

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
 Data File : BM019226.D
 Acq On : 18 Mar 2019 21:29
 Operator : JU/SJ
 Sample : K1947-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 19 07:23:18 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 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	200414	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	891011	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	546956	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1194539	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	953008	20.00	ng	-0.01
87) Perylene-d12	23.49	264	855513	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1815489	146.70	ng	0.00
7) Phenol-d6	6.83	99	2737443	151.23	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1687606	89.53	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1214678	150.41	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3547691	84.37	ng	-0.02
79) Terphenyl-d14	19.70	244	5169264	107.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	176836	32.122	ng	99
3) Pyridine	3.62	79	268792	17.946	ng	99
4) n-Nitrosodimethylamine	3.53	42	165687	35.584	ng	93
6) Aniline	7.00	93	533155	22.813	ng	100
8) 2-Chlorophenol	7.22	128	655155	44.055	ng	99
9) Benzaldehyde	6.81	77	237335	20.845	ng	97
10) Phenol	6.86	94	944598	48.421	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	591636	39.745	ng	97
12) 1,3-Dichlorobenzene	7.53	146	614354	39.037	ng	99
13) 1,4-Dichlorobenzene	7.68	146	634699	39.558	ng	98
14) 1,2-Dichlorobenzene	7.99	146	622442	39.874	ng	99
15) Benzyl Alcohol	7.90	79	640114	42.727	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	587008	38.620	ng	99
17) 2-Methylphenol	8.10	107	585419	46.051	ng	99
18) Hexachloroethane	8.70	117	226225	37.944	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	591436	39.826	ng	99
20) 3+4-Methylphenols	8.43	107	812306	47.075	ng	99
22) Acetophenone	8.48	105	980903	39.836	ng	# 100
24) Nitrobenzene	8.86	77	826022	42.136	ng	99
25) Isophorone	9.38	82	1516702	42.169	ng	99
26) 2-Nitrophenol	9.56	139	365275	44.952	ng	99
27) 2,4-Dimethylphenol	9.62	122	647370	53.589	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	898522	42.190	ng	99
29) 2,4-Dichlorophenol	10.09	162	672151	50.238	ng	98
30) 1,2,4-Trichlorobenzene	10.29	180	649583	43.058	ng	98
31) Naphthalene	10.48	128	2007846	42.754	ng	100
32) Benzoic acid	9.78	122	261202	25.531	ng	97
33) 4-Chloroaniline	10.62	127	292080	15.172	ng	100
34) Hexachlorobutadiene	10.75	225	346479	40.021	ng	99
35) Caprolactam	11.44	113	164818	34.582	ng	98
36) 4-Chloro-3-methylphenol	11.74	107	776286	47.024	ng	98
37) 2-Methylnaphthalene	12.10	142	1538688	45.087	ng	99
38) 1-Methylnaphthalene	12.32	142	1473059	43.792	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	743005	42.944	ng	99

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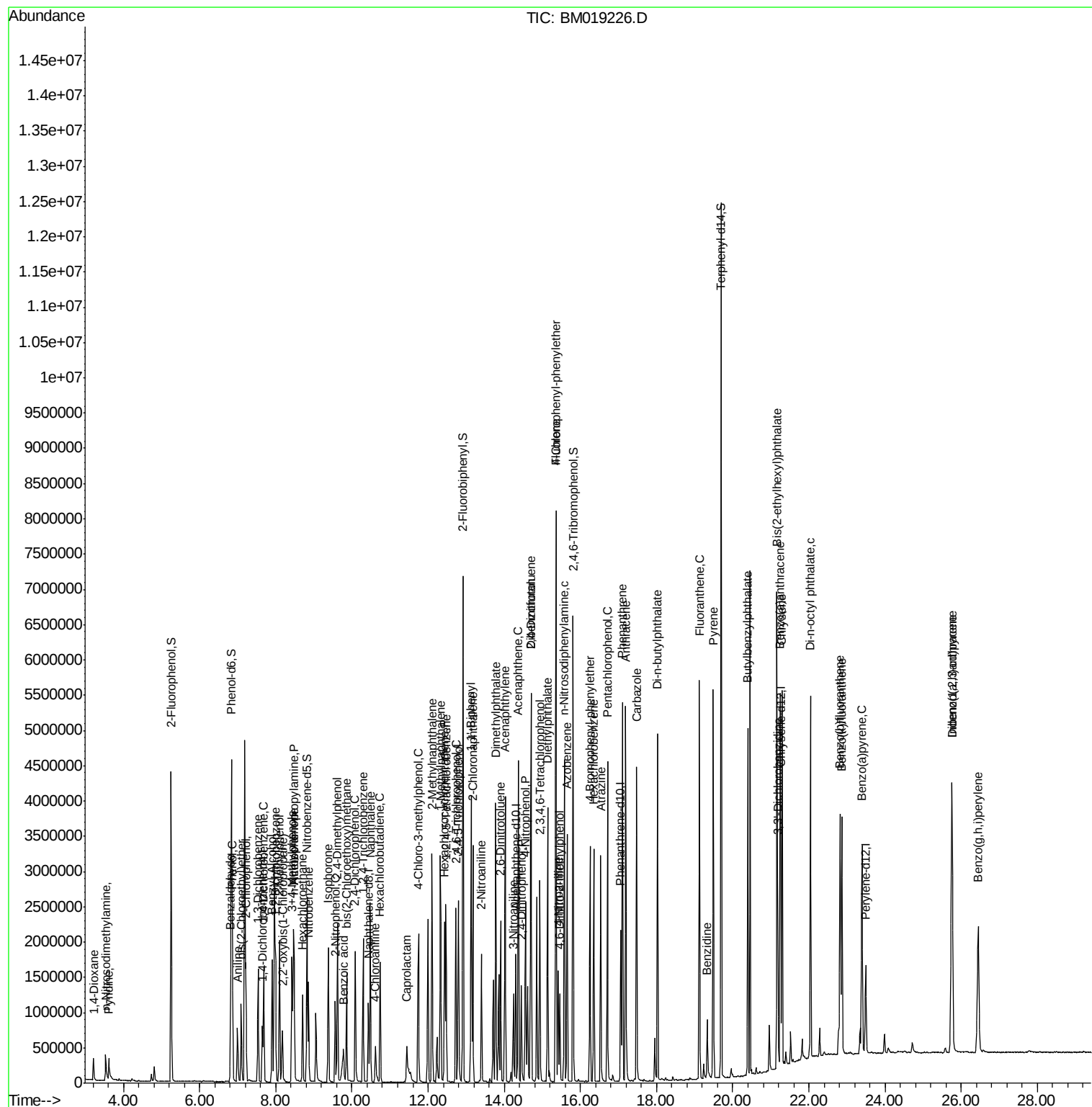
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	612966	78.215	ng	97
43) 2,4,6-Trichlorophenol	12.73	196	550602	49.244	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	584181	48.860	ng	99
46) 1,1'-Biphenyl	13.13	154	2000057	41.872	ng	99
47) 2-Chloronaphthalene	13.17	162	1566964	43.949	ng	99
48) 2-Nitroaniline	13.40	65	539845	45.147	ng	94
49) Acenaphthylene	14.03	152	2555404	42.388	ng	99
50) Dimethylphthalate	13.77	163	2438936	52.126	ng	99
51) 2,6-Dinitrotoluene	13.90	165	444757	43.972	ng	97
52) Acenaphthene	14.37	154	1472716	42.514	ng	99
53) 3-Nitroaniline	14.24	138	300600	28.060	ng	96
54) 2,4-Dinitrophenol	14.45	184	300965	51.237	ng	95
55) Dibenzofuran	14.70	168	2416927	43.264	ng	99
56) 4-Nitrophenol	14.56	139	697852	79.787	ng	99
57) 2,4-Dinitrotoluene	14.70	165	634639	43.225	ng	99
58) Fluorene	15.36	166	1990008	43.216	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	525003	47.167	ng	98
60) Diethylphthalate	15.14	149	2072934	43.744	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	980628	43.847	ng	98
62) 4-Nitroaniline	15.42	138	410624	38.035	ng	97
63) Azobenzene	15.65	77	2148001	43.076	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	258169	32.981	ng	98
66) n-Nitrosodiphenylamine	15.58	169	1732331	45.552	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	584056	44.338	ng	97
68) Hexachlorobenzene	16.35	284	685953	43.800	ng	98
69) Atrazine	16.54	200	597978	46.710	ng	99
70) Pentachlorophenol	16.71	266	788416	83.558	ng	100
71) Phenanthrene	17.10	178	2967415	42.382	ng	99
72) Anthracene	17.19	178	3020410	44.066	ng	99
73) Carbazole	17.47	167	2709966	41.890	ng	100
74) Di-n-butylphthalate	18.03	149	3525153	45.061	ng	100
75) Fluoranthene	19.13	202	3121360	38.851	ng	99
77) Benzidine	19.33	184	508282	18.806	ng	99
78) Pyrene	19.49	202	3086282	51.184	ng	100
80) Butylbenzylphthalate	20.40	149	1494956	56.922	ng	98
81) Benzo(a)anthracene	21.24	228	2459949	41.144	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	740236	32.139	ng	98
83) Chrysene	21.30	228	2367347	40.928	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2222336	58.163	ng	100
85) Di-n-octyl phthalate	22.04	149	3312441	51.484	ng	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	2609996	41.918	ng	100
88) Benzo(b)fluoranthene	22.82	252	2323962	41.922	ng	100
89) Benzo(k)fluoranthene	22.87	252	2179665	42.749	ng	98
90) Benzo(a)pyrene	23.40	252	2145001	43.057	ng	100
91) Dibenzo(a,h)anthracene	25.76	278	2239716	46.998	ng	99
92) Benzo(g,h,i)perylene	26.45	276	2129705	48.676	ng	99

