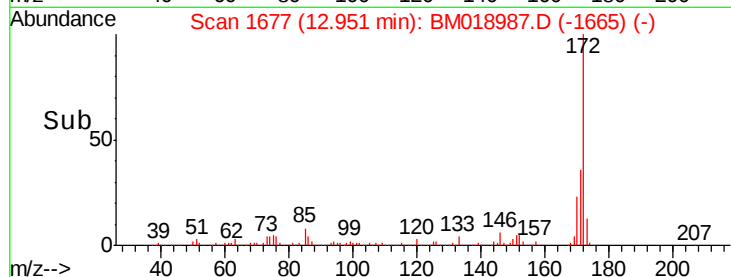
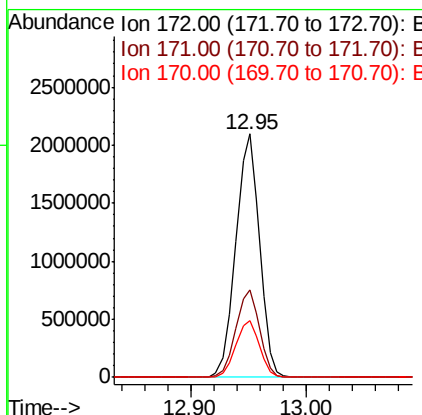
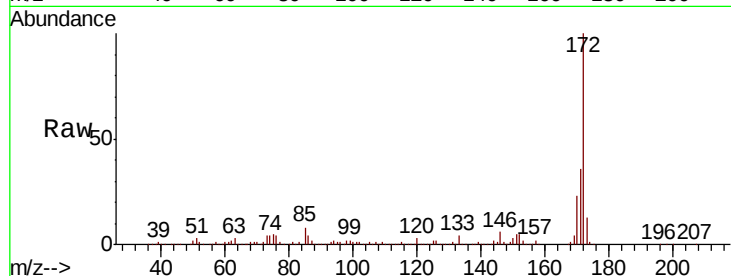




#45
 2-Fluorobiphenyl
 Concen: 77.302 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

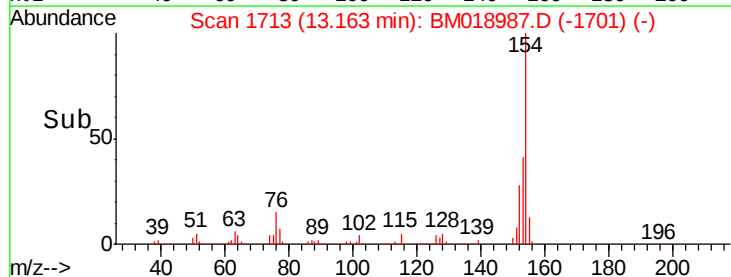
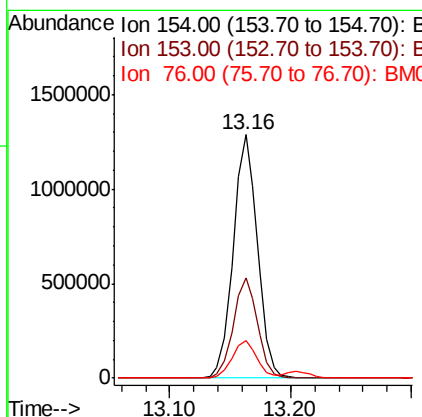
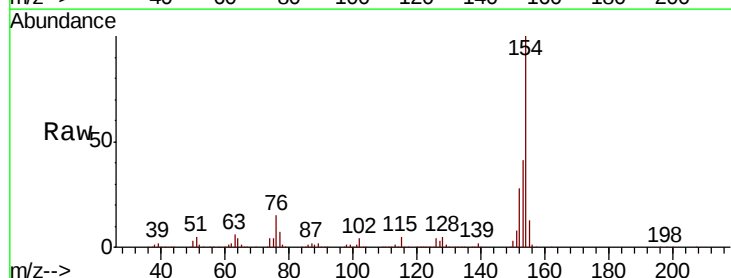
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

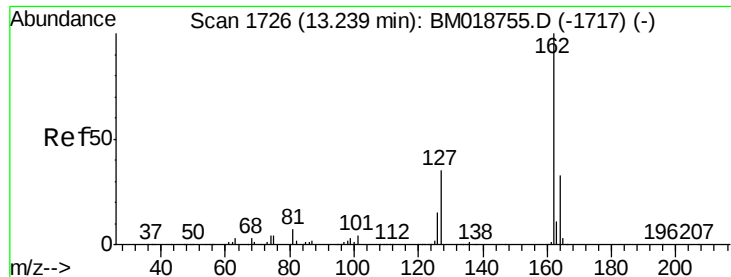
Tgt Ion:172 Resp: 2970815
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.3 18.6 28.0



#46
 1,1'-Biphenyl
 Concen: 40.904 ng
 RT: 13.16 min Scan# 1713
 Delta R.T. -0.03 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion:154 Resp: 1796234
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.1 61.1
 76 15.2 0.0 35.7

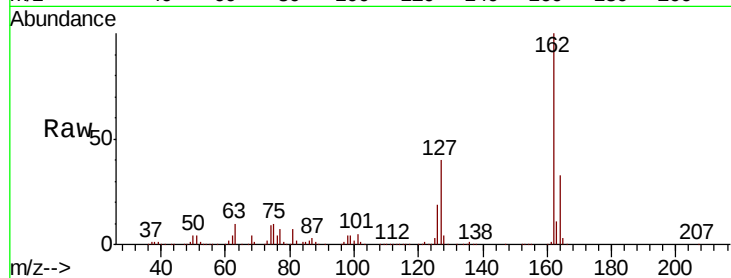




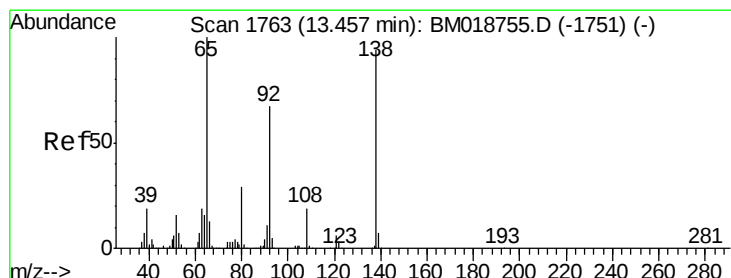
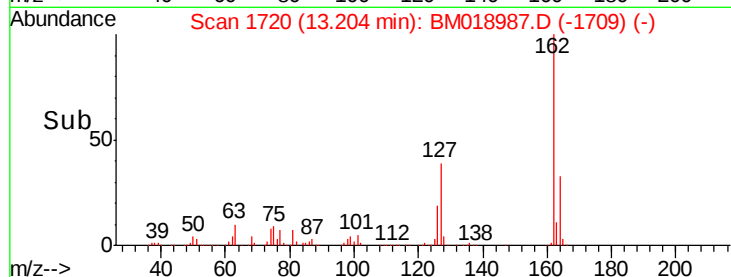
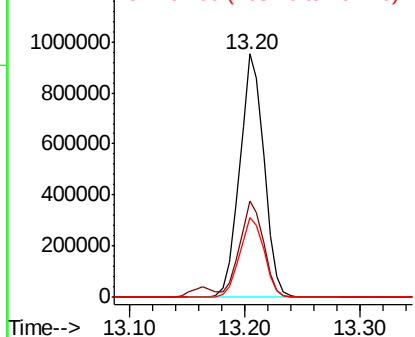
#47
 2-Chloronaphthalene
 Concen: 40.916 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.04 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Tgt Ion: 162 Resp: 1387797
 Ion Ratio Lower Upper
 162 100
 127 39.6 31.1 46.7
 164 32.7 26.4 39.6

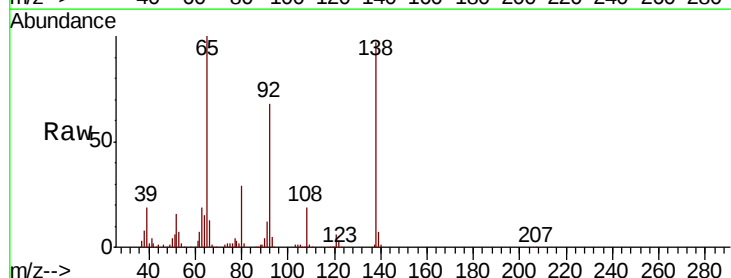


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

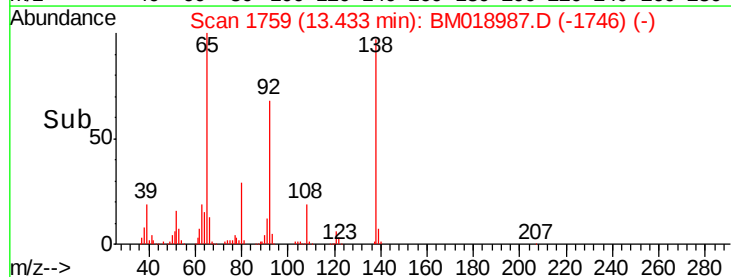
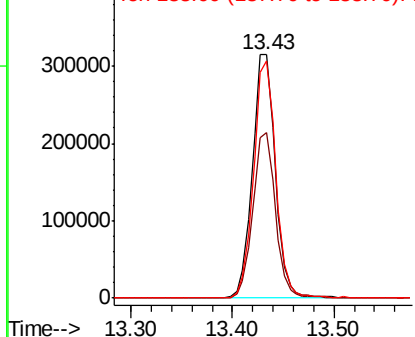


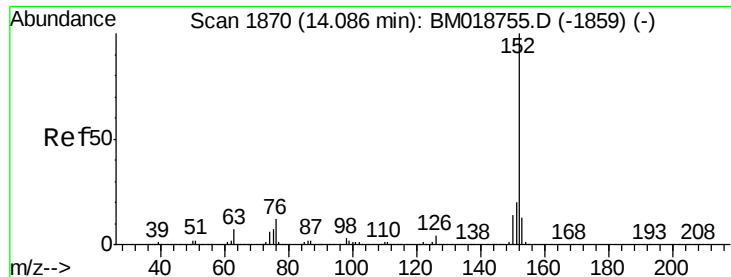
#48
 2-Nitroaniline
 Concen: 43.858 ng
 RT: 13.43 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion: 65 Resp: 494057
 Ion Ratio Lower Upper
 65 100
 92 68.0 54.0 81.0
 138 97.2 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.508 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

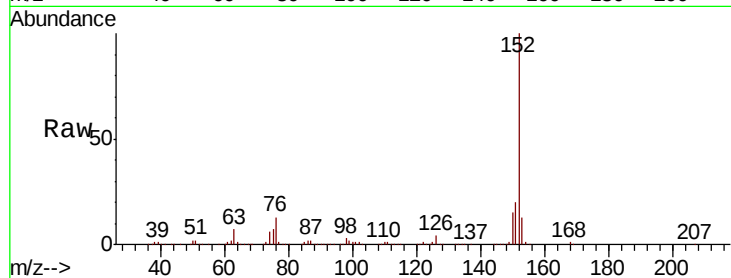
Tgt Ion:152 Resp: 2298359

Ion Ratio Lower Upper

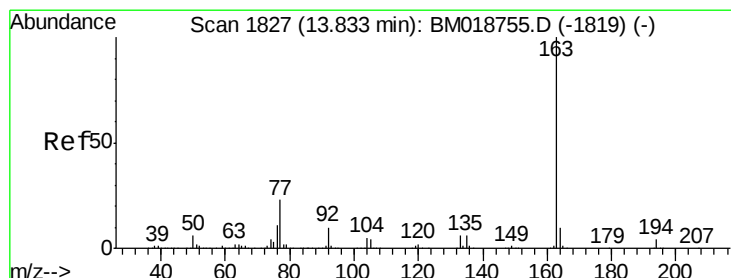
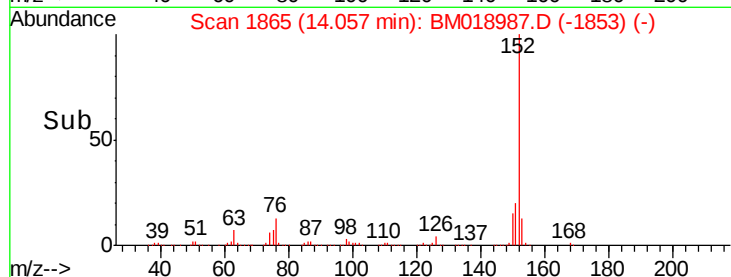
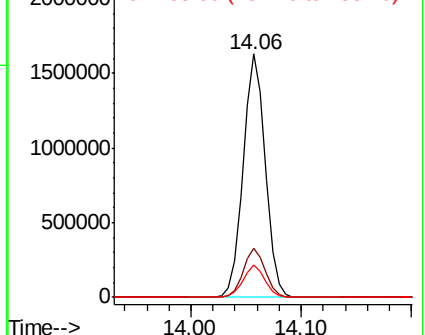
152 100

151 20.4 15.8 23.8

153 13.2 10.5 15.7



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: 42.822 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

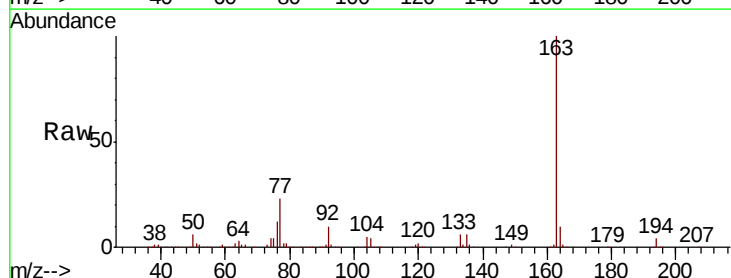
Tgt Ion:163 Resp: 1820675

Ion Ratio Lower Upper

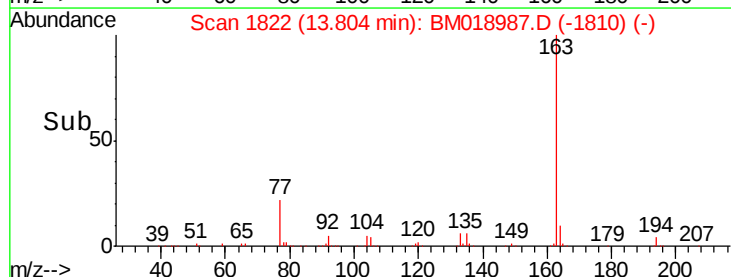
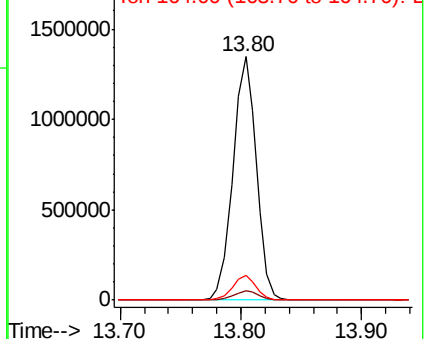
163 100

