

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
 Data File : BM019090.D
 Acq On : 11 Mar 2019 12:57
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 16:03:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 15:57:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	181666	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	808828	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	496846	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1137478	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1291117	20.00	ng	0.00
87) Perylene-d12	23.51	264	1355576	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	53642	4.84	ng	0.00
7) Phenol-d6	6.85	99	70987	4.54	ng	0.00
23) Nitrobenzene-d5	8.84	82	77343	4.42	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	29310	4.09	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	189494	5.06	ng	0.00
79) Terphenyl-d14	19.71	244	315302	5.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	14750	3.054	ng	# 83
3) Pyridine	3.68	79	28808	2.187	ng	# 46
4) n-Nitrosodimethylamine	3.59	42	7894	2.356	ng	# 60
6) Aniline	7.01	93	47537	2.484	ng	97
8) 2-Chlorophenol	7.23	128	31376	2.577	ng	95
9) Benzaldehyde	6.83	77	28771	3.365	ng	95
10) Phenol	6.87	94	38732	2.357	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	30834	2.459	ng	94
12) 1,3-Dichlorobenzene	7.55	146	36007	2.631	ng	95
13) 1,4-Dichlorobenzene	7.70	146	35916	2.577	ng	96
14) 1,2-Dichlorobenzene	8.02	146	34780	2.598	ng	98
15) Benzyl Alcohol	7.93	79	29387	2.368	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	35325	2.911	ng	95
17) 2-Methylphenol	8.12	107	25371	2.425	ng	99
18) Hexachloroethane	8.72	117	12867	2.529	ng	95
19) n-Nitroso-di-n-propylamine	8.48	70	29257	2.419	ng	99
20) 3+4-Methylphenols	8.45	107	31699	2.195	ng	90
22) Acetophenone	8.50	105	50461	2.272	ng	# 86
24) Nitrobenzene	8.88	77	40939	2.255	ng	98
25) Isophorone	9.40	82	74414	2.666	ng	96
26) 2-Nitrophenol	9.59	139	13387	1.851	ng	# 84
27) 2,4-Dimethylphenol	9.64	122	24472	2.317	ng	95
28) bis(2-Chloroethoxy)methane	9.89	93	44586	2.470	ng	97
29) 2,4-Dichlorophenol	10.12	162	24004	1.979	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	34128	2.437	ng	97
31) Naphthalene	10.50	128	109124	2.766	ng	99
32) Benzoic acid	9.75	122	2680	0.291	ng	94
33) 4-Chloroaniline	10.65	127	36261	2.056	ng	96
34) Hexachlorobutadiene	10.76	225	19793	2.435	ng	91
35) Caprolactam	11.46	113	6812	1.376	ng	# 88
36) 4-Chloro-3-methylphenol	11.76	107	32348	2.212	ng	95
37) 2-Methylnaphthalene	12.12	142	77649	2.796	ng	95
38) 1-Methylnaphthalene	12.35	142	75904	2.795	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	37825	2.380	ng	99

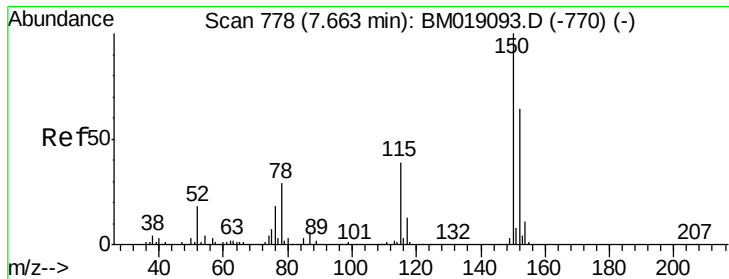
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
 Data File : BM019090.D
 Acq On : 11 Mar 2019 12:57
 Operator : JU/SJ
 Sample : SSTDICC2.5
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 15:57:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	7546	0.929	ng	97
43) 2,4,6-Trichlorophenol	12.75	196	20351	1.934	ng	98
44) 2,4,5-Trichlorophenol	12.83	196	21761	1.973	ng	91
46) 1,1'-Biphenyl	13.15	154	106246	2.484	ng	96
47) 2-Chloronaphthalene	13.19	162	78447	2.375	ng	97
48) 2-Nitroaniline	13.42	65	19803	1.805	ng	91
49) Acenaphthylene	14.04	152	126004	2.562	ng	98
50) Dimethylphthalate	13.79	163	105366	2.545	ng	99
51) 2,6-Dinitrotoluene	13.92	165	18784	2.094	ng	91
52) Acenaphthene	14.38	154	79255	2.628	ng	96
53) 3-Nitroaniline	14.26	138	15440	1.523	ng #	94
54) 2,4-Dinitrophenol	14.48	184	4676	0.943	ng	93
55) Dibenzofuran	14.72	168	127679	2.576	ng	99
56) 4-Nitrophenol	14.61	139	6351	0.785	ng #	81
57) 2,4-Dinitrotoluene	14.71	165	22018	1.782	ng #	79
58) Fluorene	15.37	166	98841	2.606	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	17118	1.756	ng	93
60) Diethylphthalate	15.15	149	104706	2.451	ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	49103	2.309	ng	94
62) 4-Nitroaniline	15.43	138	14214	1.431	ng	95
63) Azobenzene	15.66	77	98668	2.154	ng	95
65) 4,6-Dinitro-2-methylphenol	15.48	198	9396	1.177	ng #	47
66) n-Nitrosodiphenylamine	15.59	169	82823	2.305	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	28813	2.263	ng	98
68) Hexachlorobenzene	16.37	284	35460	2.396	ng	93
69) Atrazine	16.54	200	26477	2.285	ng	99
70) Pentachlorophenol	16.73	266	14192	1.489	ng	97
71) Phenanthrene	17.12	178	165486	2.707	ng	98
72) Anthracene	17.21	178	147795	2.484	ng	99
73) Carbazole	17.49	167	137289	2.209	ng	97
74) Di-n-butylphthalate	18.04	149	161138	2.254	ng	99
75) Fluoranthene	19.14	202	181147	2.565	ng	99
77) Benzidine	19.35	184	75845	2.608	ng	99
78) Pyrene	19.50	202	190675	2.543	ng	99
80) Butylbenzylphthalate	20.41	149	68159	1.994	ng	99
81) Benzo(a)anthracene	21.25	228	194739	2.587	ng	98
82) 3,3'-Dichlorobenzidine	21.20	252	67550	2.271	ng	96
83) Chrysene	21.31	228	194989	2.703	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	100283	2.005	ng	100
85) Di-n-octyl phthalate	22.05	149	173759	2.067	ng	99
86) Indeno(1,2,3-cd)pyrene	25.78	276	221151	2.655	ng	99
88) Benzo(b)fluoranthene	22.83	252	202041	2.605	ng	99
89) Benzo(k)fluoranthene	22.88	252	193604	2.507	ng	98
90) Benzo(a)pyrene	23.41	252	185939	2.531	ng	98
91) Dibenzo(a,h)anthracene	25.79	278	186211	2.558	ng	98
92) Benzo(g,h,i)perylene	26.47	276	178983	2.641	ng	98

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

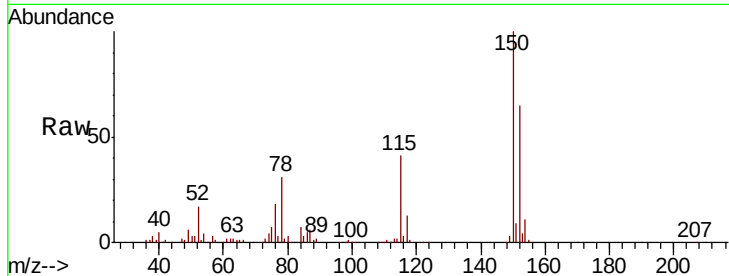


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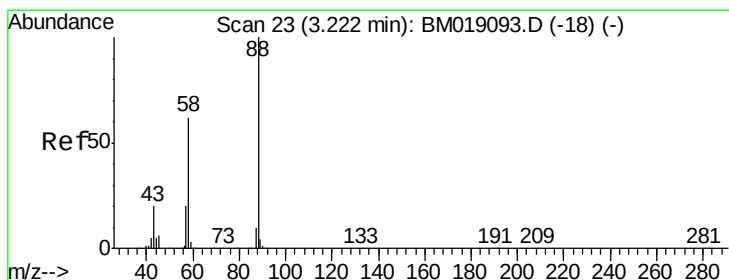
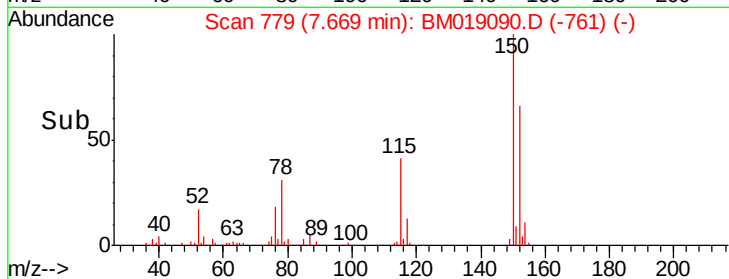
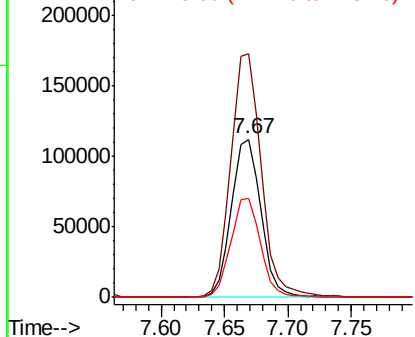
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. 0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.3	187.9
115	62.4	49.4	74.0



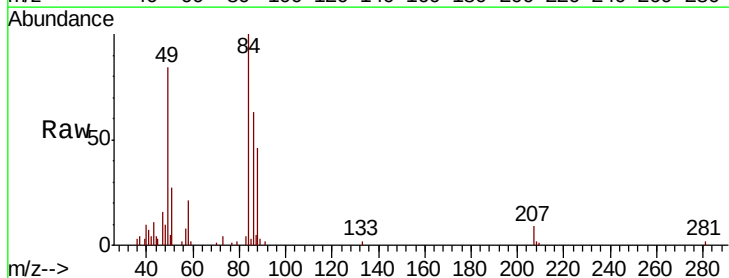
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



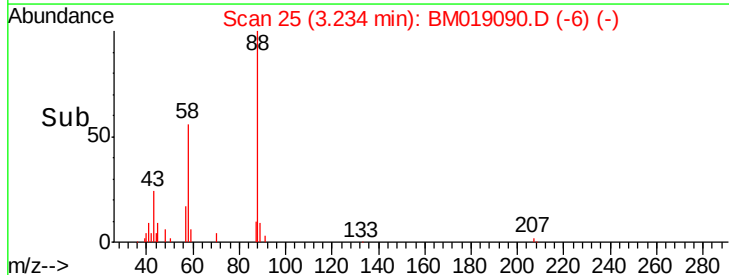
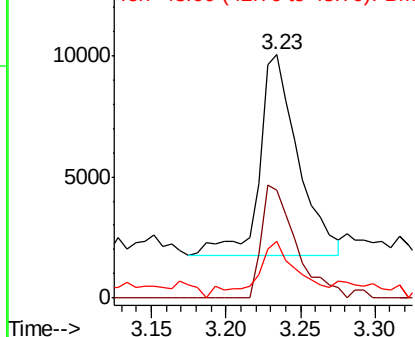
#2

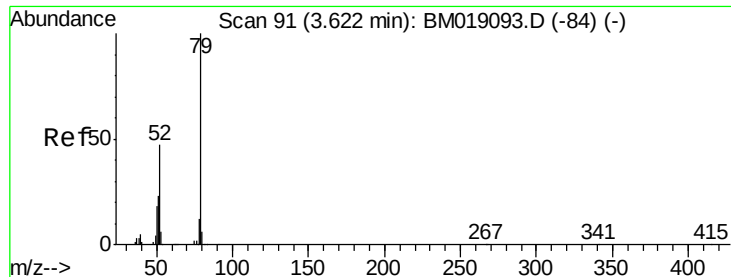
1,4-Dioxane
Concen: 3.054 ng
RT: 3.23 min Scan# 25
Delta R.T. 0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.3	50.0	75.0
43	30.5	17.0	25.4



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 2.187 ng

RT: 3.68 min Scan# 100

Delta R.T. 0.05 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

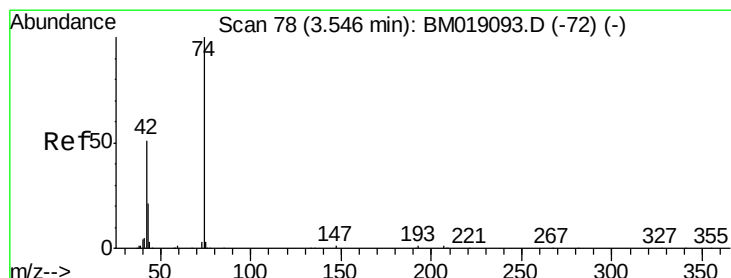
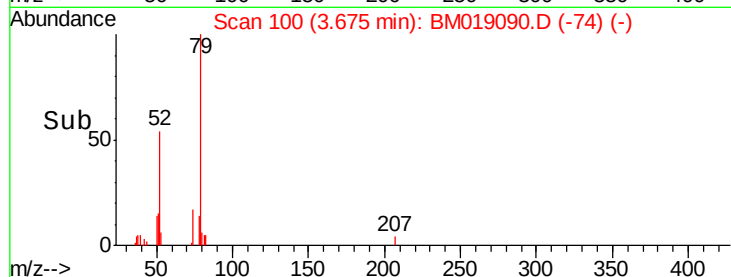
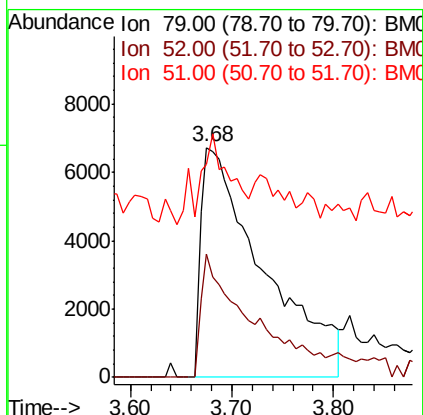
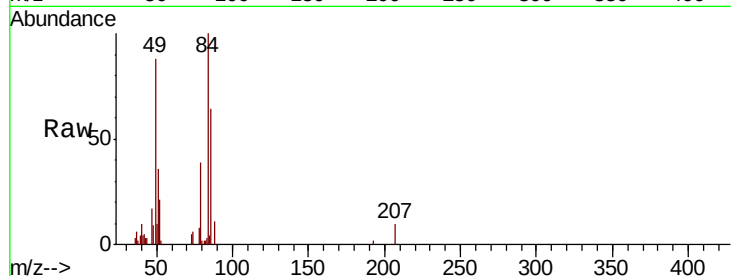
Tot Ion: 79 Resp: 28808

Ion Ratio Lower Upper

79 100

52 53.6 37.5 56.3

51 92.8 19.2 28.8#



#4

n-Nitrosodimethylamine

Concen: 2.356 ng

RT: 3.59 min Scan# 85

Delta R.T. 0.04 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

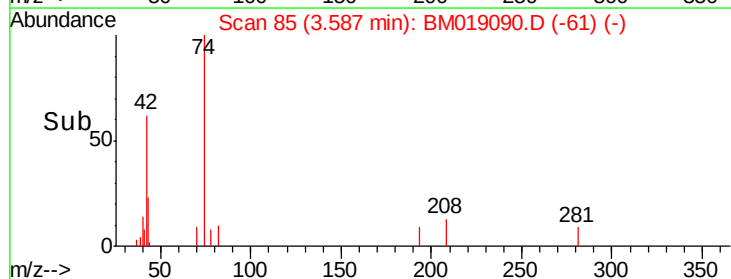
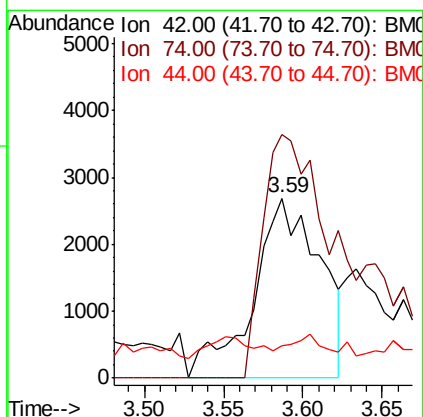
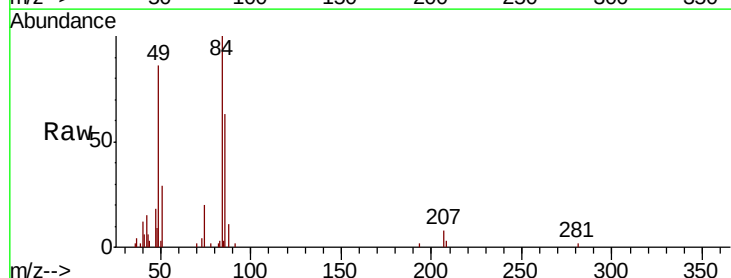
Tgt Ion: 42 Resp: 7894

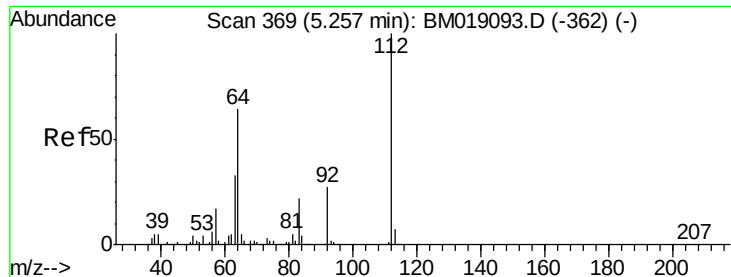
Ion Ratio Lower Upper

42 100

74 135.4 156.3 234.5#

44 18.3 4.6 7.0#





#5

2-Fluorophenol

Concen: 4.838 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

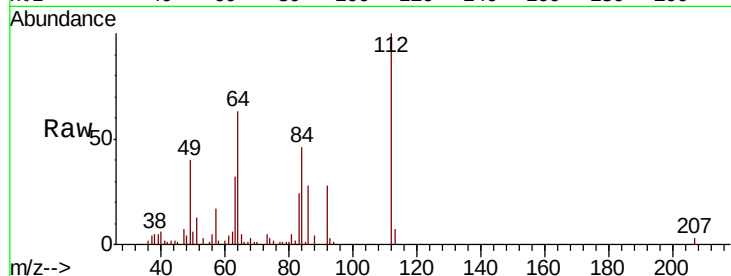
Tot Ion:112 Resp: 53642

Ion Ratio Lower Upper

112 100

64 63.0 51.4 77.0

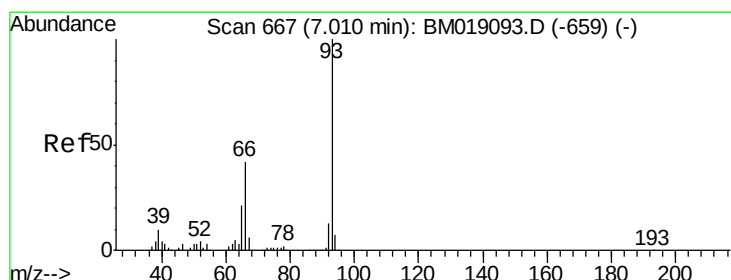
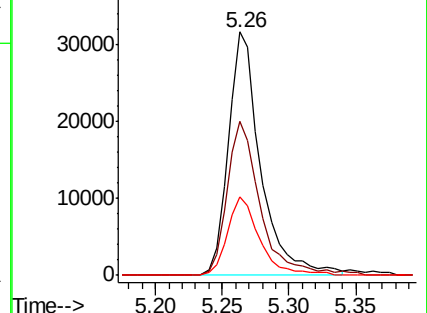
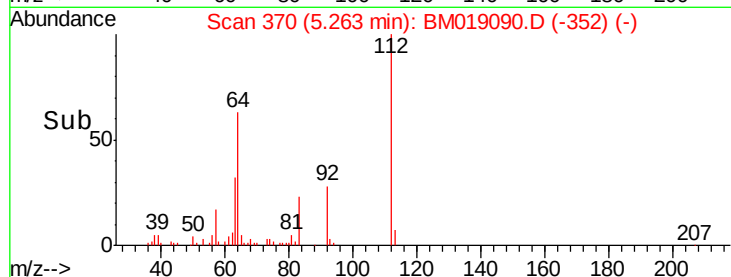
63 32.4 26.6 40.0



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: 2.484 ng

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

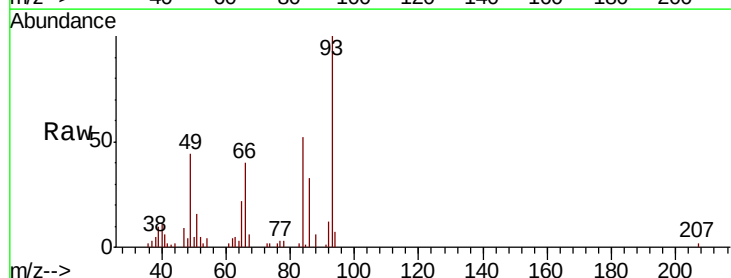
Tgt Ion: 93 Resp: 47537

Ion Ratio Lower Upper

93 100

66 40.3 33.4 50.2

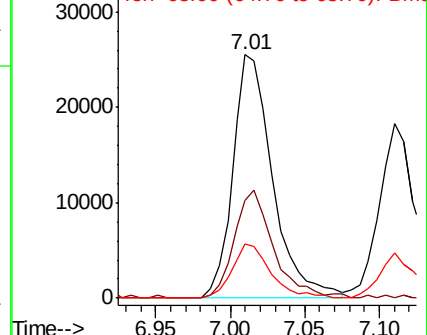
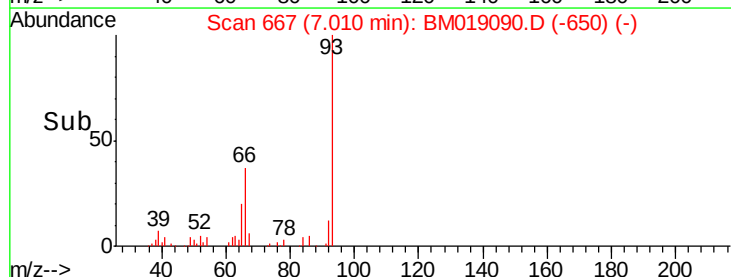
65 22.4 16.8 25.2

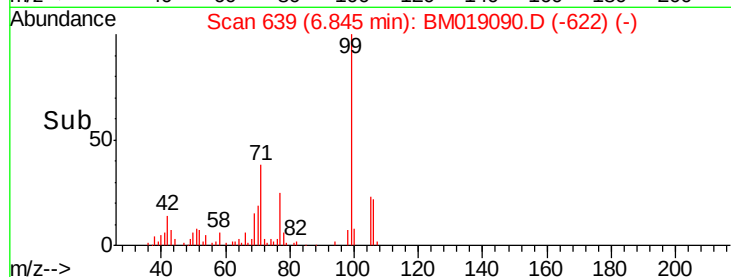
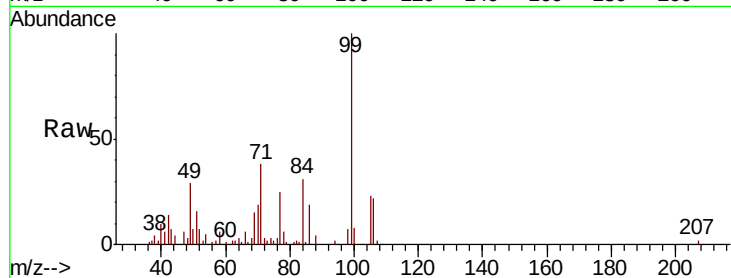
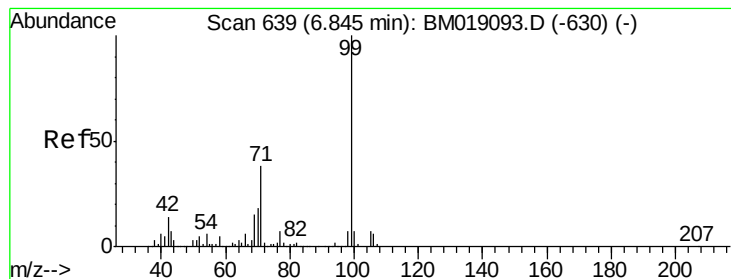


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 4.545 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampled :

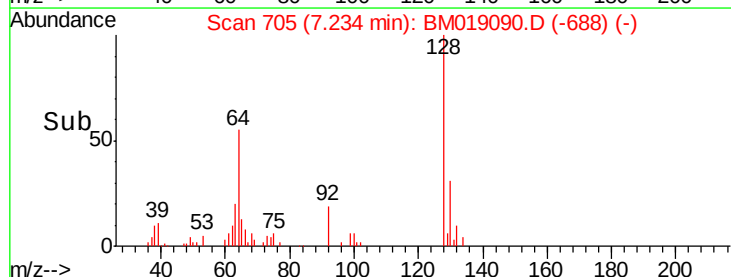
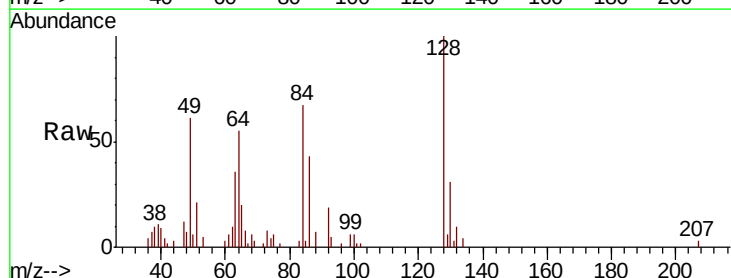
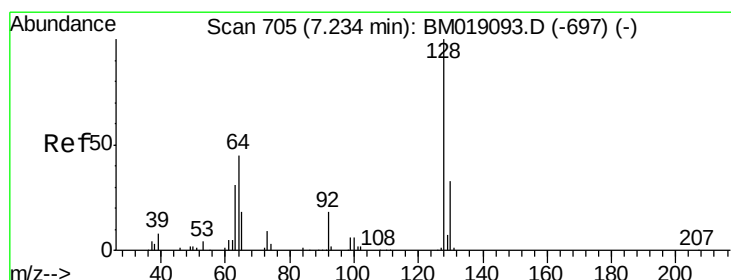
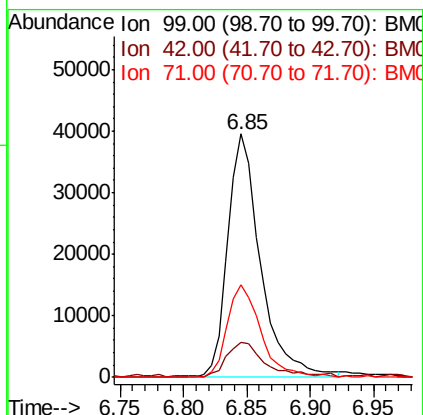
Tot Ion: 99 Resp: 70987

Ion Ratio Lower Upper

99 100

42 14.4 10.9 16.3

71 37.9 30.3 45.5



#8

2-Chlorophenol

Concen: 2.577 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

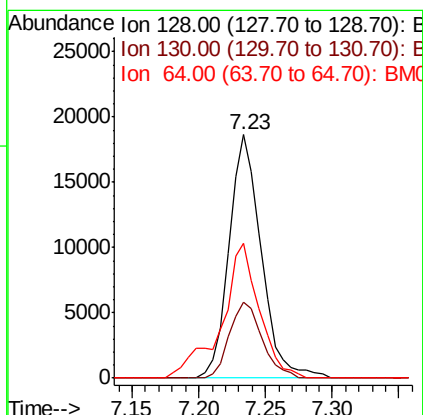
Tgt Ion: 128 Resp: 31376

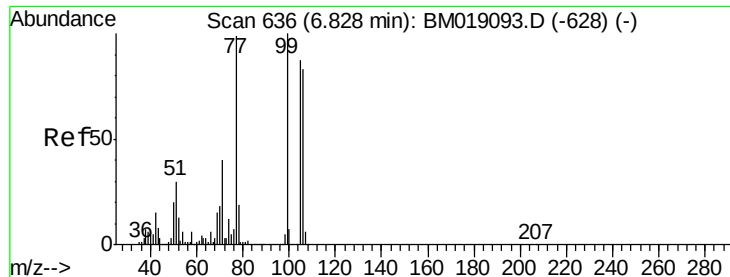
Ion Ratio Lower Upper

128 100

130 31.1 12.8 52.8

64 55.5 30.8 70.8





#9

Benzaldehyde

Concen: 3.365 ng

RT: 6.83 min Scan# 637

Delta R.T. 0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

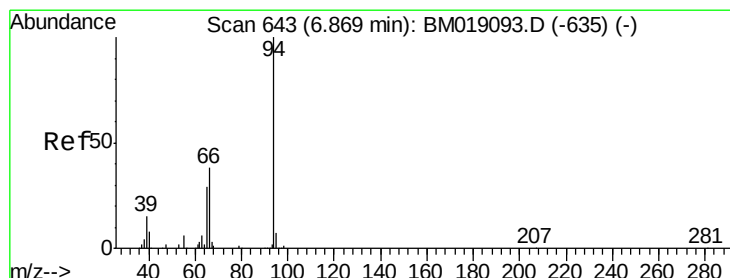
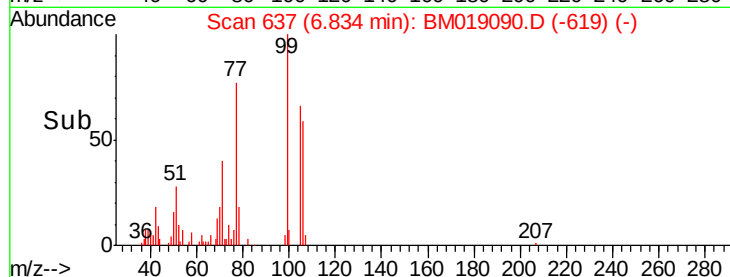
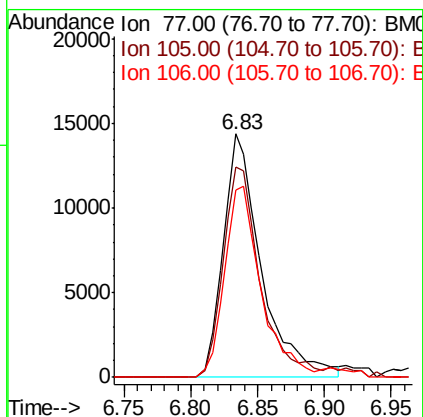
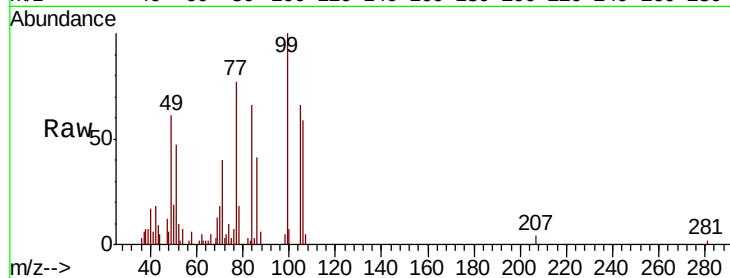
Tot Ion: 77 Resp: 28771