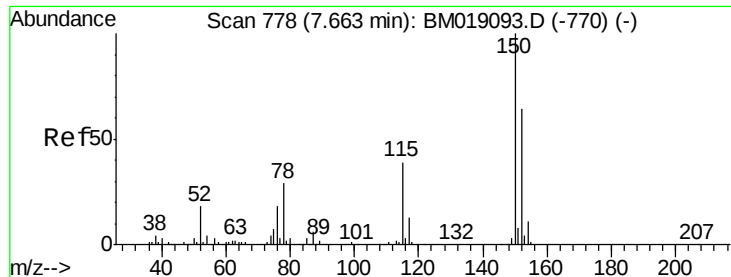
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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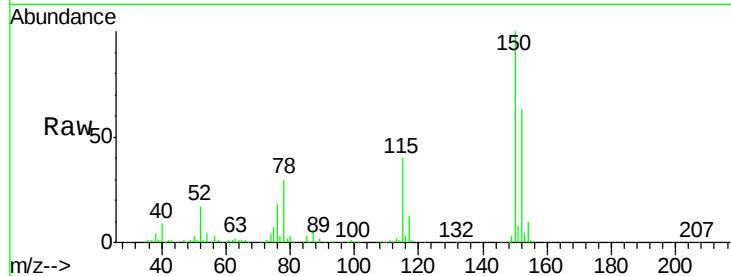


#1

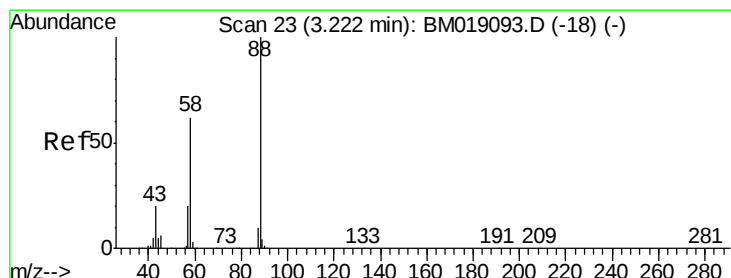
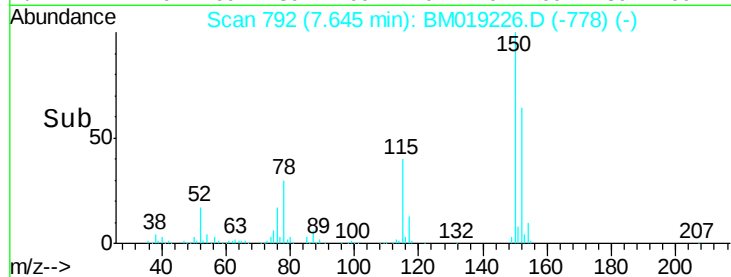
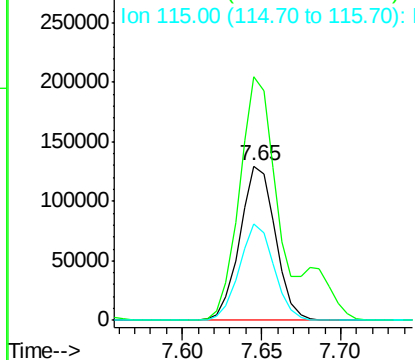
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 200414
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 62.6 49.4 74.0



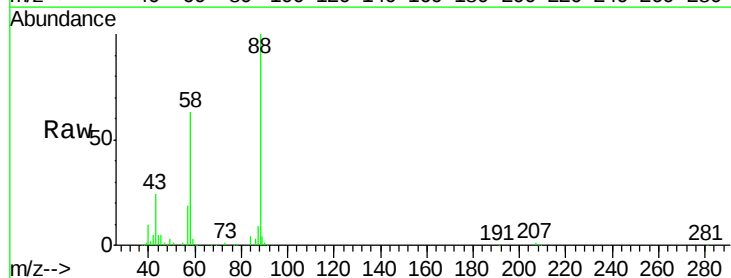
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



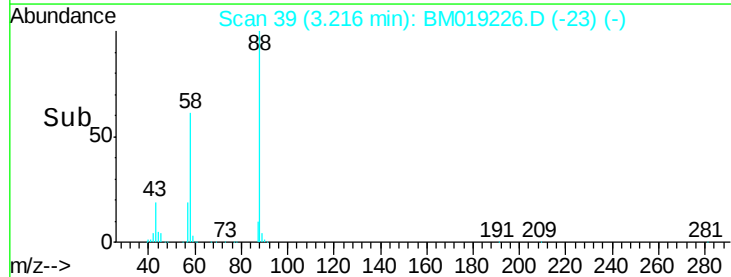
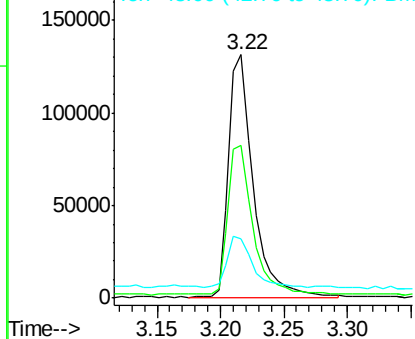
#2

1,4-Dioxane
Concen: 32.122 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion: 88 Resp: 176836
Ion Ratio Lower Upper
88 100
58 61.7 50.0 75.0
43 21.9 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

Pyridine

Concen: 17.946 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

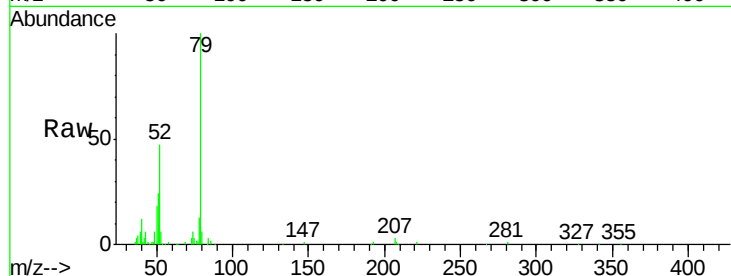
Tgt Ion: 79 Resp: 268792

Ion Ratio Lower Upper

79 100

52 47.2 37.5 56.3

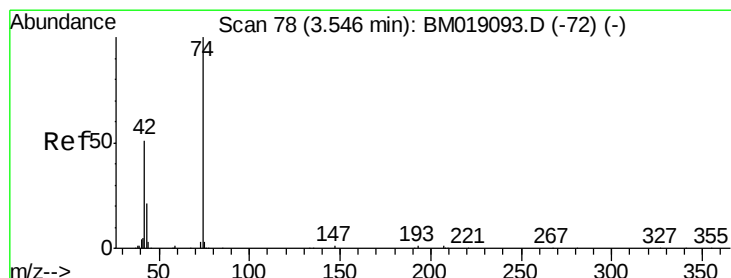
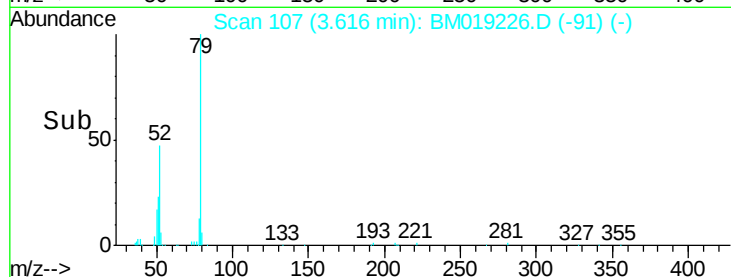
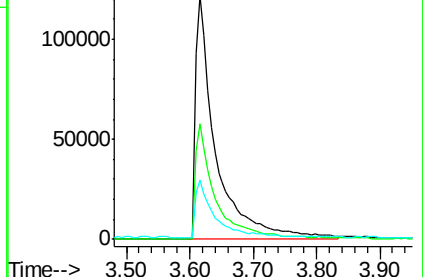
51 24.3 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 35.584 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