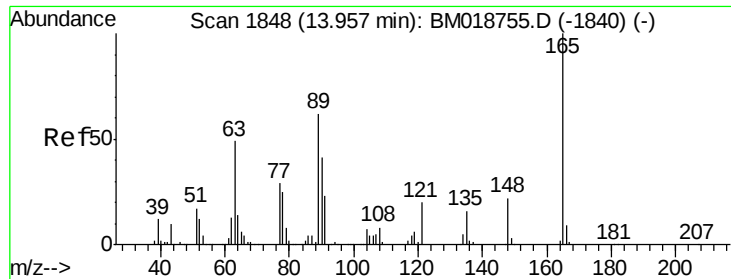
194 4.0 3.2 4.8

164 10.2 7.8 11.8



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

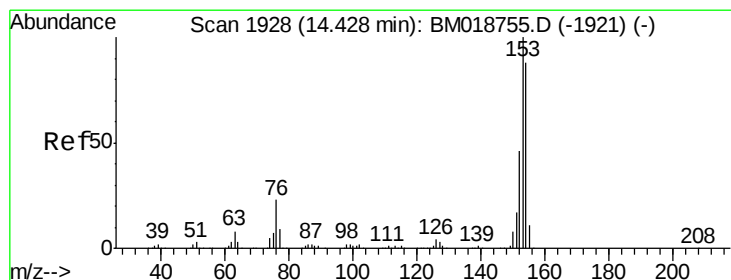
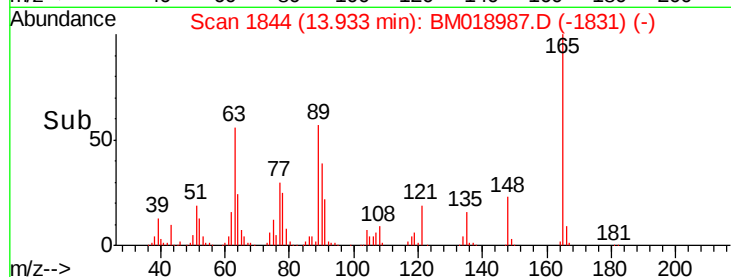
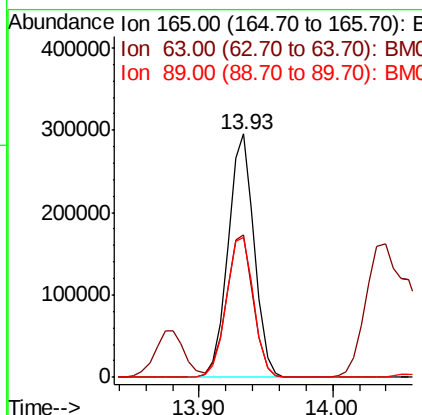
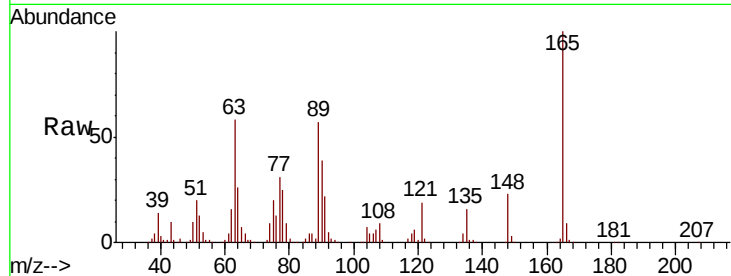




#51
 2,6-Dinitrotoluene
 Concen: 43.928 ng
 RT: 13.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

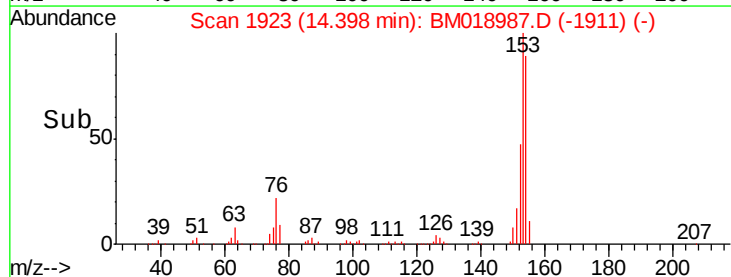
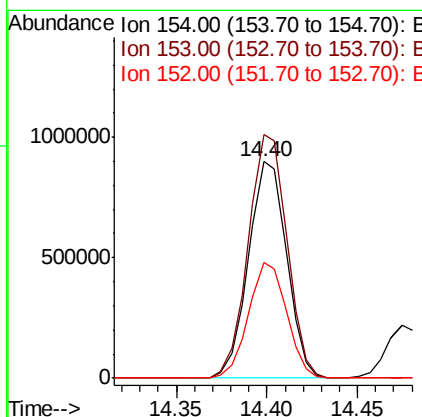
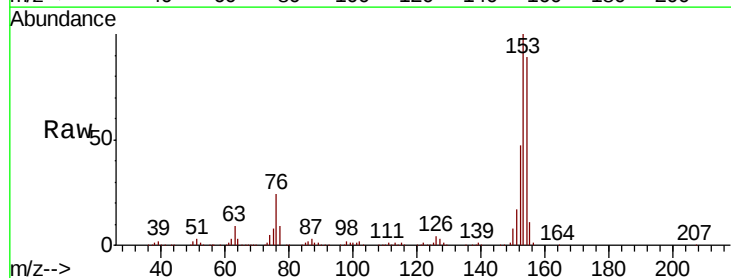
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Tgt Ion:165 Resp: 404577
 Ion Ratio Lower Upper
 165 100
 63 58.4 48.9 73.3
 89 57.5 49.4 74.0



#52
 Acenaphthene
 Concen: 42.693 ng
 RT: 14.40 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion:154 Resp: 1322135
 Ion Ratio Lower Upper
 154 100
 153 112.6 91.3 136.9
 152 53.2 42.2 63.4

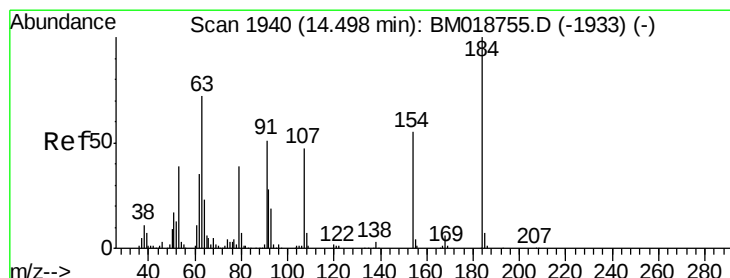
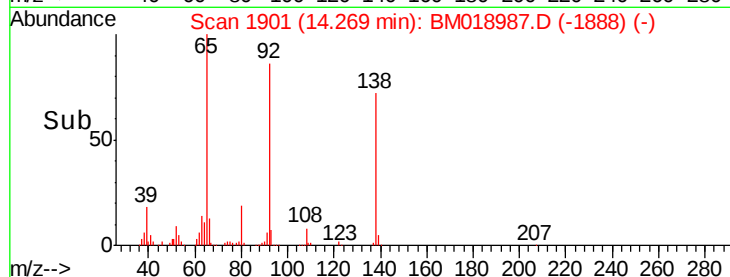
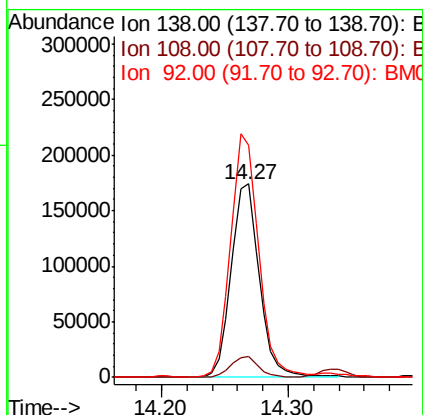
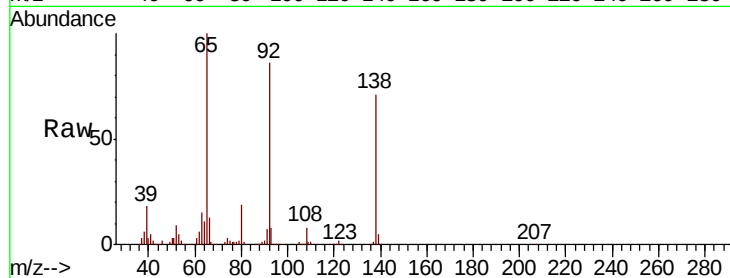




#53
 3-Nitroaniline
 Concen: 25.639 ng
 RT: 14.27 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

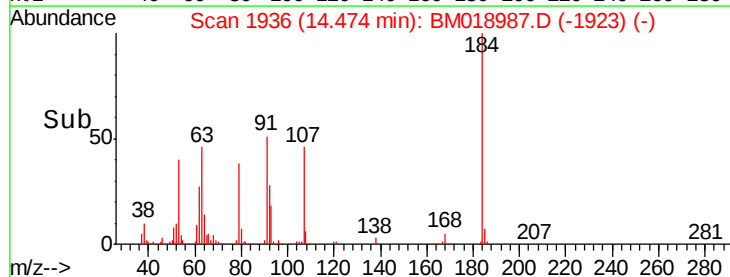
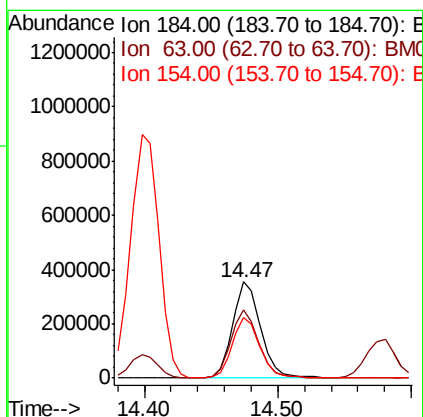
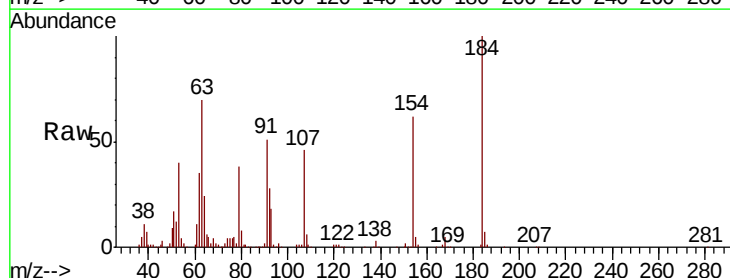
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

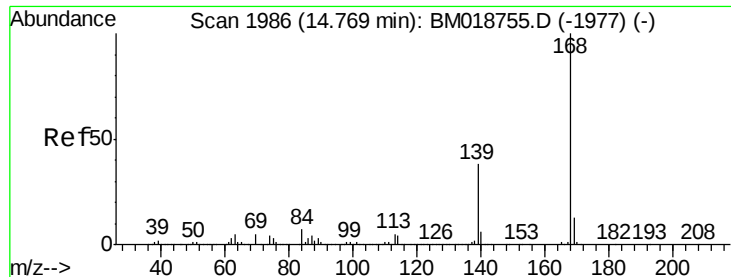
Tgt Ion:138 Resp: 266812
 Ion Ratio Lower Upper
 138 100
 108 11.1 9.1 13.7
 92 120.1 99.7 149.5



#54
 2,4-Dinitrophenol
 Concen: 88.861 ng
 RT: 14.47 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion:184 Resp: 523330
 Ion Ratio Lower Upper
 184 100
 63 70.4 58.0 87.0
 154 62.3 50.3 75.5

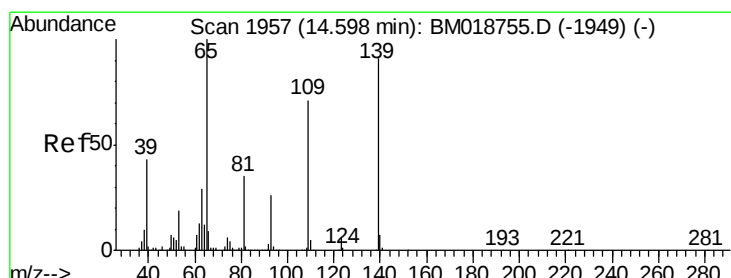
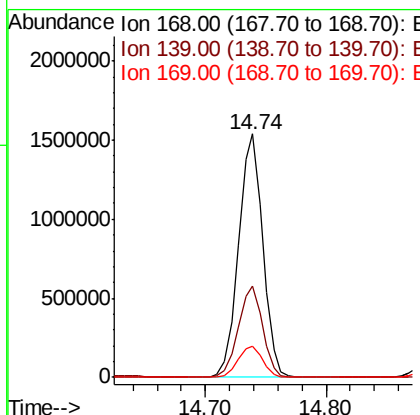
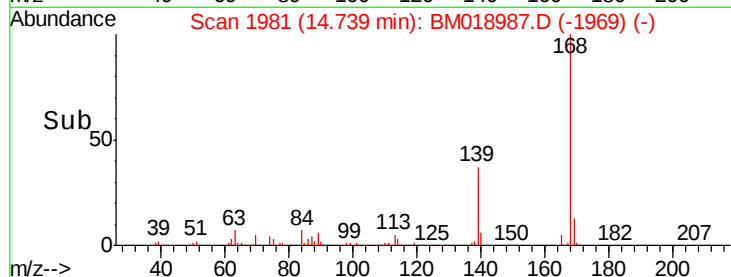
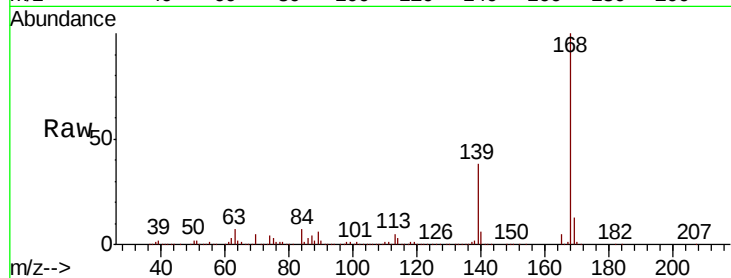




#55
Dibenzofuran
Concen: 42.243 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

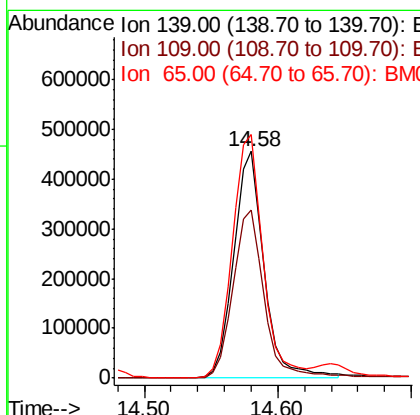
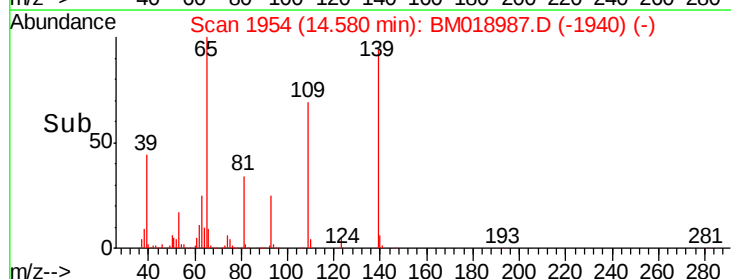
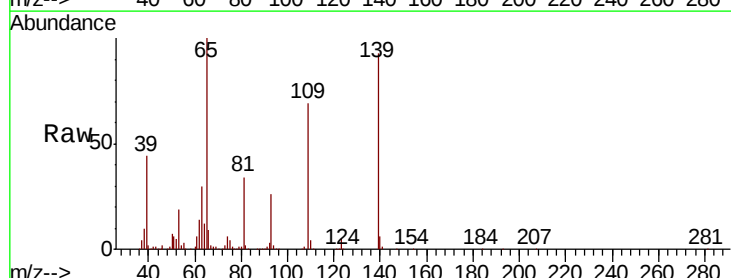
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