Ion Ratio Lower Upper

77 100

105 86.4 67.7 107.7

106 76.9 64.1 104.1



#10

Phenol

Concen: 2.357 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

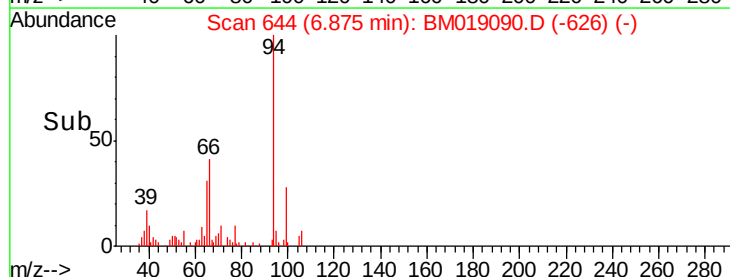
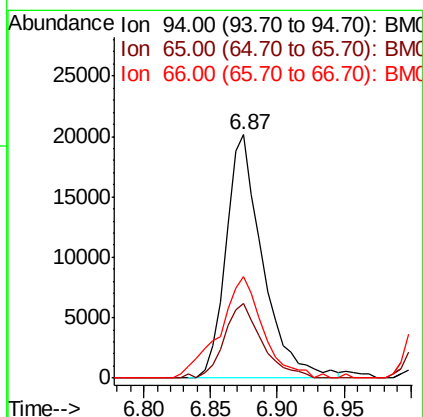
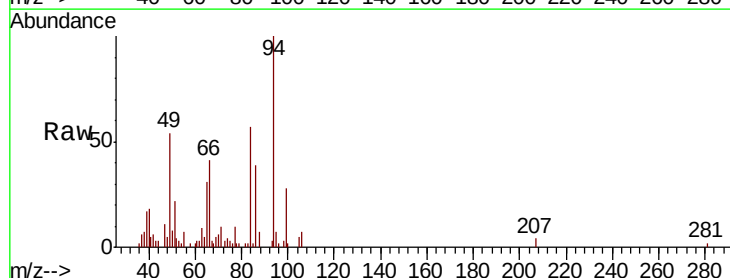
Tgt Ion: 94 Resp: 38732

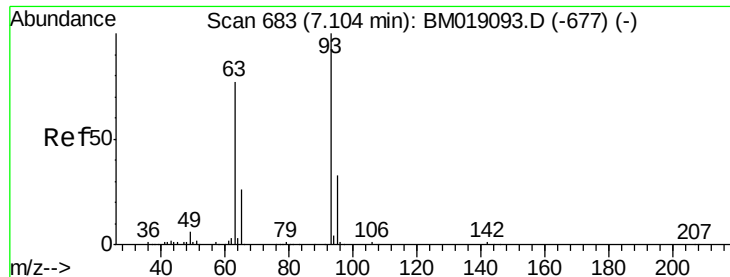
Ion Ratio Lower Upper

94 100

65 30.5 9.7 49.7

66 41.5 19.2 59.2

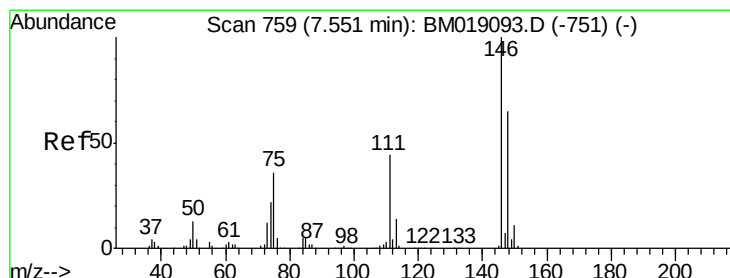
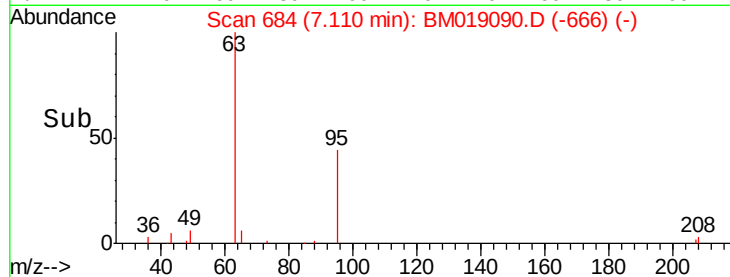
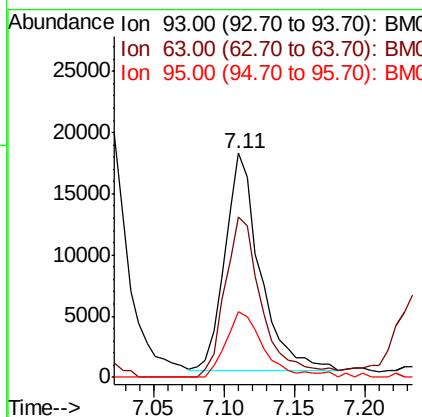
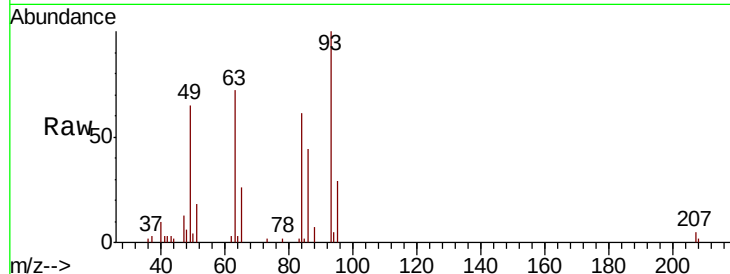




#11
bis(2-Chloroethyl)ether
Concen: 2.459 ng
RT: 7.11 min Scan# 684
Delta R.T. 0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

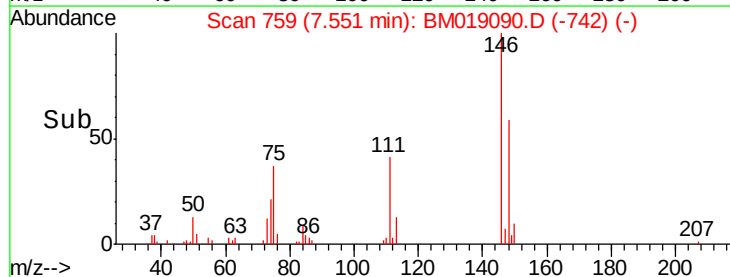
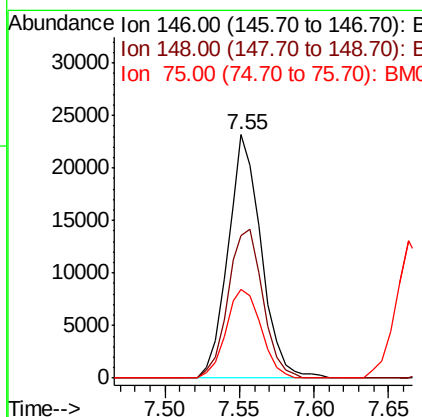
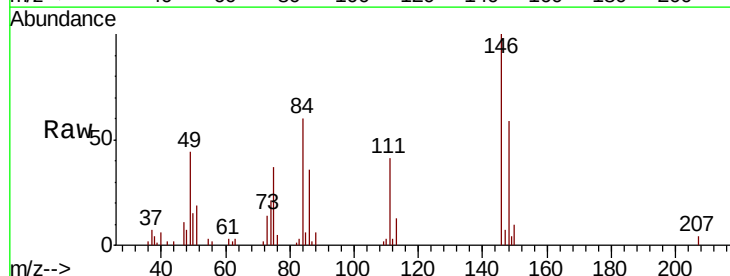
Instrument :
BNA_M
ClientSampleId :

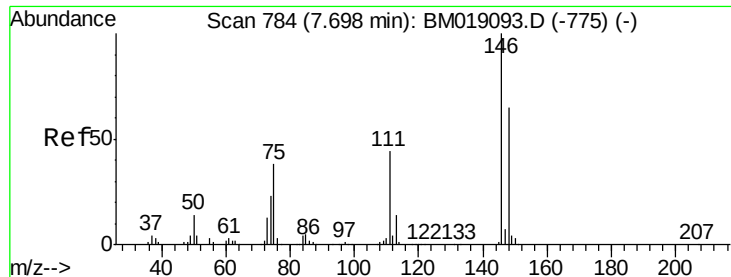
Tot Ion: 93 Resp: 30834
Ion Ratio Lower Upper
93 100
63 71.6 56.6 96.6
95 29.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 2.631 ng
RT: 7.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion: 146 Resp: 36007
Ion Ratio Lower Upper
146 100
148 58.7 51.7 77.5
75 36.7 29.1 43.7

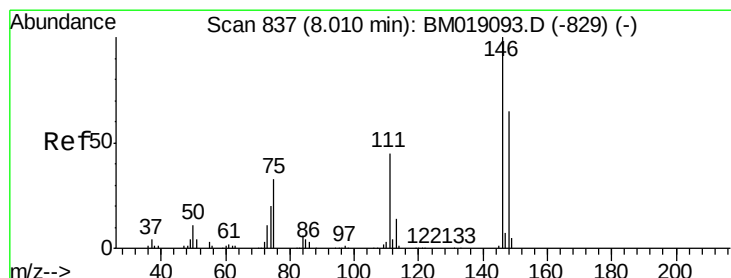
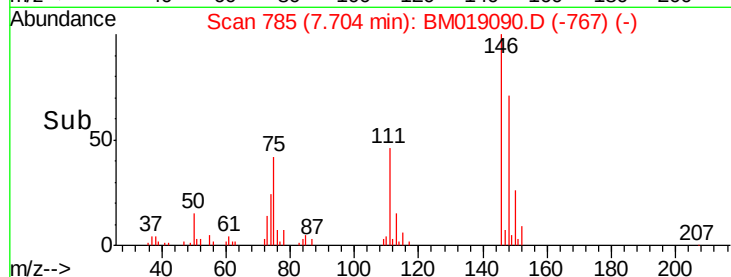
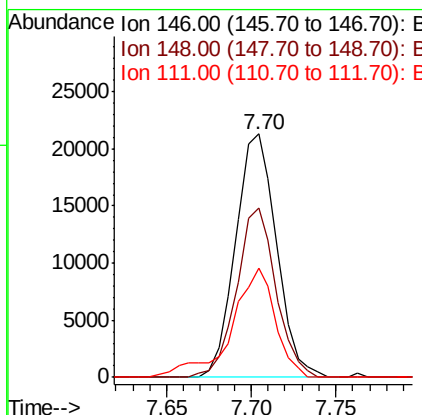
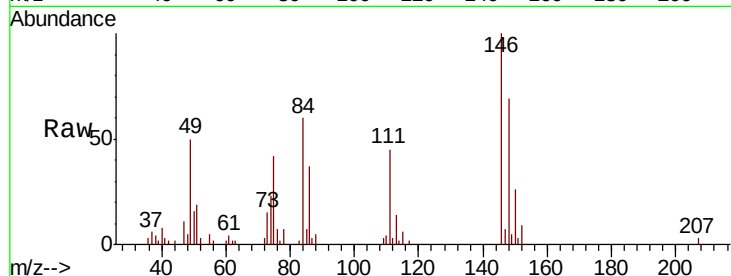




#13
 1,4-Dichlorobenzene
 Concen: 2.577 ng
 RT: 7.70 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

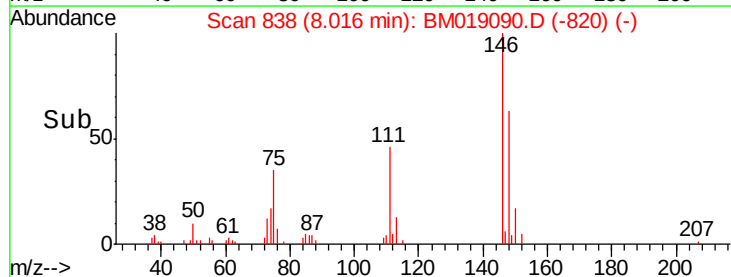
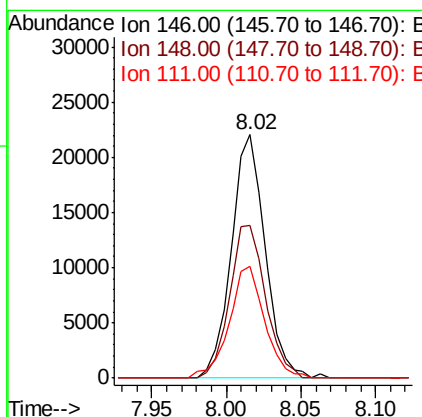
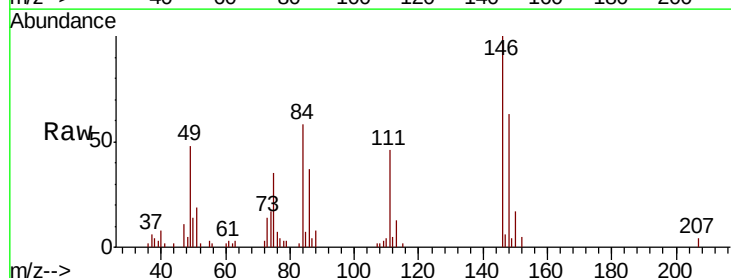
Instrument :
 BNA_M
 ClientSampled :

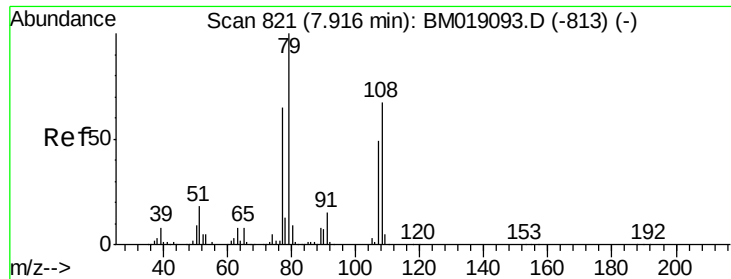
Tot Ion:146 Resp: 35916
 Ion Ratio Lower Upper
 146 100
 148 69.4 51.8 77.6
 111 45.0 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 2.598 ng
 RT: 8.02 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion:146 Resp: 34780
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.6
 111 45.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 2.368 ng

RT: 7.93 min Scan# 824

Delta R.T. 0.02 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampled :

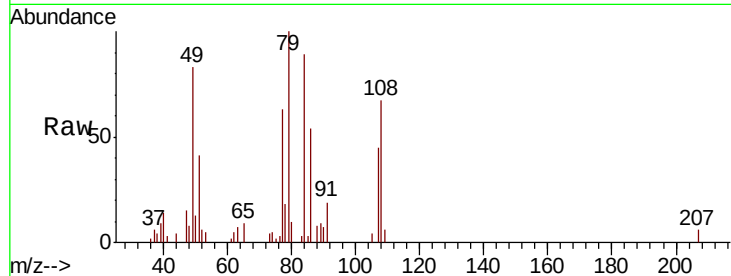
Tot Ion: 79 Resp: 29387

Ion Ratio Lower Upper

79 100

108 66.9 53.7 80.5

77 62.5 51.8 77.8

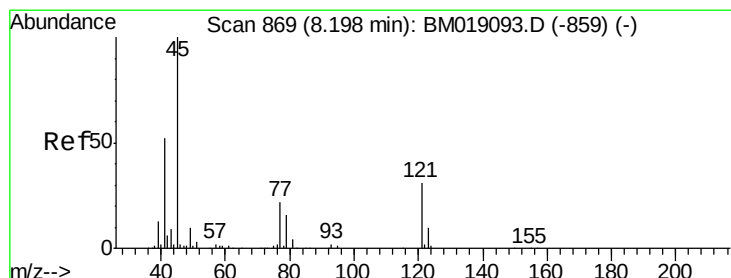
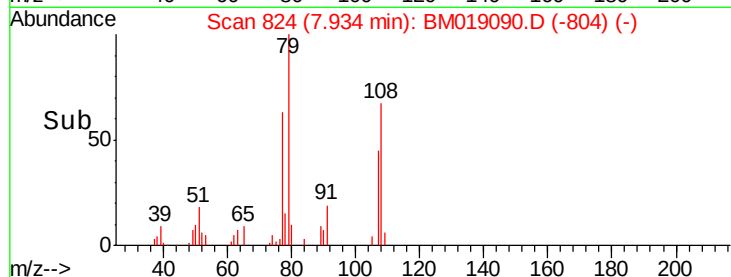


Abundance Ion 79.00 (78.70 to 79.70): BM019090.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM019090.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM019090.D (-813) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.911 ng

RT: 8.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

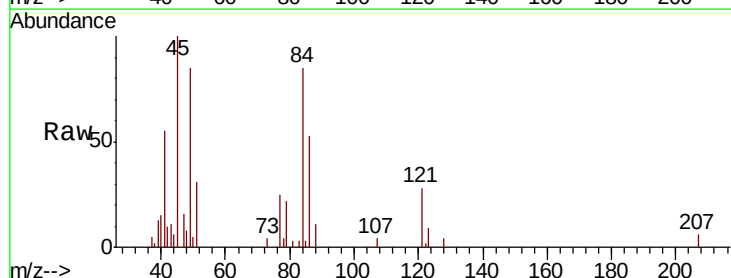
Tgt Ion: 45 Resp: 35325

Ion Ratio Lower Upper

45 100

77 25.3 4.1 44.1

79 21.6 0.0 38.1

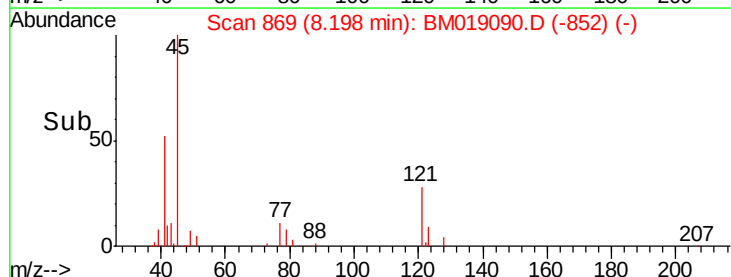


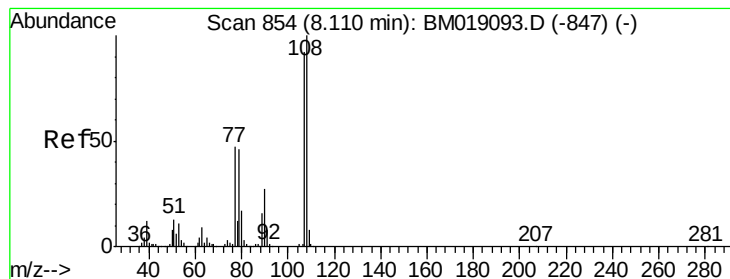
Abundance Ion 45.00 (44.70 to 45.70): BM019090.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM019090.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM019090.D (-859) (-)

Time-->

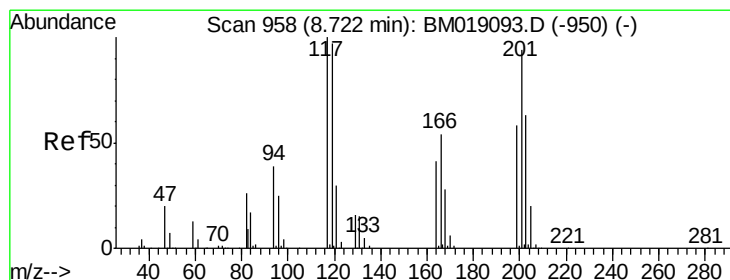
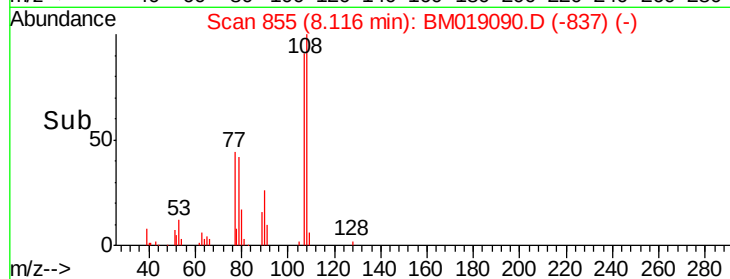
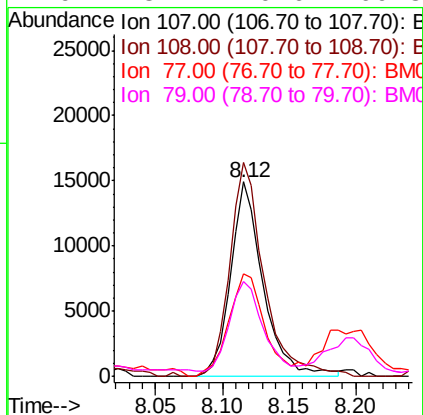
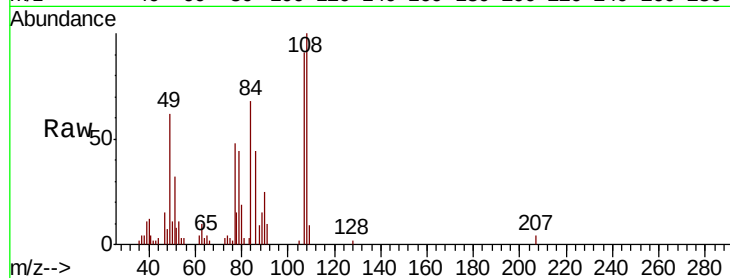




#17
2-Methylphenol
Concen: 2.425 ng
RT: 8.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

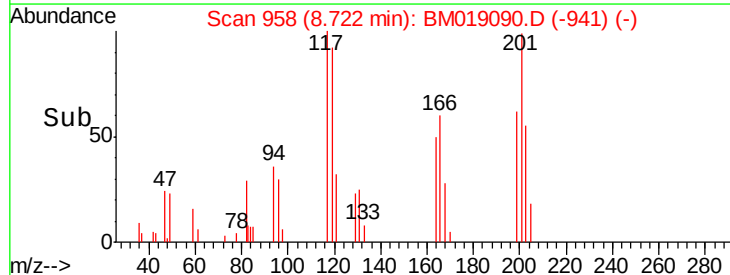
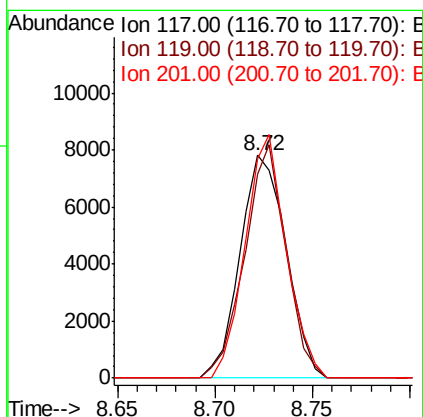
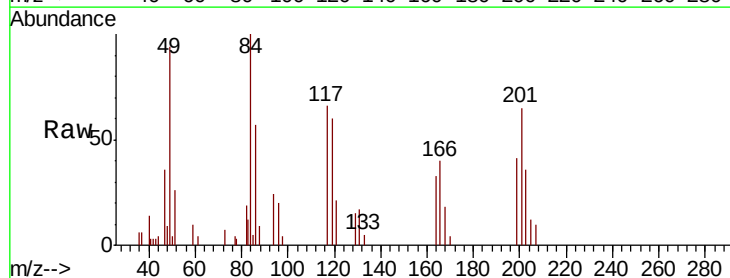
Instrument :
BNA_M
ClientSampled :

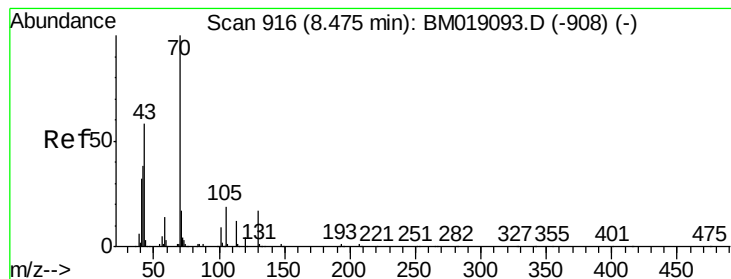
Tot Ion:	107	Resp:	25371
Ion	Ratio	Lower	Upper
107	100		
108	109.9	87.4	131.2
77	53.0	41.6	62.4
79	48.7	40.6	60.8



#18
Hexachloroethane
Concen: 2.529 ng
RT: 8.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion:	117	Resp:	12867
Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.4	116.2
201	98.5	75.2	112.8





#19

n-Nitroso-di-n-propylamine

Concen: 2.419 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BM019090.D

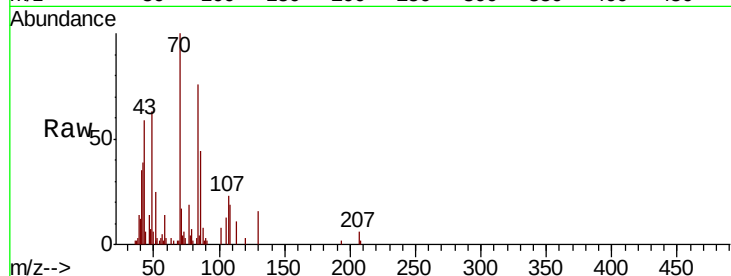
Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampled :

Tot Ion:	70	Resp:	29257
Ion	Ratio	Lower	Upper
70	100		
42	38.7	30.6	45.8
101	8.2	6.8	10.2
130	16.1	13.9	20.9



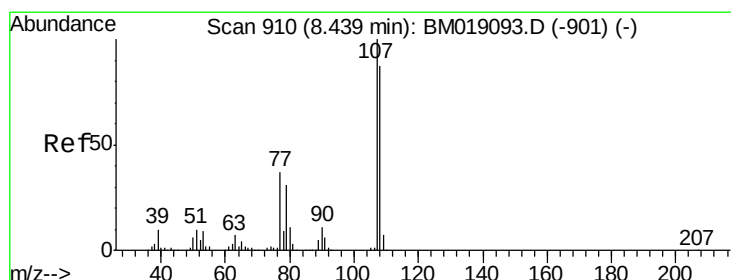
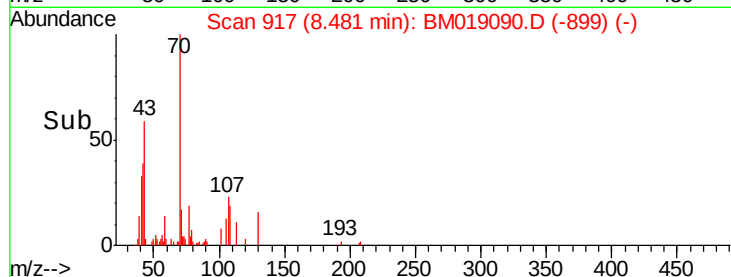
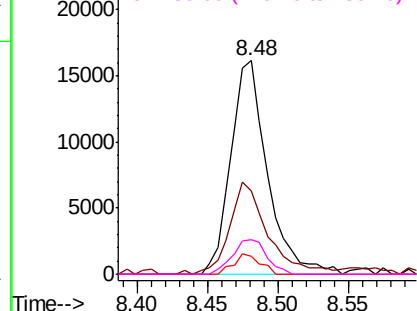
Abundance

Ion 70.00 (69.70 to 70.70): BM019090.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM019090.D (-908) (-)

Ion 101.00 (100.70 to 101.70): BM019090.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM019090.D (-908) (-)



#20

3+4-Methylphenols

Concen: 2.195 ng

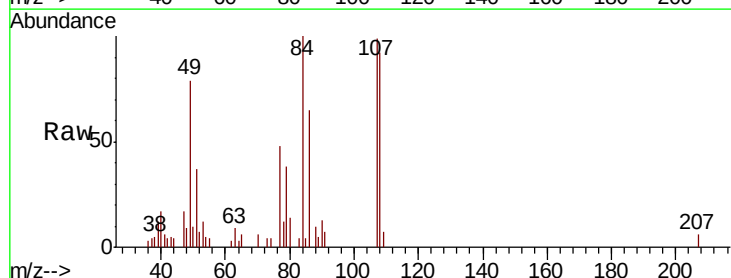
RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Tgt Ion:	107	Resp:	31699
Ion	Ratio	Lower	Upper
107	100		
108	92.4	67.0	107.0
77	48.4	17.3	57.3
79	38.7	11.6	51.6



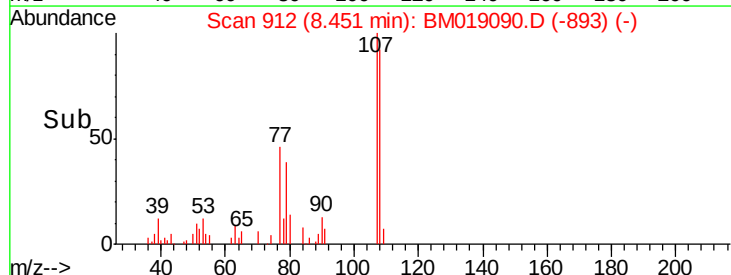
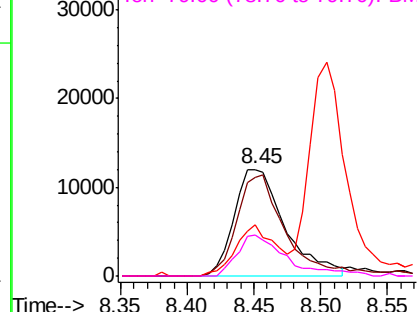
Abundance

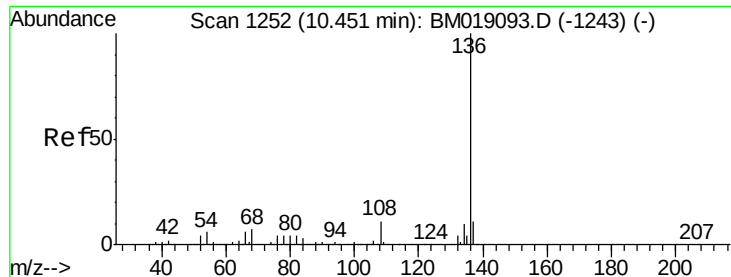
Ion 107.00 (106.70 to 107.70): BM019090.D (-893) (-)

Ion 108.00 (107.70 to 108.70): BM019090.D (-893) (-)

Ion 77.00 (76.70 to 77.70): BM019090.D (-893) (-)

Ion 79.00 (78.70 to 79.70): BM019090.D (-893) (-)

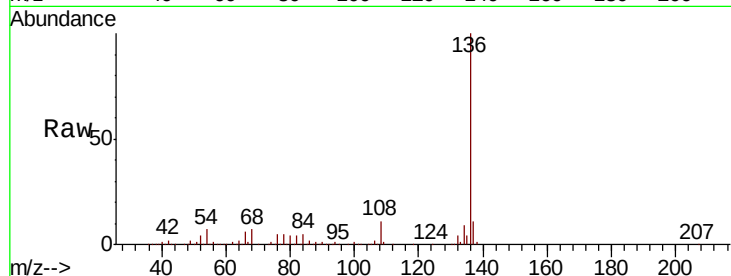




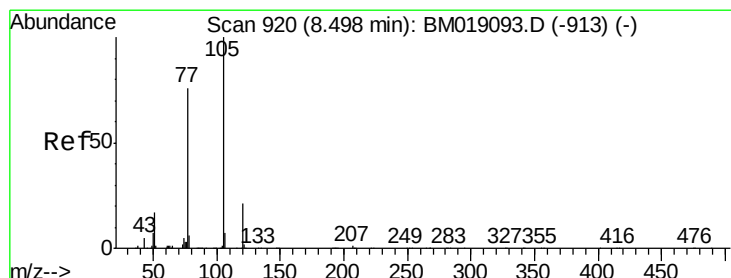
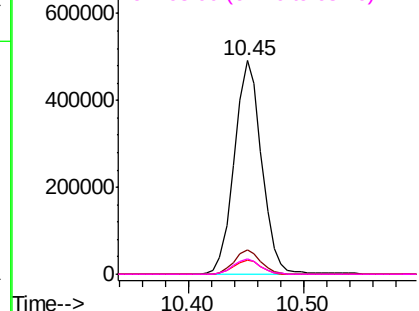
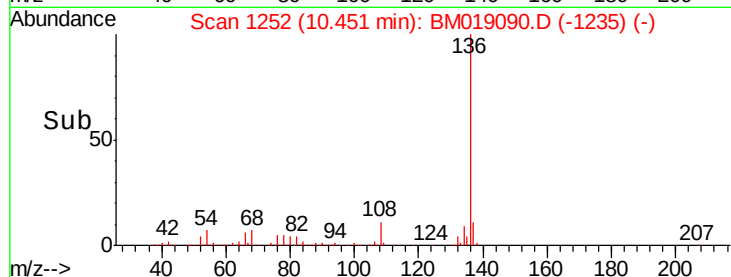
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 808828
Ion Ratio	Lower Upper
136 100	
137 11.3	8.6 13.0
54 6.7	5.2 7.8
68 7.2	5.8 8.8