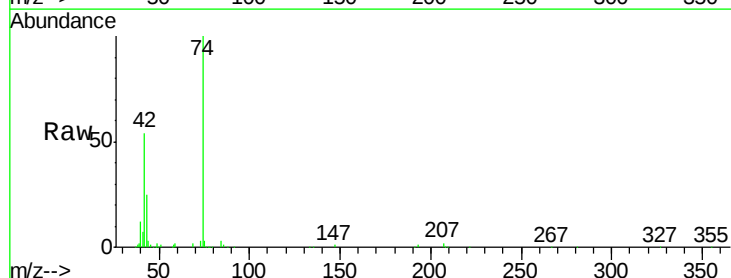
Tgt Ion: 42 Resp: 165687

Ion Ratio Lower Upper

42 100

74 185.0 156.3 234.5

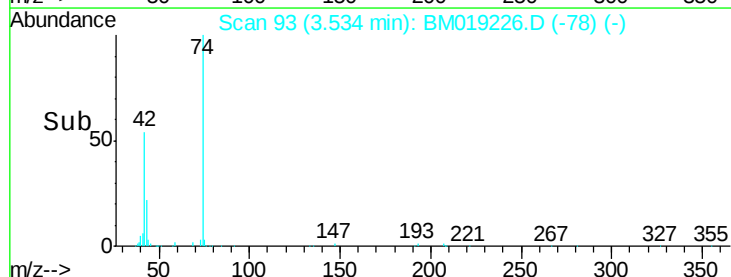
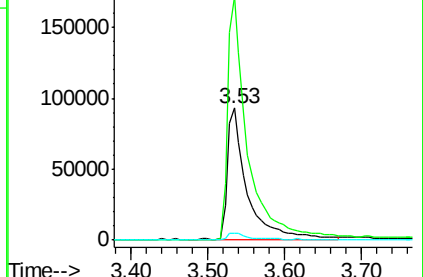
44 5.5 4.6 7.0

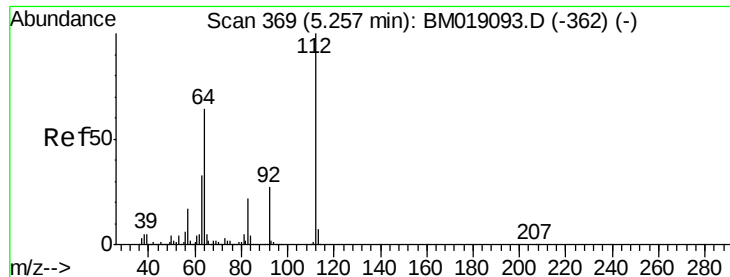


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 146.704 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019226.D

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Instrument :

BNA_M

ClientSampleId :

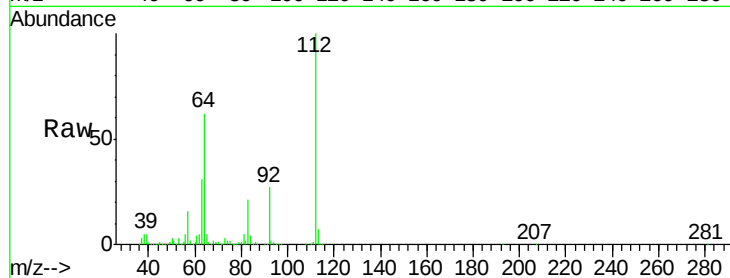
Tgt Ion: 112 Resp: 1815489

Ion Ratio Lower Upper

112 100

64 61.9 51.4 77.0

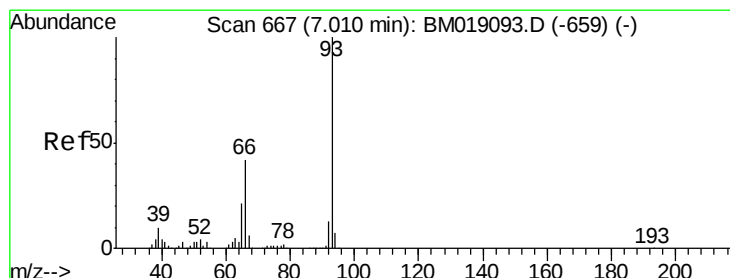
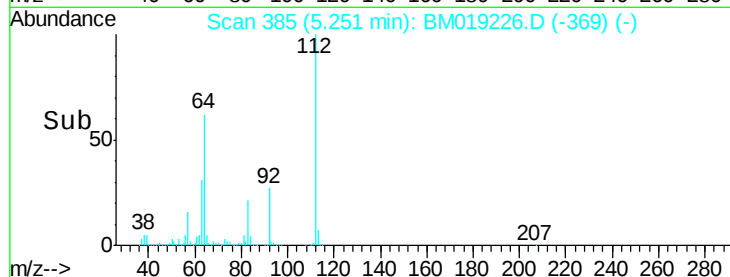
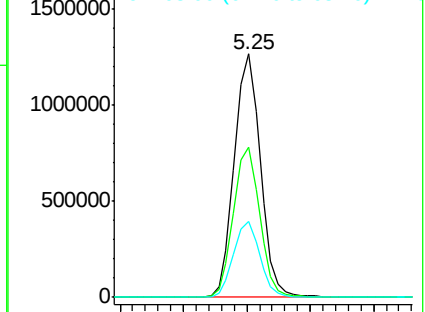
63 31.4 26.6 40.0



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: 22.813 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

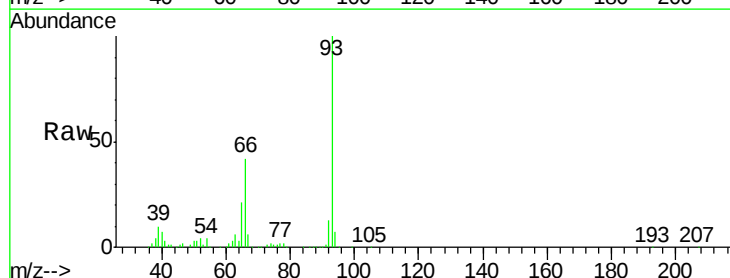
Tgt Ion: 93 Resp: 533155

Ion Ratio Lower Upper

93 100

66 42.0 33.4 50.2

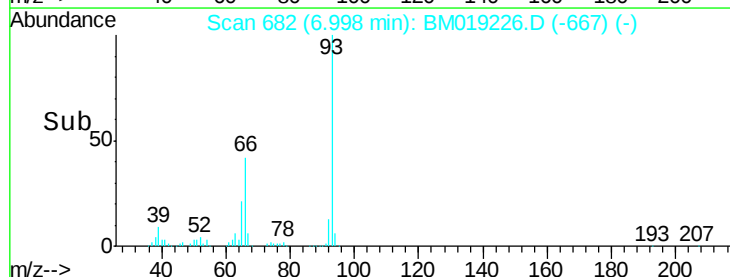
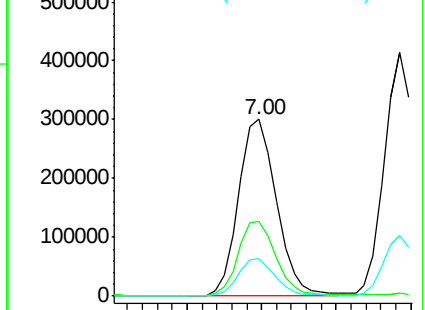
65 20.9 16.8 25.2

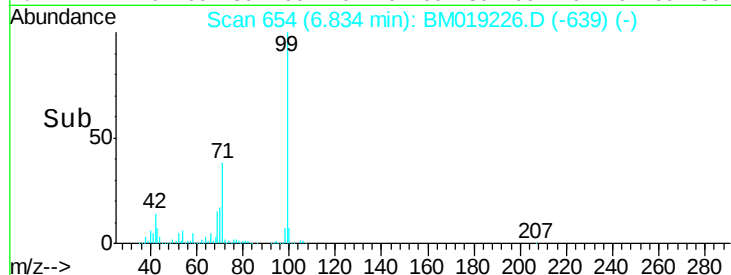
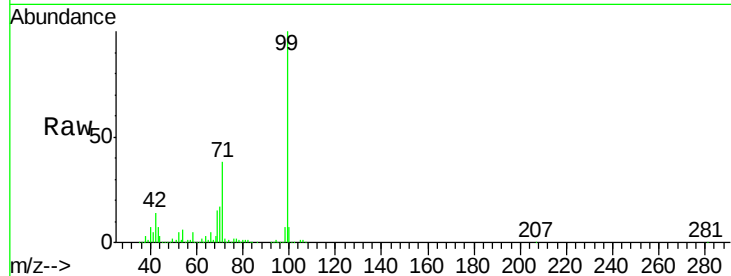
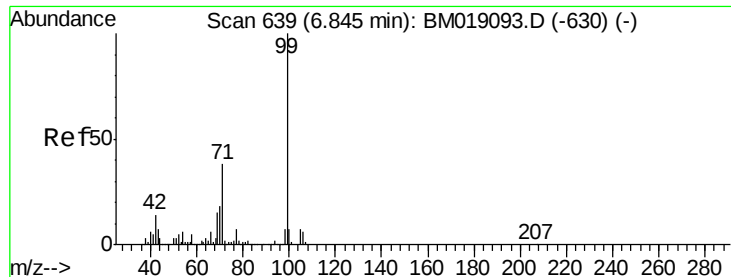