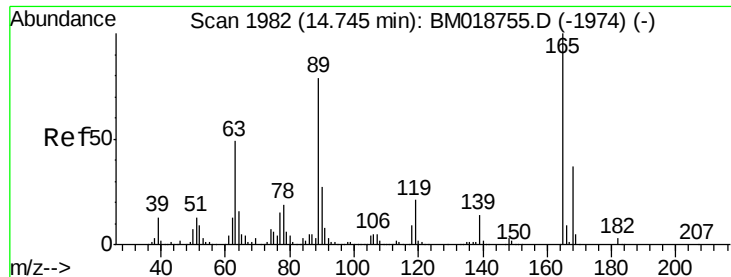
Tgt Ion:168 Resp: 2150234
Ion Ratio Lower Upper
168 100
139 37.5 30.7 46.1
169 13.0 10.3 15.5



#56
4-Nitrophenol
Concen: 86.766 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion:139 Resp: 720788
Ion Ratio Lower Upper
139 100
109 74.3 58.4 98.4
65 107.5 89.8 129.8

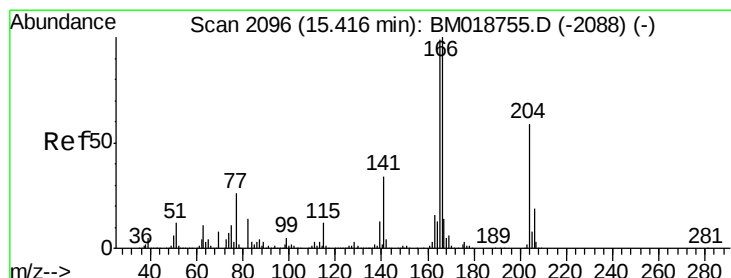
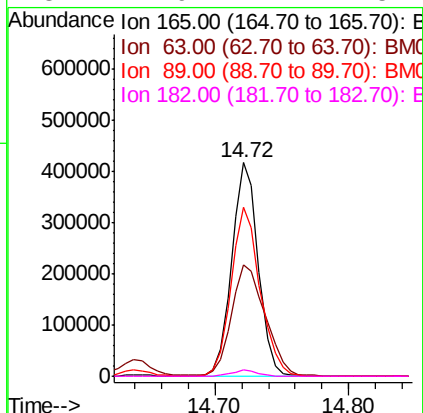
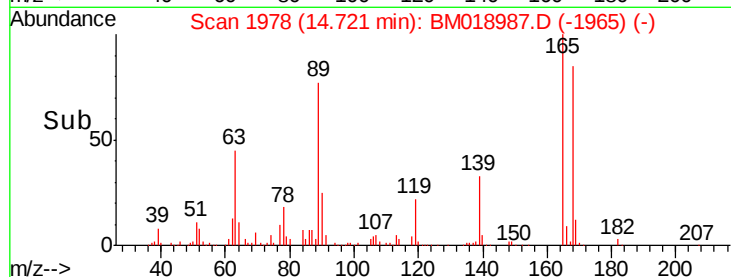
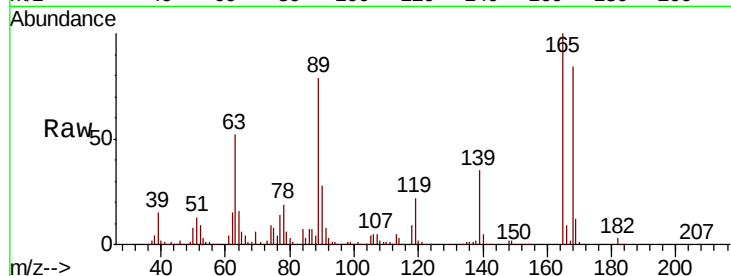




#57
 2,4-Dinitrotoluene
 Concen: 45.424 ng
 RT: 14.72 min Scan# 1978
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

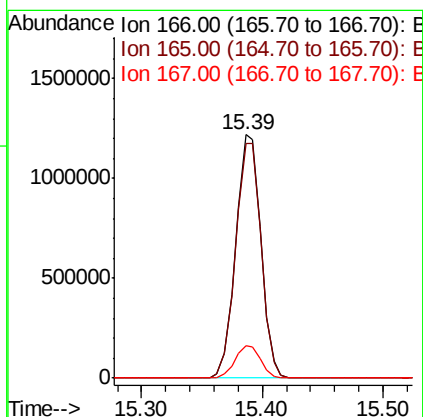
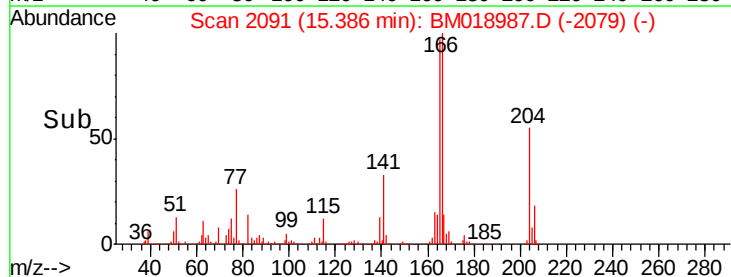
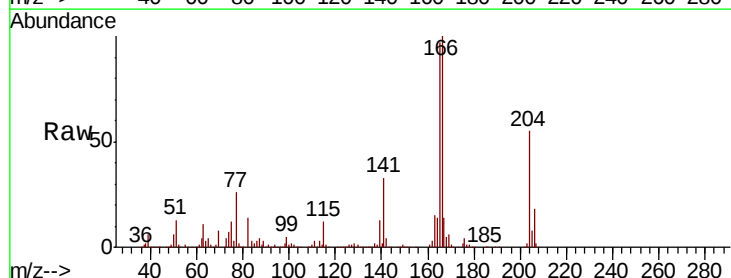
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

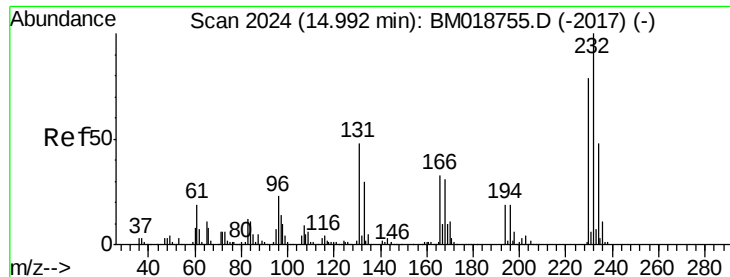
Tgt Ion:165 Resp: 576426
 Ion Ratio Lower Upper
 165 100
 63 51.9 39.6 59.4
 89 79.1 63.5 95.3
 182 2.9 2.2 3.4



#58
 Fluorene
 Concen: 45.536 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion:166 Resp: 1773211
 Ion Ratio Lower Upper
 166 100
 165 96.6 79.1 118.7
 167 13.5 11.0 16.4

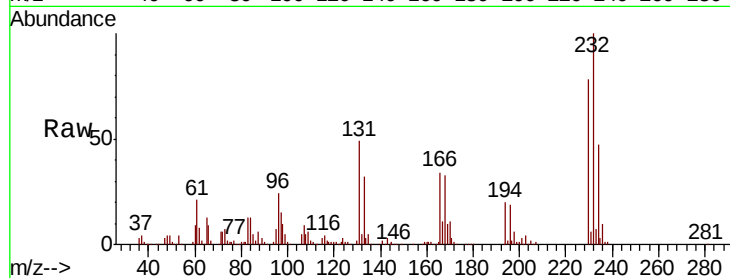




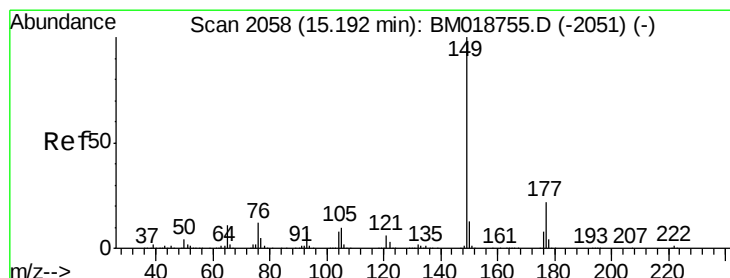
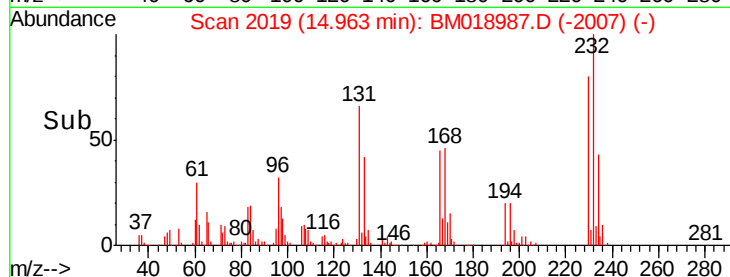
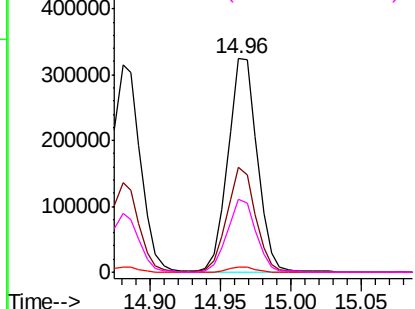
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.598 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:232 Resp: 466401
Ion Ratio Lower Upper
232 100
131 48.0 38.6 57.8
130 2.5 2.0 3.0
166 34.1 26.9 40.3

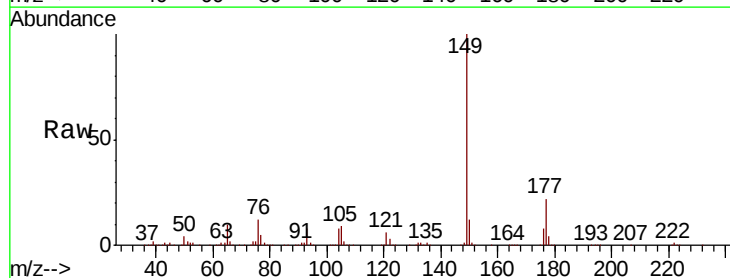


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

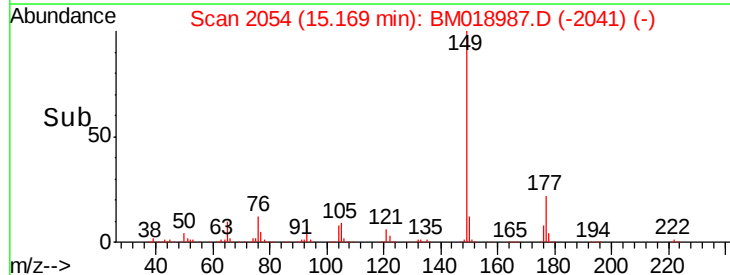
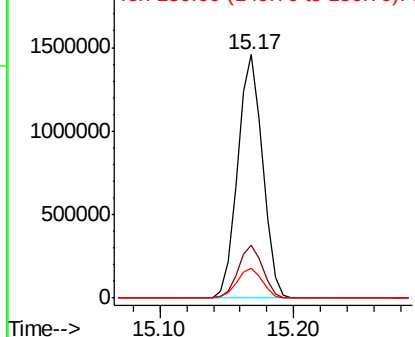


#60
Diethylphthalate
Concen: 42.925 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion:149 Resp: 1882612
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.2 10.2 15.2



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

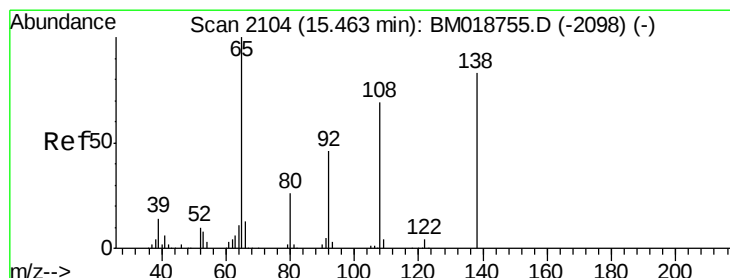
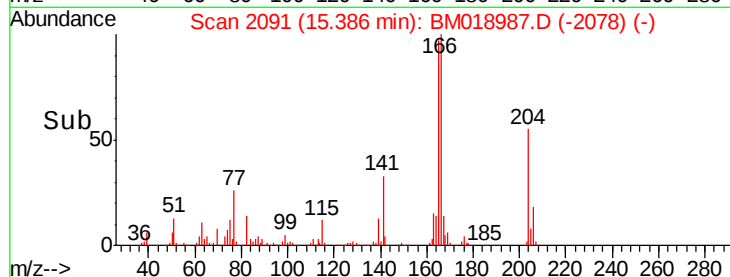
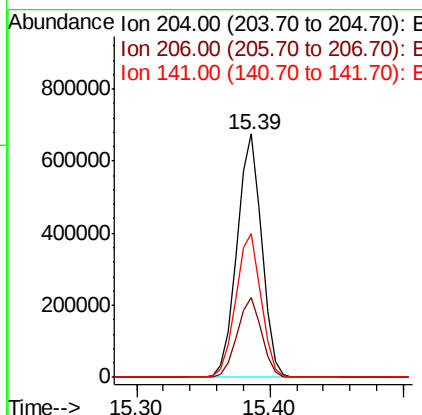
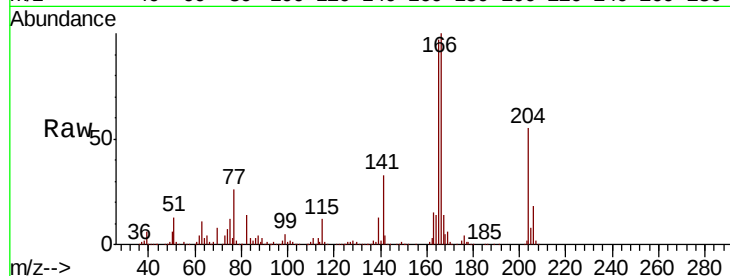




#61
 4-Chlorophenyl-phenylether
 Concen: 39.747 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

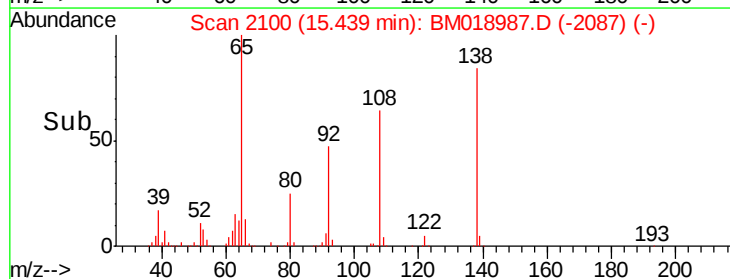
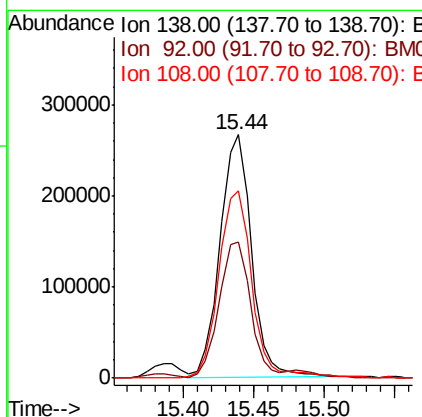
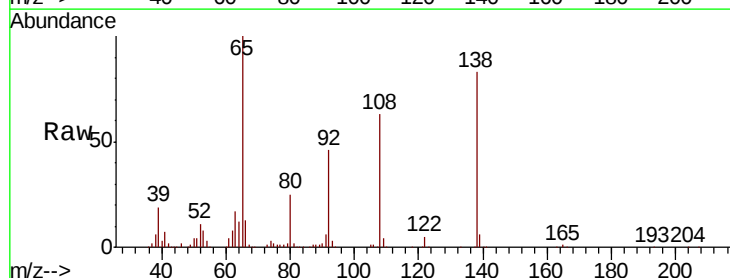
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