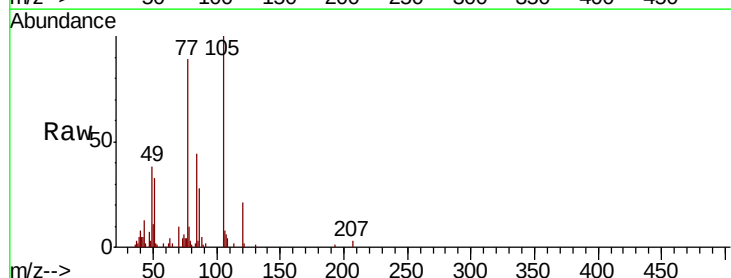


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

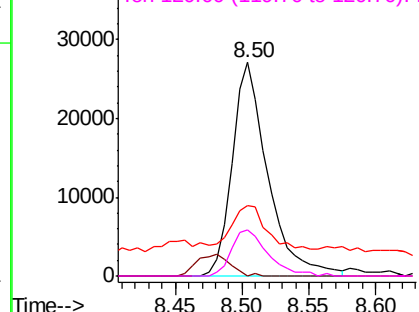
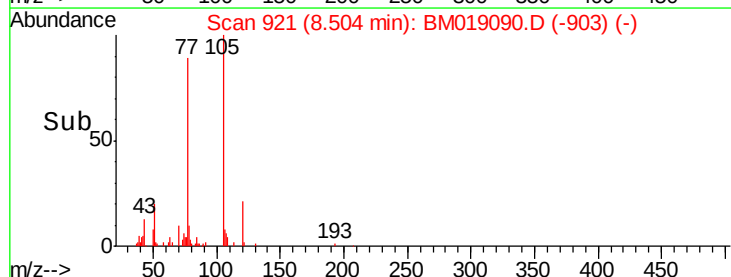


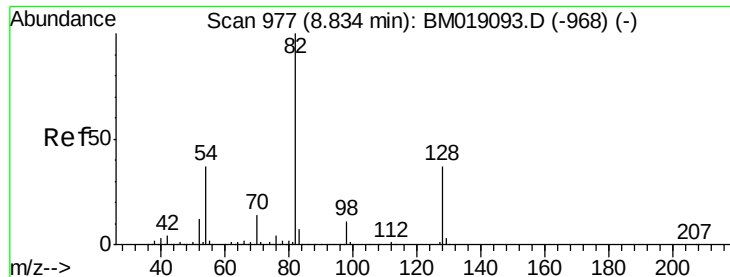
#22
Acetophenone
Concen: 2.272 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt	Ion:105	Resp:	50461
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	32.8	15.8	23.6#
120	21.3	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

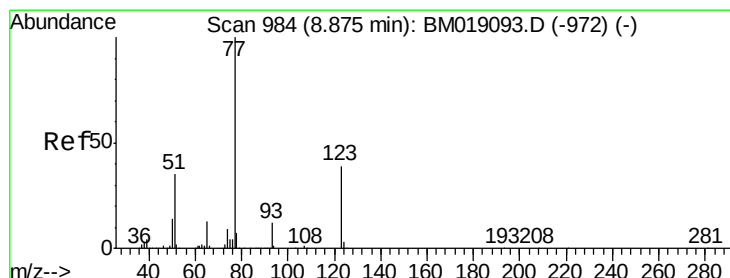
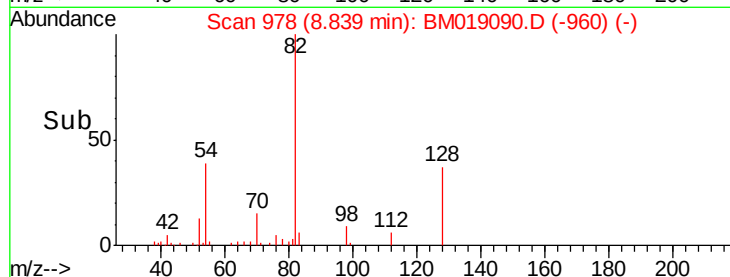
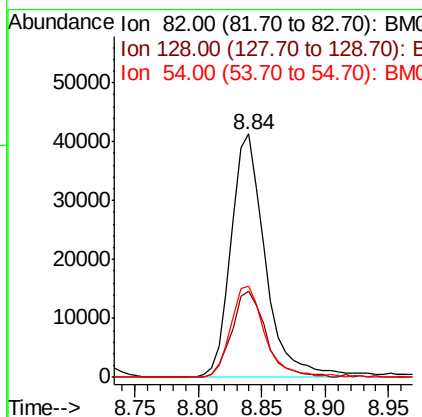
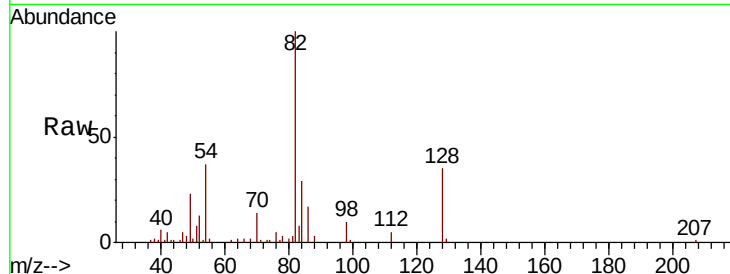




#23
Nitrobenzene-d5
Concen: 4.422 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

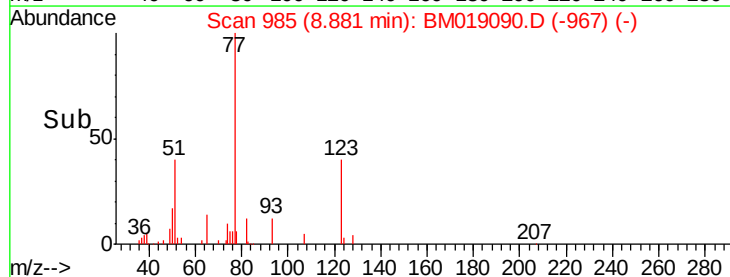
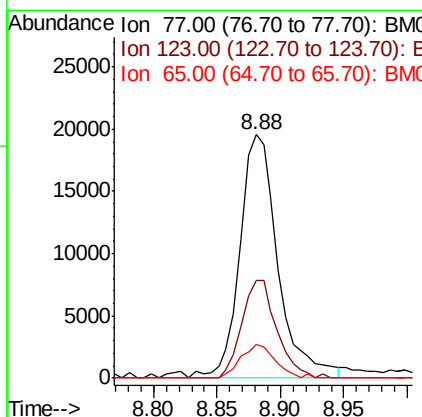
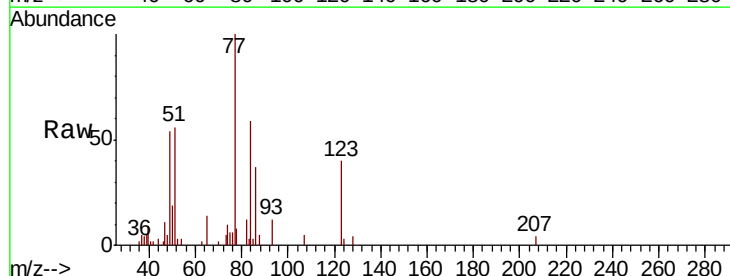
Instrument :
BNA_M
ClientSampled :

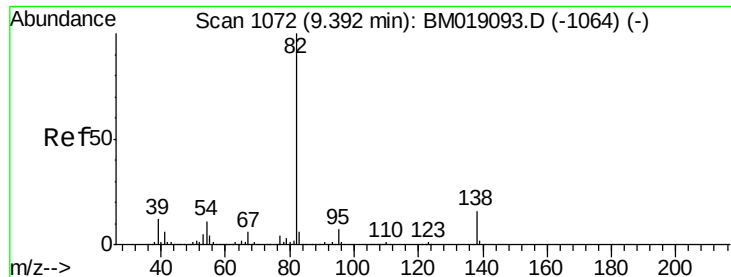
Tot Ion	82	Resp	77343
Ion Ratio	100	Lower	Upper
128	35.2	29.4	44.2
54	37.2	29.9	44.9



#24
Nitrobenzene
Concen: 2.255 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion	77	Resp	40939
Ion Ratio	100	Lower	Upper
123	40.1	31.3	46.9
65	13.9	10.5	15.7





#25

Isophorone

Concen: 2.666 ng

RT: 9.40 min Scan# 1073

Delta R.T. 0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampled :

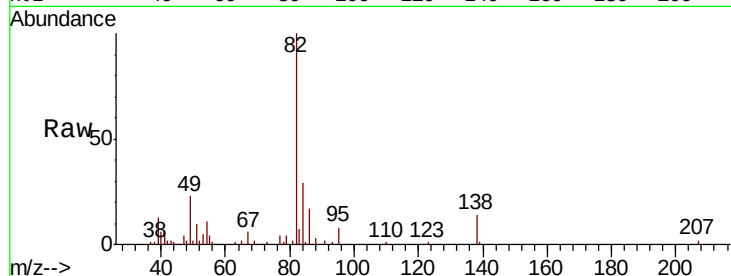
Tot Ion: 82 Resp: 74414

Ion Ratio Lower Upper

82 100

95 7.7 5.4 8.2

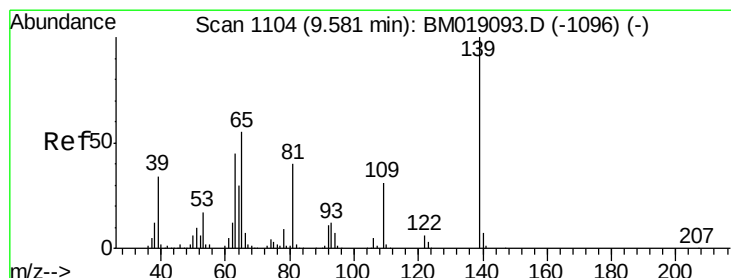
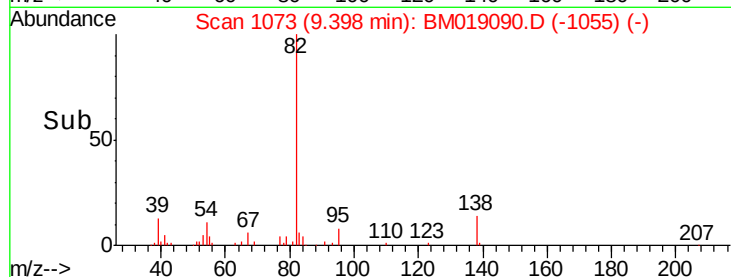
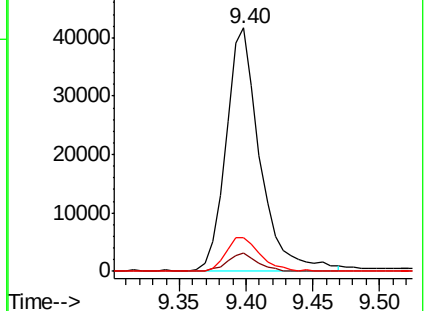
138 14.0 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BM019090.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019090.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019090.D (-1064) (-)



#26

2-Nitrophenol

Concen: 1.851 ng

RT: 9.59 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

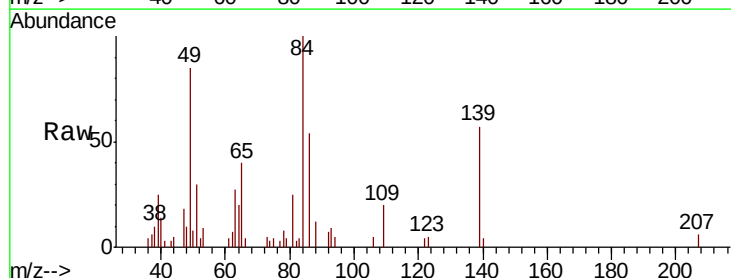
Tgt Ion: 139 Resp: 13387

Ion Ratio Lower Upper

139 100

109 34.8 24.5 36.7

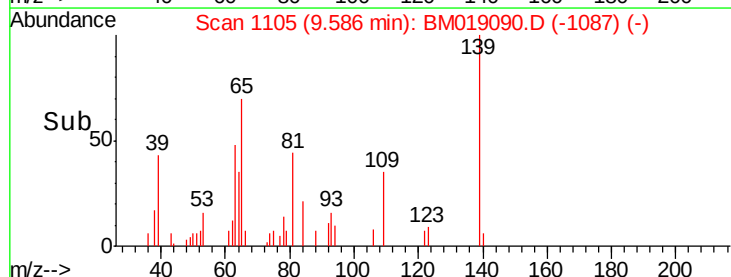
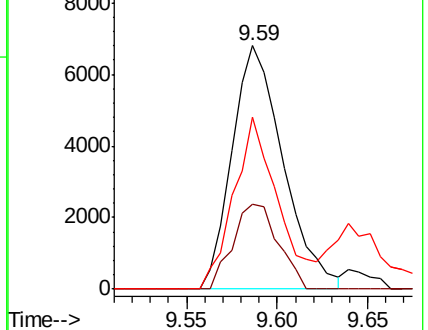
65 70.4 44.4 66.6#

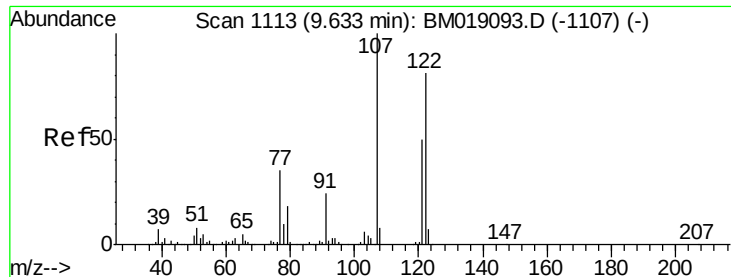


Abundance Ion 139.00 (138.70 to 139.70): BM019090.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM019090.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM019090.D (-1096) (-)

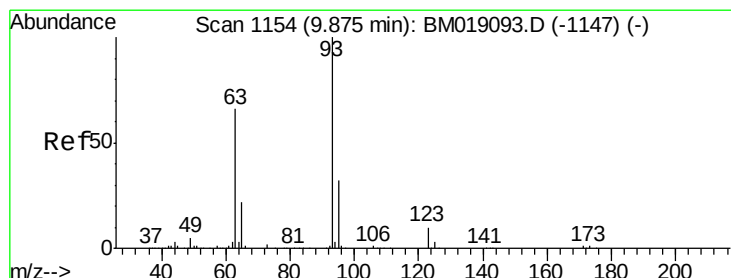
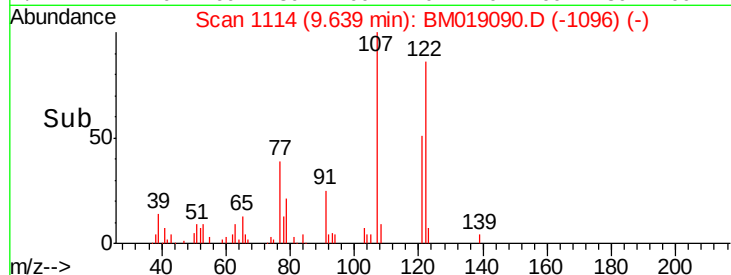
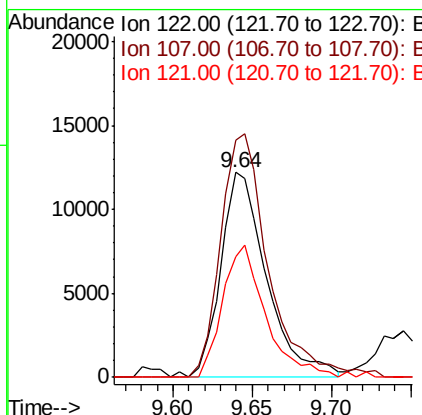
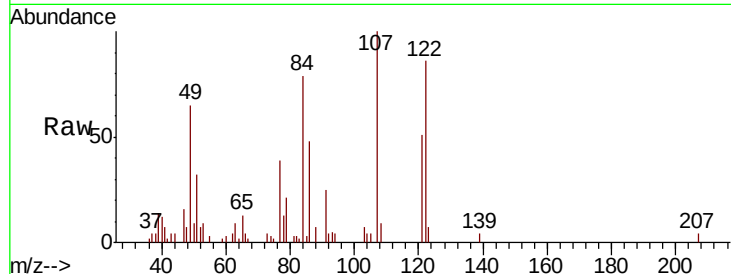




#27
 2,4-Dimethylphenol
 Concen: 2.317 ng
 RT: 9.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

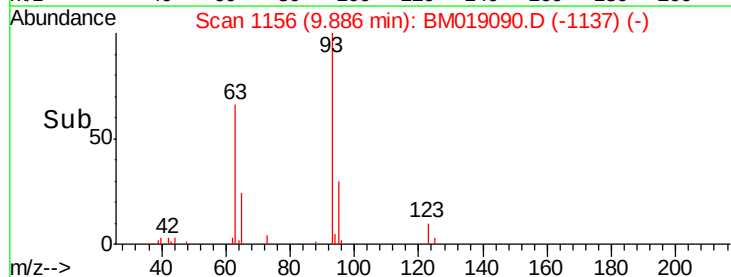
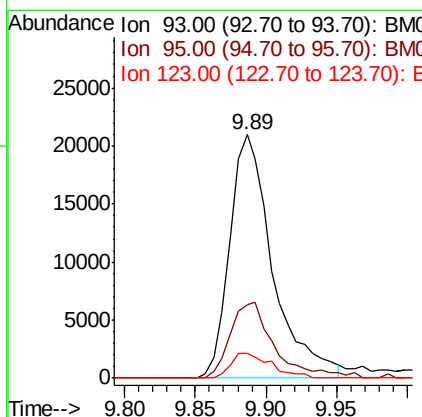
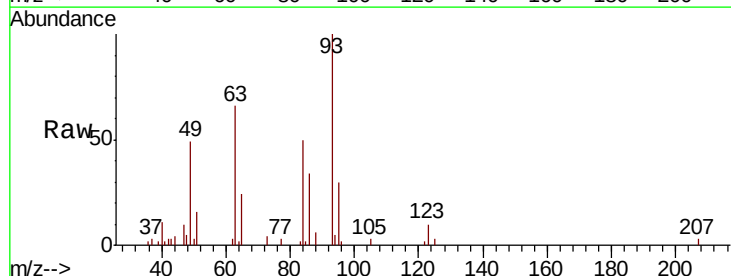
Instrument :
 BNA_M
 ClientSampleId :

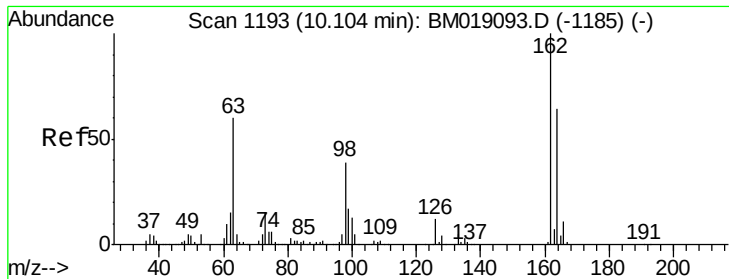
Tot Ion:122 Resp: 24472
 Ion Ratio Lower Upper
 122 100
 107 115.7 98.2 147.4
 121 58.8 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.470 ng
 RT: 9.89 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion: 93 Resp: 44586
 Ion Ratio Lower Upper
 93 100
 95 30.1 25.8 38.8
 123 10.3 7.9 11.9

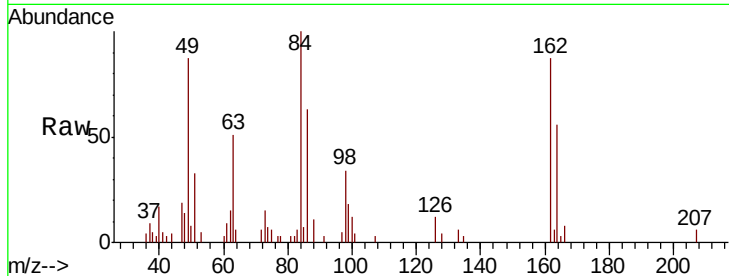




#29
2,4-Dichlorophenol
Concen: 1.979 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.02 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.5	83.5
98	38.7	19.1	59.1

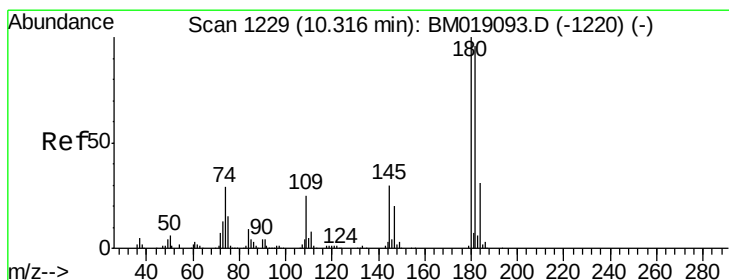
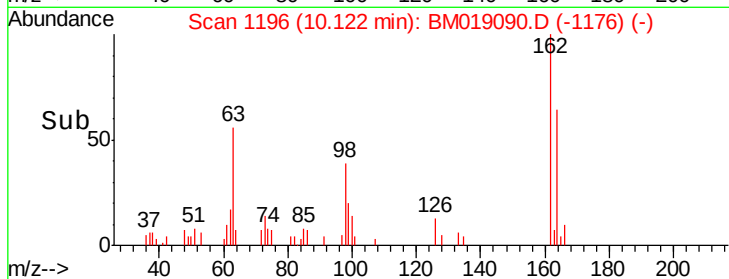
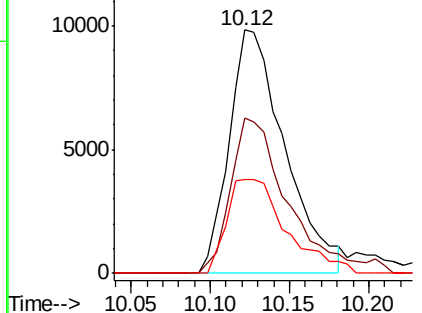


Abundance

Ion 162.00 (161.70 to 162.70): E

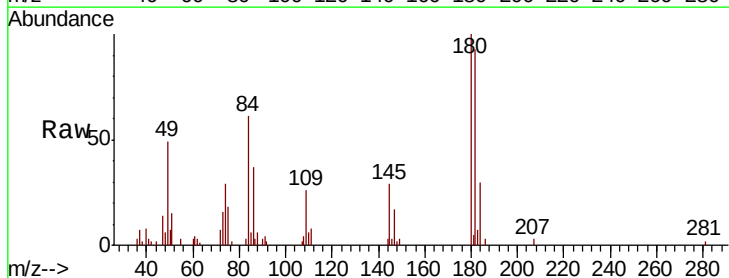
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 2.437 ng
RT: 10.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.6	114.8
145	29.1	24.3	36.5

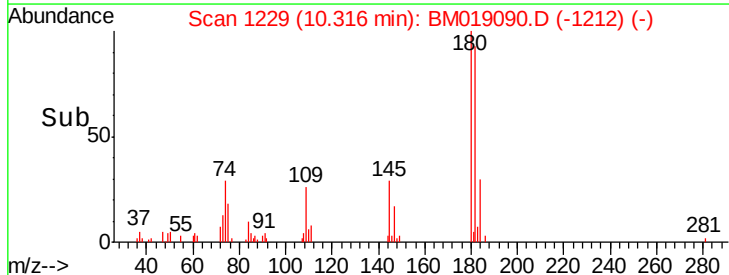
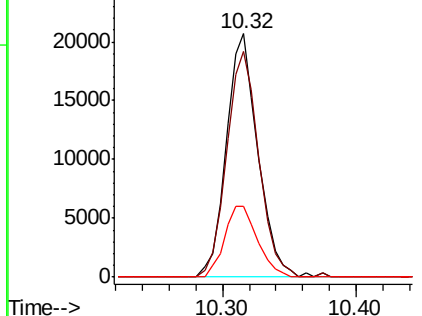


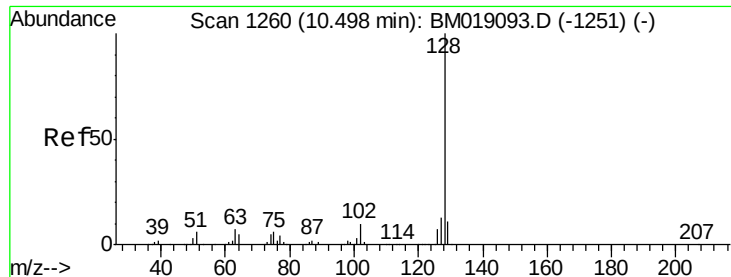
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

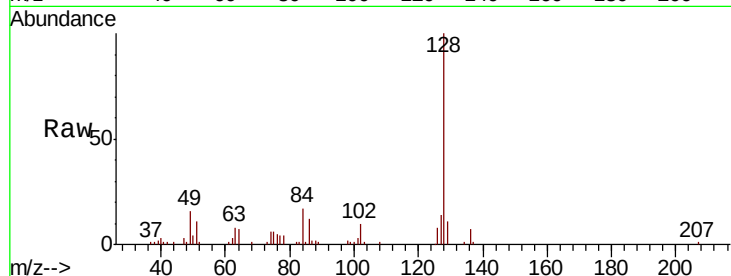




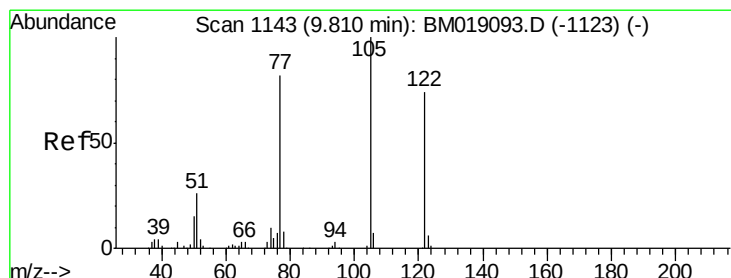
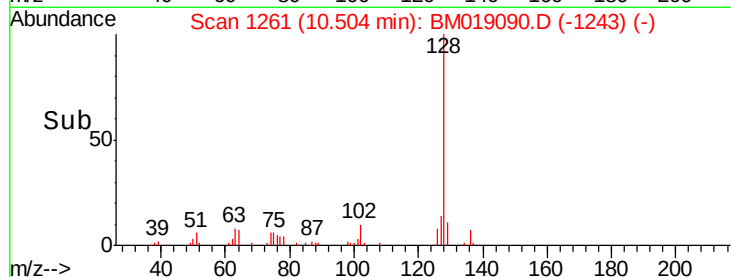
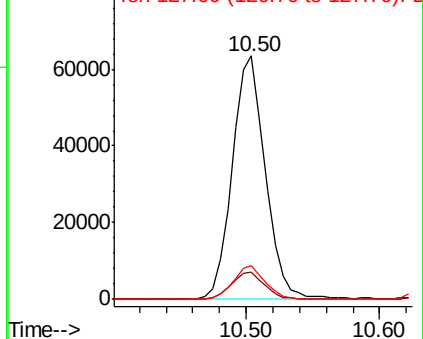
#31
Naphthalene
Concen: 2.766 ng
RT: 10.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 109124
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 10.4 15.6

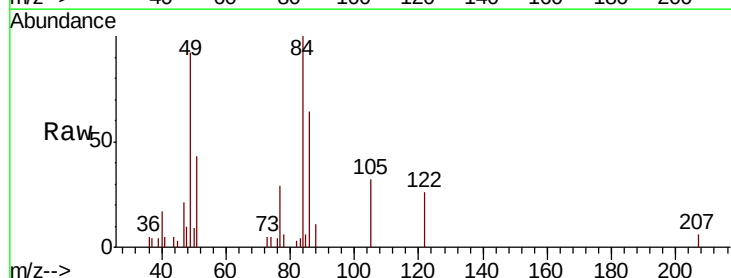


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

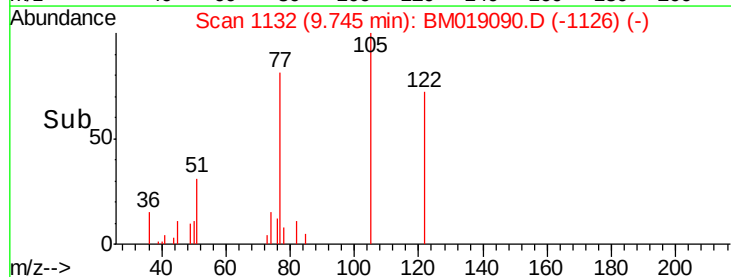
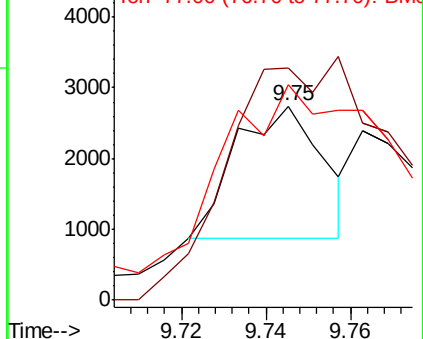


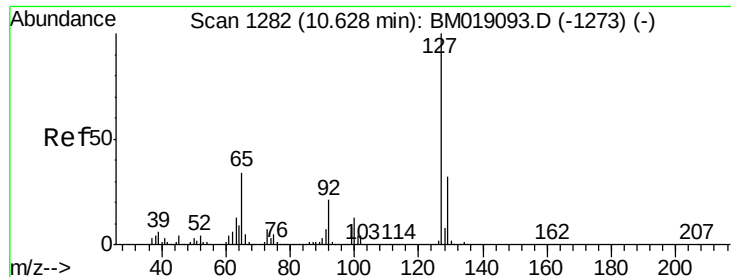
#32
Benzoic acid
Concen: 0.291 ng
RT: 9.75 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion:122 Resp: 2680
Ion Ratio Lower Upper
122 100
105 119.8 113.0 153.0
77 110.8 90.1 130.1