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 151.229 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

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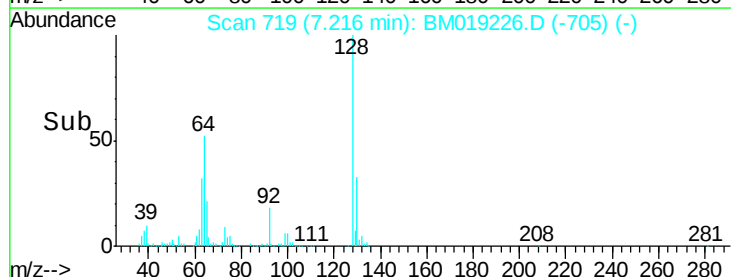
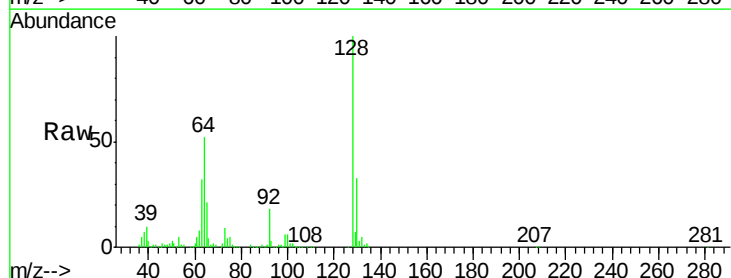
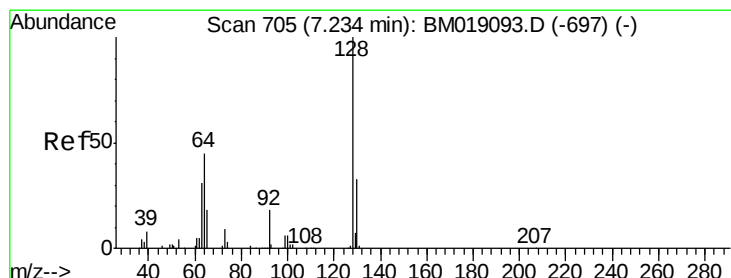
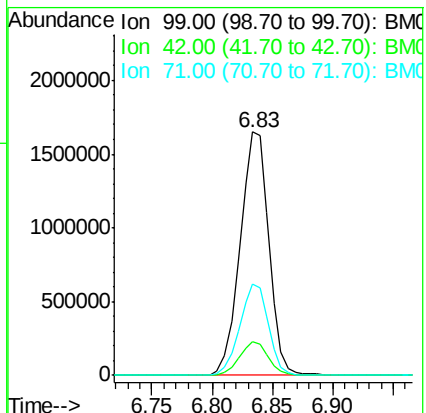
Tgt Ion: 99 Resp: 2737443

Ion Ratio Lower Upper

99 100

42 13.8 10.9 16.3

71 37.7 30.3 45.5



#8

2-Chlorophenol

Concen: 44.055 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

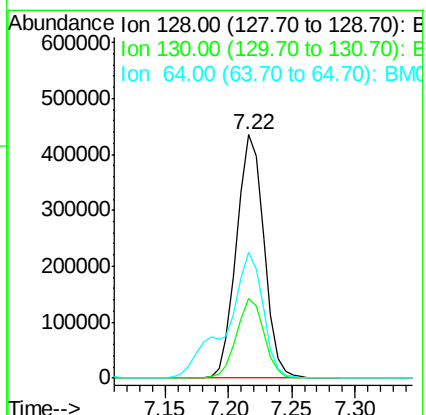
Tgt Ion: 128 Resp: 655155

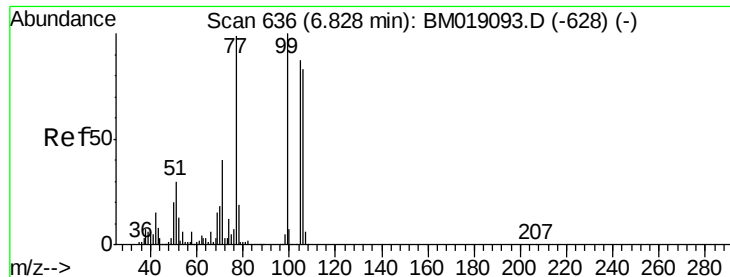
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 51.6 30.8 70.8





#9

Benzaldehyde

Concen: 20.845 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM019226.D

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ClientSampleId :

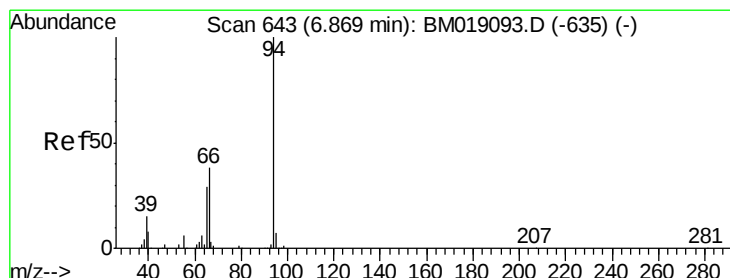
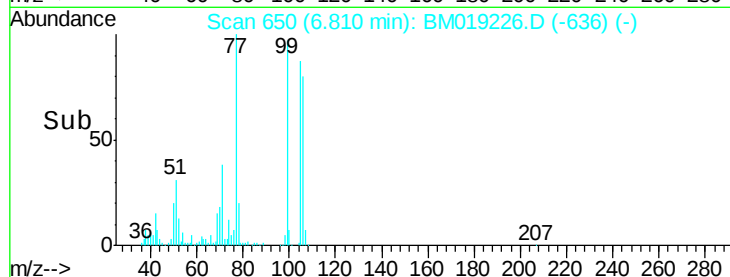
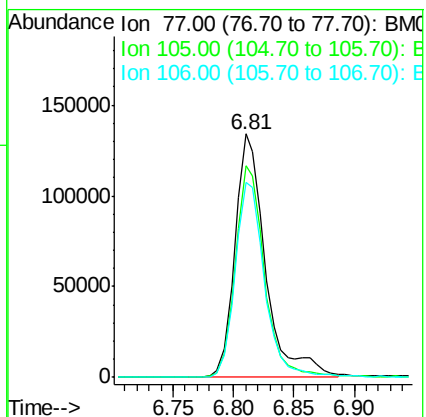
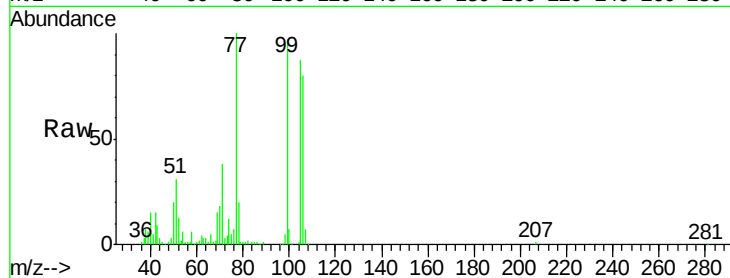
Tgt Ion: 77 Resp: 237335

Ion Ratio Lower Upper

77 100

105 86.8 67.7 107.7

106 80.0 64.1 104.1



#10

Phenol

Concen: 48.421 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

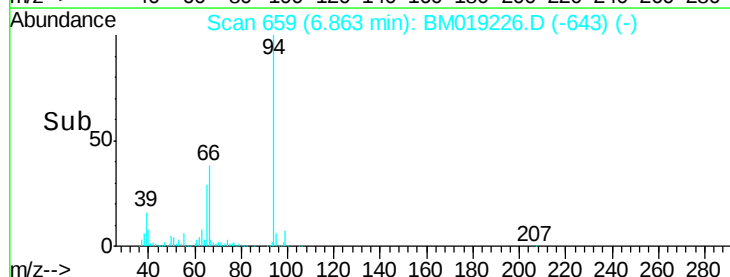
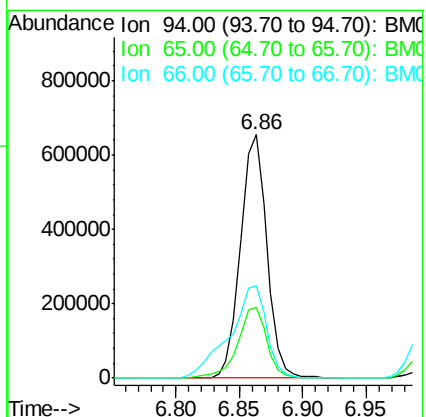
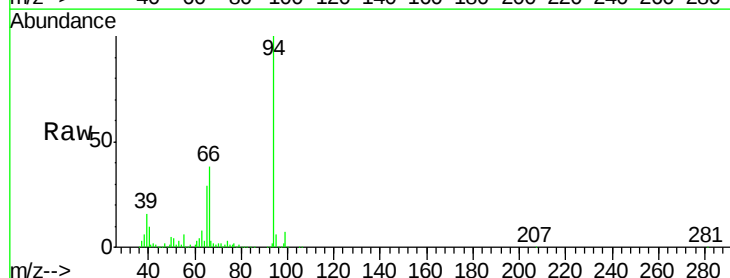
Tgt Ion: 94 Resp: 944598