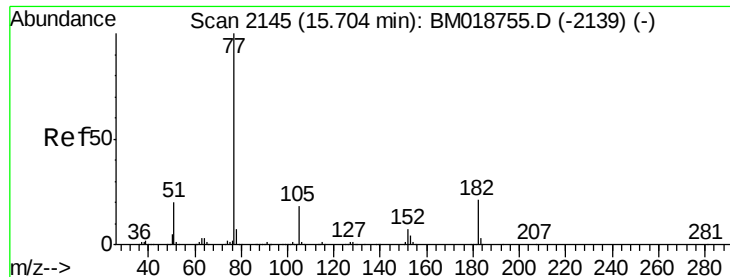
Tgt Ion: 204 Resp: 867814
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.2 39.2
 141 58.9 49.2 73.8



#62
 4-Nitroaniline
 Concen: 40.573 ng
 RT: 15.44 min Scan# 2100
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion: 138 Resp: 413932
 Ion Ratio Lower Upper
 138 100
 92 56.0 35.5 75.5
 108 76.8 62.4 102.4





#63

Azobenzene

Concen: 42.552 ng

RT: 15.68 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tgt Ion: 77 Resp: 2000996

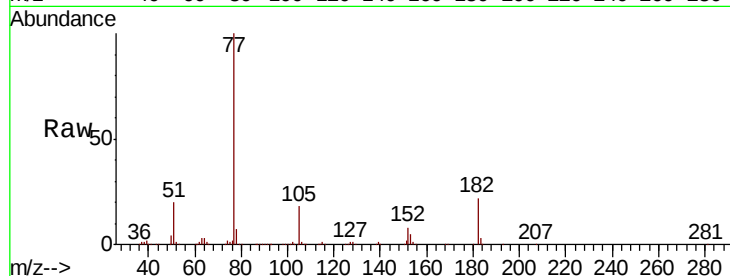
Ion Ratio Lower Upper

77 100

182 22.3 1.0 41.0

105 18.1 0.0 37.7

51 20.3 0.3 40.3

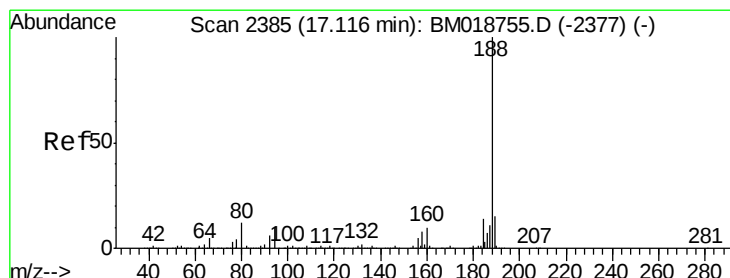
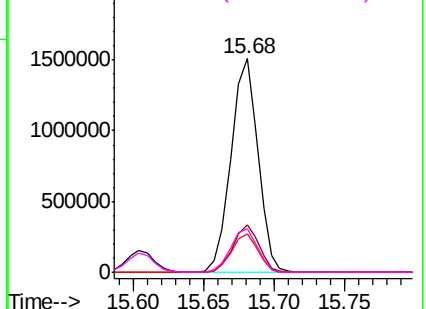
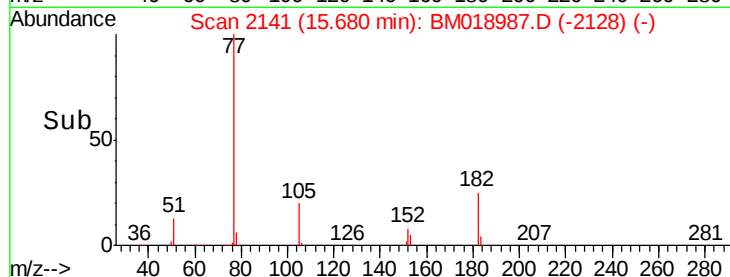


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

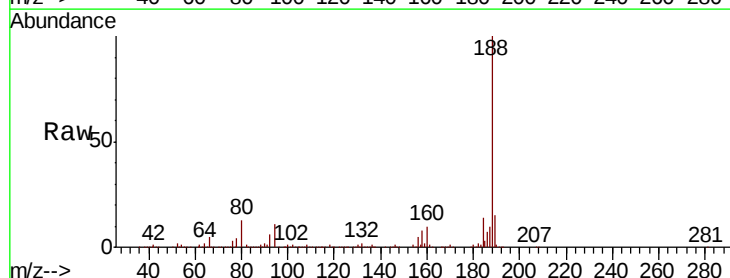
Tgt Ion: 188 Resp: 1158585

Ion Ratio Lower Upper

188 100

94 10.8 8.2 12.2

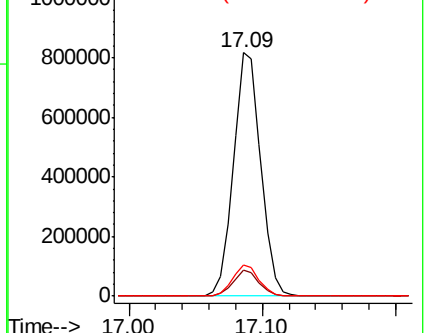
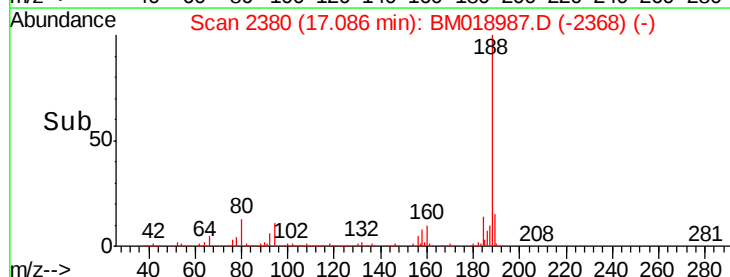
80 12.8 9.7 14.5

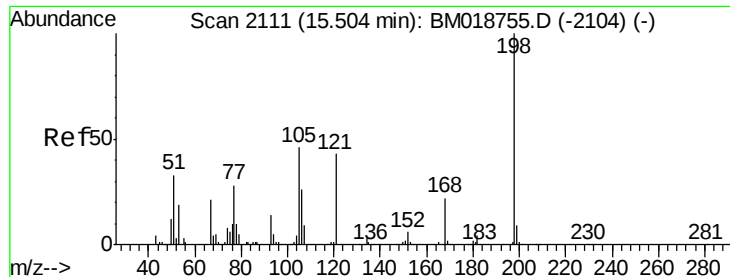


Abundance Ion 188.00 (187.70 to 188.70): E

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: 38.725 ng

RT: 15.49 min Scan# 2108

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

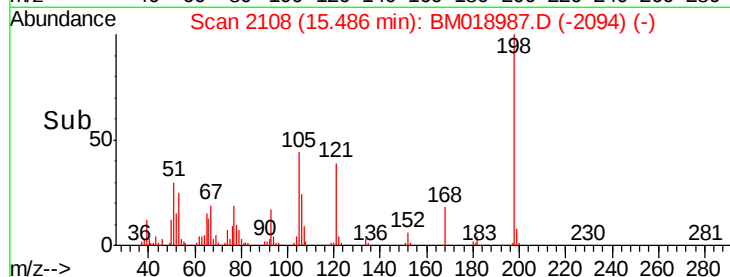
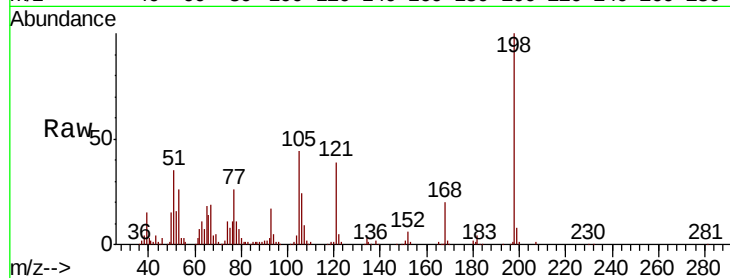
BNA_M

ClientSampleId :

PB117349BSD

Tgt Ion:198 Resp: 315006

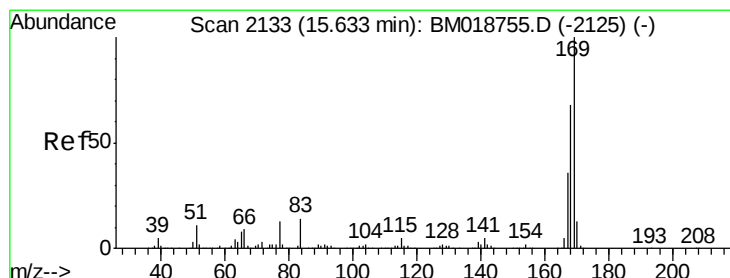
Ion	Ratio	Lower	Upper
198	100		
51	35.1	18.4	58.4
105	44.1	27.2	67.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM018987.D (-2094) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.424 ng

RT: 15.60 min Scan# 2128

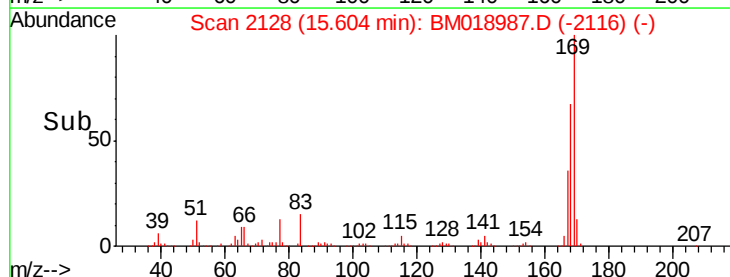
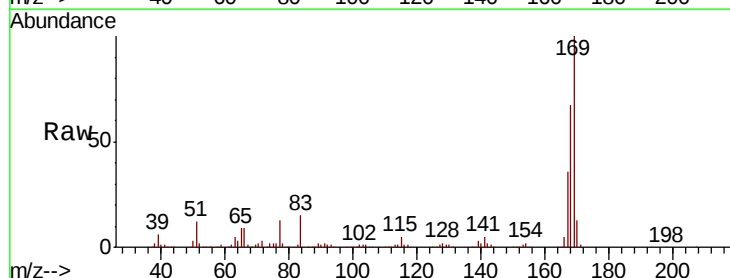
Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Tgt Ion:169 Resp: 1552898

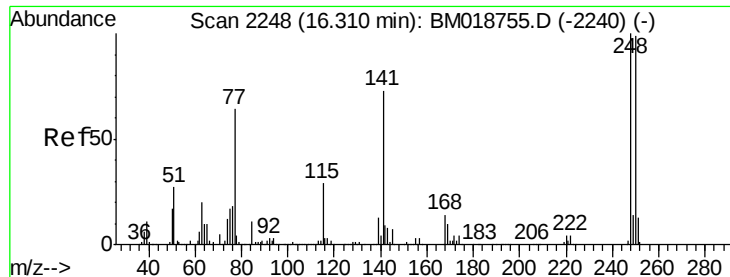
Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	36.2	29.0	43.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

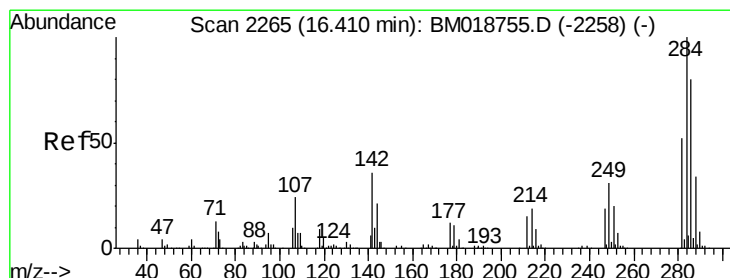
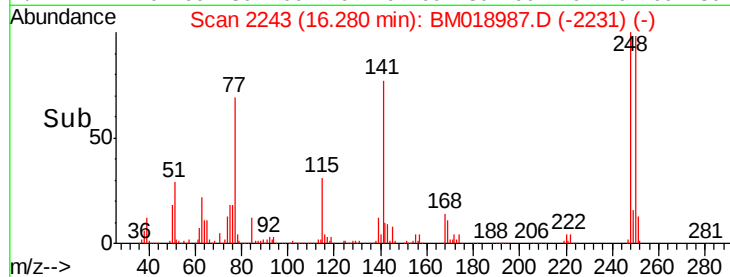
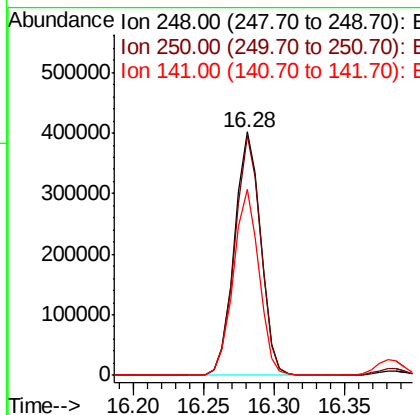
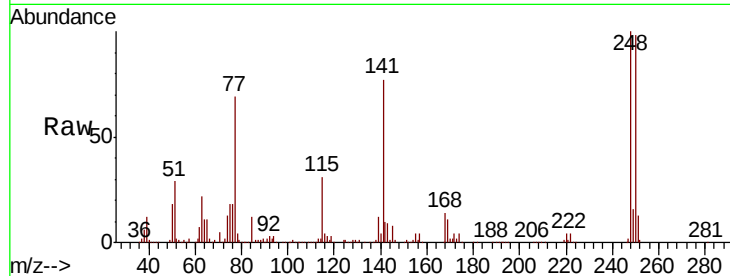
Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 40.155 ng
 RT: 16.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

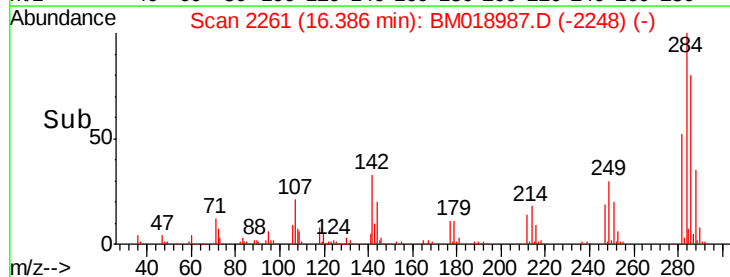
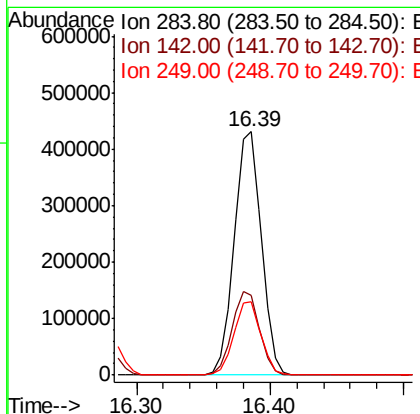
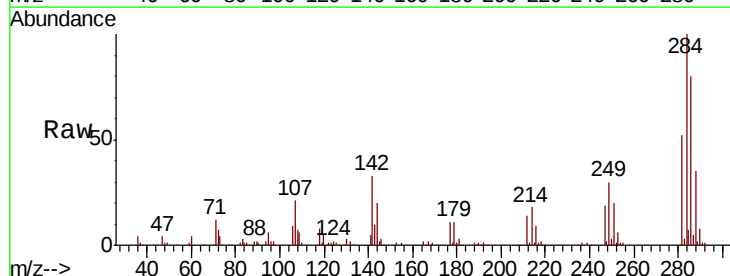
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Tgt Ion:248 Resp: 520740
 Ion Ratio Lower Upper
 248 100
 250 98.3 79.0 118.6
 141 76.5 58.6 88.0