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

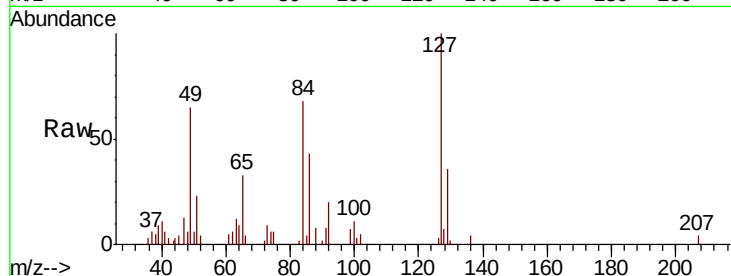




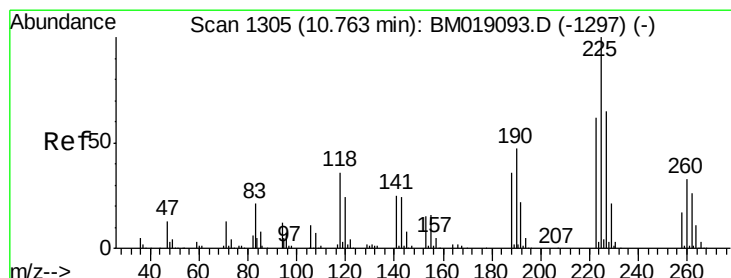
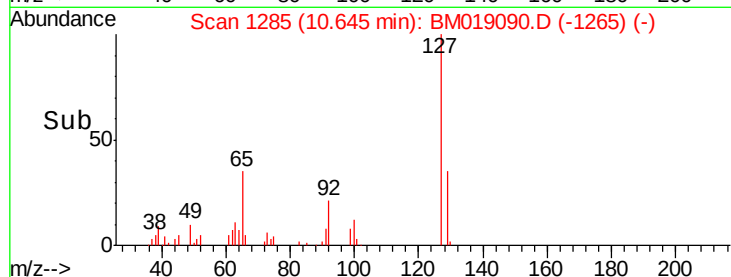
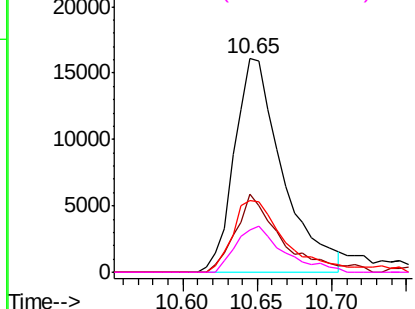
#33
4-Chloroaniline
Concen: 2.056 ng
RT: 10.65 min Scan# 1285
Delta R.T. 0.02 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Instrument :
BNA_M
ClientSampled :

Tot Ion:127	Resp:	36261
Ion Ratio	Lower	Upper
127	100	
129	36.3	25.3 37.9
65	33.4	27.4 41.2
92	19.7	16.8 25.2

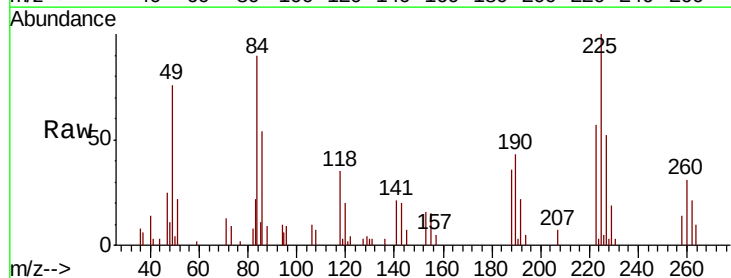


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

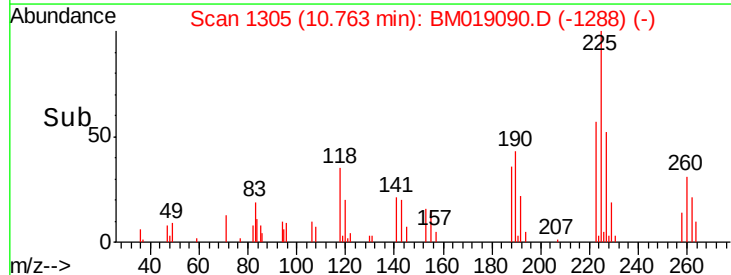
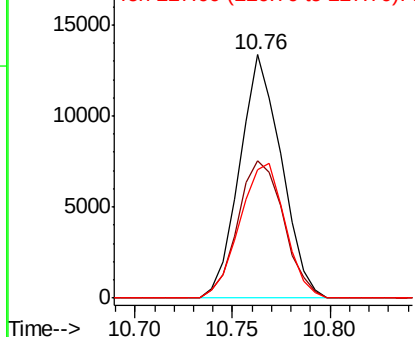


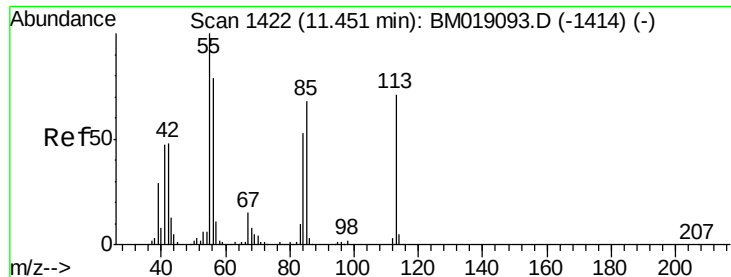
#34
Hexachlorobutadiene
Concen: 2.435 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion:225	Resp:	19793
Ion Ratio	Lower	Upper
225	100	
223	56.6	49.4 74.0
227	55.8	51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

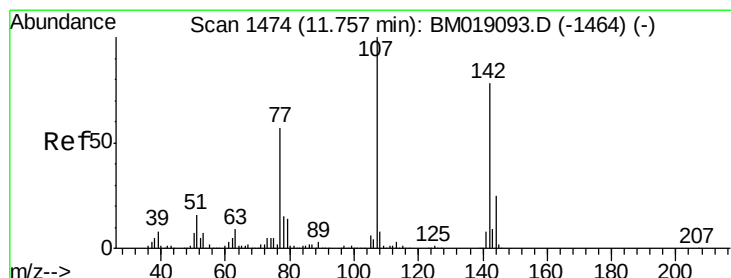
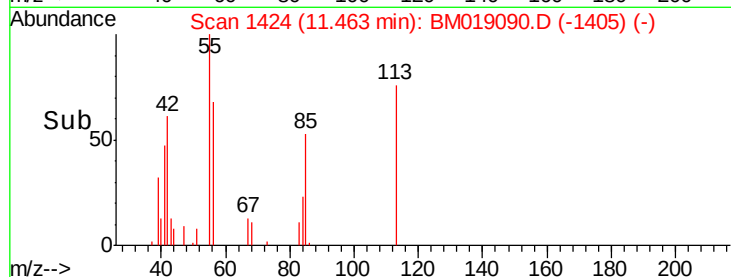
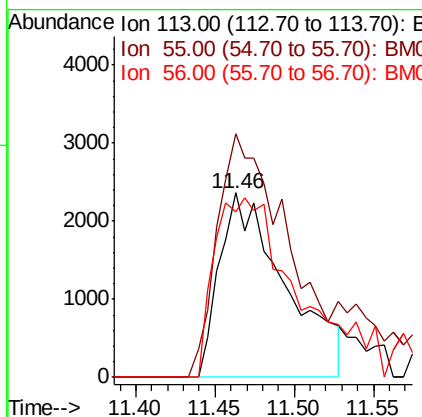
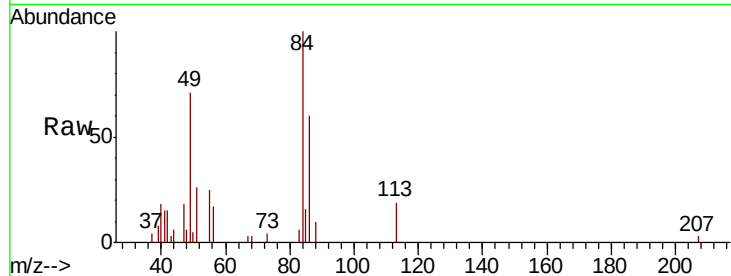




#35
 Caprolactam
 Concen: 1.376 ng
 RT: 11.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

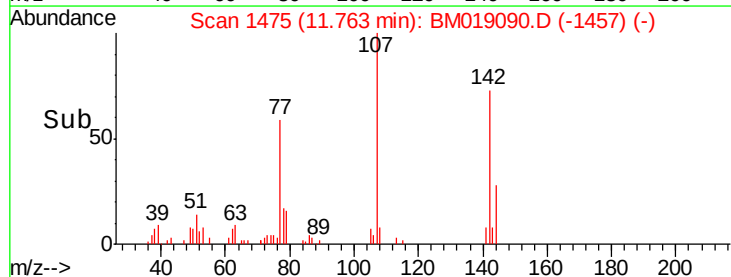
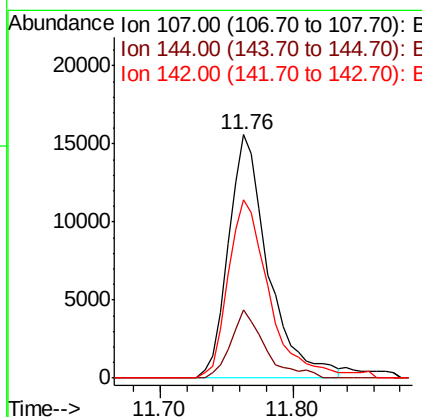
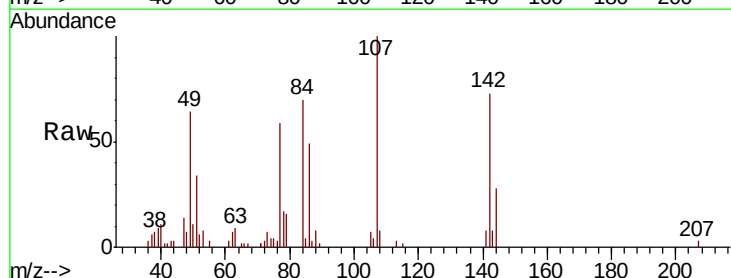
Instrument :
 BNA_M
 ClientSampleId :

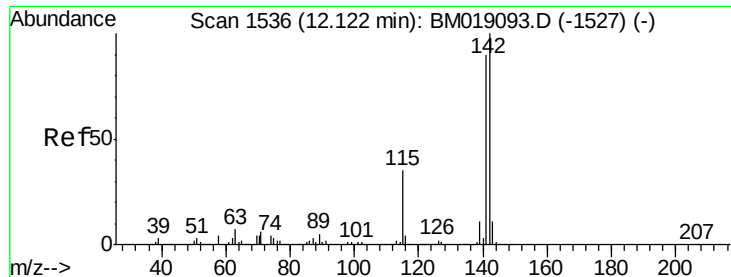
Tot Ion:113 Resp: 6812
 Ion Ratio Lower Upper
 113 100
 55 132.0 120.1 160.1
 56 89.5 90.1 130.1#



#36
 4-Chloro-3-methylphenol
 Concen: 2.212 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion:107 Resp: 32348
 Ion Ratio Lower Upper
 107 100
 144 27.9 20.2 30.4
 142 73.4 62.4 93.6

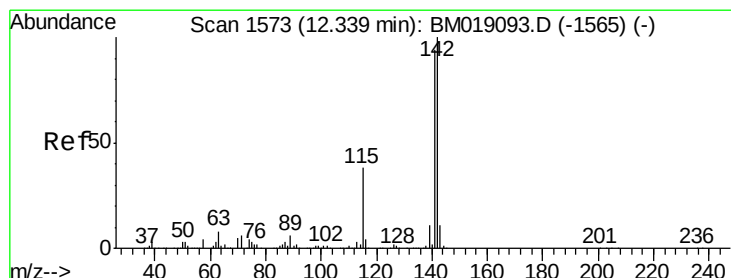
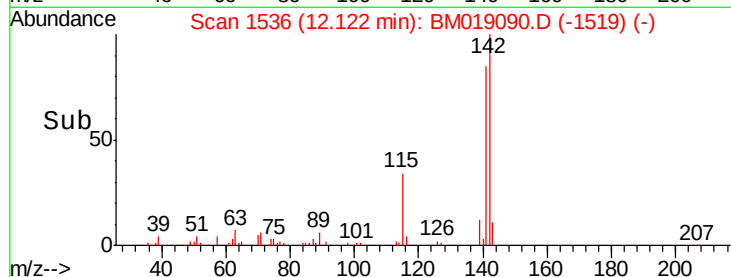
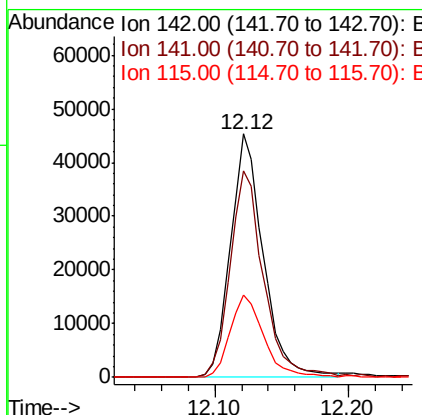
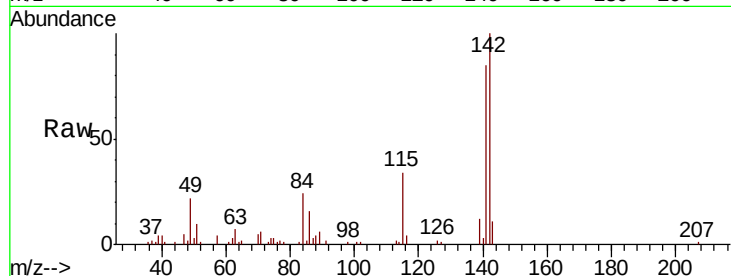




#37
 2-Methylnaphthalene
 Concen: 2.796 ng
 RT: 12.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

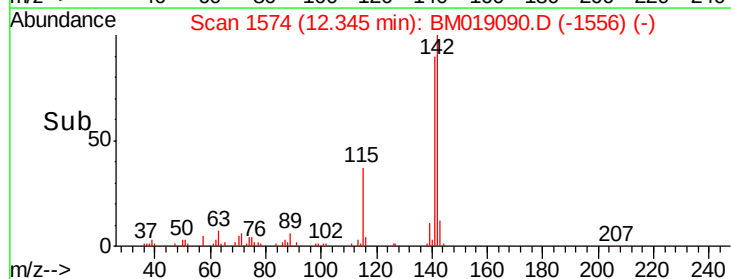
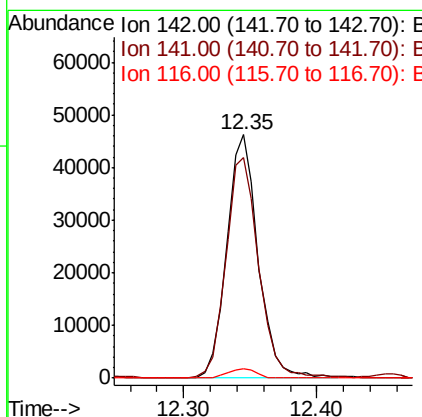
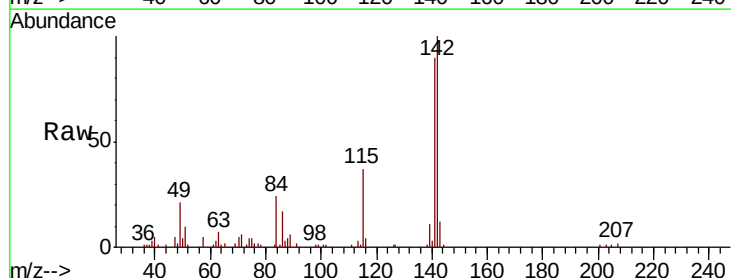
Instrument :
 BNA_M
 ClientSampleId :

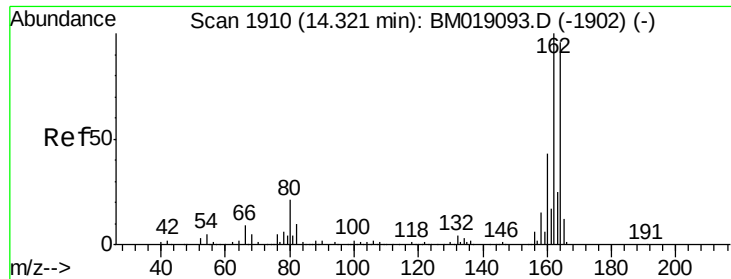
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.0	72.3	108.5
115	33.9	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 2.795 ng
 RT: 12.35 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.9	112.3
116	3.8	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

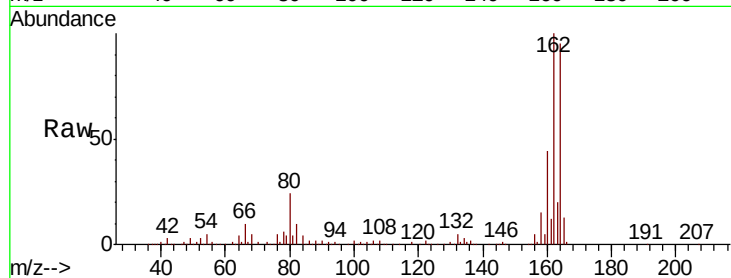
Tot Ion:164 Resp: 496846

Ion Ratio Lower Upper

164 100

162 105.0 83.5 125.3

160 46.0 36.3 54.5

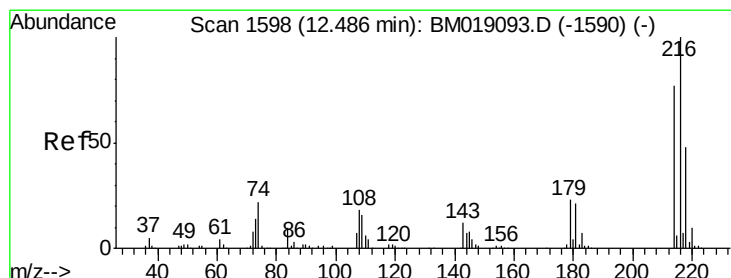
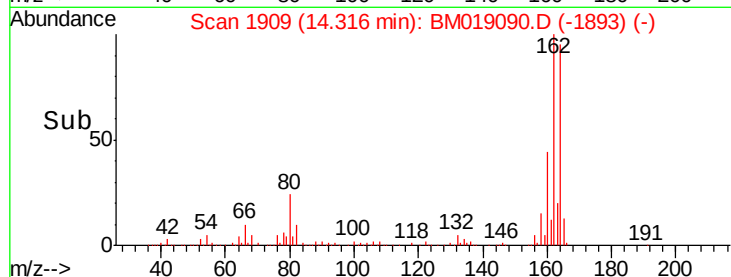
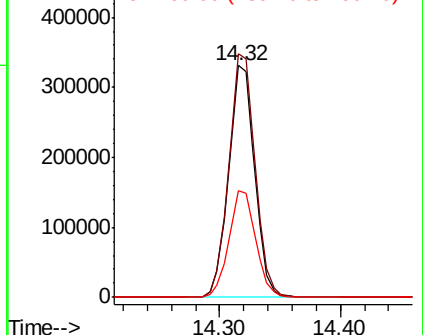


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.380 ng

RT: 12.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Tgt Ion:216 Resp: 37825

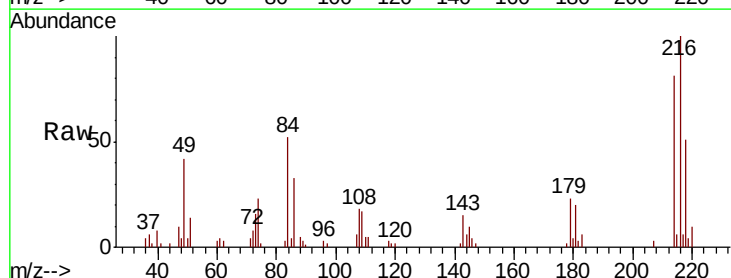
Ion Ratio Lower Upper

216 100

214 78.8 62.9 94.3

179 22.8 18.0 27.0

108 17.7 16.2 24.4



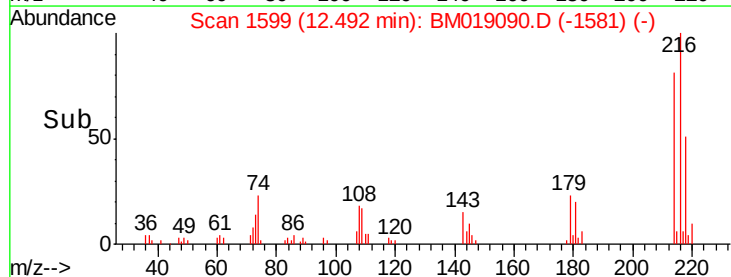
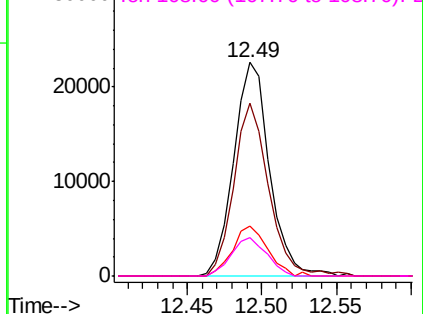
Abundance

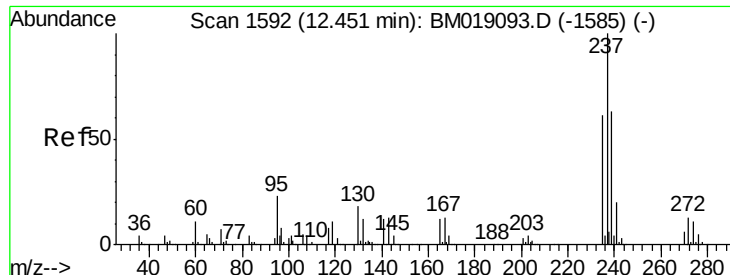
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 0.929 ng

RT: 12.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

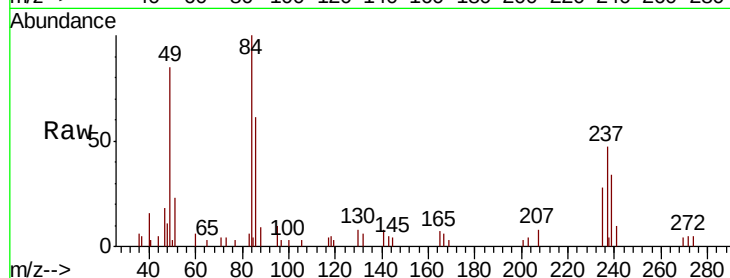
Tot Ion:237 Resp: 7546

Ion Ratio Lower Upper

237 100

235 59.1 41.3 81.3

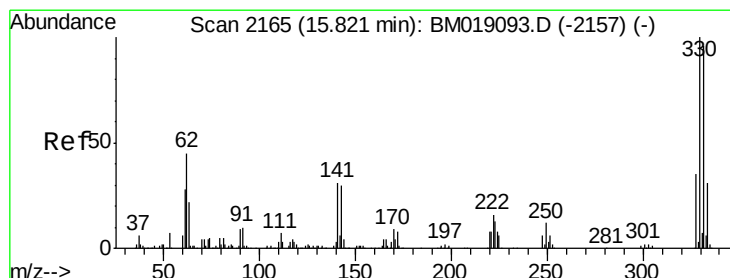
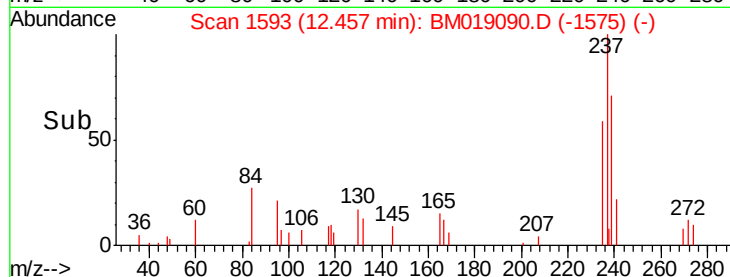
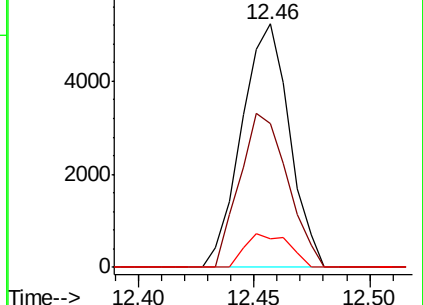
272 11.6 0.0 33.1



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: 4.092 ng

RT: 15.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

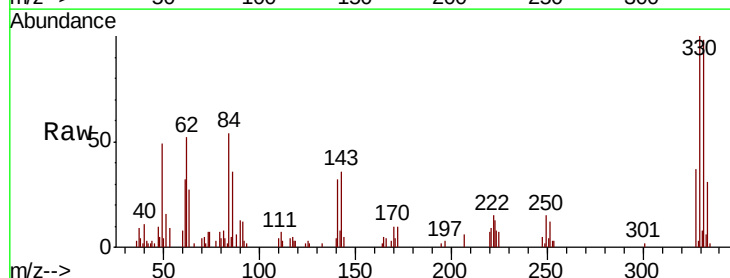
Tgt Ion:330 Resp: 29310

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

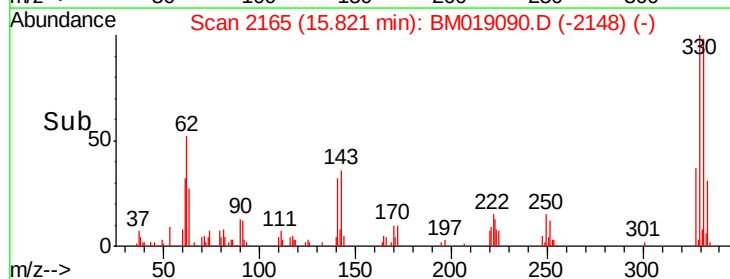
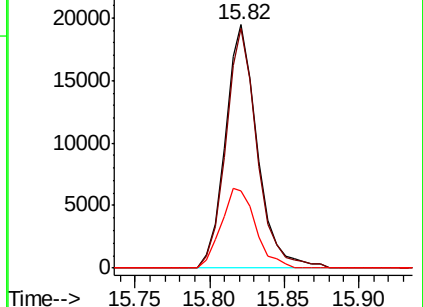
141 35.1 27.0 40.4

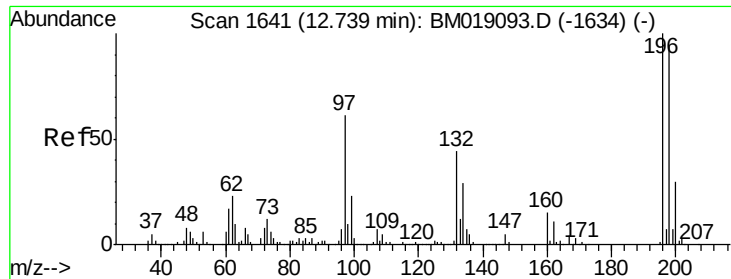


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

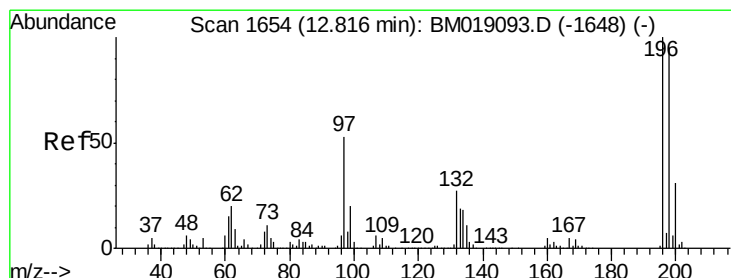
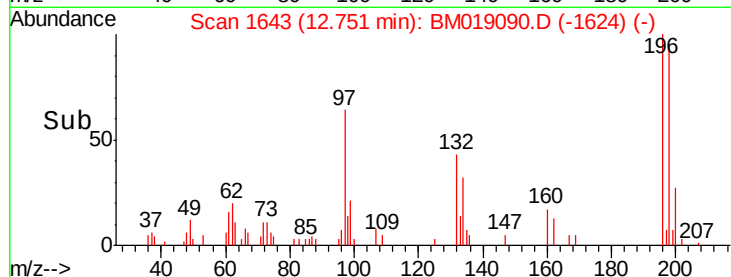
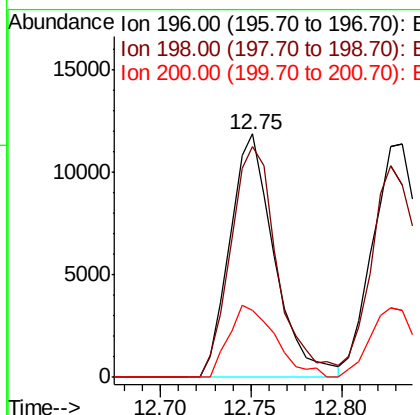
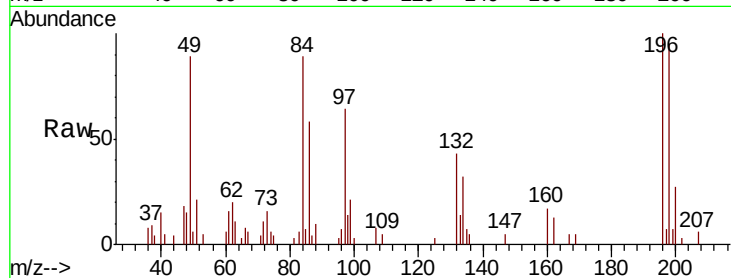




#43
 2,4,6-Trichlorophenol
 Concen: 1.934 ng
 RT: 12.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

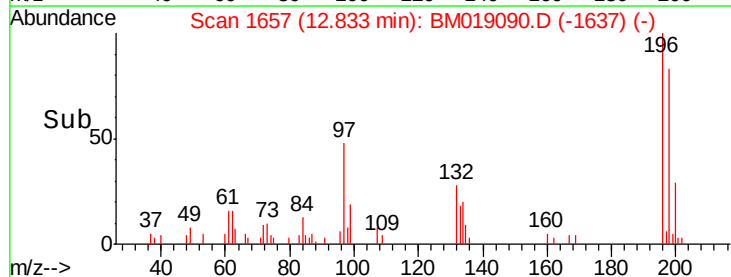
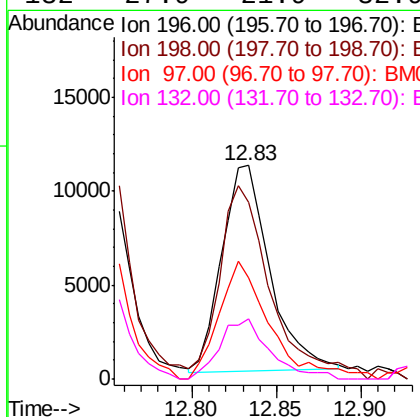
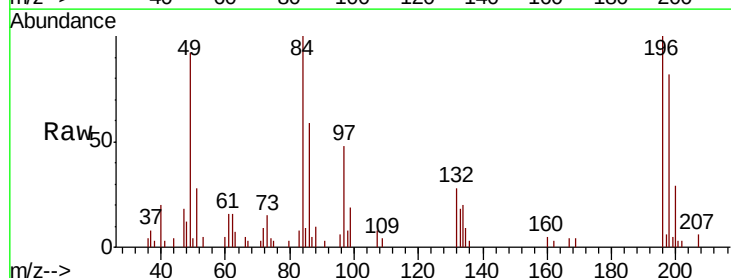
Instrument :
 BNA_M
 ClientSampled :

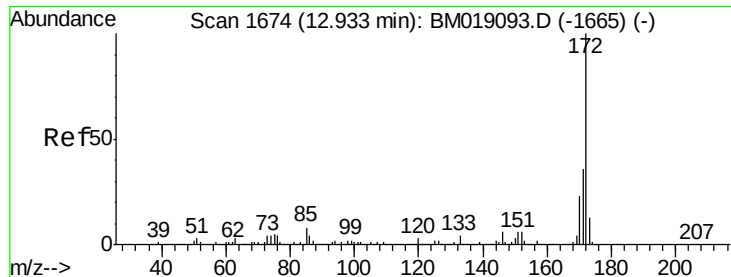
Tot Ion:196 Resp: 20351
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.4 113.0
 200 27.4 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 1.973 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. 0.02 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion:196 Resp: 21761
 Ion Ratio Lower Upper
 196 100
 198 82.7 75.9 113.9
 97 47.7 42.5 63.7
 132 27.9 21.9 32.9