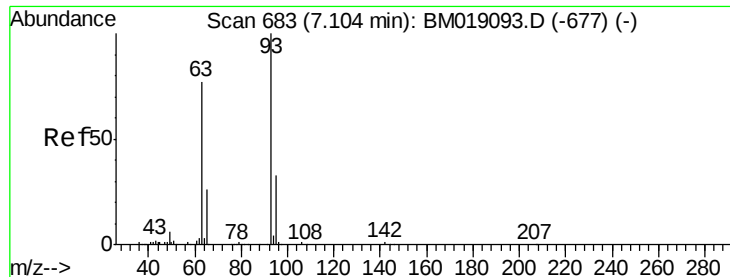
Ion Ratio Lower Upper

94 100

65 28.9 9.7 49.7

66 38.0 19.2 59.2

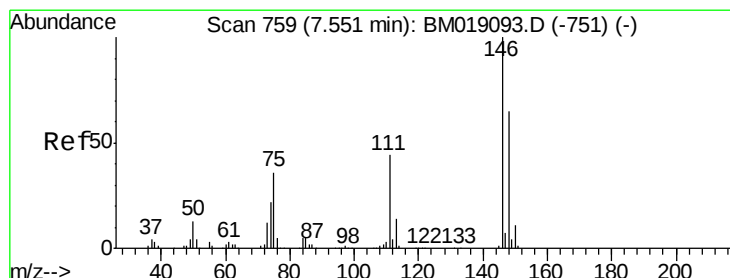
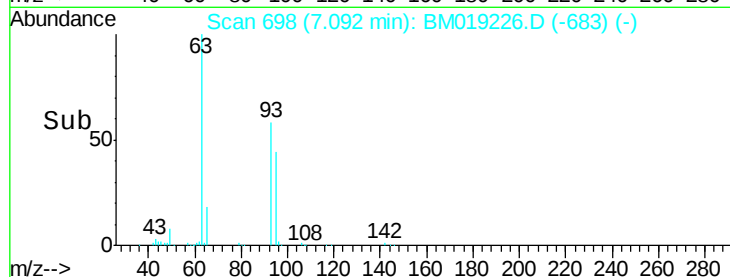
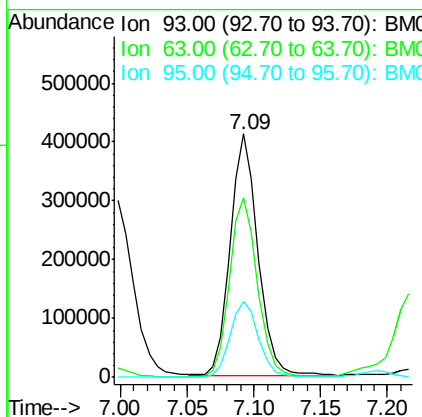
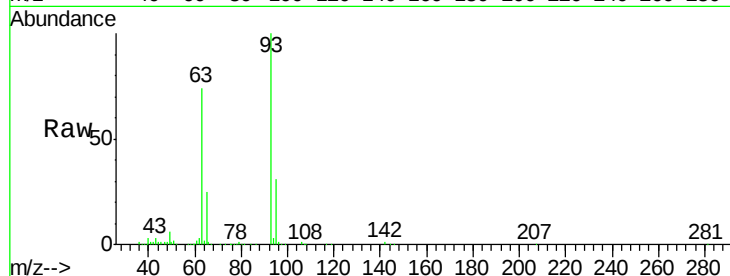




#11
bis(2-Chloroethyl)ether
Concen: 39.745 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

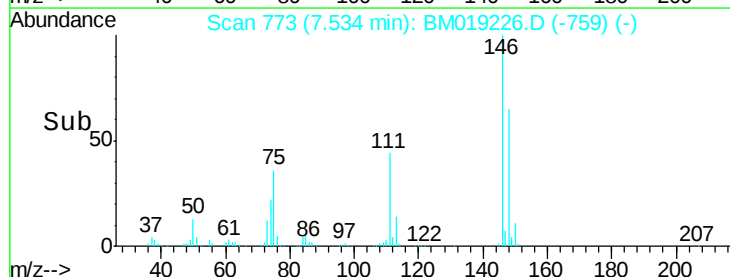
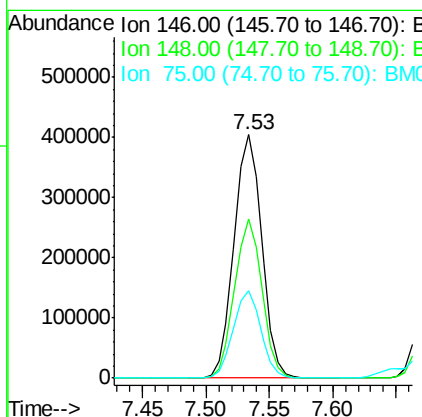
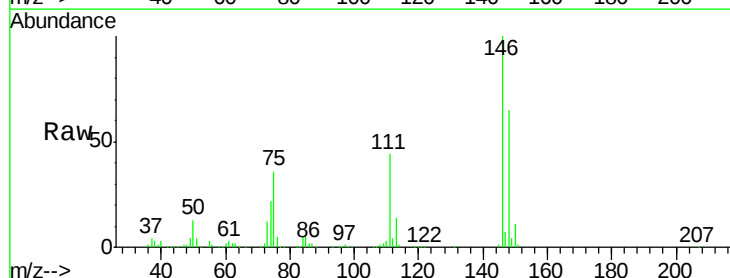
Instrument :
BNA_M
ClientSampled :

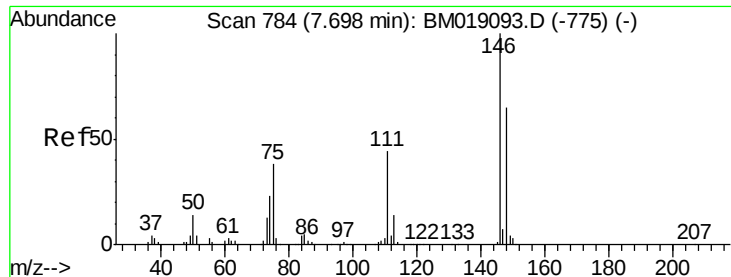
Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.6	56.6	96.6
95	31.3	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 39.037 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.7	77.5
75	35.9	29.1	43.7

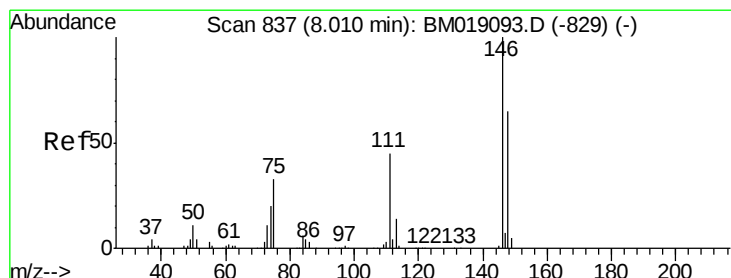
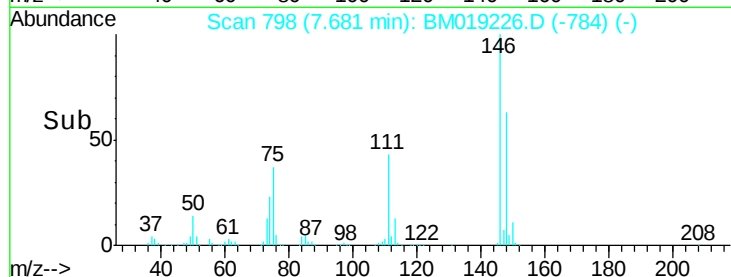
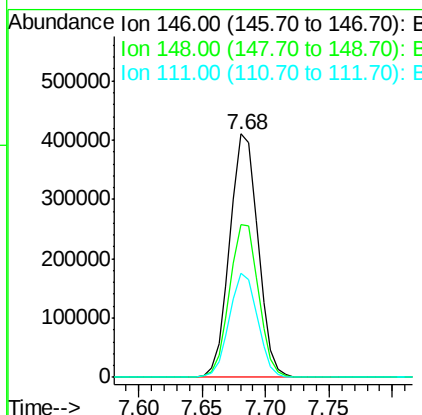
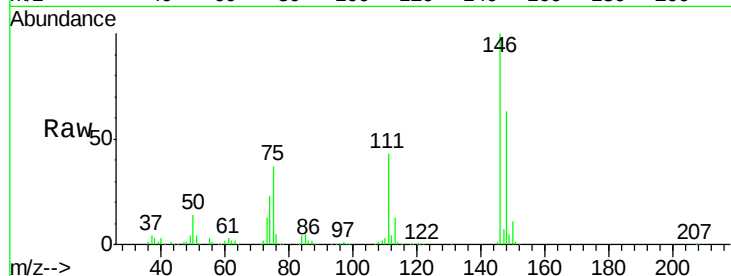