#68
 Hexachlorobenzene
 Concen: 40.564 ng
 RT: 16.39 min Scan# 2261
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion:284 Resp: 611448
 Ion Ratio Lower Upper
 284 100
 142 32.7 28.9 43.3
 249 29.9 24.8 37.2

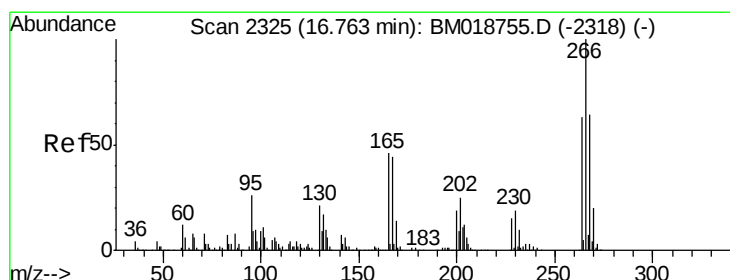
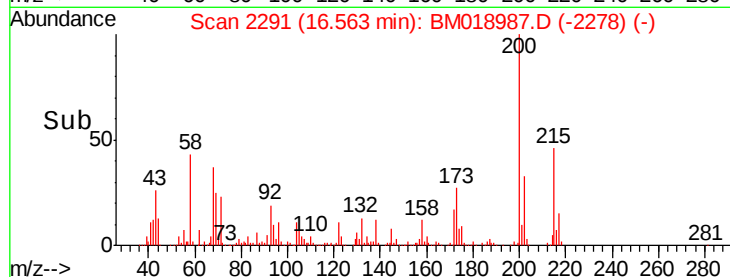
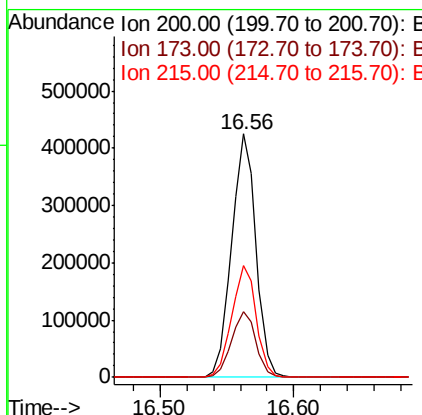
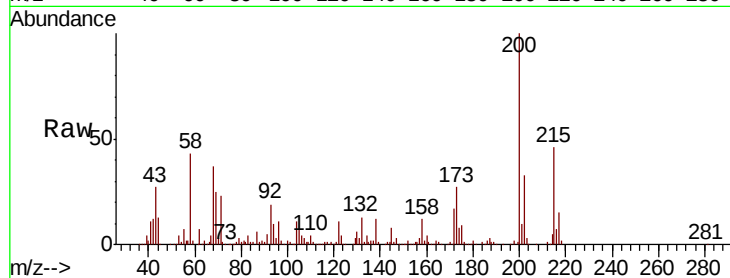




#69
 Atrazine
 Concen: 45.950 ng
 RT: 16.56 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

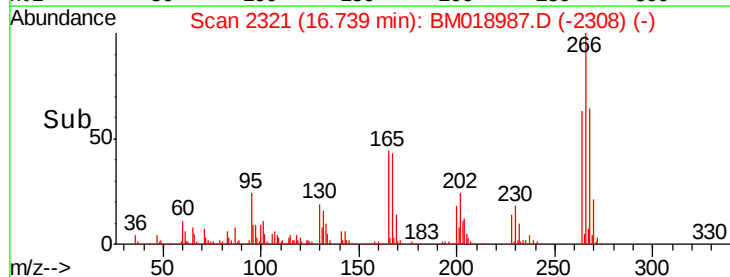
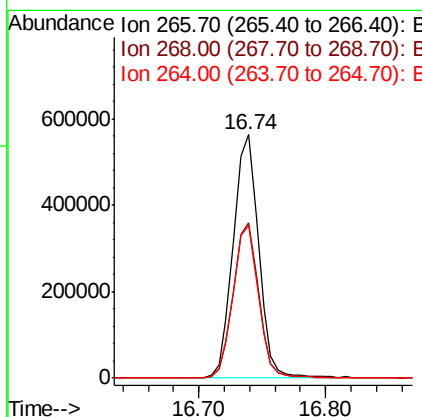
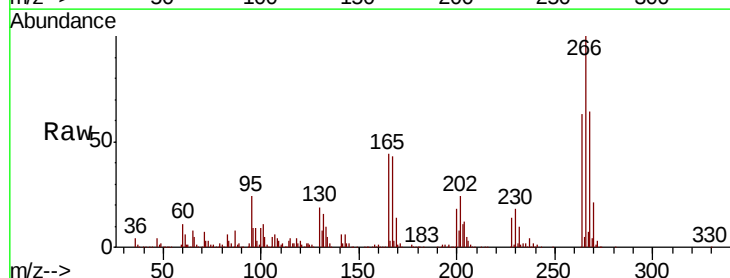
Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

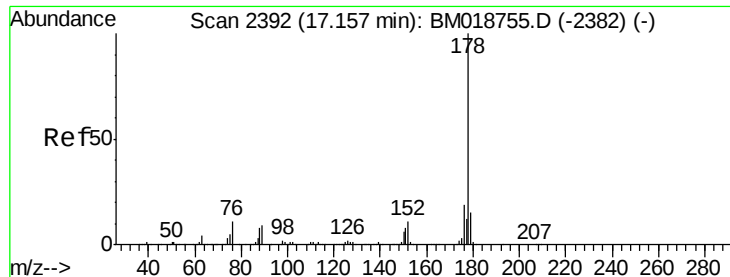
Tgt Ion:200 Resp: 542246
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.6 47.6
 215 45.8 27.6 67.6



#70
 Pentachlorophenol
 Concen: 80.449 ng
 RT: 16.74 min Scan# 2321
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion:266 Resp: 780816
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.3 76.9
 264 62.5 50.6 75.8

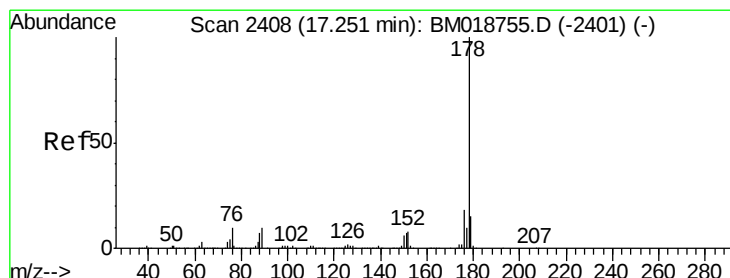
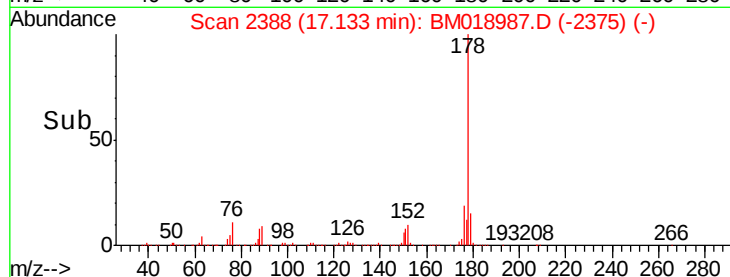
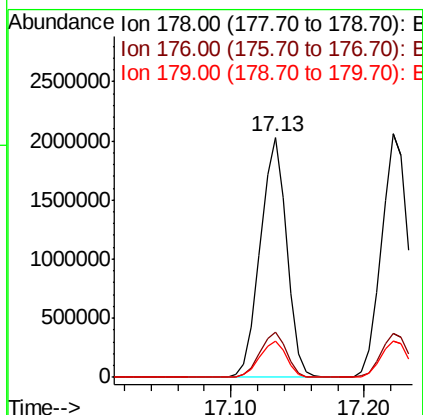
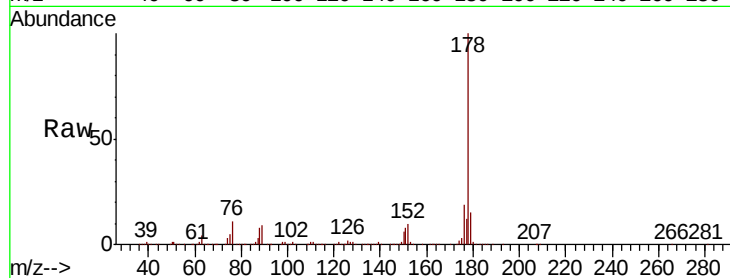




#71
Phenanthrene
Concen: 44.495 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

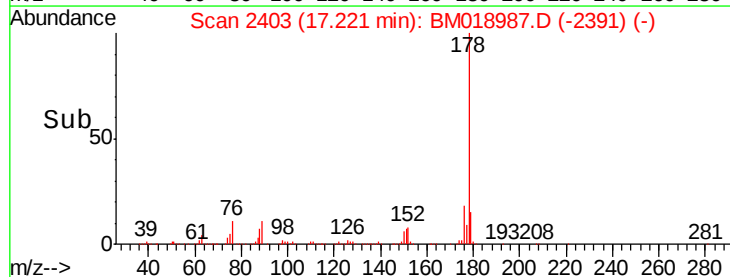
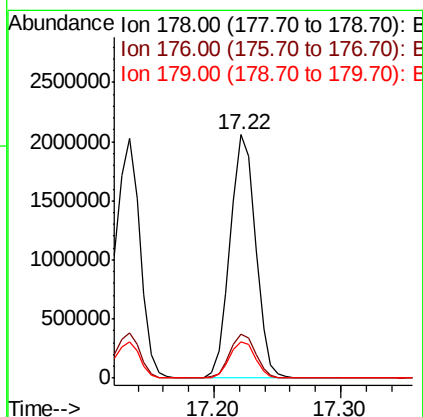
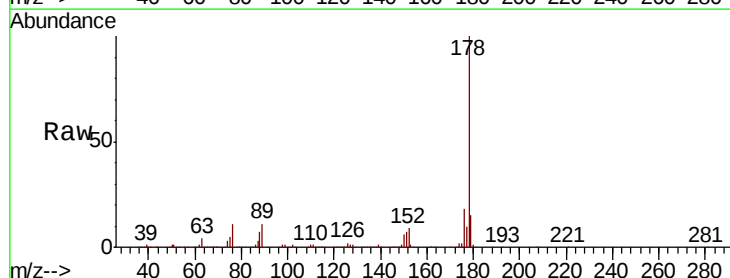
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion:178 Resp: 2770426
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.1 12.3 18.5



#72
Anthracene
Concen: 46.971 ng
RT: 17.22 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion:178 Resp: 2846598
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.1 12.1 18.1

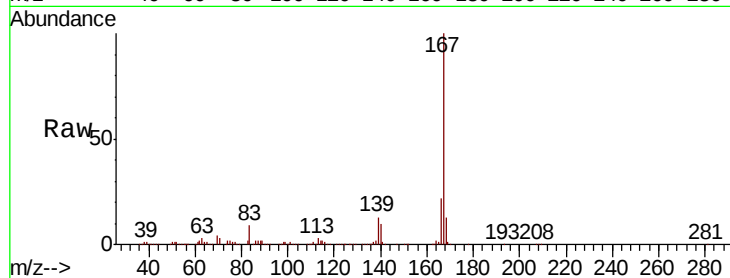




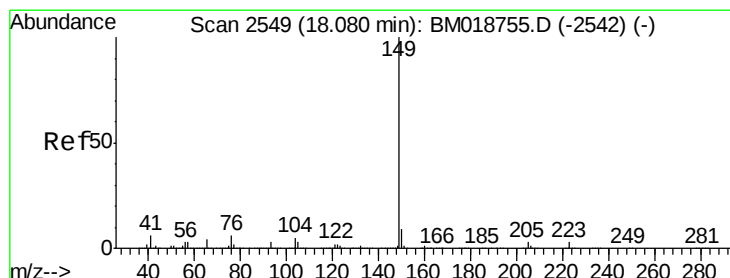
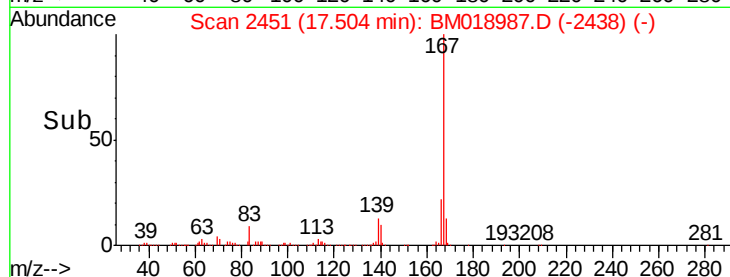
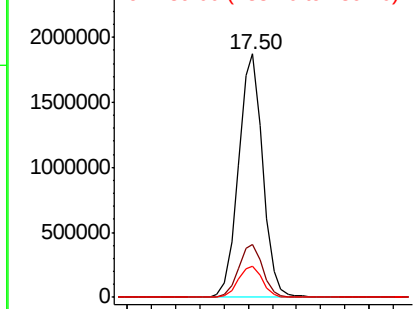
#73
 Carbazole
 Concen: 41.403 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Tgt Ion:167 Resp: 2621500
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 12.7 10.9 16.3

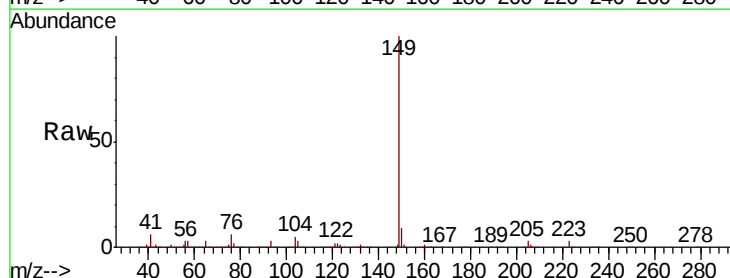


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

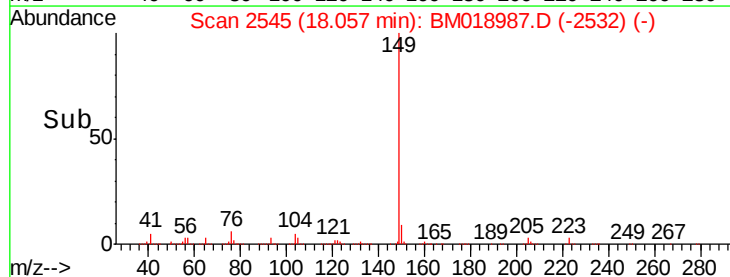
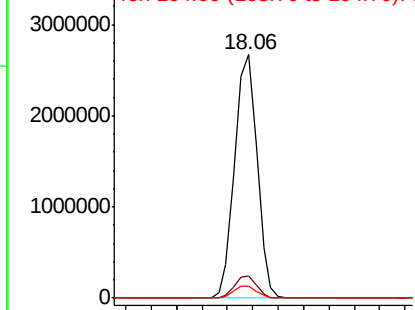