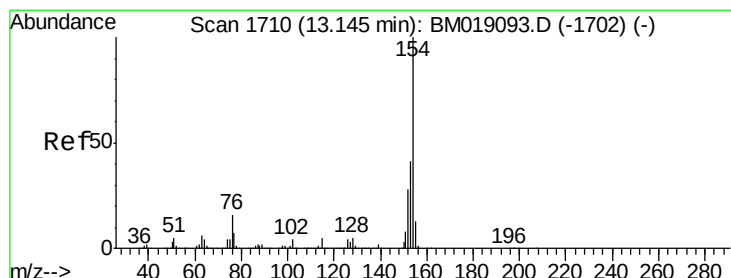
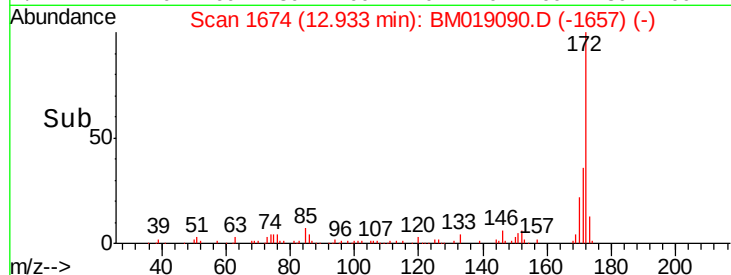
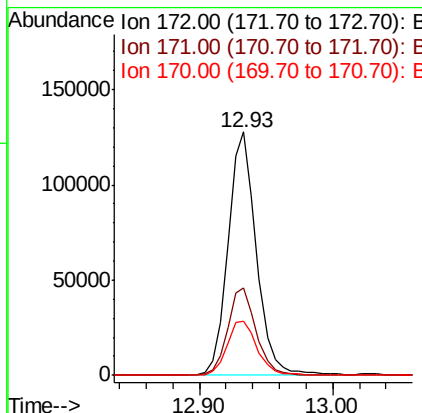
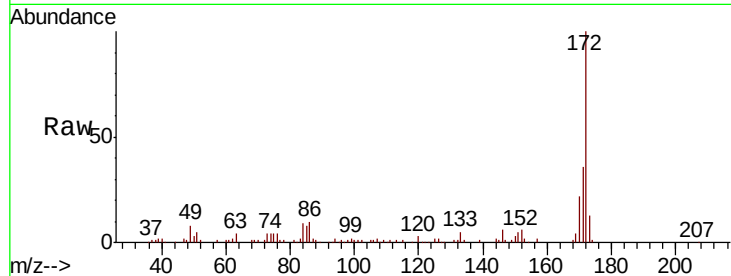




#45
 2-Fluorobiphenyl
 Concen: 5.063 ng
 RT: 12.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

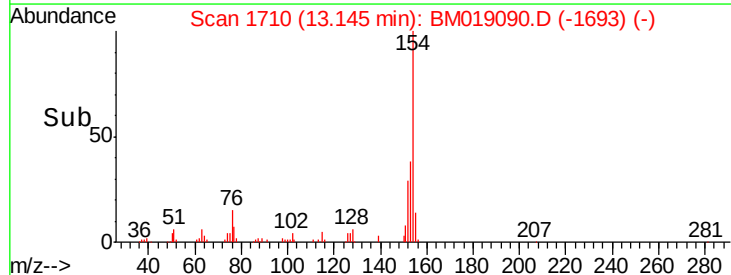
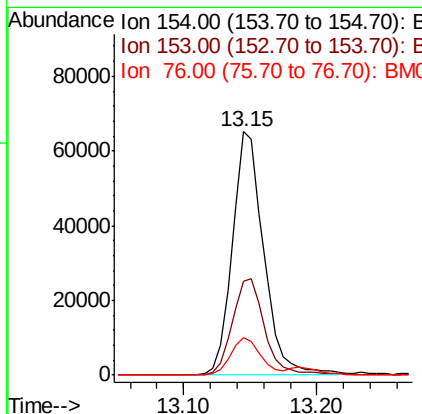
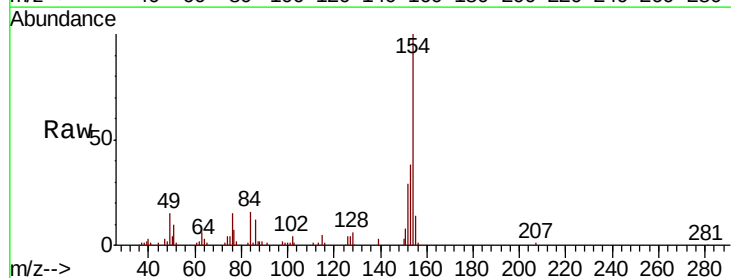
Instrument :
 BNA_M
 ClientSampleId :

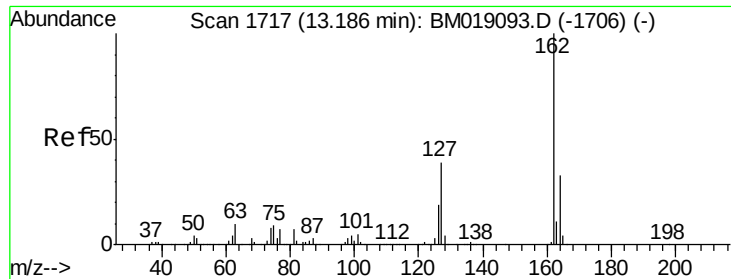
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	22.3	18.6	28.0



#46
 1,1'-Biphenyl
 Concen: 2.484 ng
 RT: 13.15 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.3	21.5	61.5
76	15.4	0.0	35.8

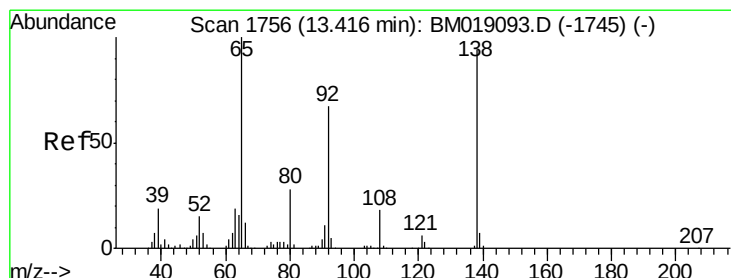
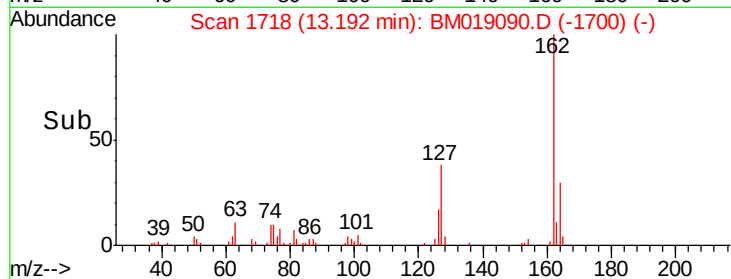
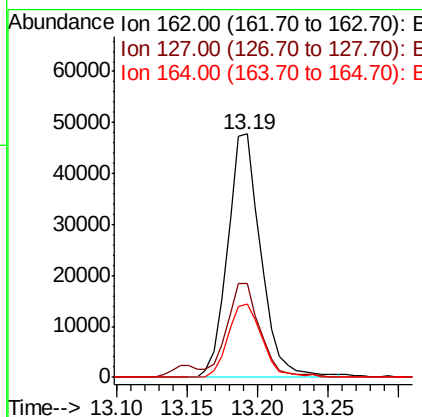
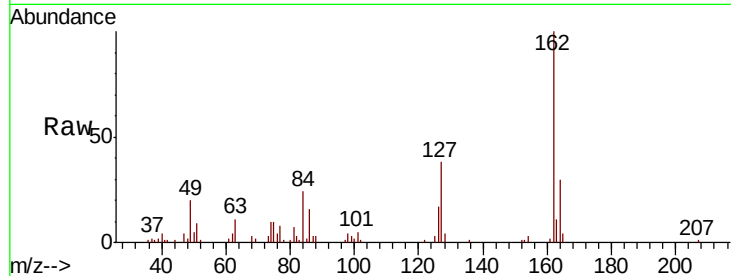




#47
 2-Chloronaphthalene
 Concen: 2.375 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

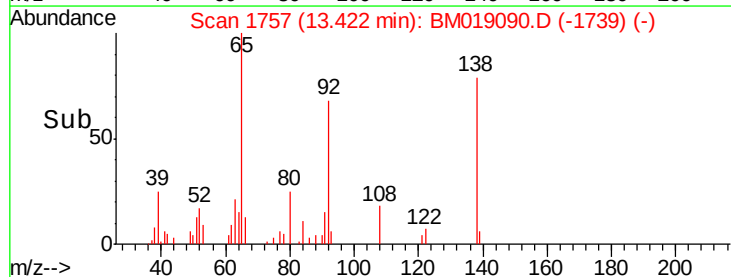
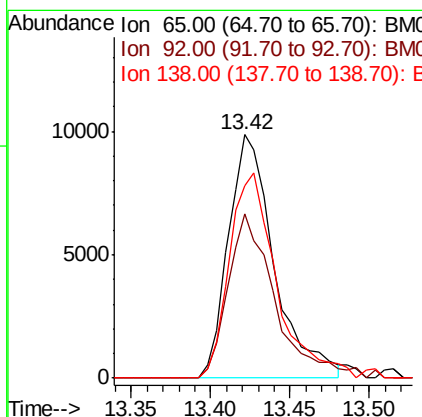
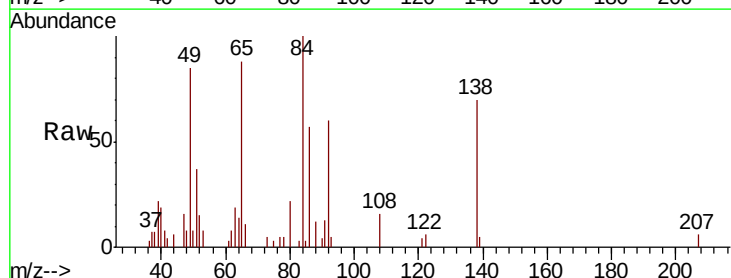
Instrument :
 BNA_M
 ClientSampleId :

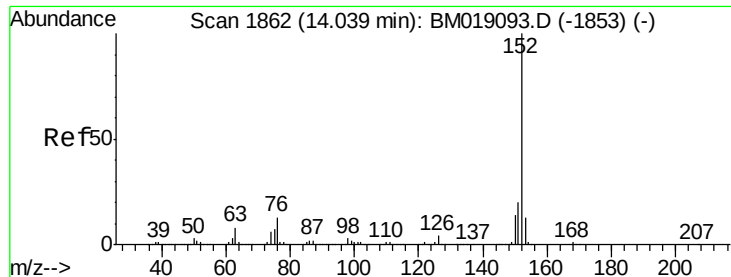
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.2	46.8
164	30.3	26.3	39.5



#48
 2-Nitroaniline
 Concen: 1.805 ng
 RT: 13.42 min Scan# 1757
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.4	80.2
138	78.8	74.9	112.3





#49

Acenaphthylene

Concen: 2.562 ng

RT: 14.04 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampled :

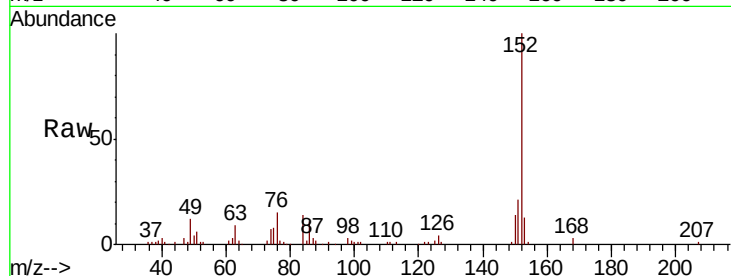
Tot Ion:152 Resp: 126004

Ion Ratio Lower Upper

152 100

151 21.3 16.2 24.2

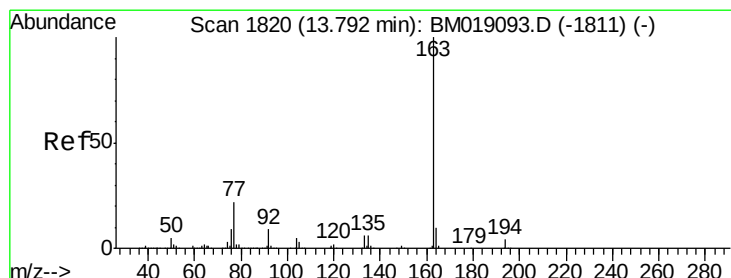
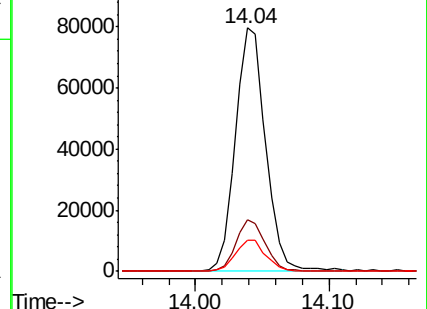
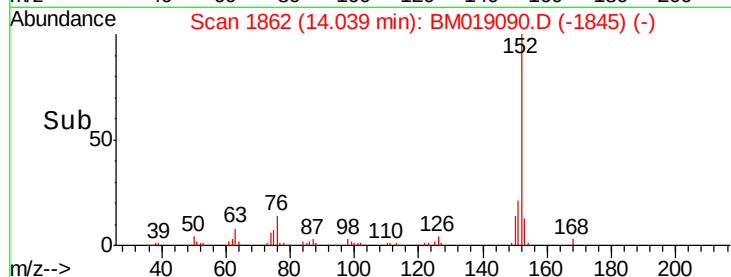
153 12.8 10.6 15.8



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: 2.545 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

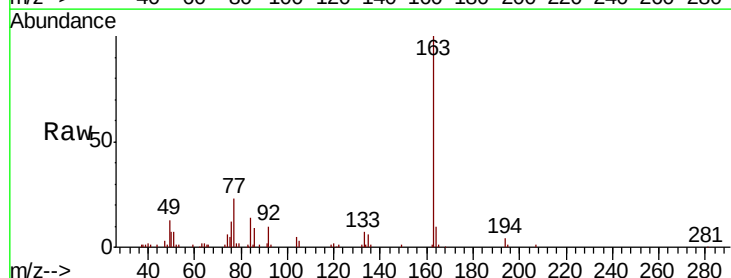
Tgt Ion:163 Resp: 105366

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

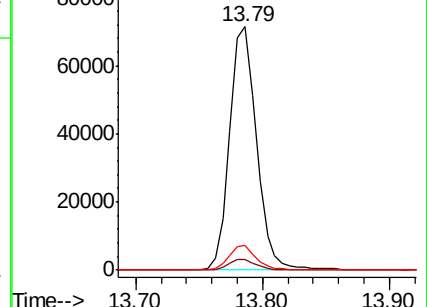
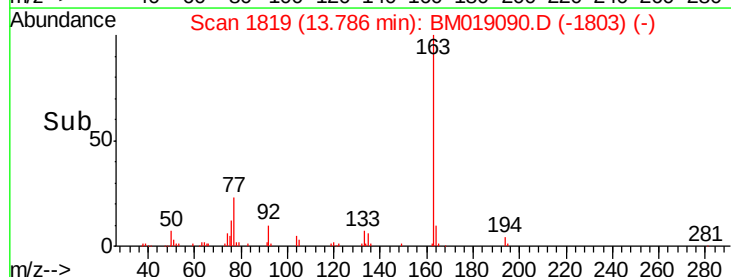
164 10.0 7.7 11.5

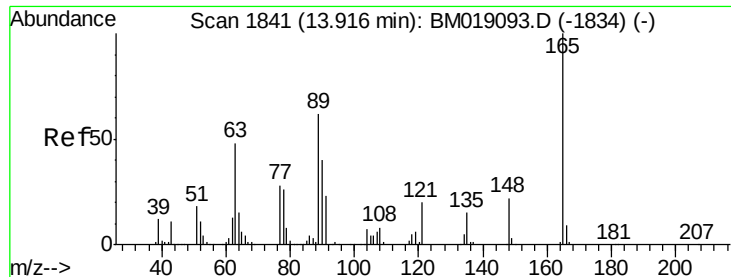


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

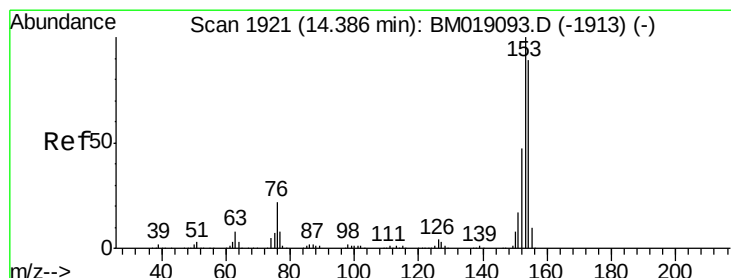
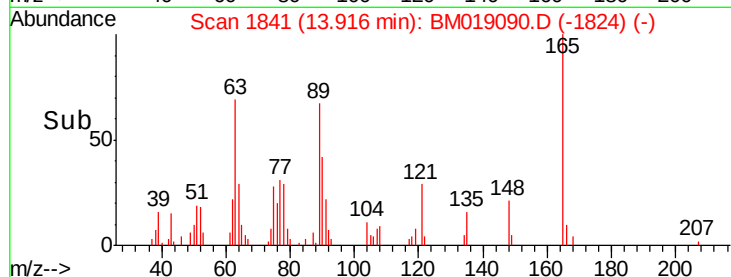
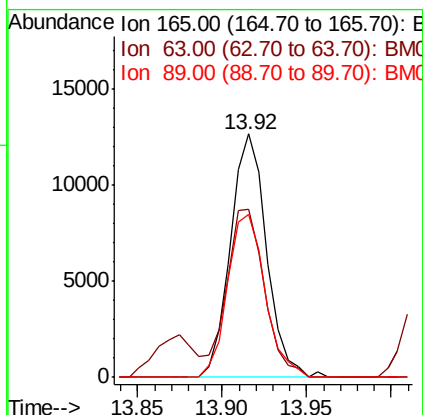
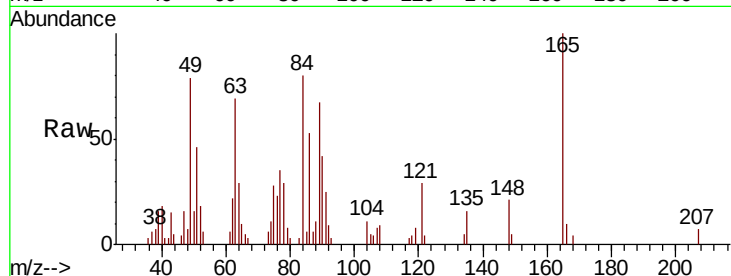




#51
2,6-Dinitrotoluene
Concen: 2.094 ng
RT: 13.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

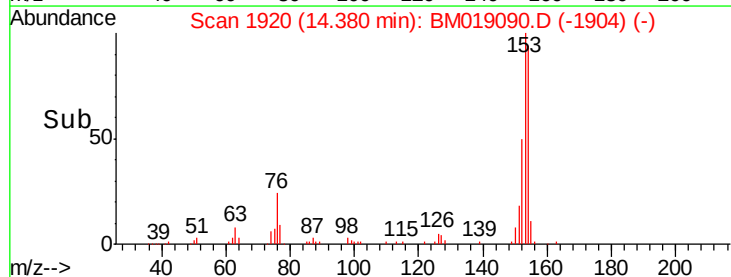
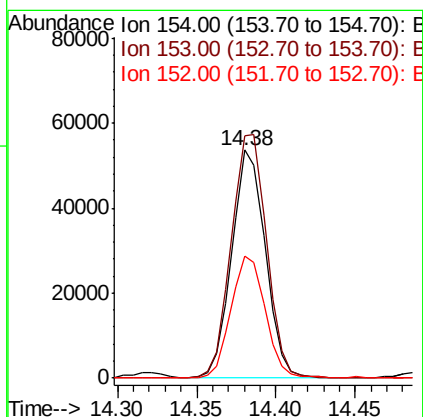
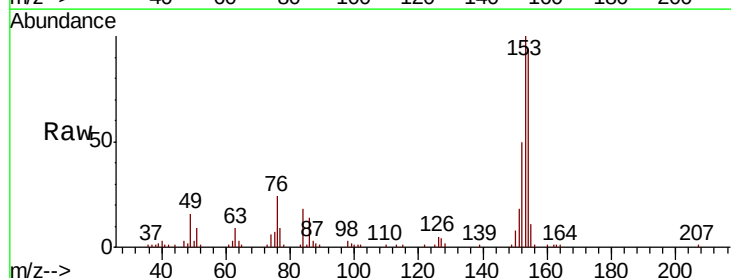
Instrument :
BNA_M
ClientSampleId :

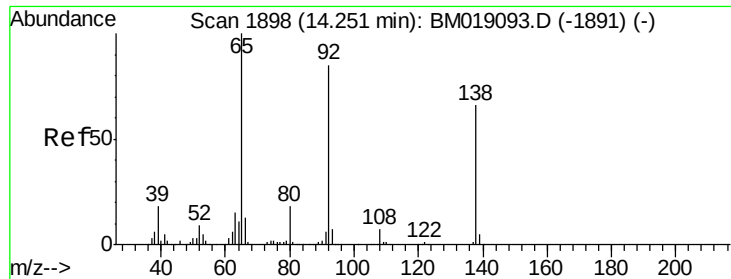
Tot Ion:165 Resp: 18784
Ion Ratio Lower Upper
165 100
63 68.9 48.2 72.4
89 67.1 49.3 73.9



#52
Acenaphthene
Concen: 2.628 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion:154 Resp: 79255
Ion Ratio Lower Upper
154 100
153 106.2 90.1 135.1
152 53.4 42.5 63.7

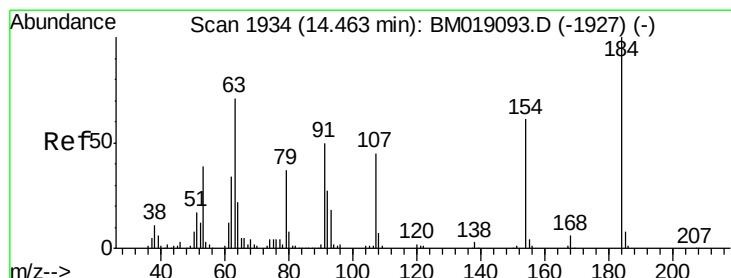
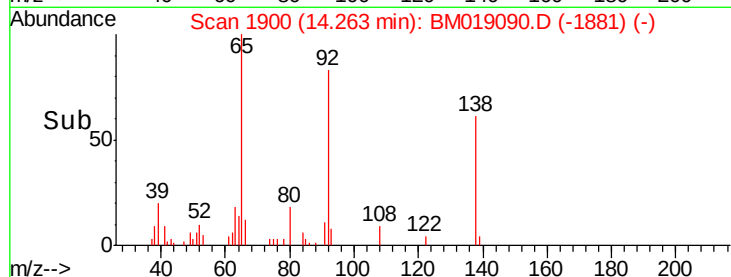
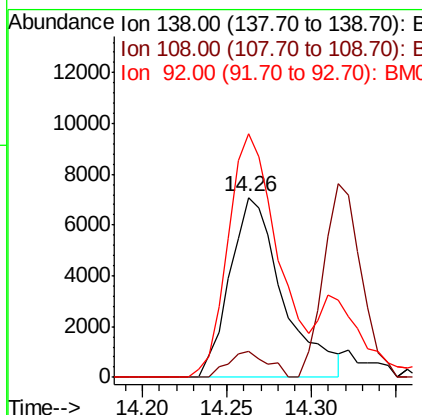
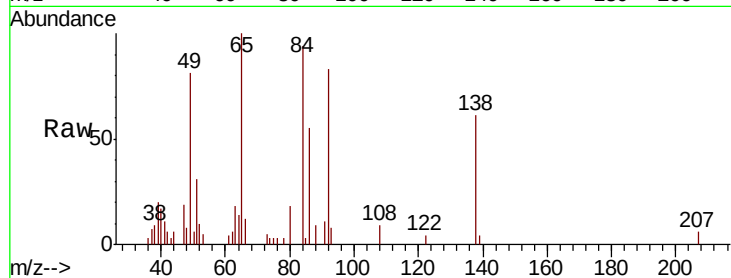




#53
3-Nitroaniline
Concen: 1.523 ng
RT: 14.26 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

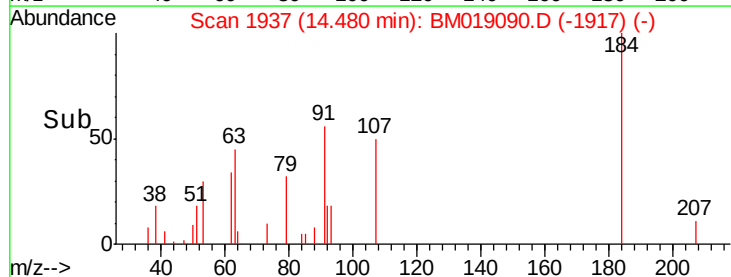
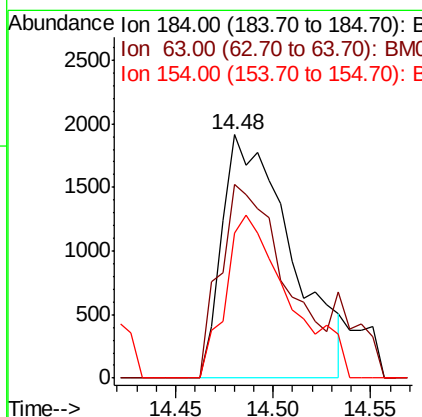
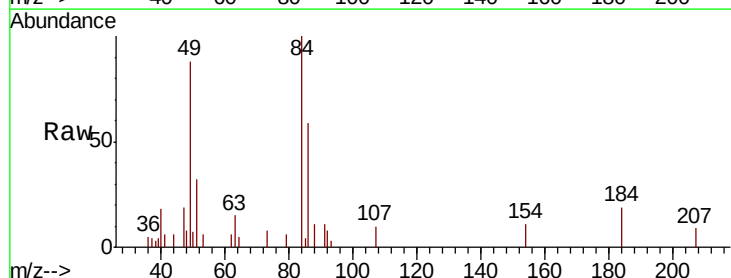
Instrument :
BNA_M
ClientSampleId :

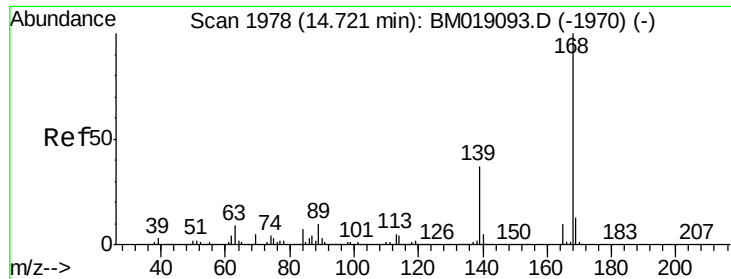
Tot Ion:138 Resp: 15440
Ion Ratio Lower Upper
138 100
108 14.5 9.0 13.4#
92 135.3 102.6 153.8



#54
2,4-Dinitrophenol
Concen: 0.943 ng
RT: 14.48 min Scan# 1937
Delta R.T. 0.02 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion:184 Resp: 4676
Ion Ratio Lower Upper
184 100
63 79.6 56.7 85.1
154 59.6 49.3 73.9

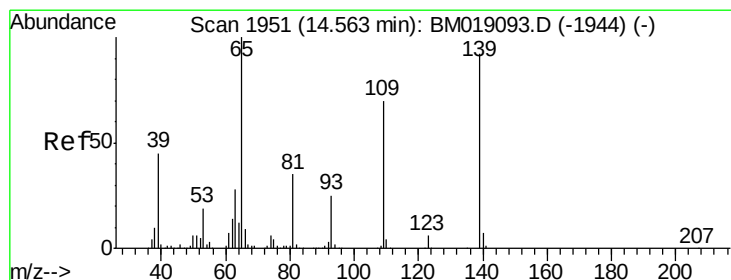
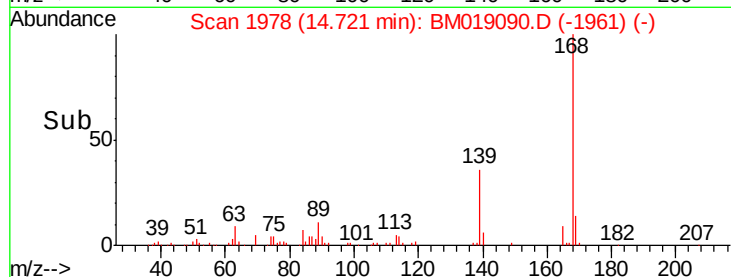
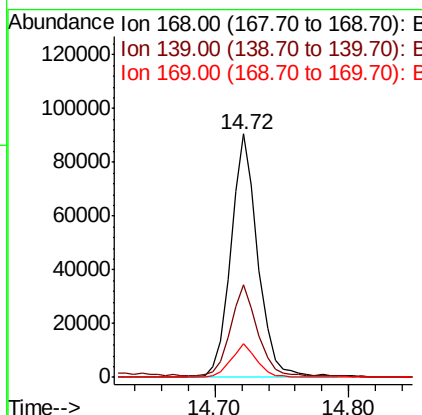
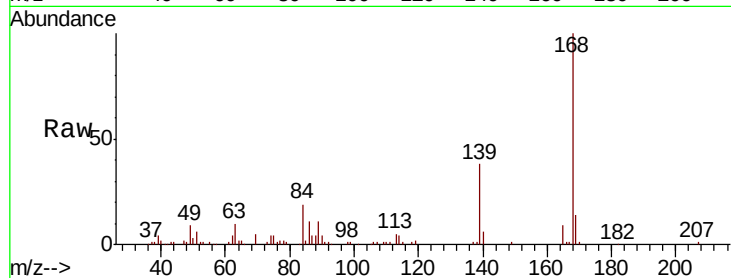




#55
Dibenzofuran
Concen: 2.576 ng
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

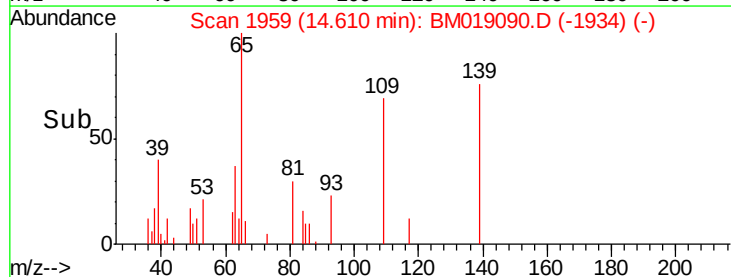
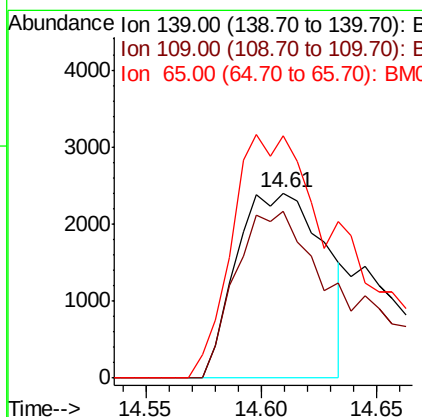
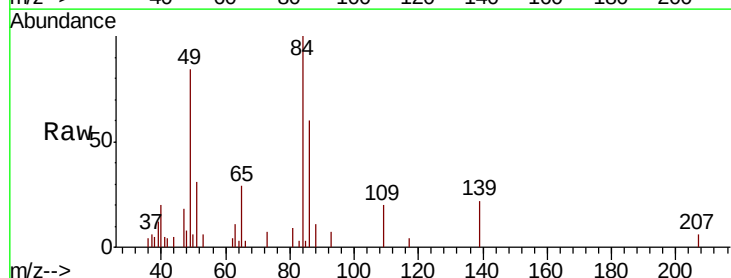
Instrument :
BNA_M
ClientSampleId :