#13
 1,4-Dichlorobenzene
 Concen: 39.558 ng
 RT: 7.68 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

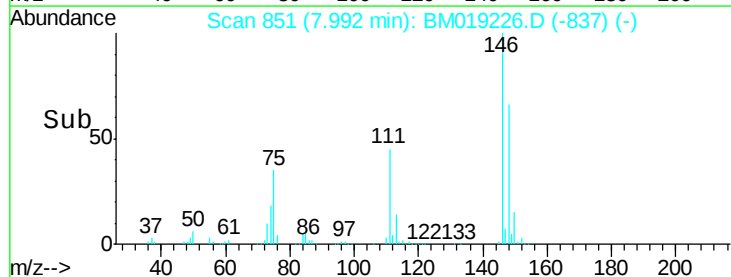
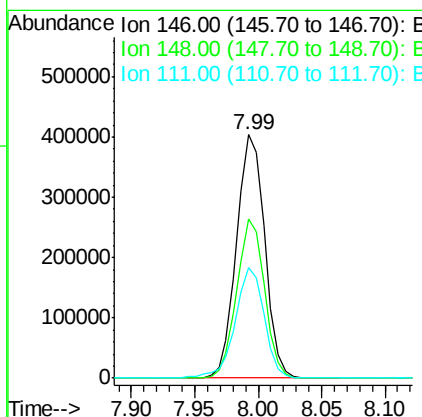
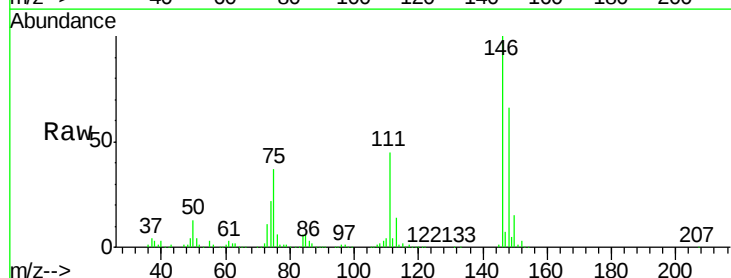
Instrument :
 BNA_M
 ClientSampled :

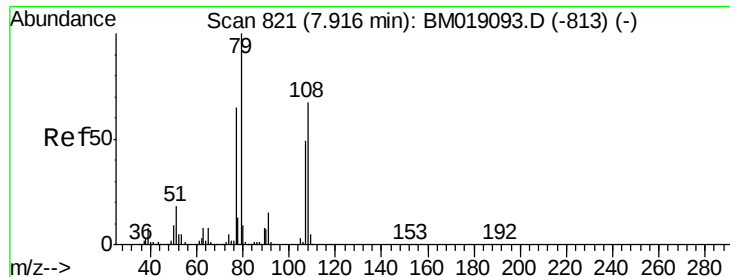
Tgt Ion:146 Resp: 634699
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.6
 111 42.5 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 39.874 ng
 RT: 7.99 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion:146 Resp: 622442
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.8 77.6
 111 45.2 36.2 54.4





#15

Benzyl Alcohol

Concen: 42.727 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

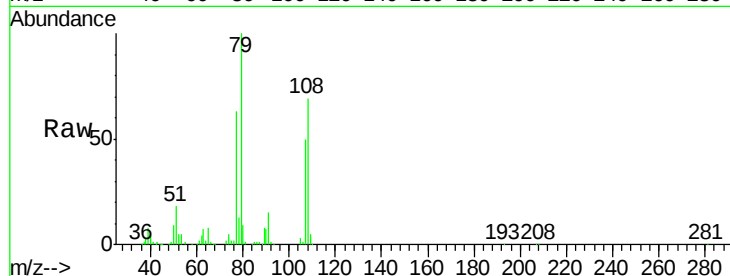
Tgt Ion: 79 Resp: 640114

Ion Ratio Lower Upper

79 100

108 68.9 53.7 80.5

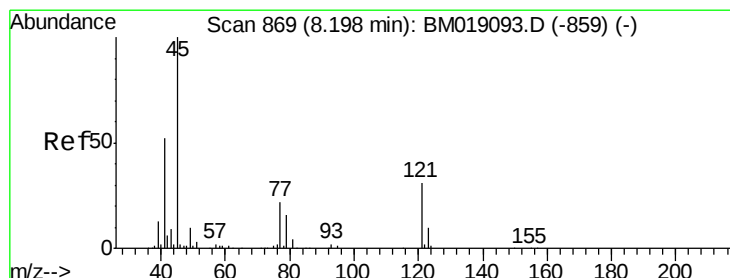
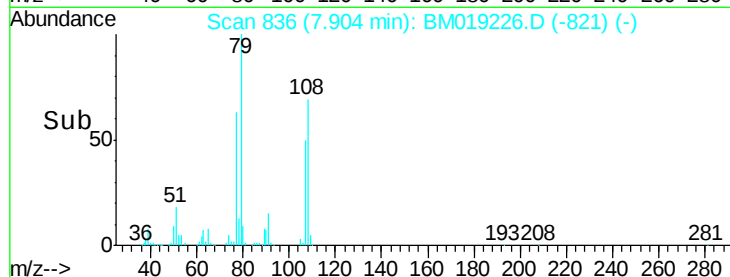
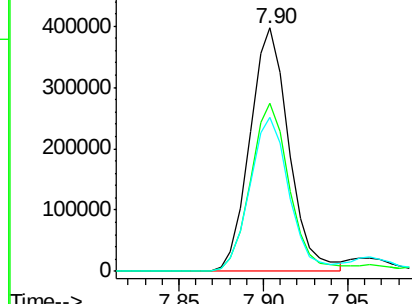
77 63.3 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-813) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.620 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

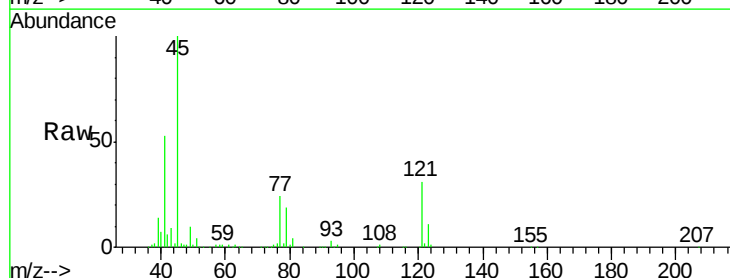
Tgt Ion: 45 Resp: 587008

Ion Ratio Lower Upper

45 100

77 24.3 4.1 44.1

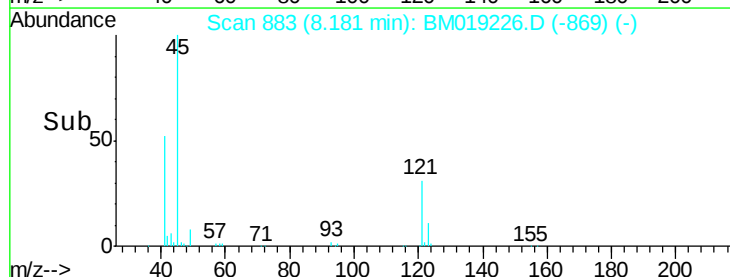
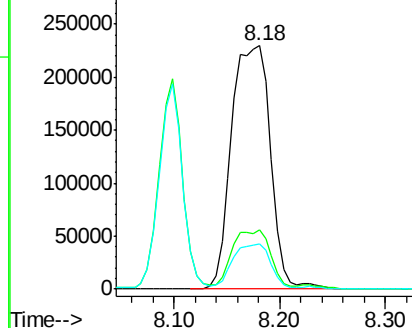
79 18.7 0.0 38.1



Abundance Ion 45.00 (44.70 to 45.70): BM019093.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-859) (-)