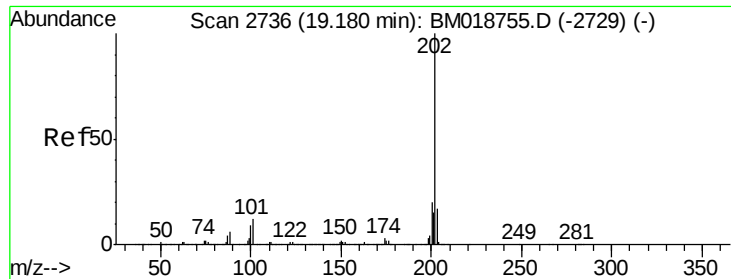
#74
 Di-n-butylphthalate
 Concen: 44.786 ng
 RT: 18.06 min Scan# 2545
 Delta R.T. -0.02 min
 Lab File: BM018987.D
 Acq: 01 Mar 2019 15:20

Tgt Ion:149 Resp: 3261260
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.0 4.3 6.5



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





#75

Fluoranthene

Concen: 44.819 ng

RT: 19.16 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

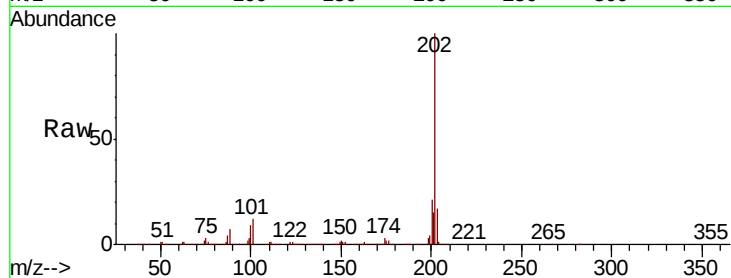
Tgt Ion:202 Resp: 3223505

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.5

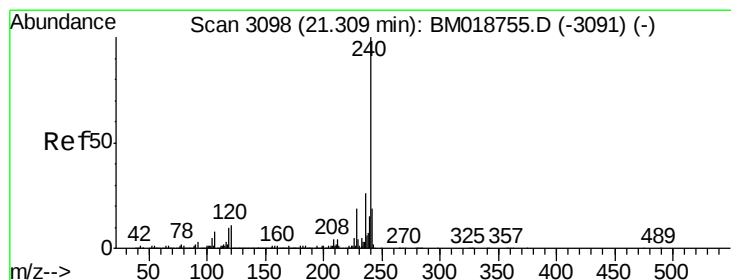
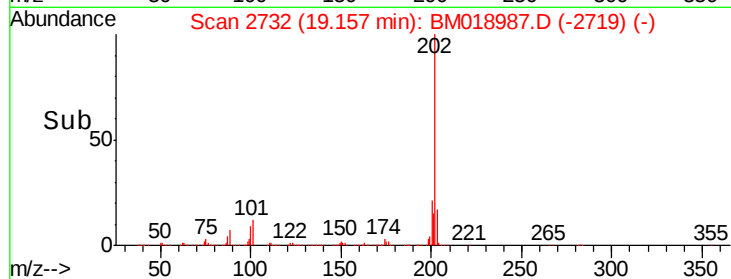
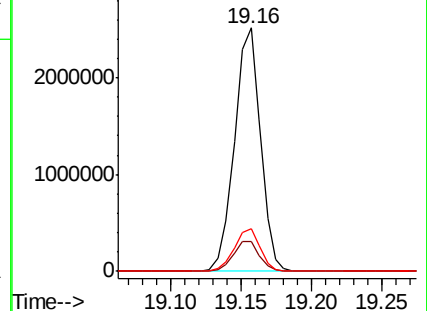
203 17.3 0.0 37.3



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: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

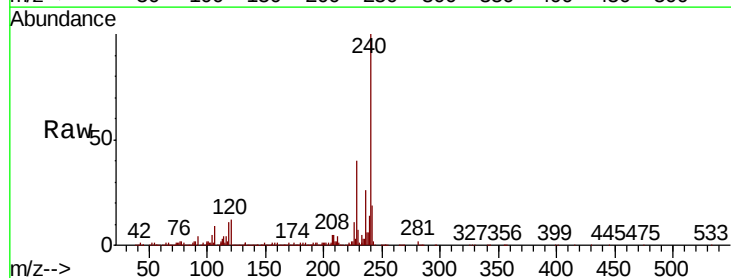
Tgt Ion:240 Resp: 1282932

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

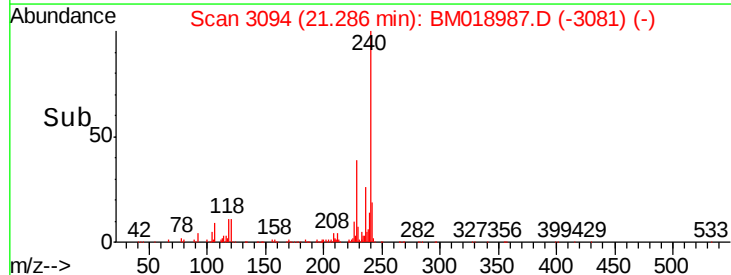
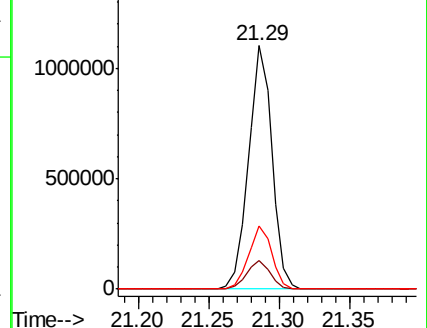
236 25.7 20.9 31.3

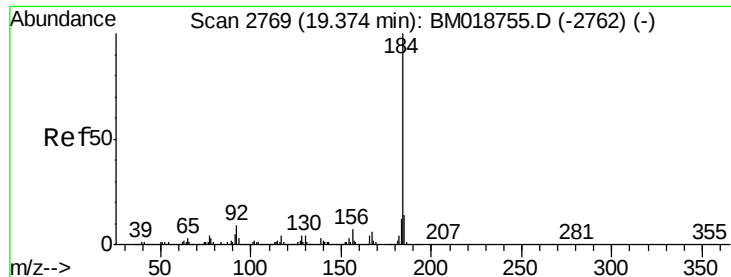


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

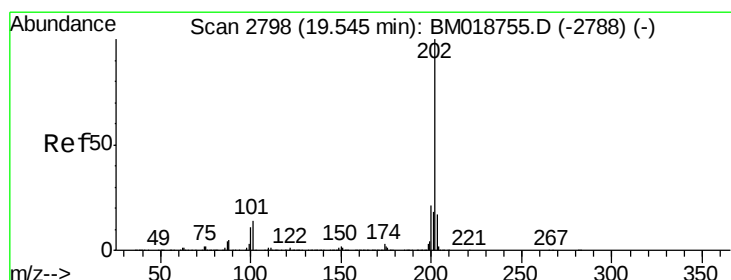
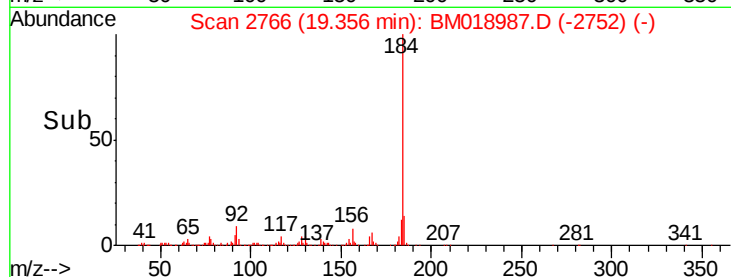
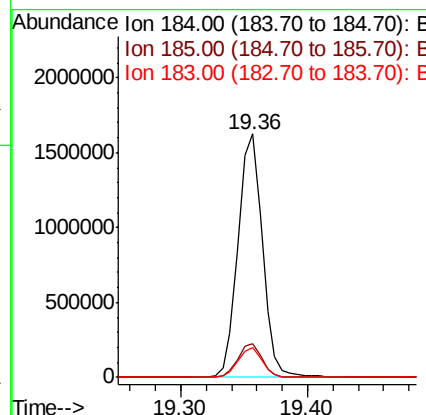
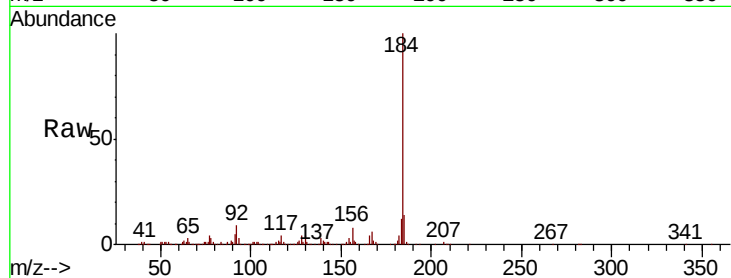




#77
Benzidine
Concen: 74.707 ng
RT: 19.36 min Scan# 2766
Delta R.T. -0.02 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

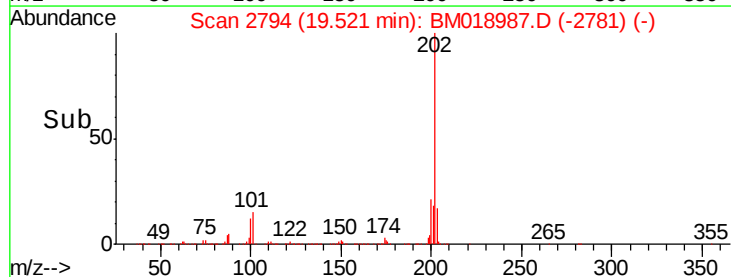
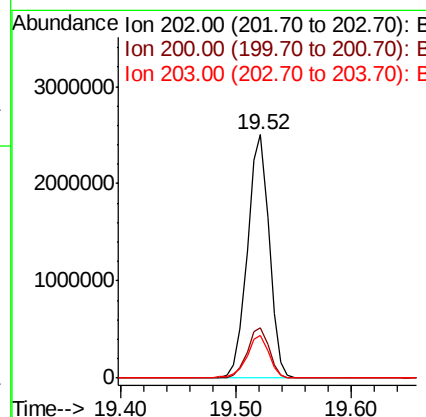
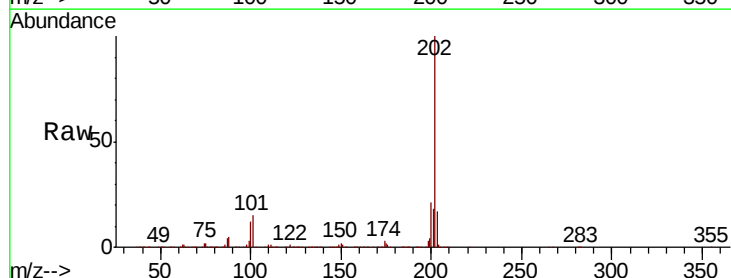
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

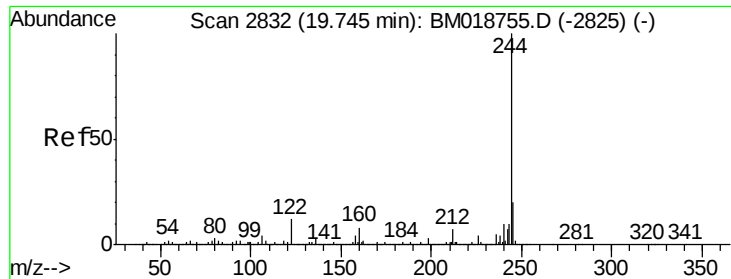
Tgt Ion:184 Resp: 2158538
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.2 9.7 14.5



#78
Pyrene
Concen: 43.928 ng
RT: 19.52 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion:202 Resp: 3273129
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 80.274 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

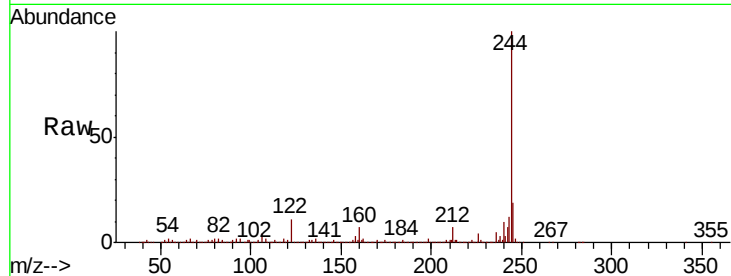
Tgt Ion:244 Resp: 4992333

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

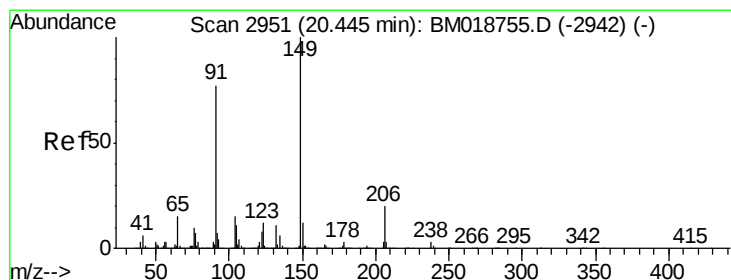
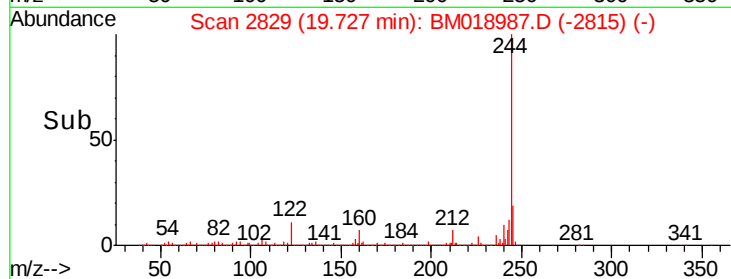
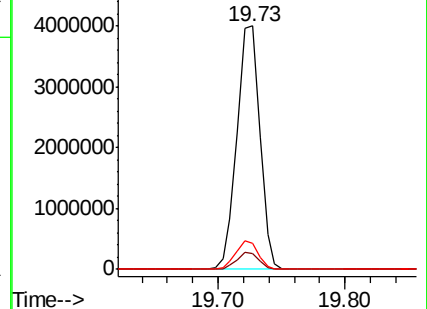
122 10.6 9.3 13.9



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: 46.586 ng

RT: 20.42 min Scan# 2947

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

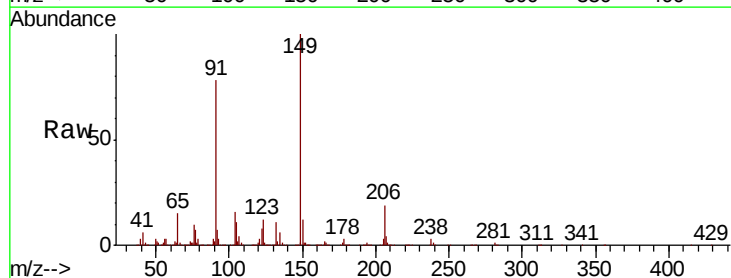
Tgt Ion:149 Resp: 1581951

Ion Ratio Lower Upper

149 100

91 77.6 61.4 92.0

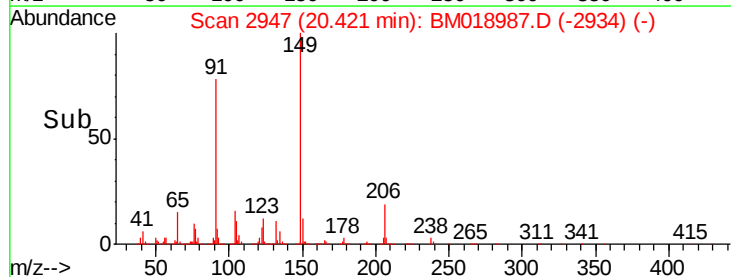
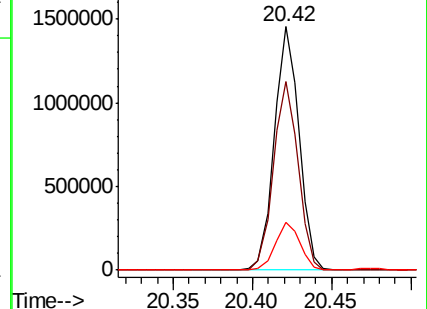
206 19.5 15.8 23.8