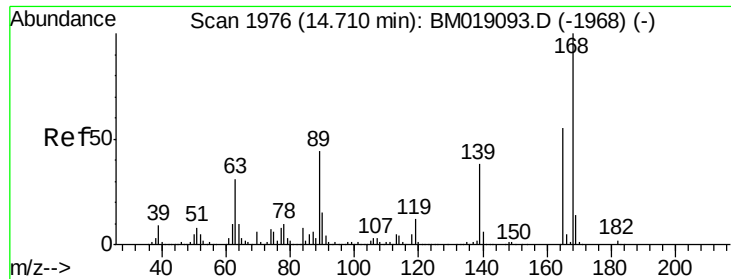
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.7	10.6	16.0



#56
4-Nitrophenol
Concen: 0.785 ng
RT: 14.61 min Scan# 1959
Delta R.T. 0.05 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.8	56.3	96.3
65	131.0	89.2	129.2#

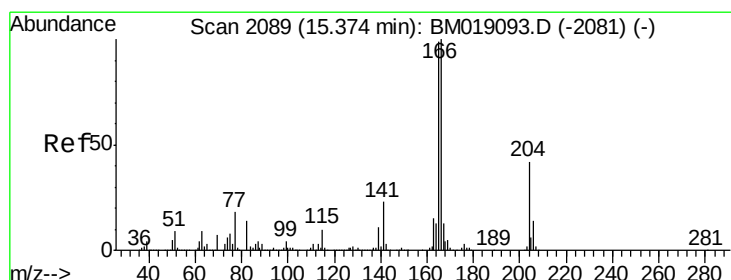
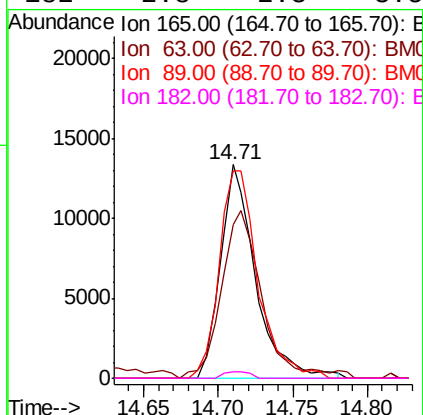
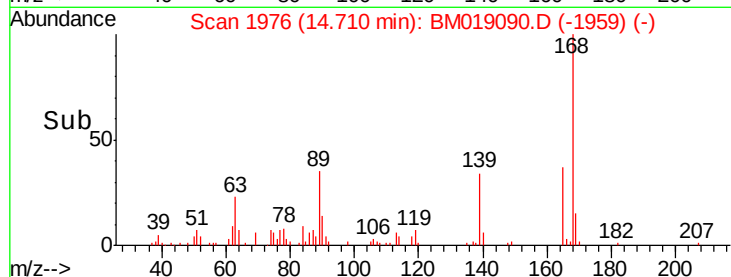
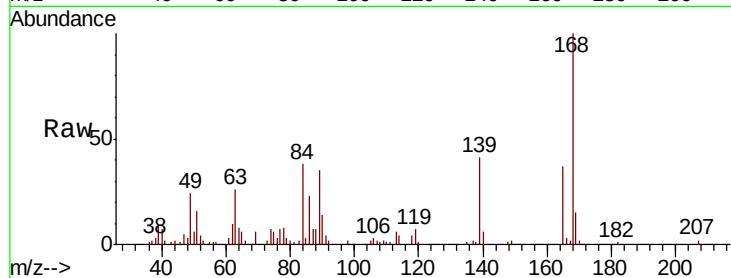




#57
2,4-Dinitrotoluene
Concen: 1.782 ng
RT: 14.71 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

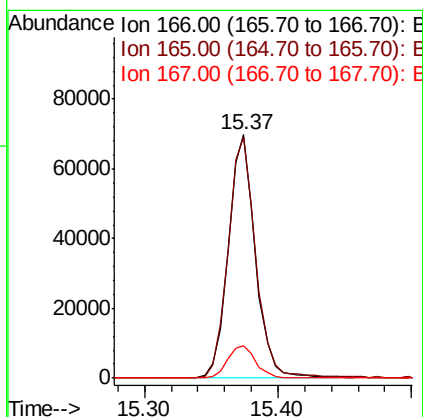
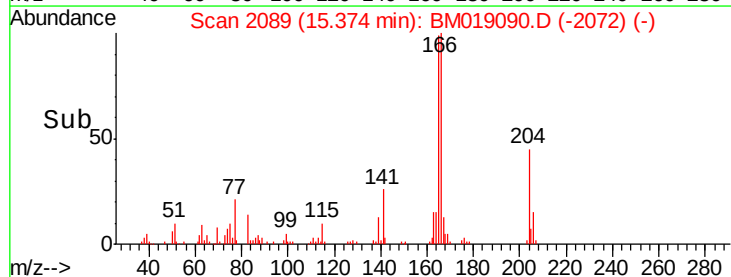
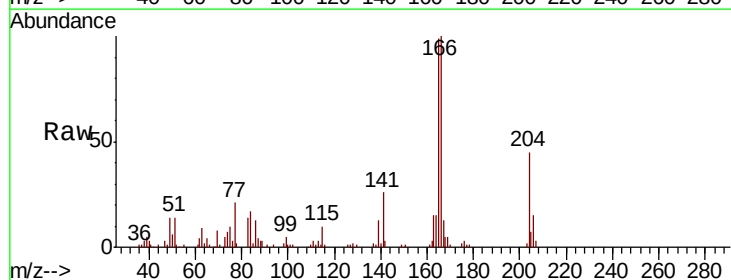
Instrument :
BNA_M
ClientSampleId :

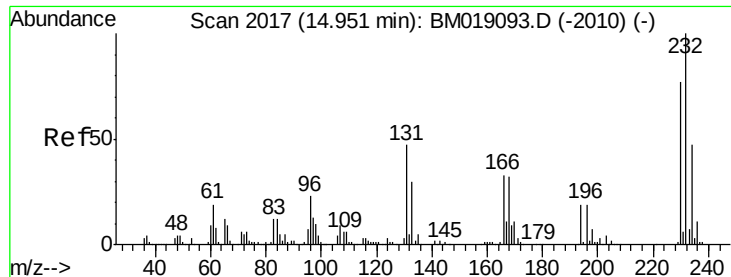
Tot Ion	Ratio	Lower	Upper
165	100		
63	72.2	44.7	67.1#
89	96.9	63.4	95.2#
182	2.8	2.3	3.5



#58
Fluorene
Concen: 2.606 ng
RT: 15.37 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.1	10.8	16.2

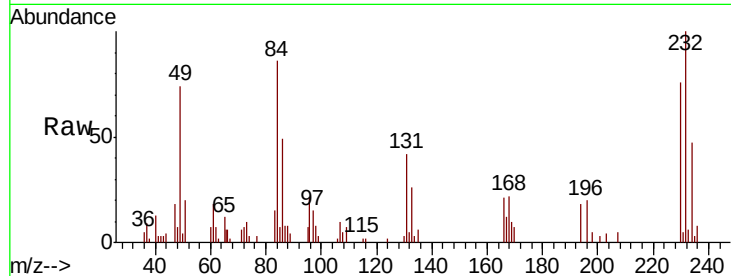




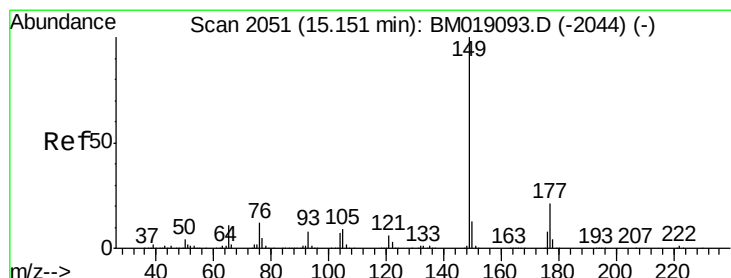
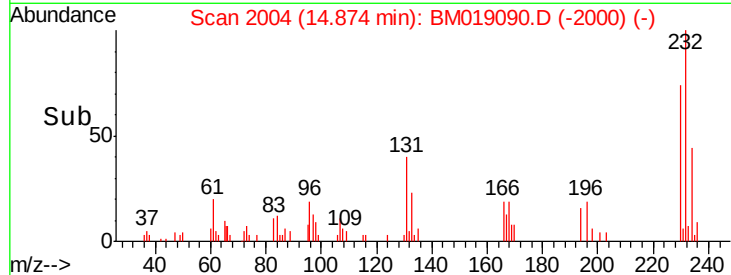
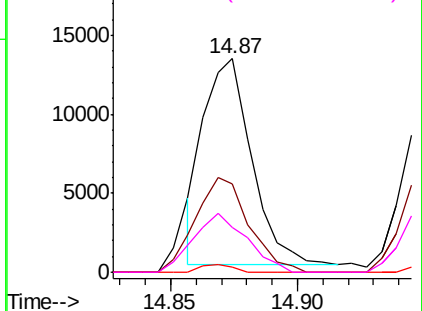
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1.756 ng
 RT: 14.87 min Scan# 2004
 Delta R.T. -0.08 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 17118
 Ion Ratio Lower Upper
 232 100
 131 45.3 38.2 57.2
 130 2.6 1.9 2.9
 166 27.1 27.0 40.4

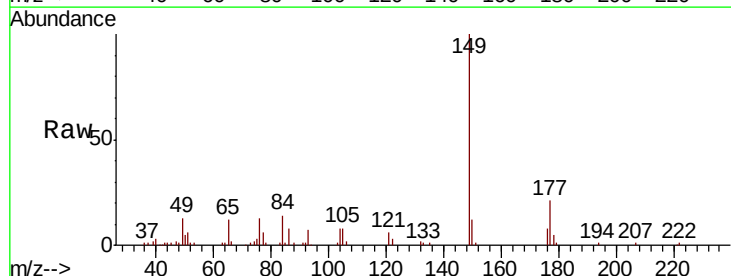


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

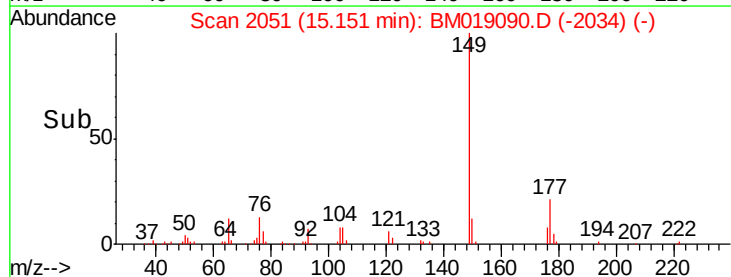
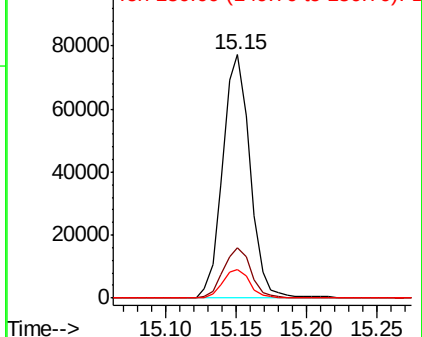


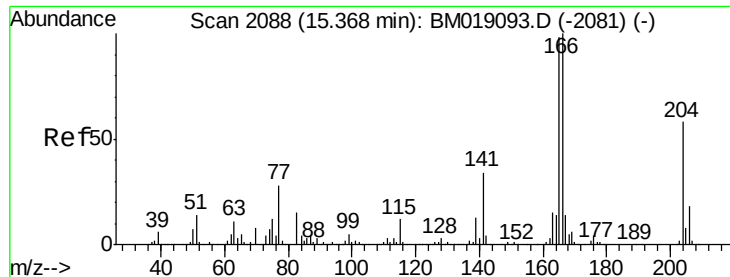
#60
 Diethylphthalate
 Concen: 2.451 ng
 RT: 15.15 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion:149 Resp: 104706
 Ion Ratio Lower Upper
 149 100
 177 20.5 17.0 25.6
 150 11.8 10.2 15.4



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

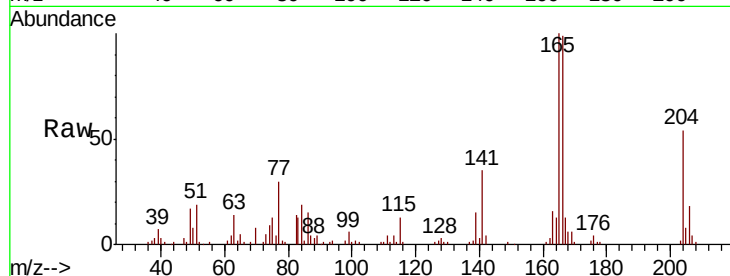




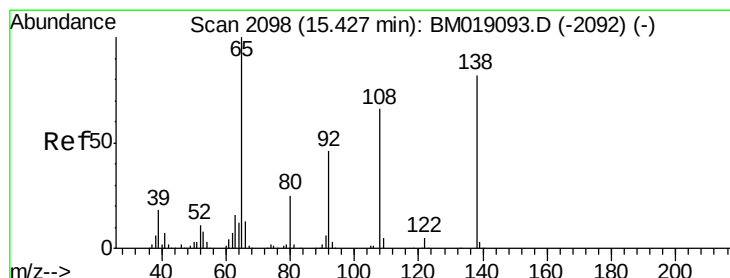
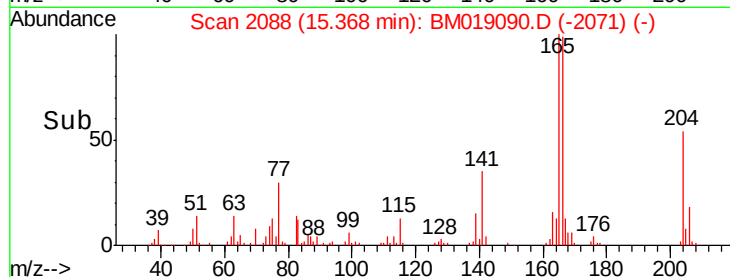
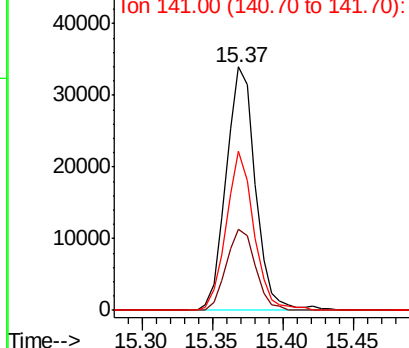
#61
 4-Chlorophenyl-phenylether
 Concen: 2.309 ng
 RT: 15.37 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 49103
 Ion Ratio Lower Upper
 204 100
 206 33.4 25.5 38.3
 141 65.4 47.8 71.8

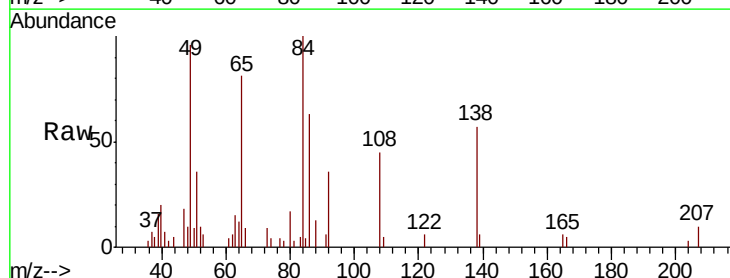


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

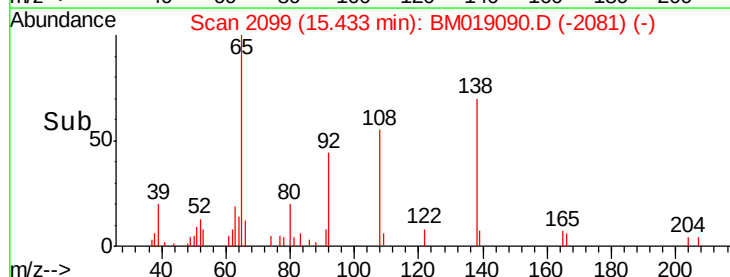
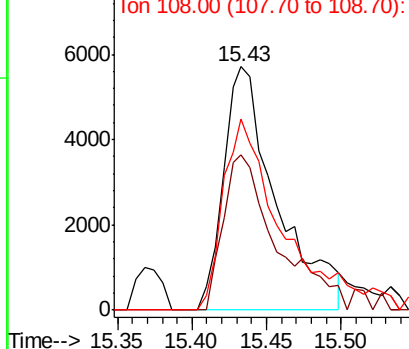


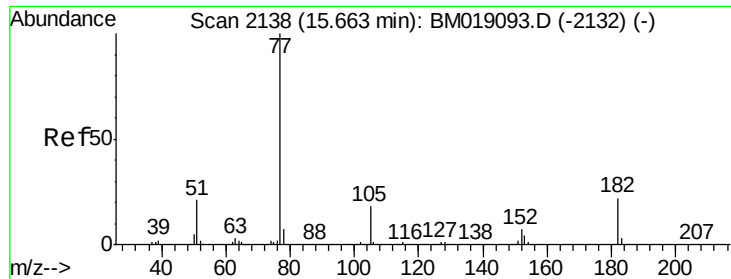
#62
 4-Nitroaniline
 Concen: 1.431 ng
 RT: 15.43 min Scan# 2099
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion:138 Resp: 14214
 Ion Ratio Lower Upper
 138 100
 92 63.6 36.2 76.2
 108 78.4 59.7 99.7



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

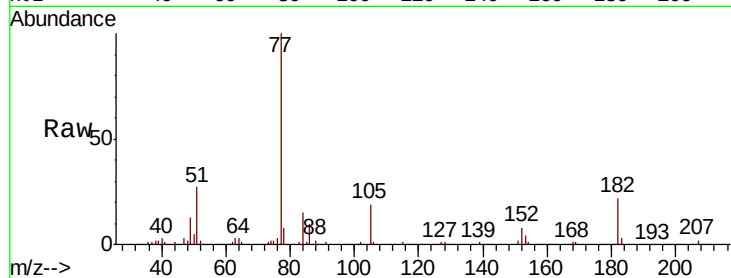




#63
Azobenzene
Concen: 2.154 ng
RT: 15.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Instrument :
BNA_M
ClientSampled :

Tot Ion:	77	Resp:	98668
Ion	Ratio	Lower	Upper
77	100		
182	22.3	1.8	41.8
105	18.5	0.0	38.3
51	26.5	0.8	40.8

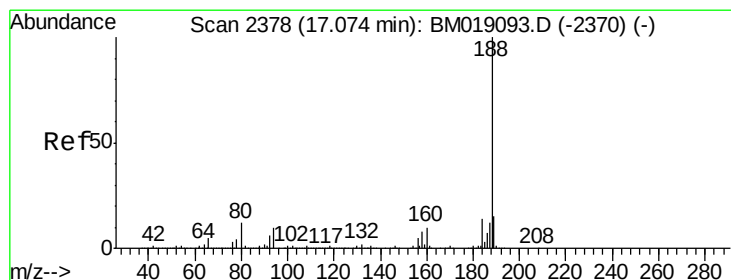
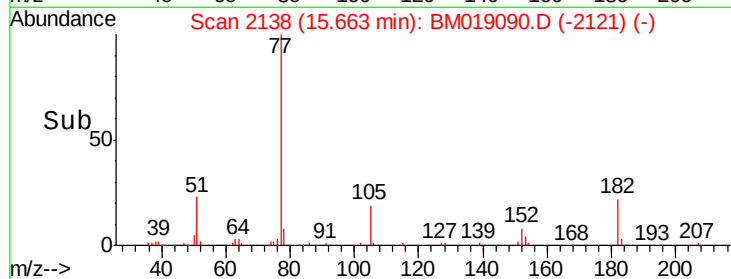
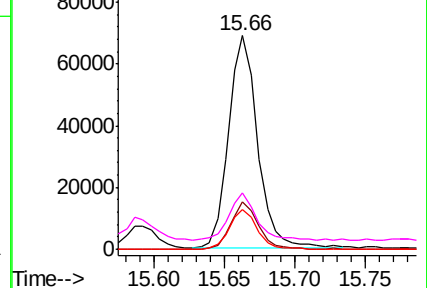


Abundance Ion 77.00 (76.70 to 77.70): BM019090.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019090.D (-2132) (-)

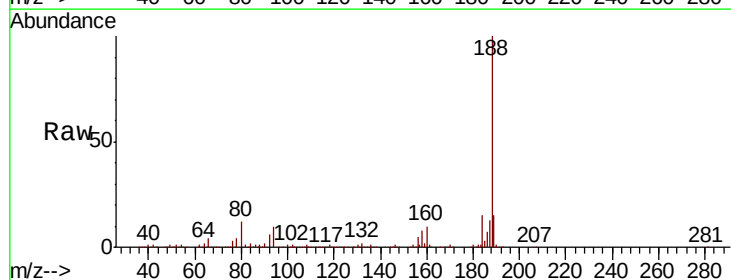
Ion 105.00 (104.70 to 105.70): BM019090.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019090.D (-2132) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

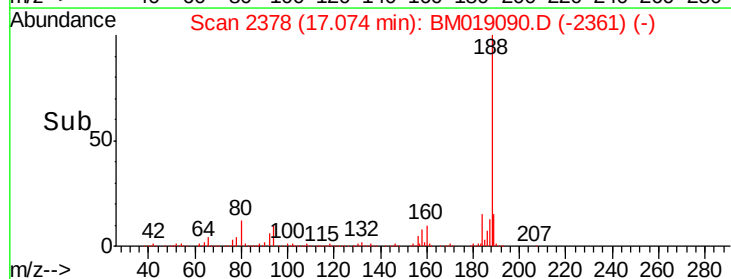
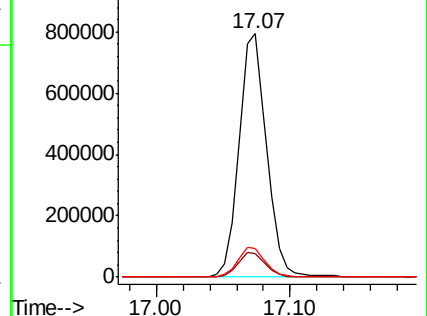
Tgt Ion:	188	Resp:	1137478
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	12.0	9.7	14.5

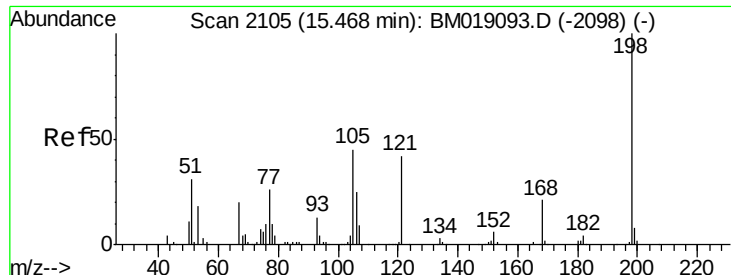


Abundance Ion 188.00 (187.70 to 188.70): BM019090.D (-2361) (-)

Ion 94.00 (93.70 to 94.70): BM019090.D (-2361) (-)

Ion 80.00 (79.70 to 80.70): BM019090.D (-2361) (-)

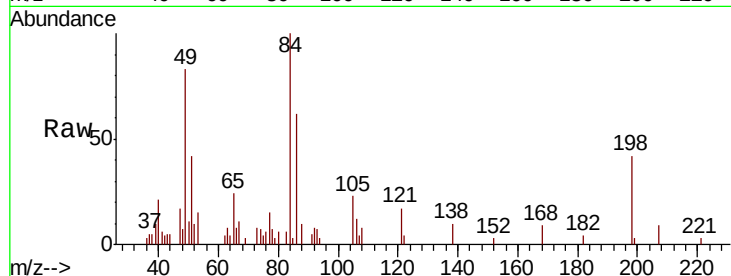




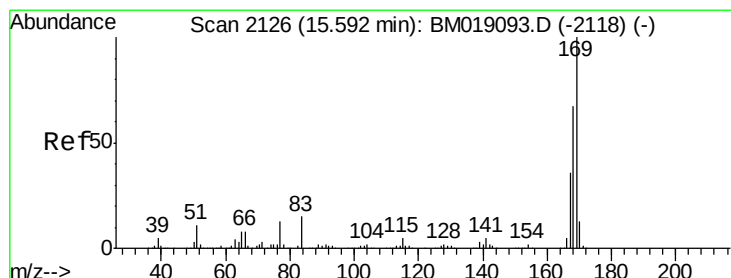
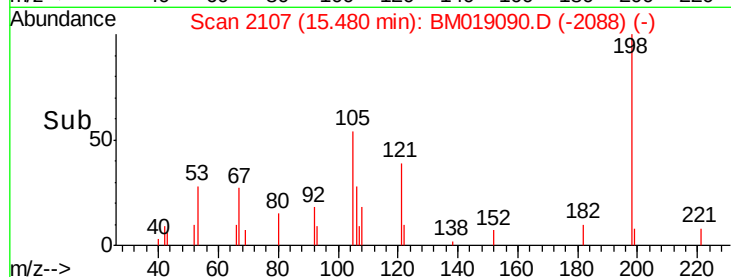
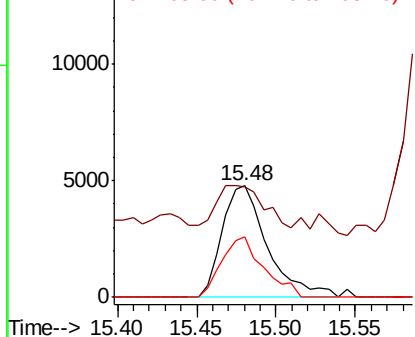
#65
4,6-Dinitro-2-methylphenol
Concen: 1.177 ng
RT: 15.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Instrument :
BNA_M
ClientSampled :

Tot Ion:198 Resp: 9396
Ion Ratio Lower Upper
198 100
51 99.1 17.3 57.3#
105 54.5 26.2 66.2

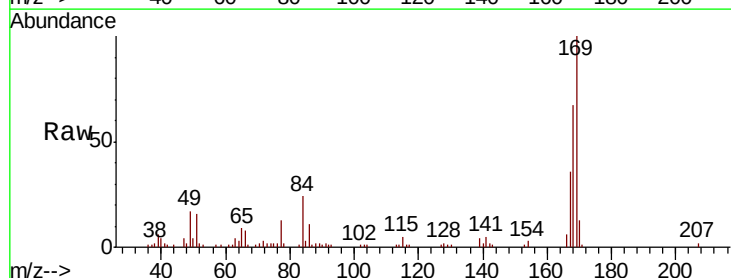


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM019090.D (-2098) (-)
Ion 105.00 (104.70 to 105.70): E

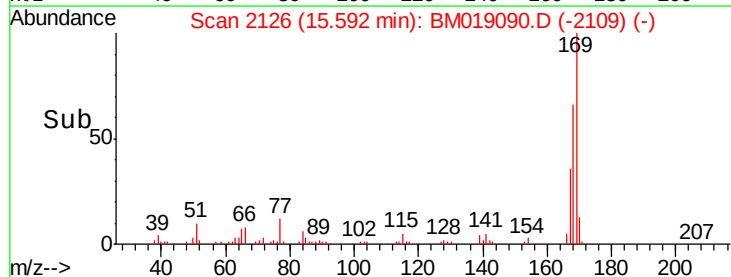
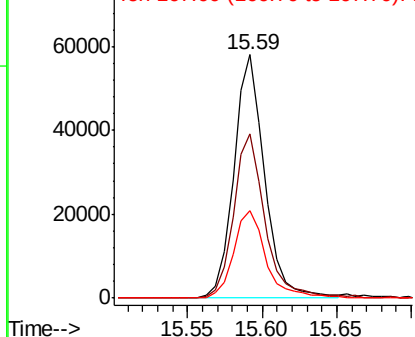


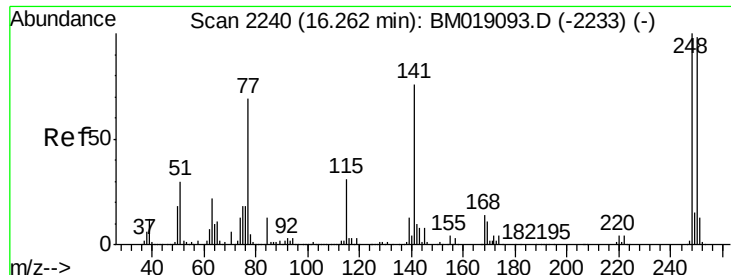
#66
n-Nitrosodiphenylamine
Concen: 2.305 ng
RT: 15.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion:169 Resp: 82823
Ion Ratio Lower Upper
169 100
168 67.2 53.9 80.9
167 36.1 28.8 43.2



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

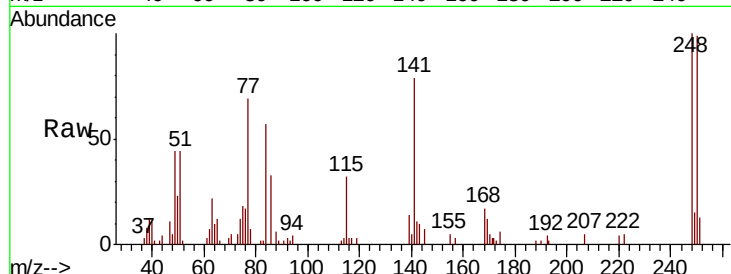




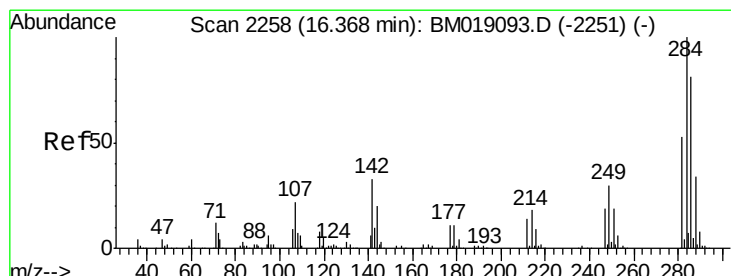
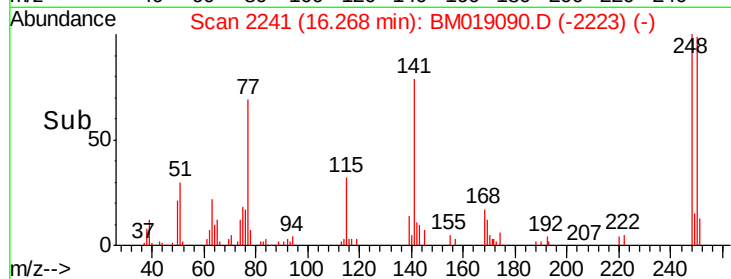
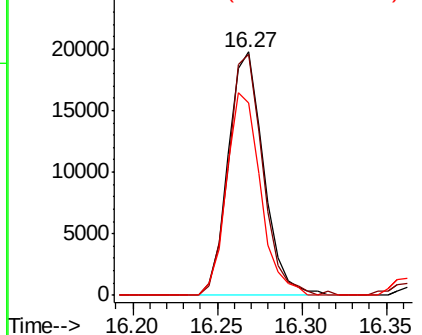
#67
 4-Bromophenyl-phenylether
 Concen: 2.263 ng
 RT: 16.27 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:248 Resp: 28813
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.0 117.0
 141 79.0 61.0 91.4