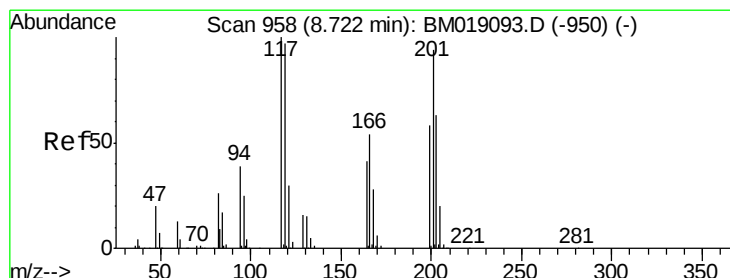
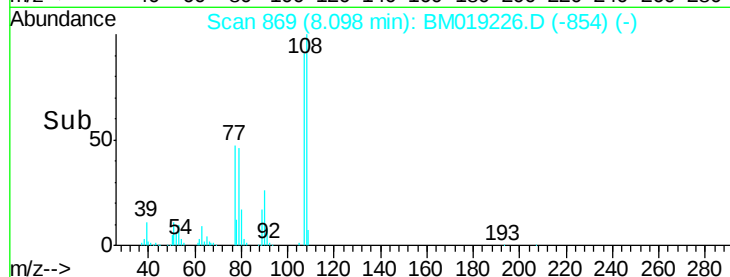
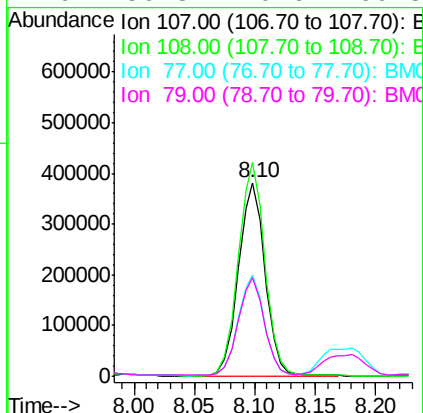
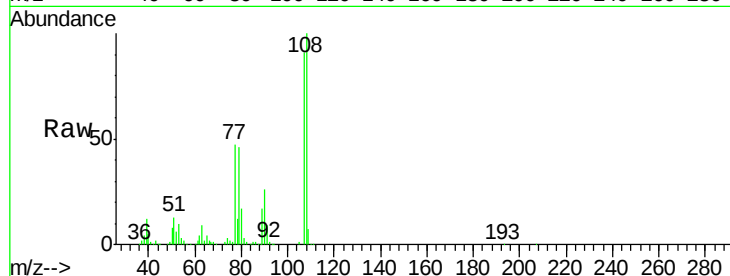




#17
2-Methylphenol
Concen: 46.051 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

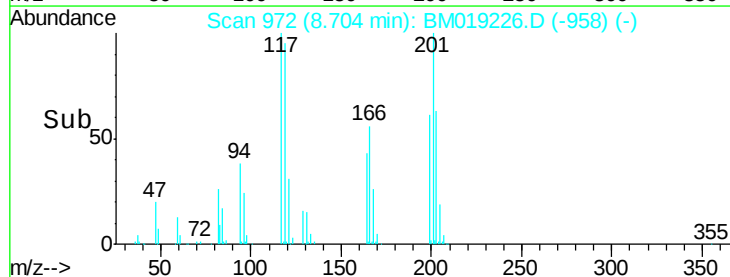
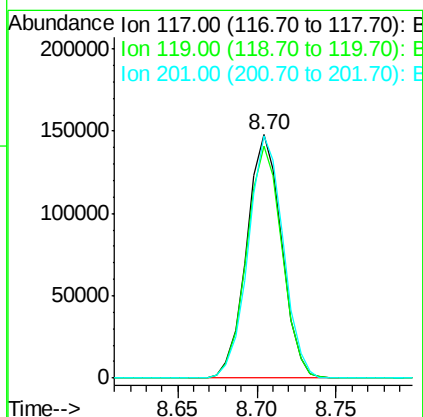
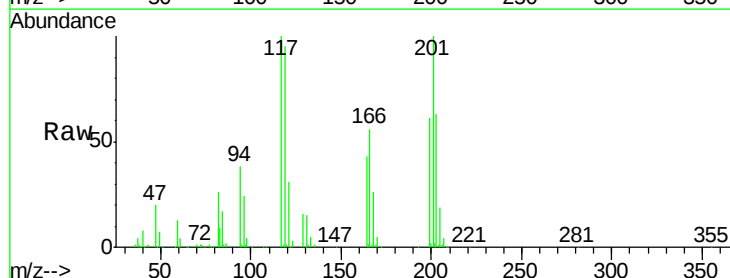
Instrument :
BNA_M
ClientSampleId :

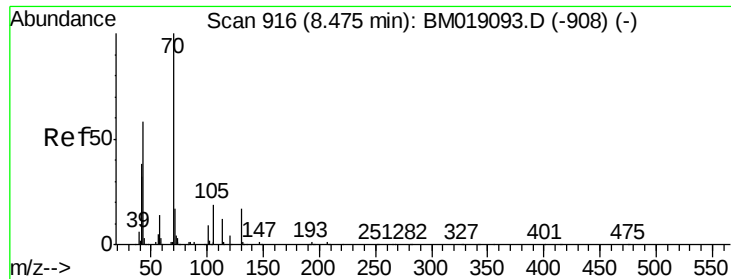
Tgt Ion:	107	Resp:	585419
Ion	Ratio	Lower	Upper
107	100		
108	110.3	87.4	131.2
77	51.9	41.6	62.4
79	50.8	40.6	60.8



#18
Hexachloroethane
Concen: 37.944 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:	117	Resp:	226225
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.2
201	99.6	75.2	112.8

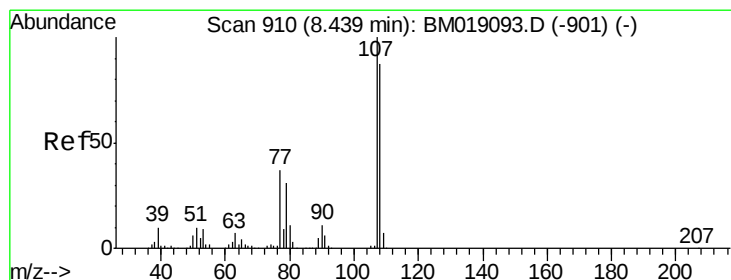
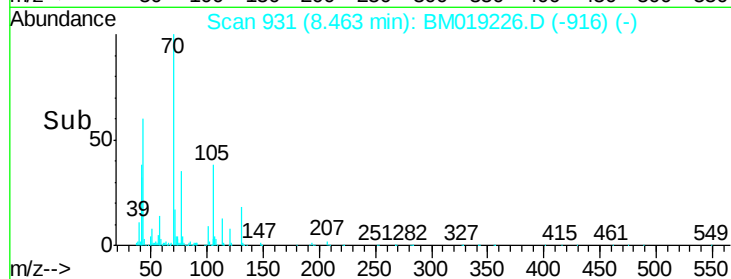
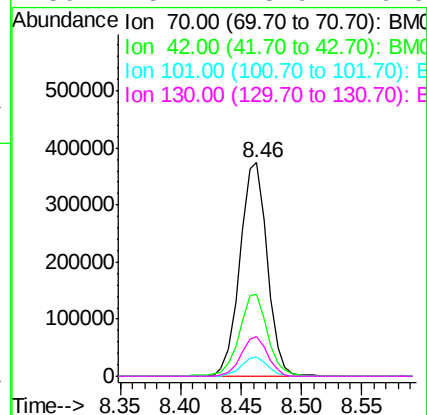
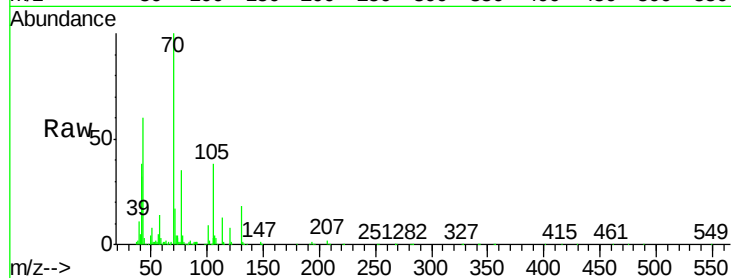




#19
n-Nitroso-di-n-propylamine
Concen: 39.826 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