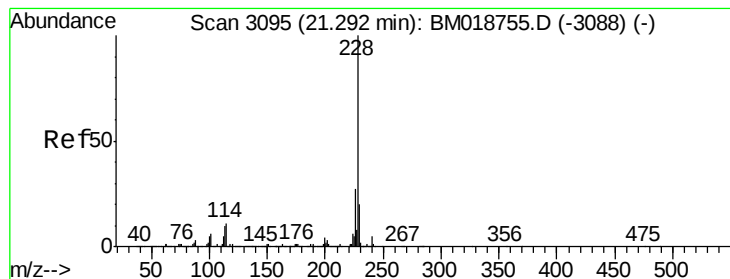


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.238 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

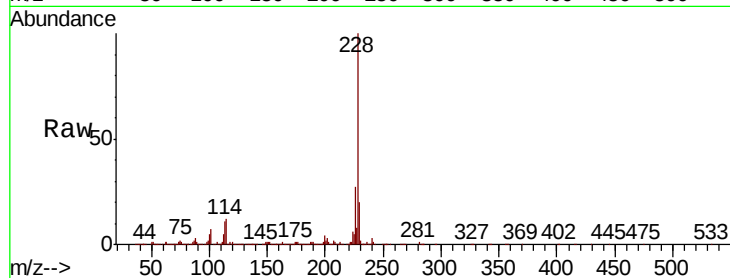
Tgt Ion:228 Resp: 3233518

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

229 20.0 15.9 23.9

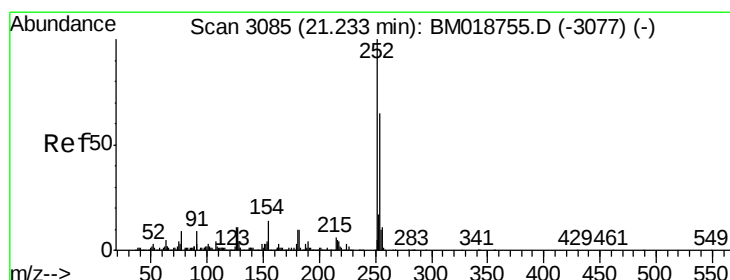
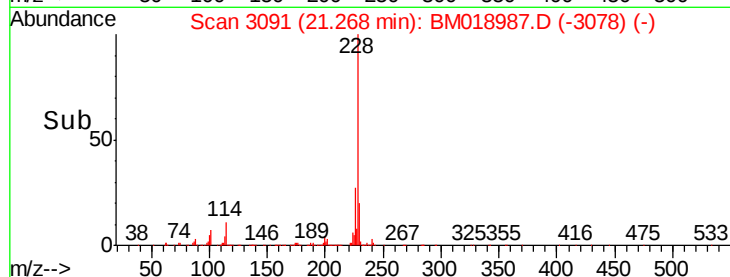
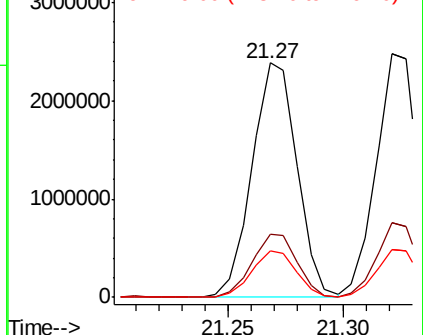


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 27.605 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

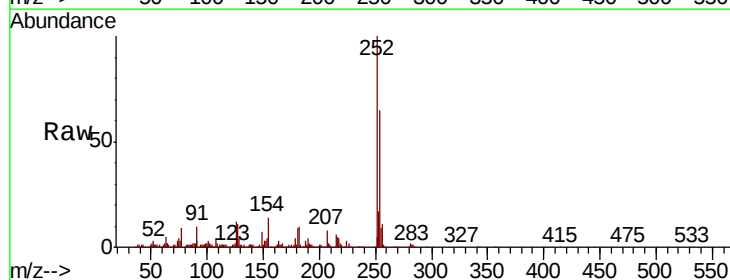
Tgt Ion:252 Resp: 815878

Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.8

126 11.5 9.1 13.7

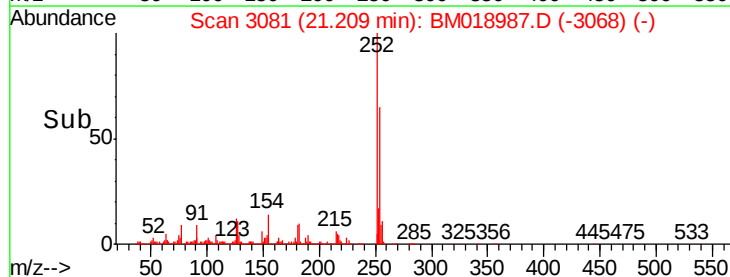
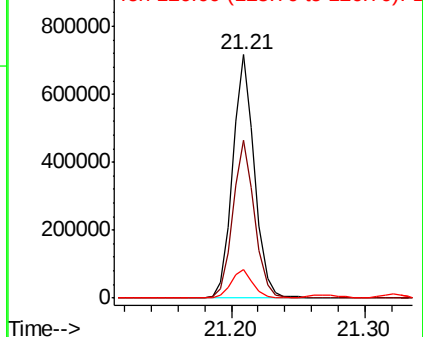


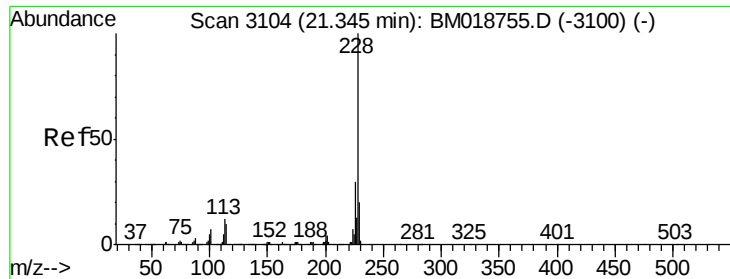
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

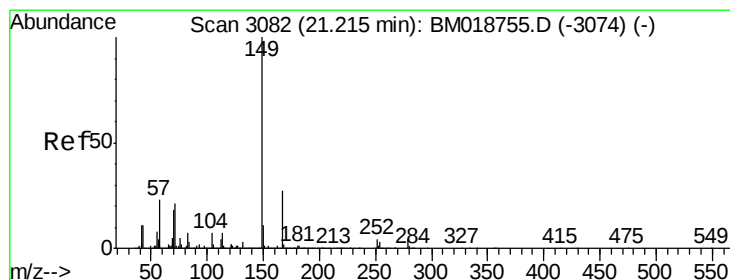
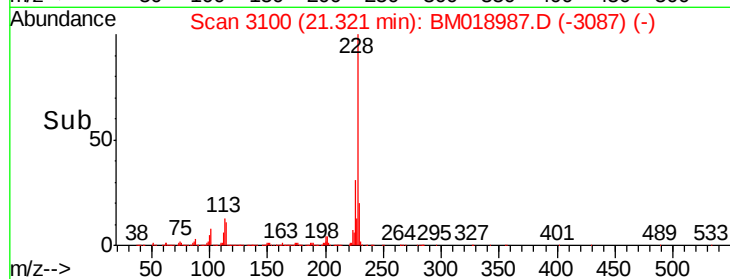
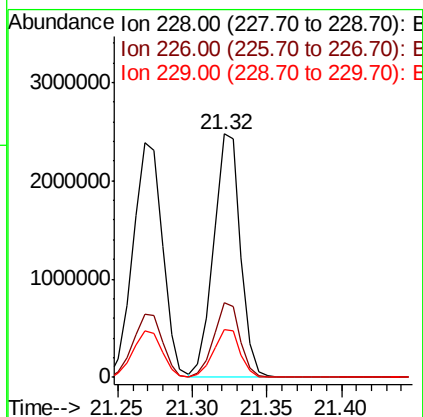
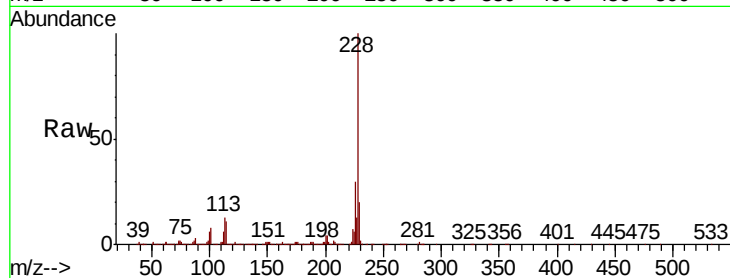




#83
Chrysene
Concen: 43.346 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

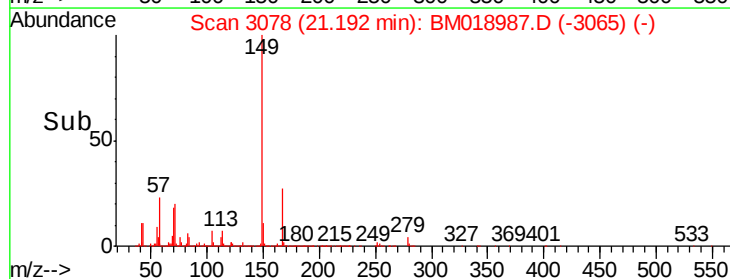
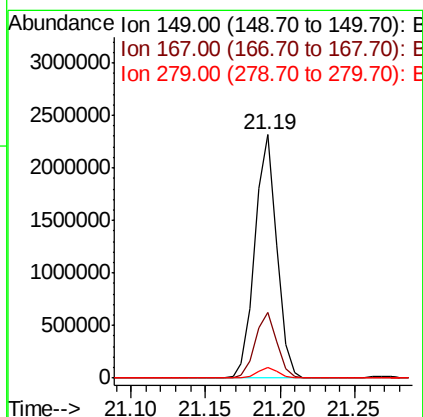
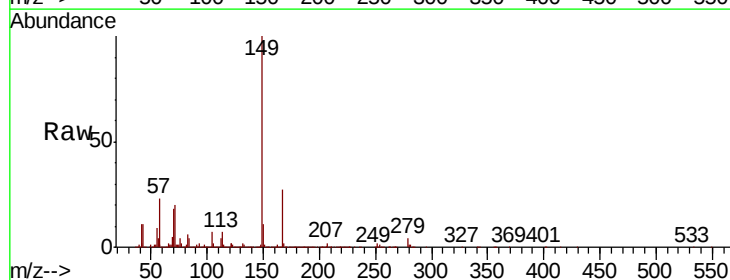
Instrument :
BNA_M
ClientSampleId :
PB117349BSD

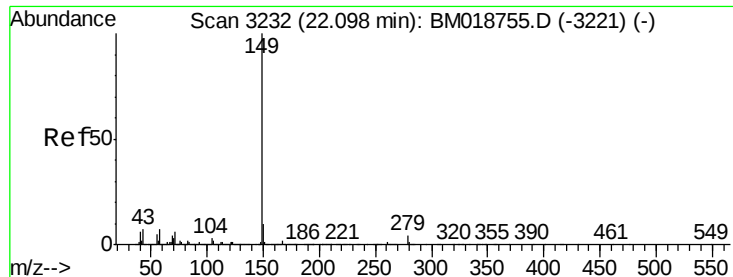
Tgt Ion:228 Resp: 3107005
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 19.7 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.690 ng
RT: 21.19 min Scan# 3078
Delta R.T. -0.02 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion:149 Resp: 2320528
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.6
279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 48.493 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

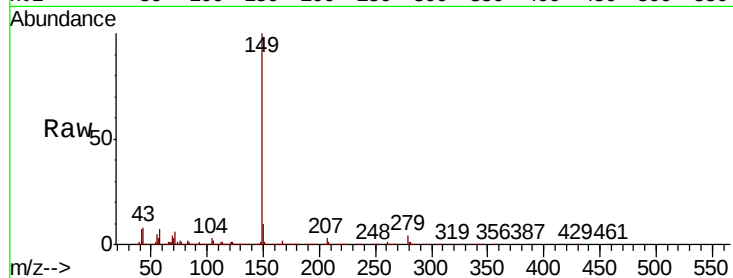
Tgt Ion:149 Resp: 4050755

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

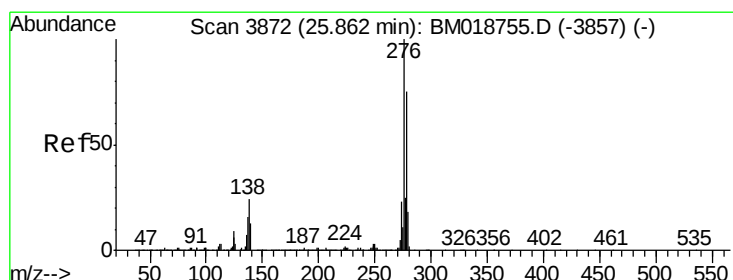
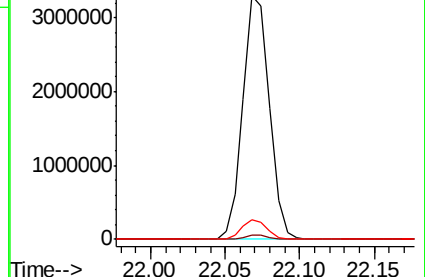
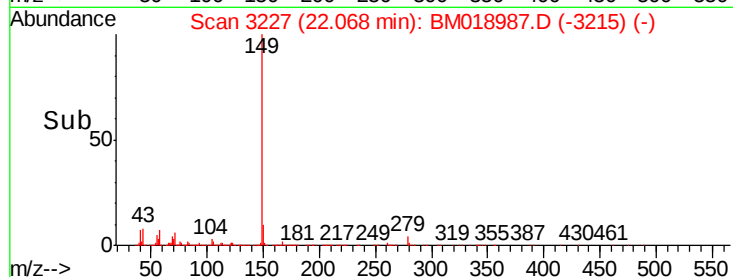
43 7.7 6.0 9.0



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: 43.292 ng

RT: 25.81 min Scan# 3864

Delta R.T. -0.05 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

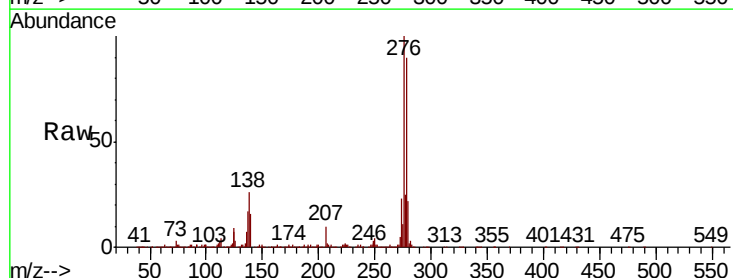
Tgt Ion:276 Resp: 3582703

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.4

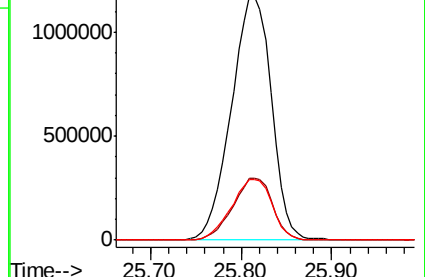
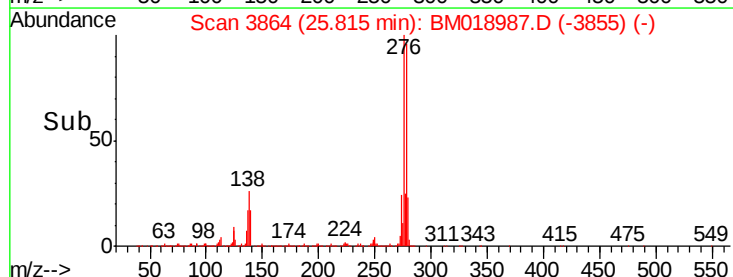
277 25.3 20.3 30.5