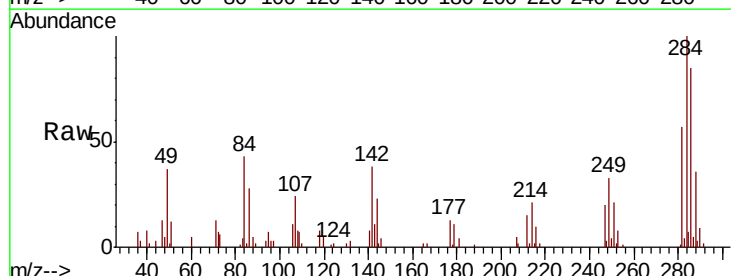


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

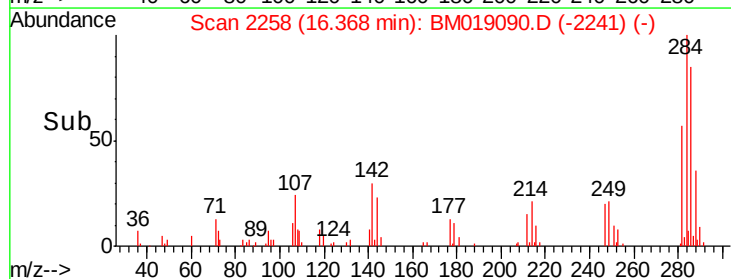
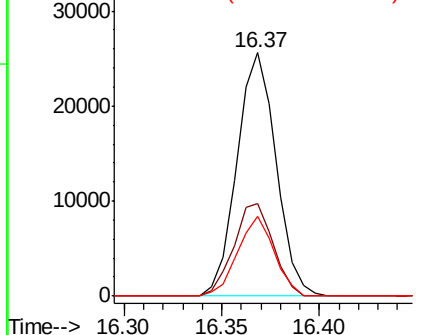


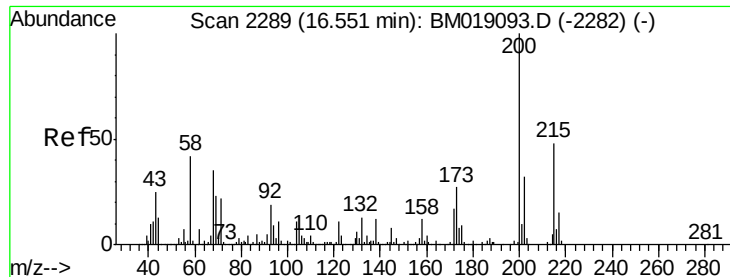
#68
 Hexachlorobenzene
 Concen: 2.396 ng
 RT: 16.37 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion:284 Resp: 35460
 Ion Ratio Lower Upper
 284 100
 142 38.0 26.3 39.5
 249 32.5 24.1 36.1



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





#69

Atrazine

Concen: 2.285 ng

RT: 16.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

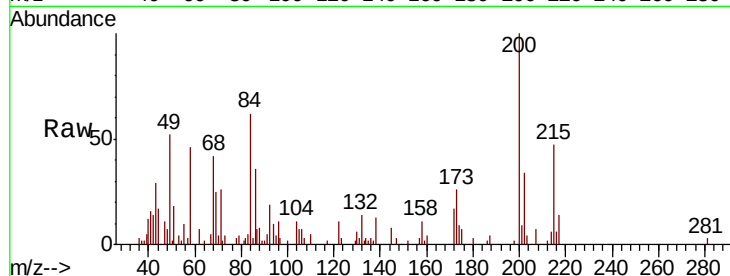
Tot Ion:200 Resp: 26477

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

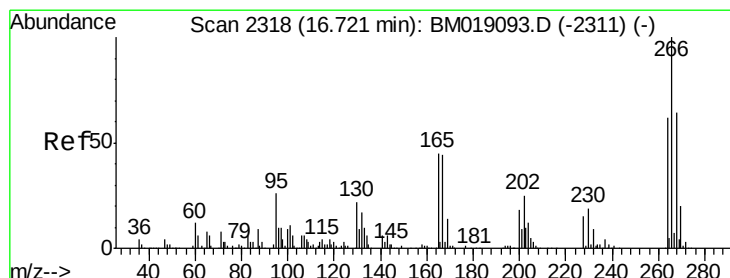
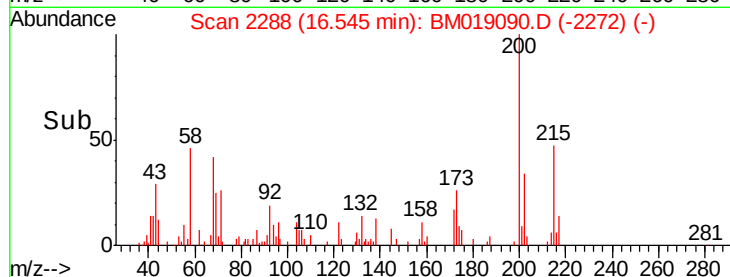
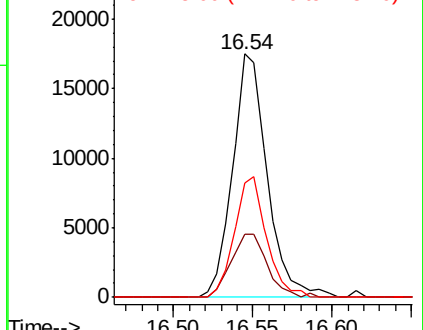
215 47.2 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 1.489 ng

RT: 16.73 min Scan# 2320

Delta R.T. 0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

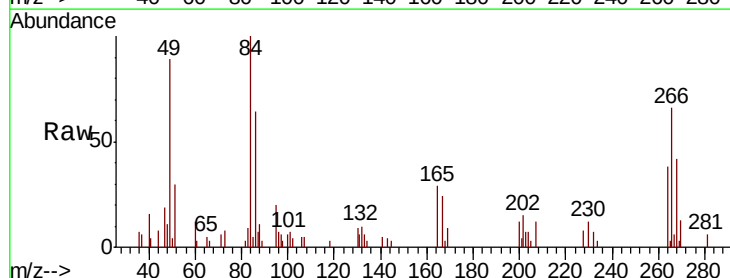
Tgt Ion:266 Resp: 14192

Ion Ratio Lower Upper

266 100

268 64.4 51.3 76.9

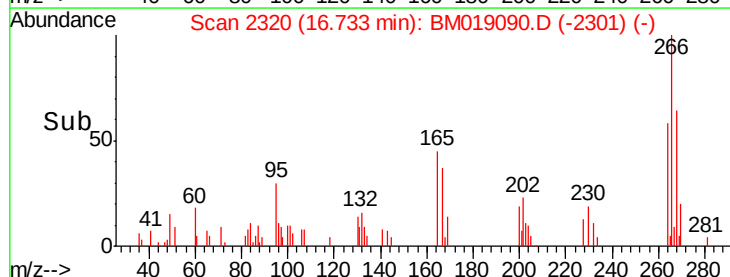
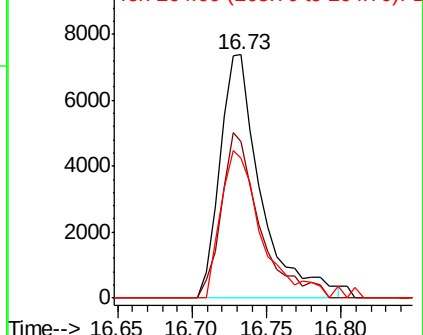
264 57.7 50.0 75.0

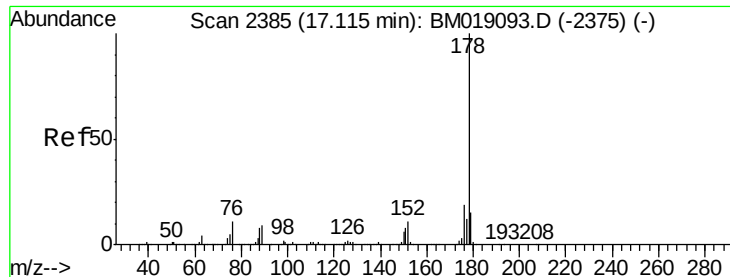


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

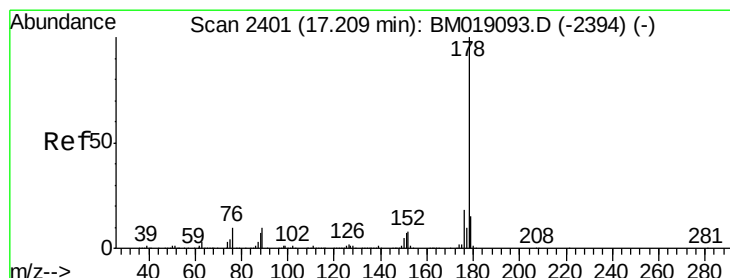
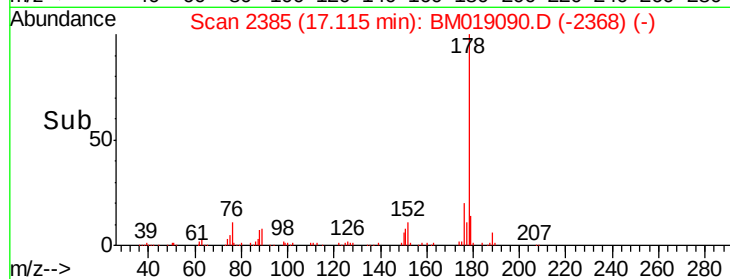
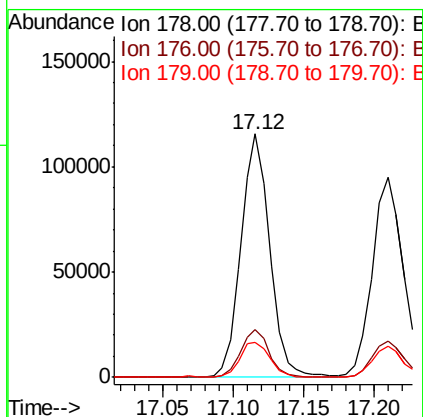
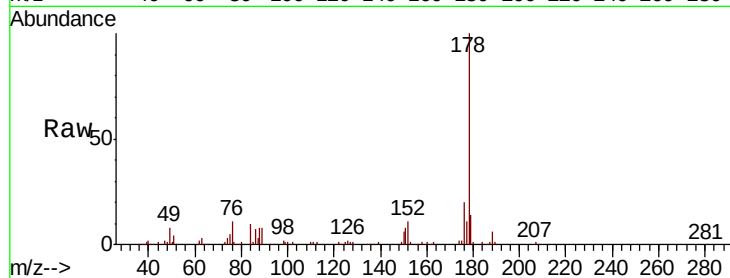




#71
Phenanthrene
Concen: 2.707 ng
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

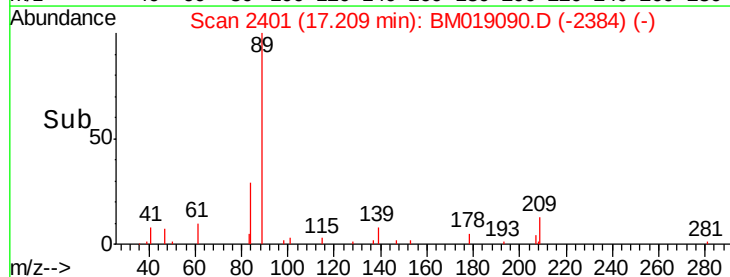
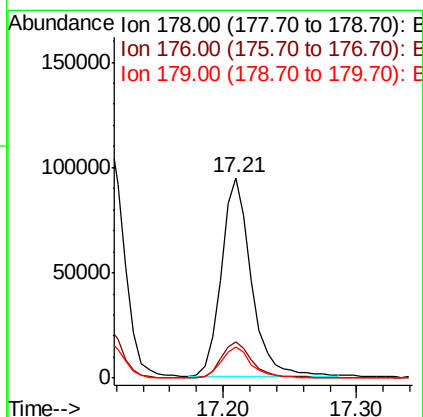
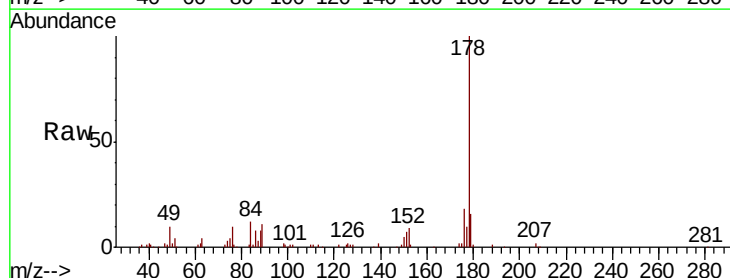
Instrument :
BNA_M
ClientSampleId :

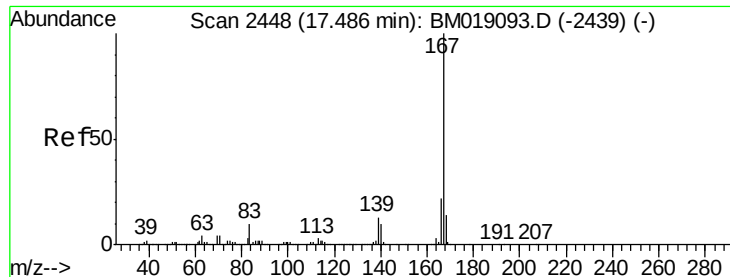
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	14.4	12.2	18.2



#72
Anthracene
Concen: 2.484 ng
RT: 17.21 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.7	11.9	17.9

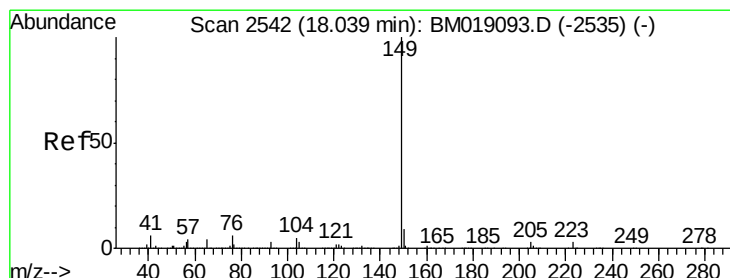
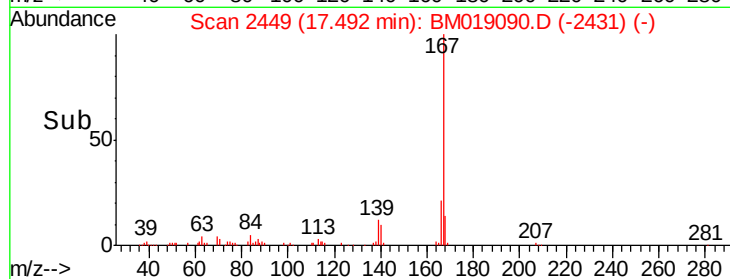
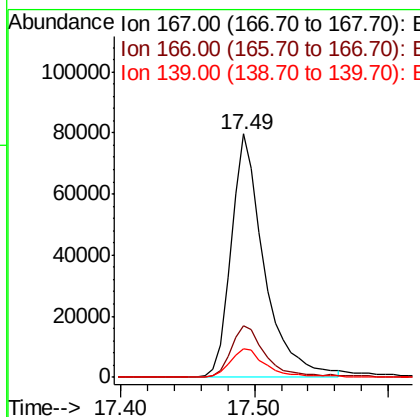
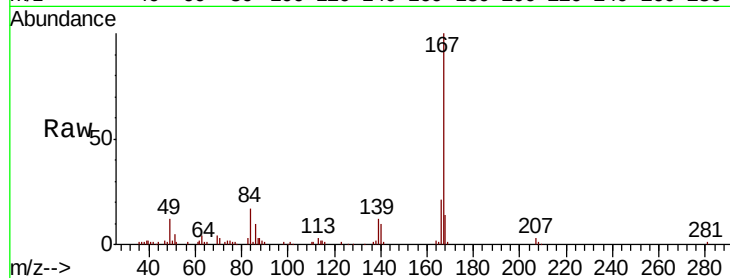




#73
 Carbazole
 Concen: 2.209 ng
 RT: 17.49 min Scan# 2449
 Delta R.T. 0.01 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

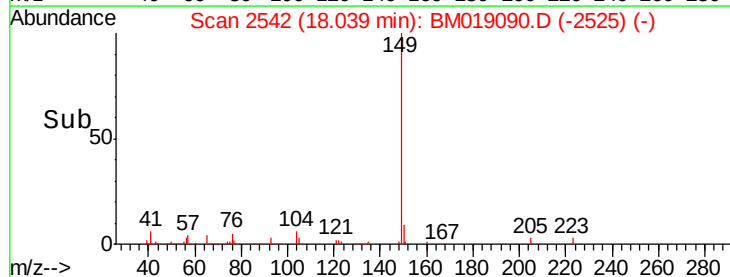
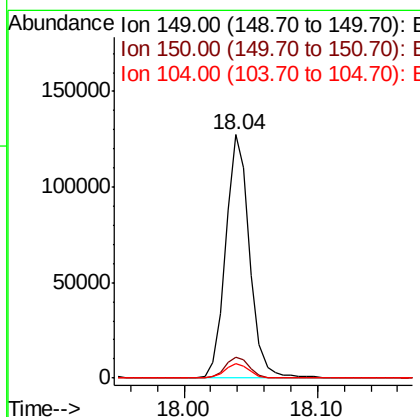
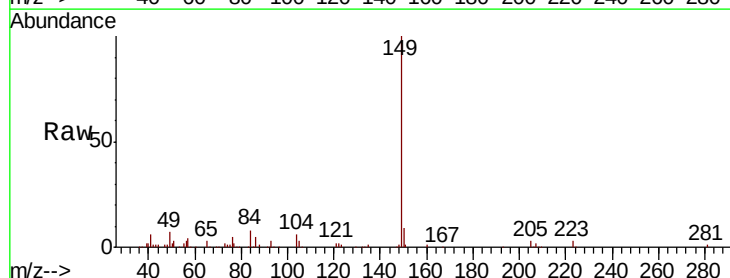
Instrument :
 BNA_M
 ClientSampleId :

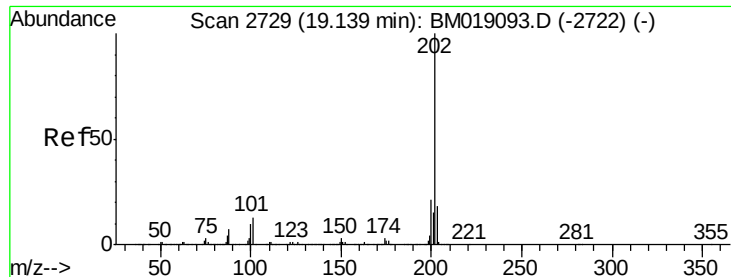
Tot Ion:167 Resp: 137289
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.8 26.8
 139 11.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 2.254 ng
 RT: 18.04 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BM019090.D
 Acq: 11 Mar 2019 12:57

Tgt Ion:149 Resp: 161138
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 5.8 4.2 6.4





#75

Fluoranthene

Concen: 2.565 ng

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

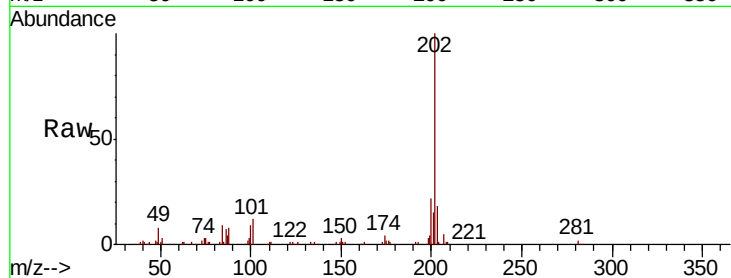
Tot Ion:202 Resp: 181147

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.0

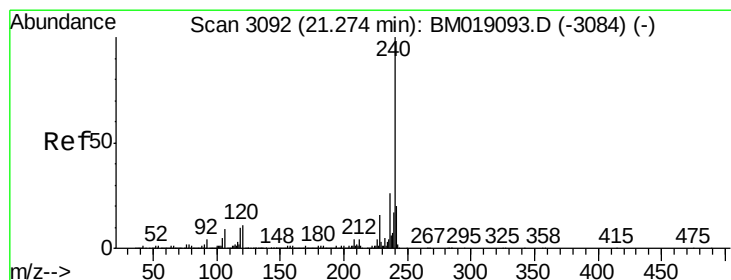
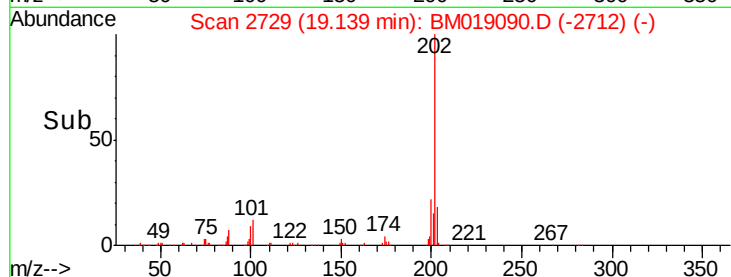
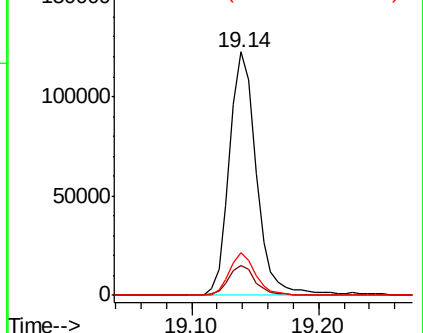
203 17.7 0.0 37.8



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: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

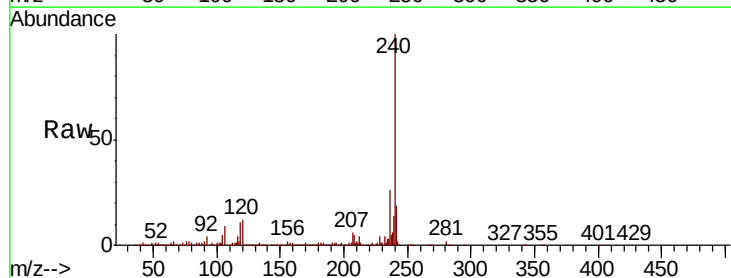
Tgt Ion:240 Resp: 1291117

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

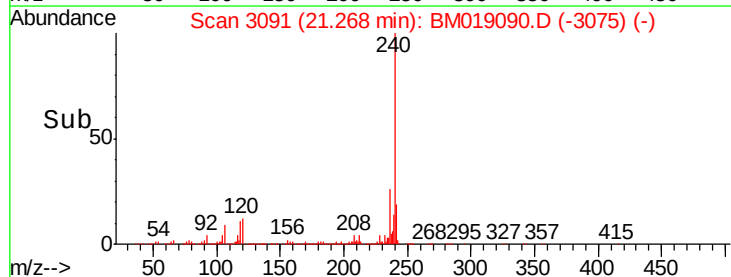
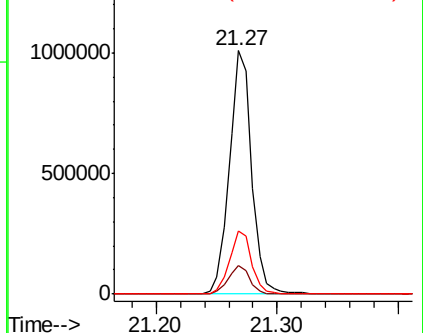
236 25.8 21.0 31.4

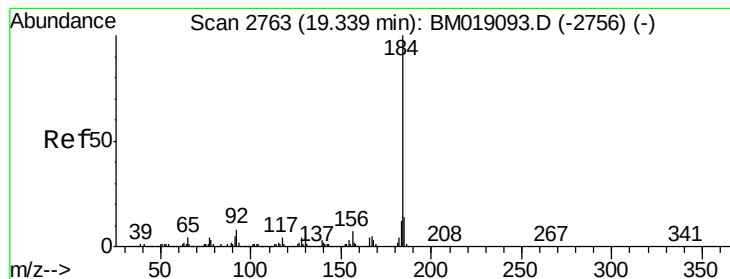


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.608 ng

RT: 19.35 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

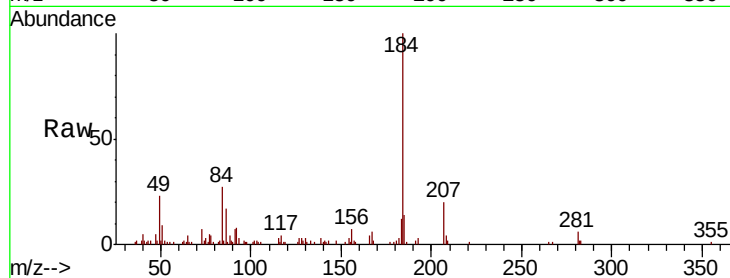
Tot Ion:184 Resp: 75845

Ion Ratio Lower Upper

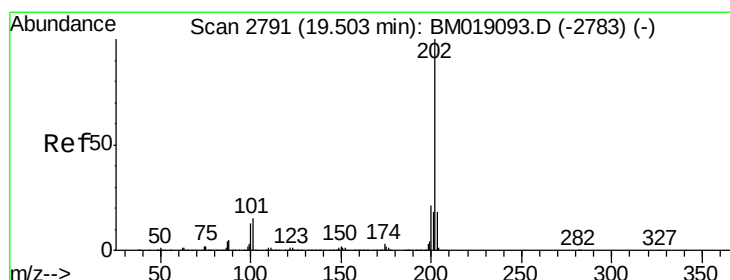
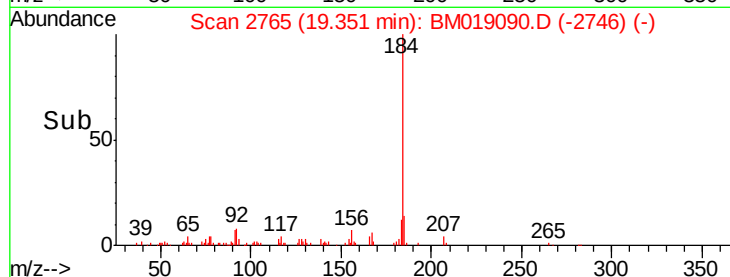
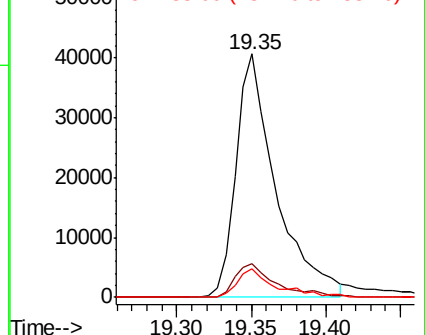
184 100

185 13.9 11.0 16.4

183 11.7 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 2.543 ng

RT: 19.50 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

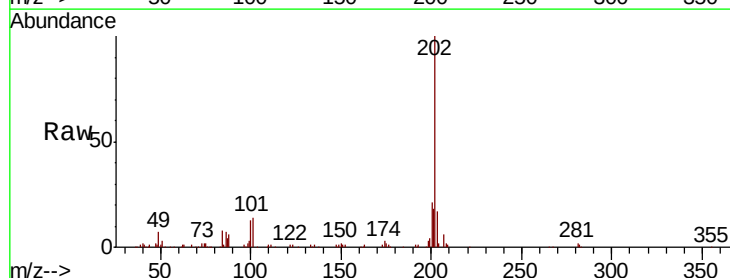
Tgt Ion:202 Resp: 190675

Ion Ratio Lower Upper

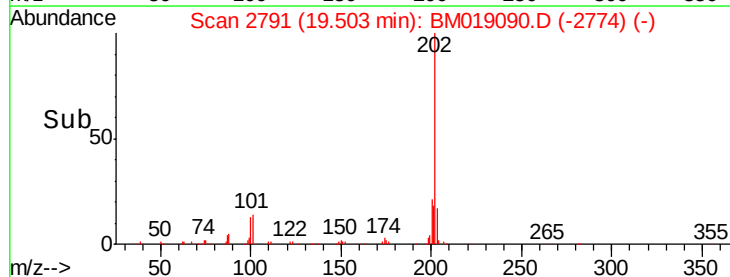
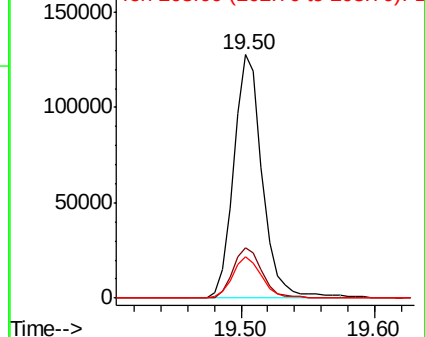
202 100

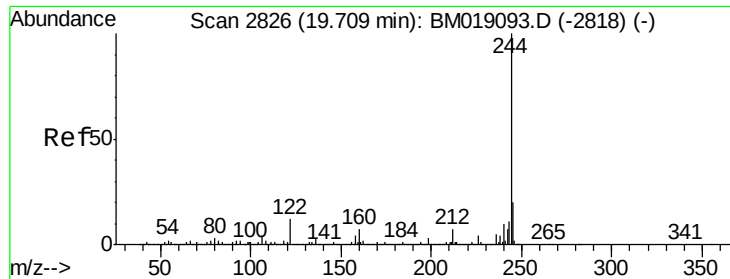
200 20.7 16.9 25.3

203 17.1 14.0 21.0



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





#79

Terphenyl-d14

Concen: 5.038 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

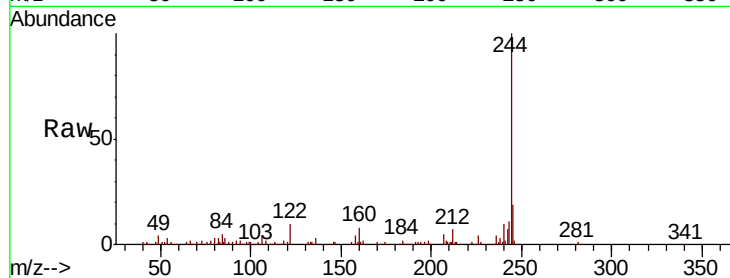
Tot Ion:244 Resp: 315302

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

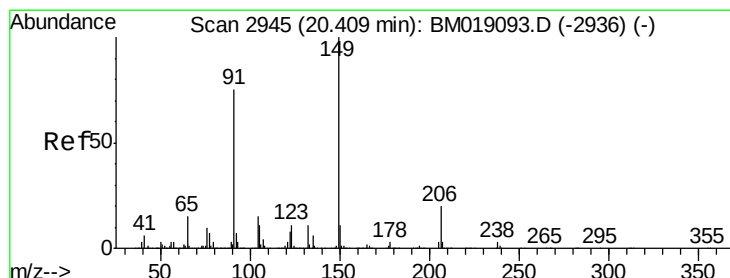
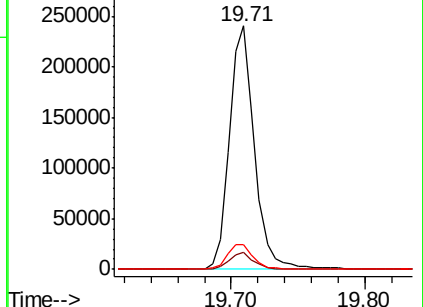
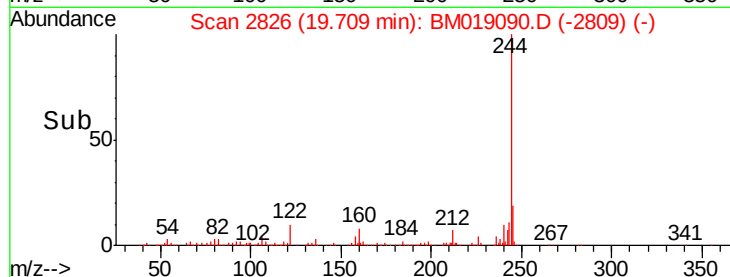
122 10.2 9.4 14.2



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: 1.994 ng

RT: 20.41 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

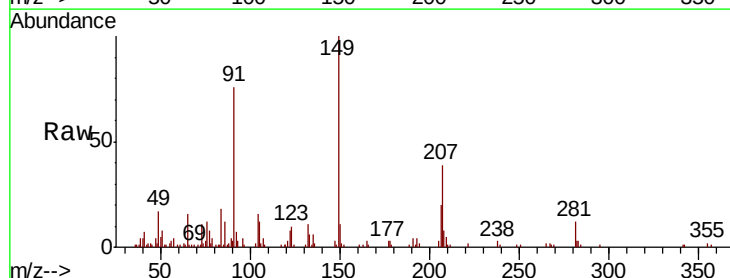
Tgt Ion:149 Resp: 68159

Ion Ratio Lower Upper

149 100

91 76.4 60.1 90.1

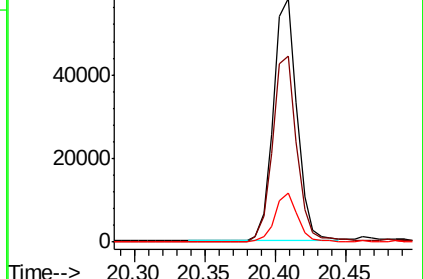
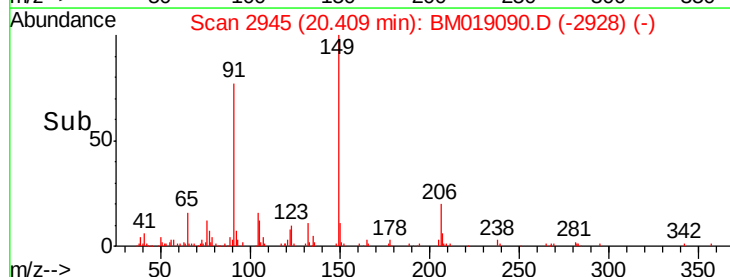
206 20.2 16.2 24.2

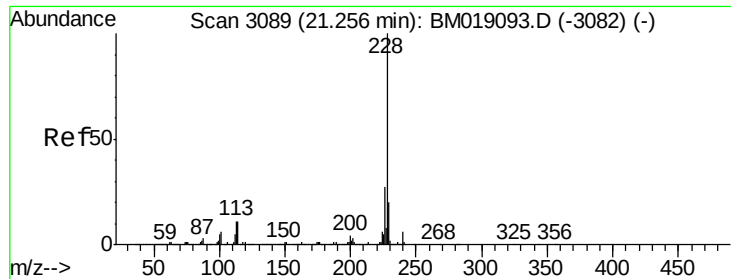


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.587 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

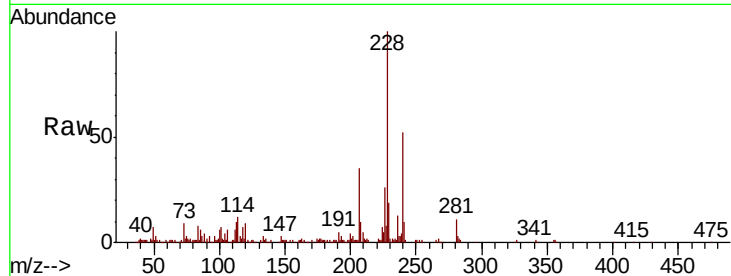
Tot Ion:228 Resp: 194739

Ion Ratio Lower Upper

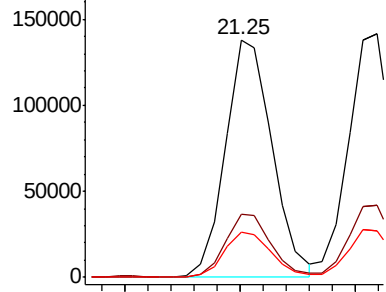
228 100

226 26.4 21.8 32.8

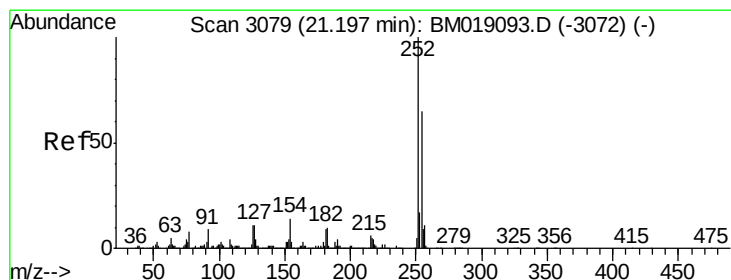
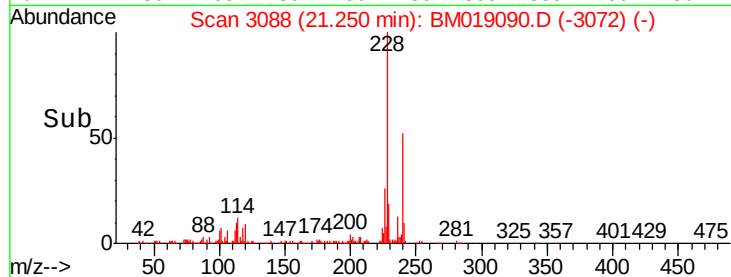
229 19.1 15.8 23.6



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



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 2.271 ng

RT: 21.20 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

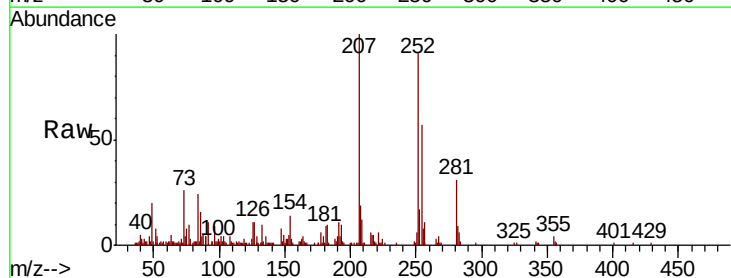
Tgt Ion:252 Resp: 67550

Ion Ratio Lower Upper

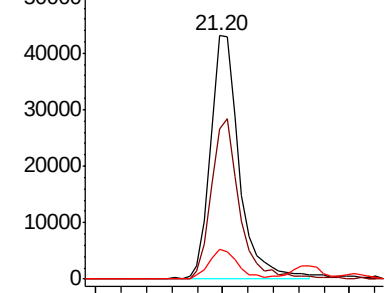
252 100

254 61.9 52.4 78.6

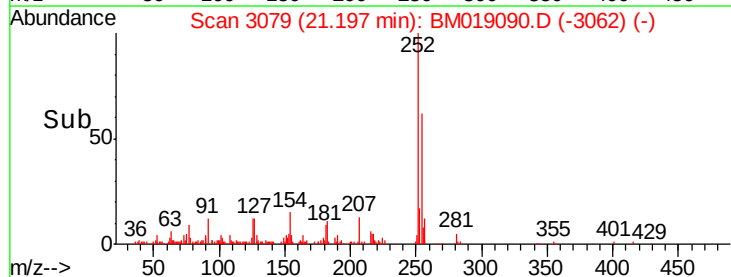
126 12.4 9.0 13.6

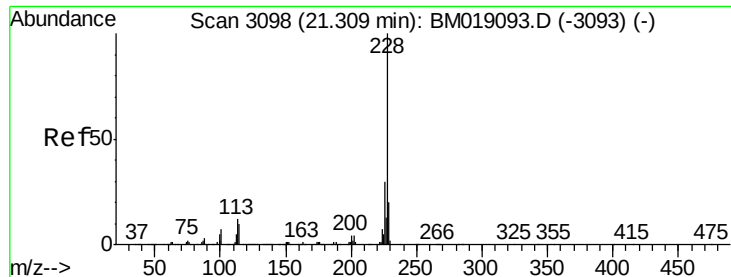


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 2.703 ng

RT: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

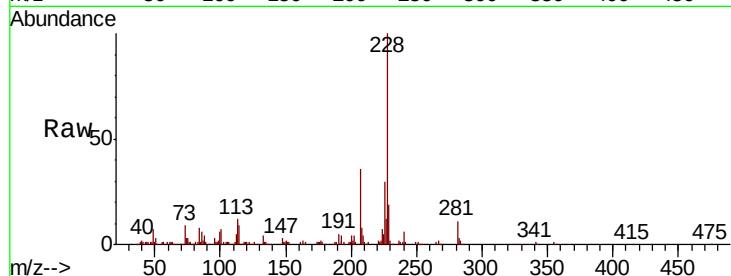
Tot Ion:228 Resp: 194989

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

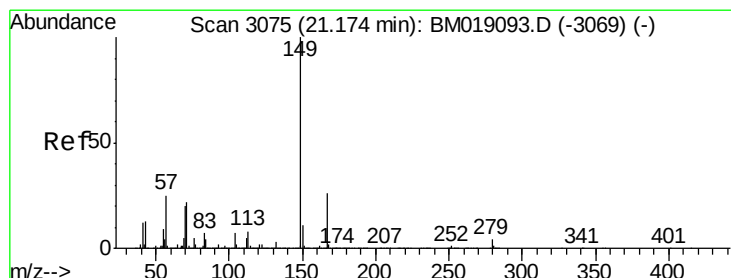
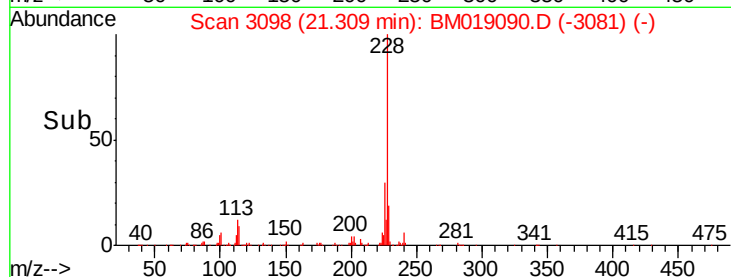
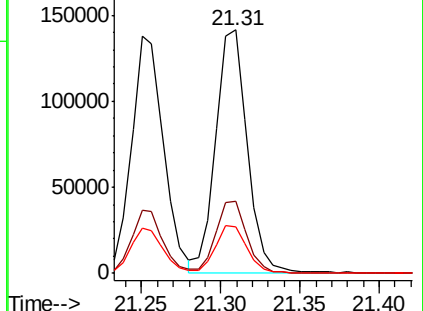
229 18.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.005 ng

RT: 21.17 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

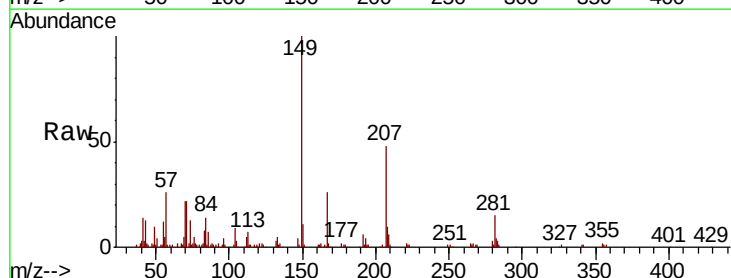
Tgt Ion:149 Resp: 100283

Ion Ratio Lower Upper

149 100

167 26.3 21.1 31.7

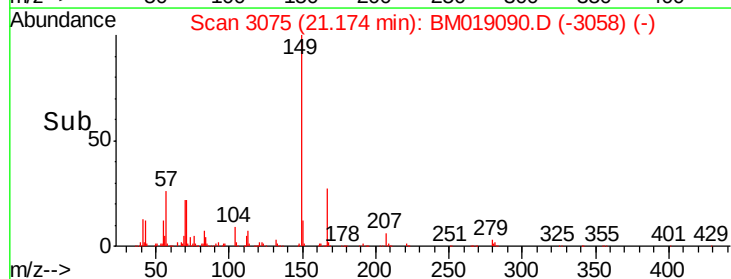
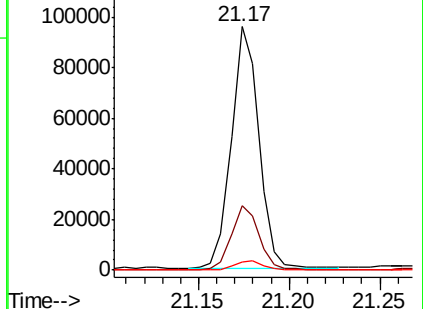
279 3.3 3.2 4.8

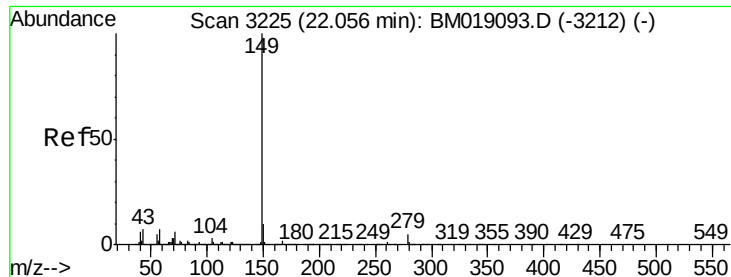


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

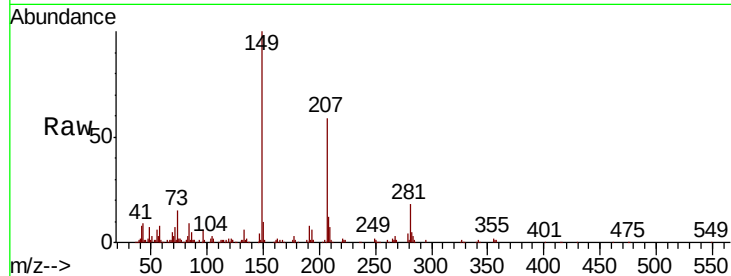




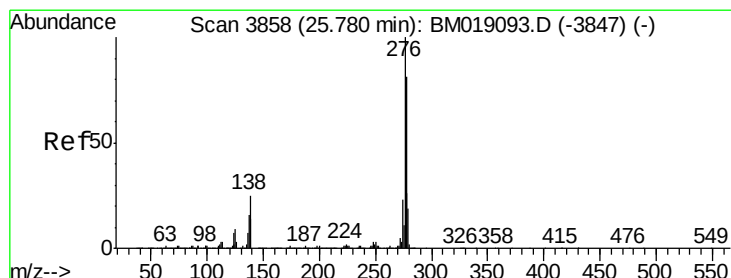
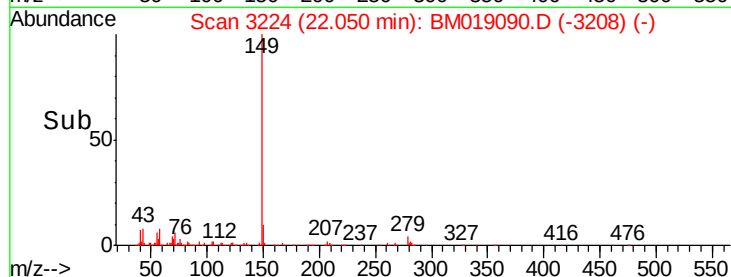
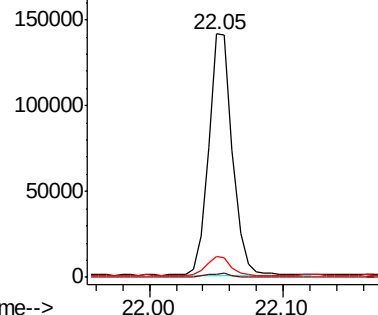
#85
Di-n-octyl phthalate
Concen: 2.067 ng
RT: 22.05 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	7.8	6.1	9.1

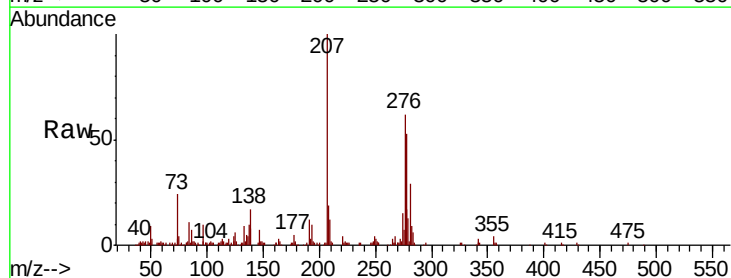


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

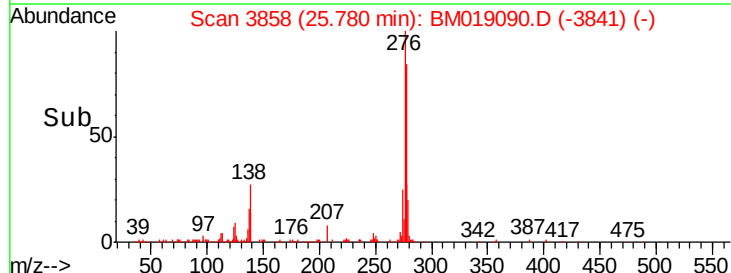
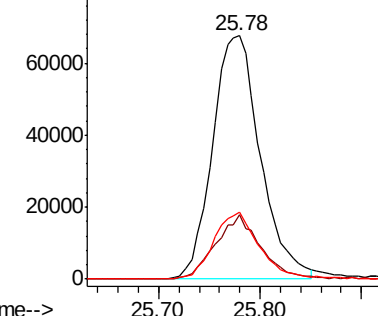


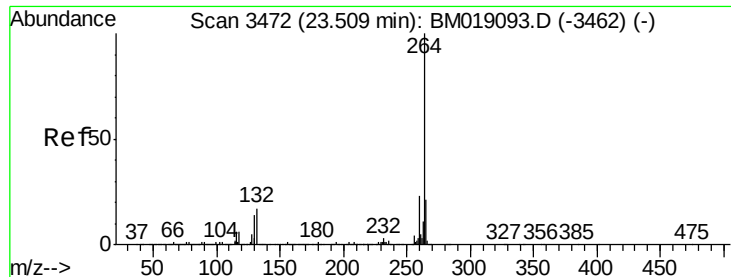
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.655 ng
RT: 25.78 min Scan# 3858
Delta R.T. 0.00 min
Lab File: BM019090.D
Acq: 11 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.9	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

Pervlene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

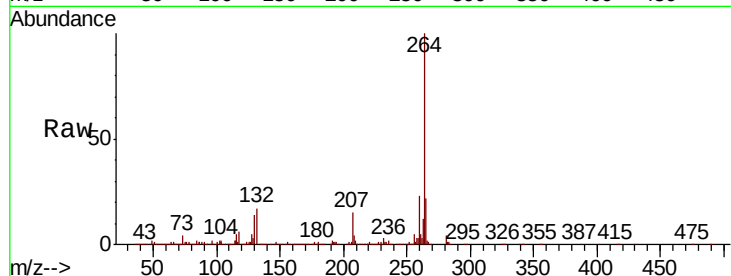
Tot Ion:264 Resp: 1355576

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

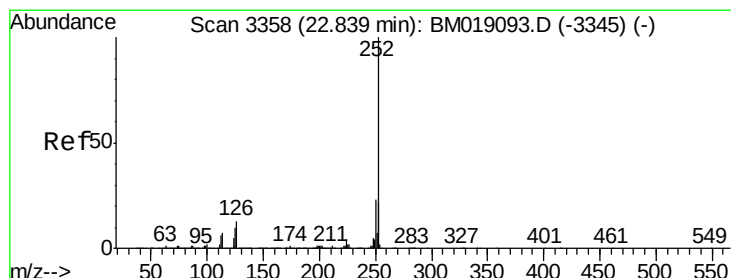
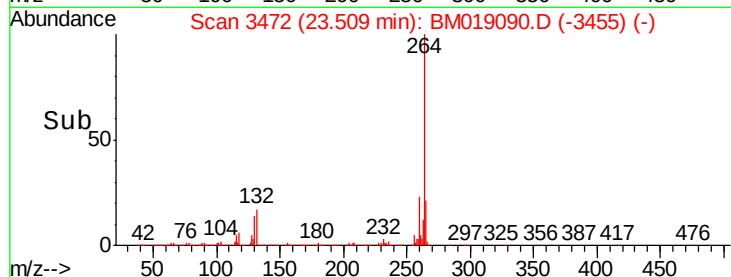
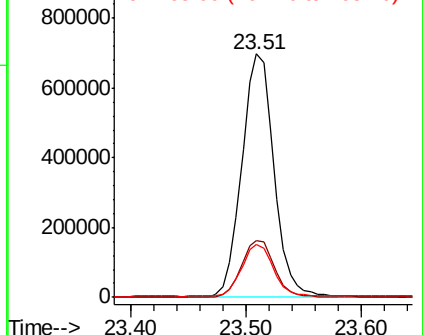
265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 2.605 ng

RT: 22.83 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

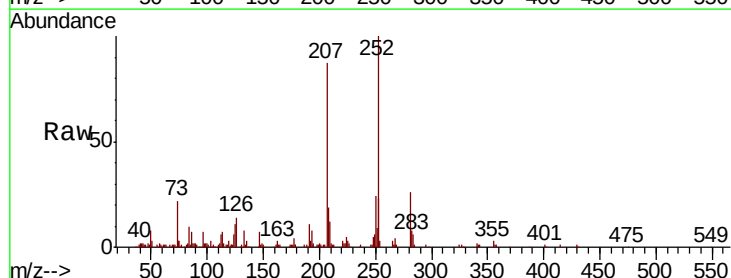
Tgt Ion:252 Resp: 202041

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

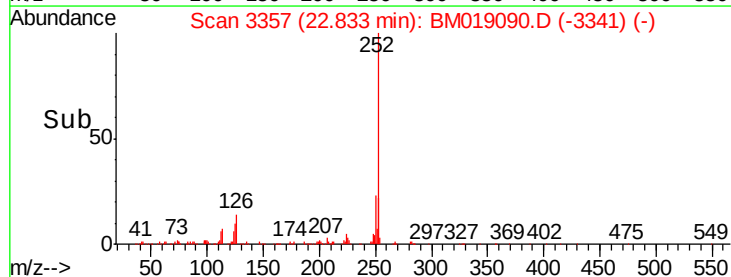
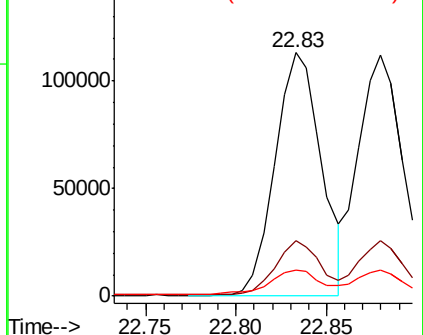
125 10.7 8.1 12.1

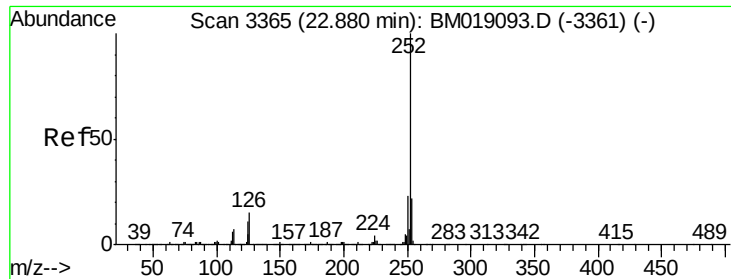


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.507 ng

RT: 22.88 min Scan# 3365

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

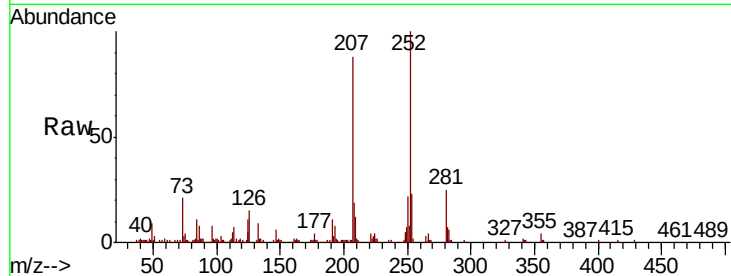
Tot Ion:252 Resp: 193604

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

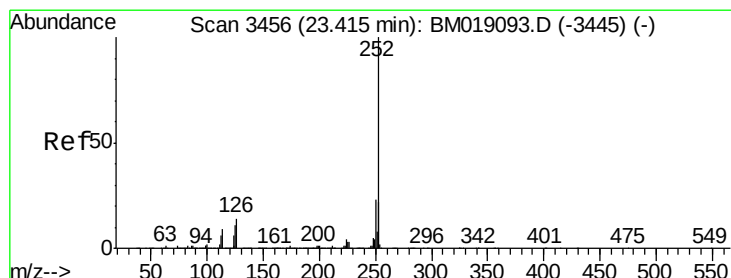
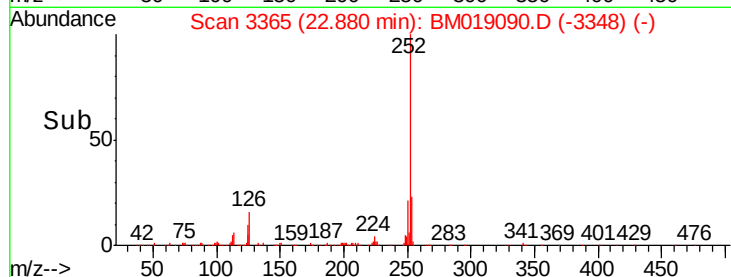
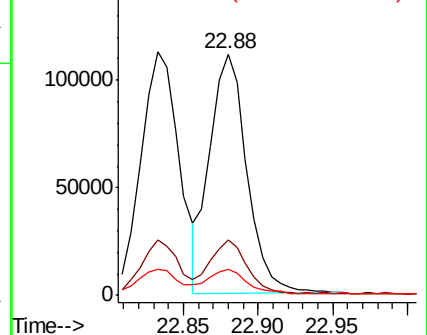
125 10.5 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.531 ng

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

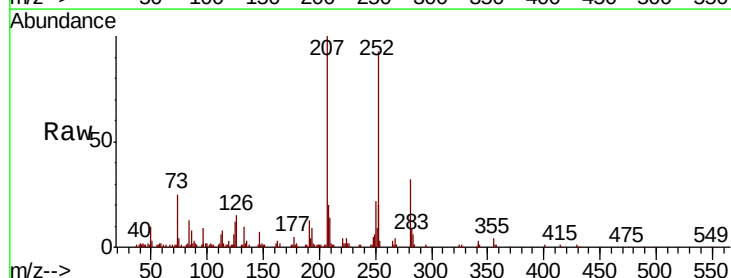
Tgt Ion:252 Resp: 185939

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

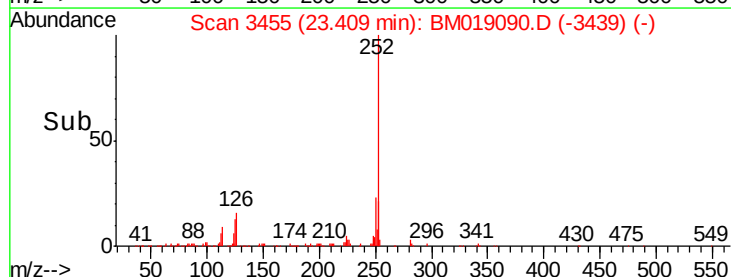
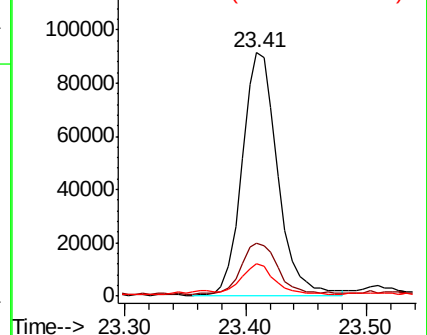
125 13.2 9.2 13.8

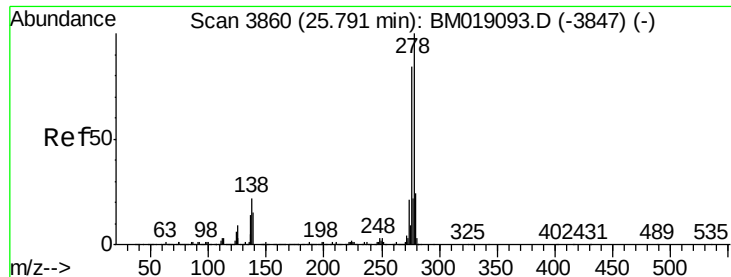


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 2.558 ng

RT: 25.79 min Scan# 3860

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

Instrument :

BNA_M

ClientSampleId :

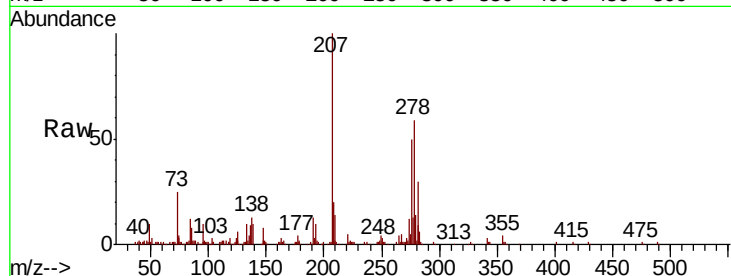
Tot Ion:278 Resp: 186211

Ion Ratio Lower Upper

278 100

139 16.4 12.3 18.5

279 24.3 18.9 28.3

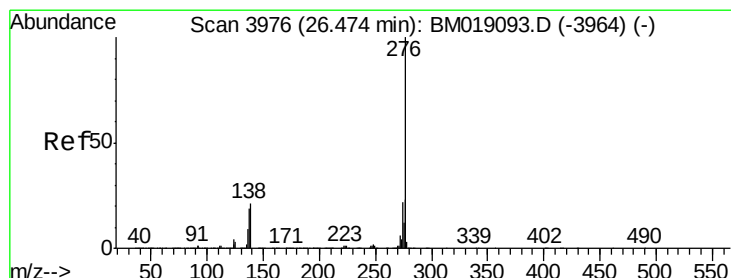
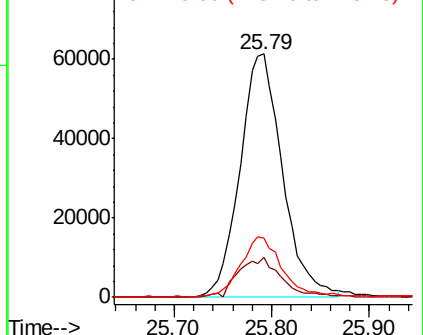
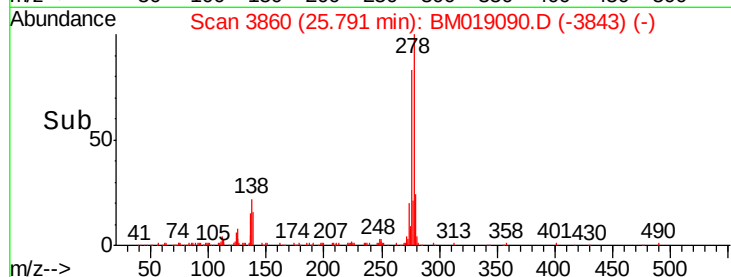


Abundance

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: 2.641 ng

RT: 26.47 min Scan# 3976

Delta R.T. 0.00 min

Lab File: BM019090.D

Acq: 11 Mar 2019 12:57

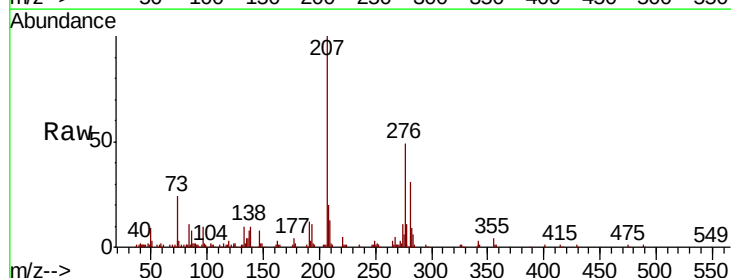
Tgt Ion:276 Resp: 178983

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 19.6 17.0 25.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