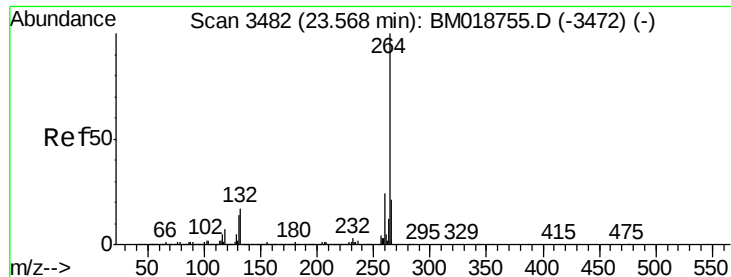


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



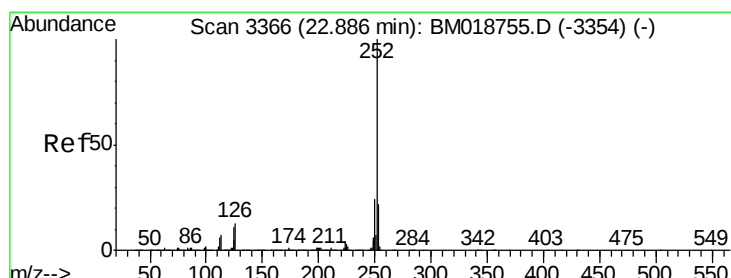
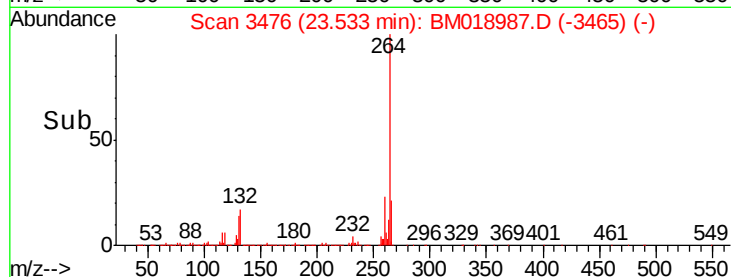
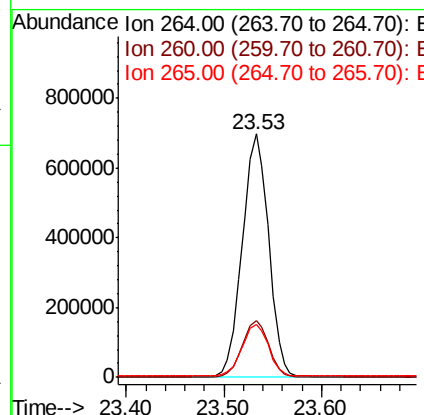
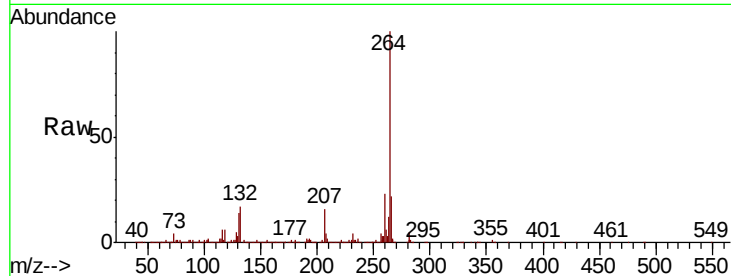


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tgt Ion: 264 Resp: 1312077

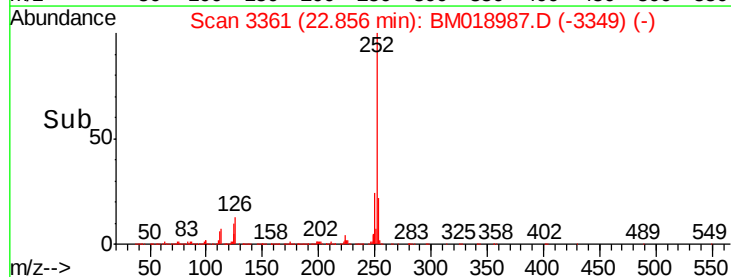
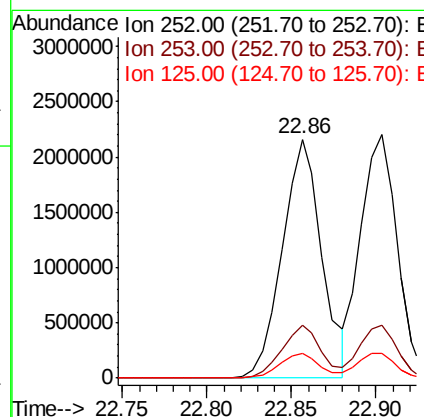
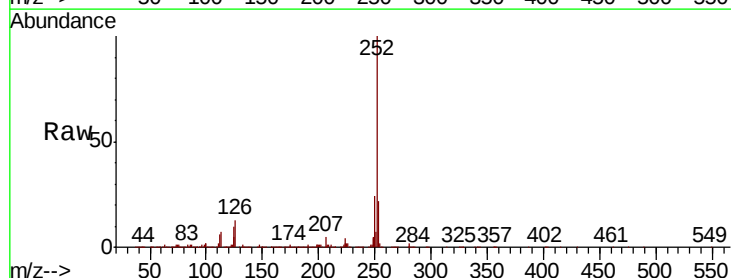
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.0	17.3	25.9

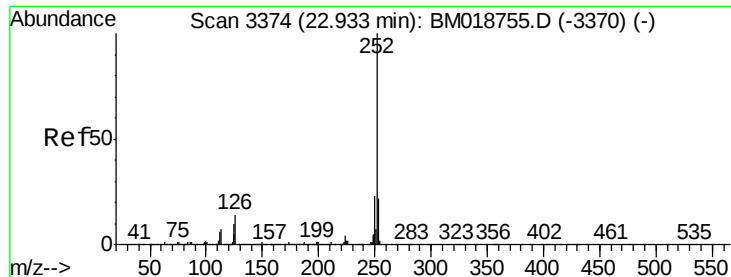


#88
Benzo(b)fluoranthene
Concen: 46.772 ng
RT: 22.86 min Scan# 3361
Delta R.T. -0.03 min
Lab File: BM018987.D
Acq: 01 Mar 2019 15:20

Tgt Ion: 252 Resp: 3511142

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.4	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 44.250 ng

RT: 22.90 min Scan# 3369

Delta R.T. -0.03 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

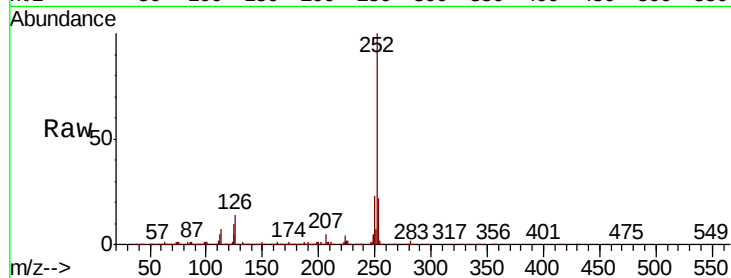
Tgt Ion:252 Resp: 3307031

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

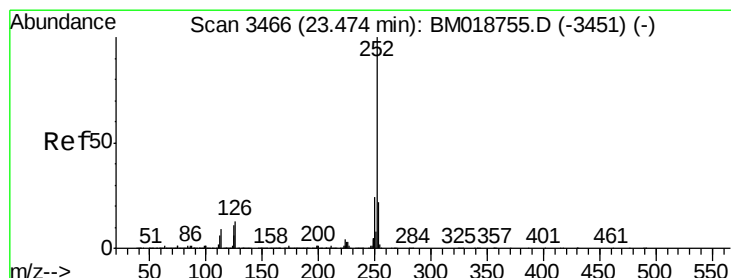
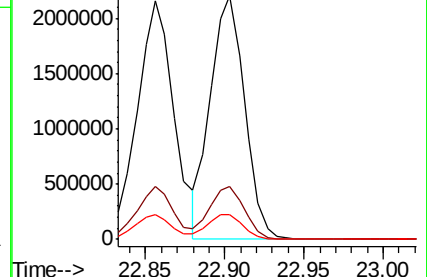
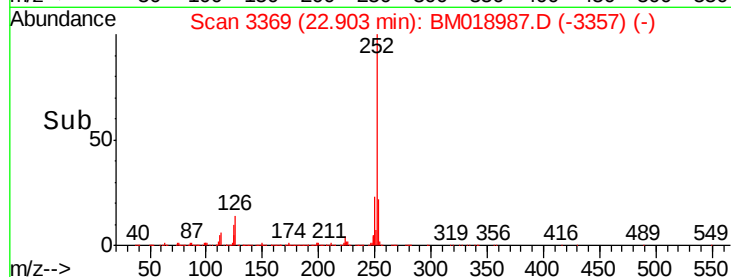
125 10.0 8.2 12.4



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: 46.113 ng

RT: 23.44 min Scan# 3460

Delta R.T. -0.04 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

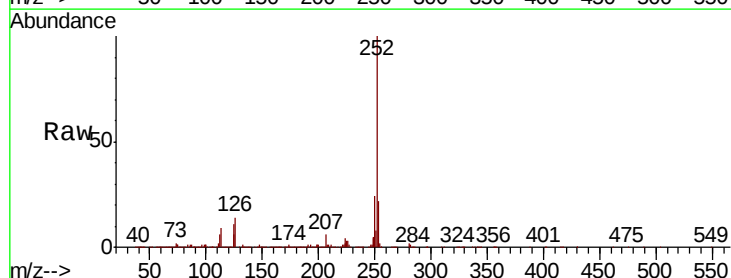
Tgt Ion:252 Resp: 3279309

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

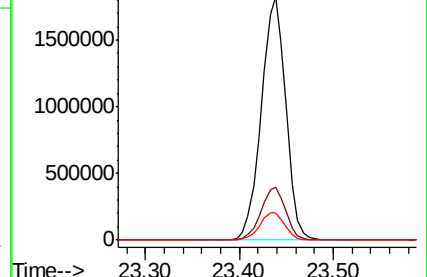
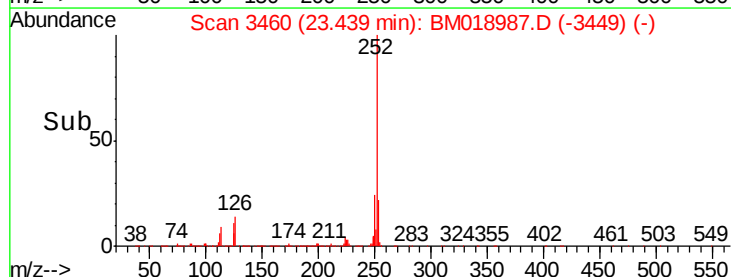
125 11.3 8.6 13.0

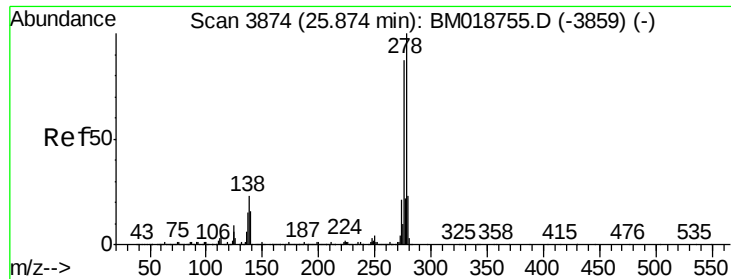


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.679 ng

RT: 25.82 min Scan# 3865

Delta R.T. -0.05 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

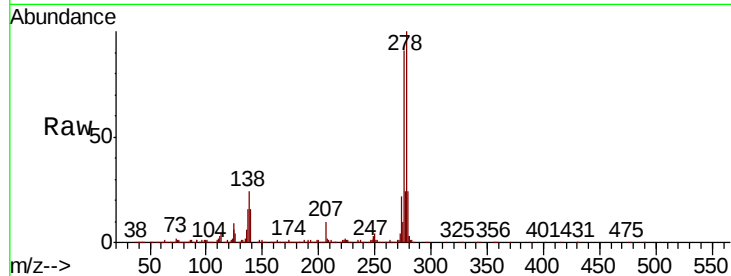
Tgt Ion:278 Resp: 3077446

Ion Ratio Lower Upper

278 100

139 16.5 12.6 18.8

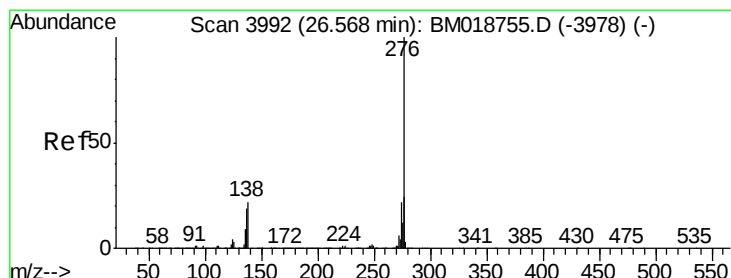
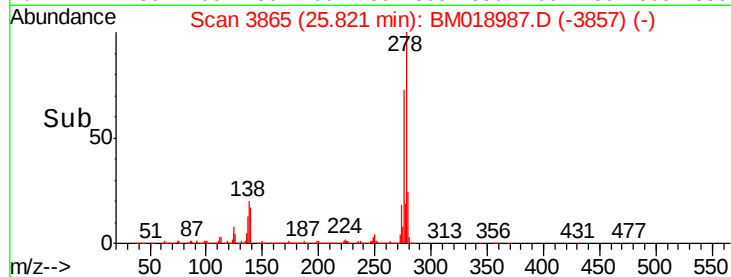
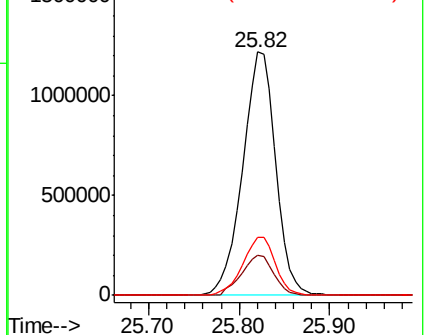
279 24.0 18.6 28.0



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: 42.820 ng

RT: 26.51 min Scan# 3983

Delta R.T. -0.05 min

Lab File: BM018987.D

Acq: 01 Mar 2019 15:20

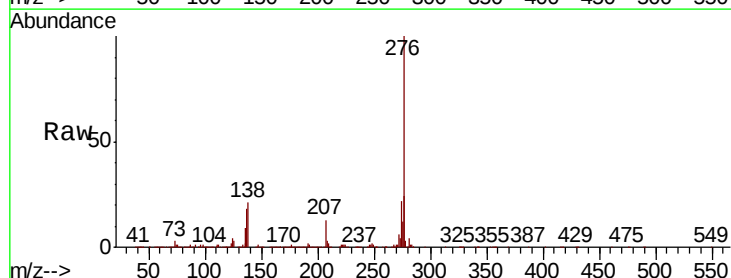
Tgt Ion:276 Resp: 2808672

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 21.2 17.3 25.9



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