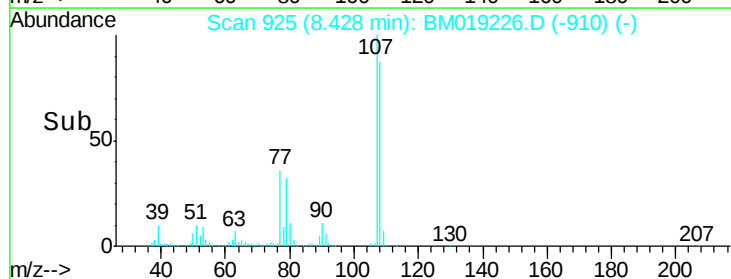
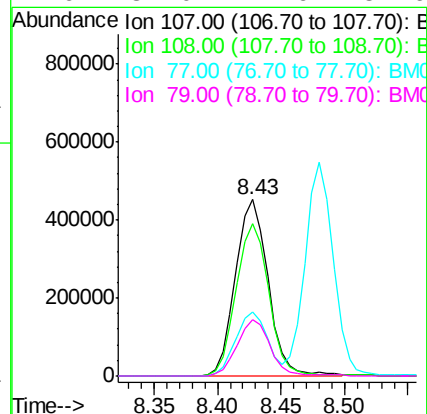
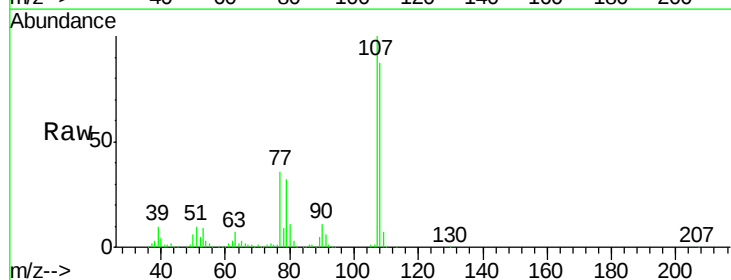
Instrument :
BNA_M
ClientSampleId :

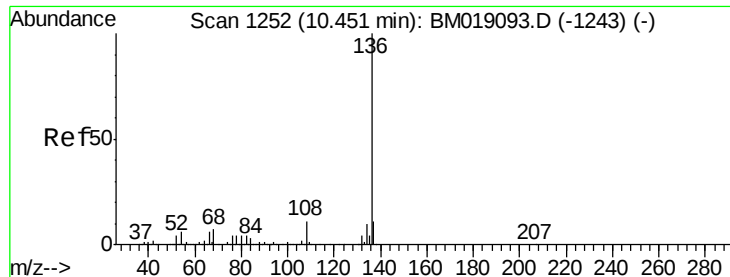
Tgt Ion:	70	Resp:	591436
Ion	Ratio	Lower	Upper
70	100		
42	38.2	30.6	45.8
101	9.0	6.8	10.2
130	18.4	13.9	20.9



#20
3+4-Methylphenols
Concen: 47.075 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:	107	Resp:	812306
Ion	Ratio	Lower	Upper
107	100		
108	86.6	67.0	107.0
77	36.2	17.3	57.3
79	32.0	11.6	51.6

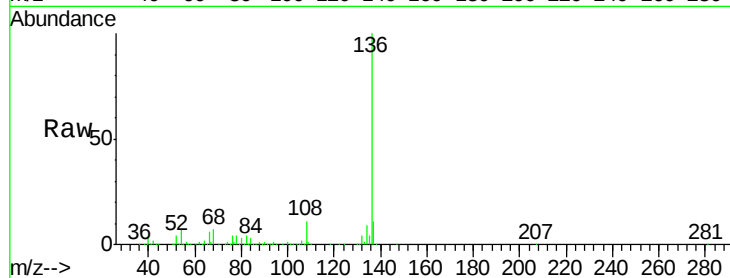




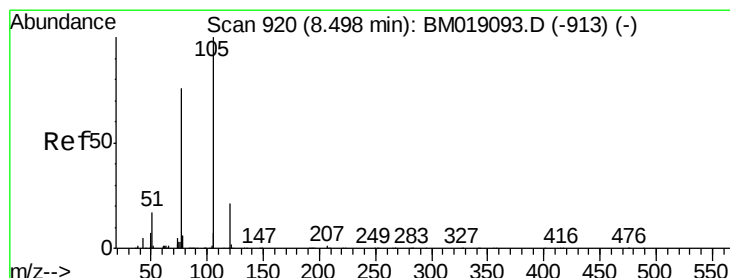
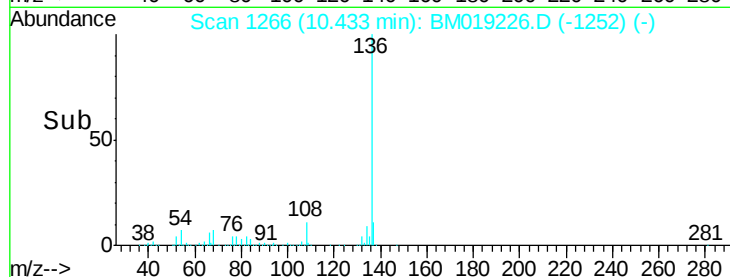
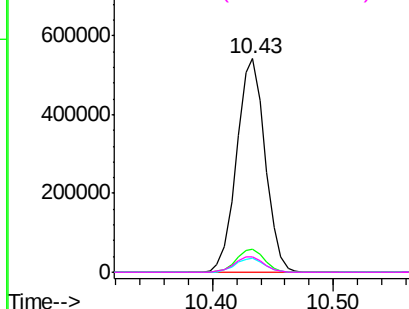
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:	136	Resp:	891011
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.7	5.2	7.8
68	7.4	5.8	8.8

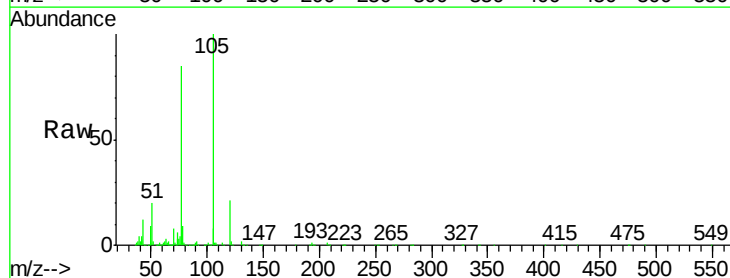


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

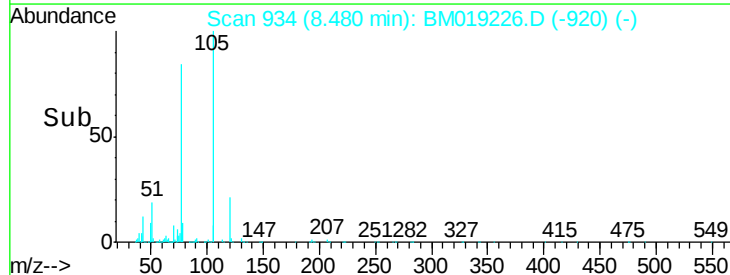
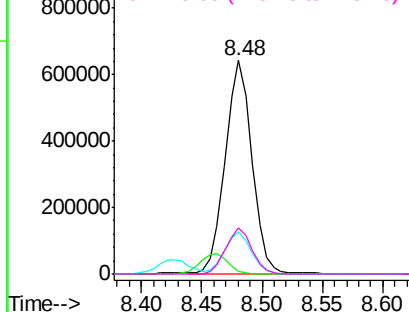


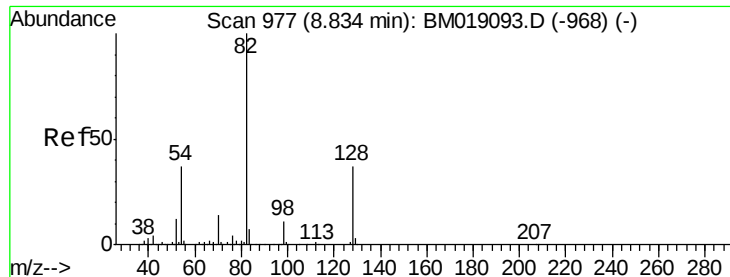
#22
Acetophenone
Concen: 39.836 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:	105	Resp:	980903
Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.8	1.2#
51	19.7	15.8	23.6
120	21.5	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

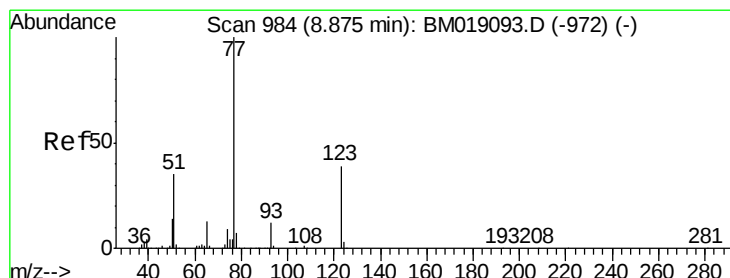
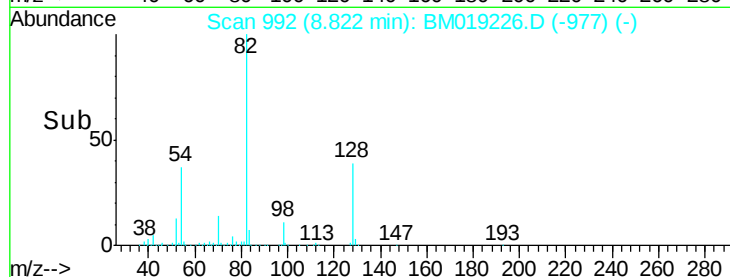
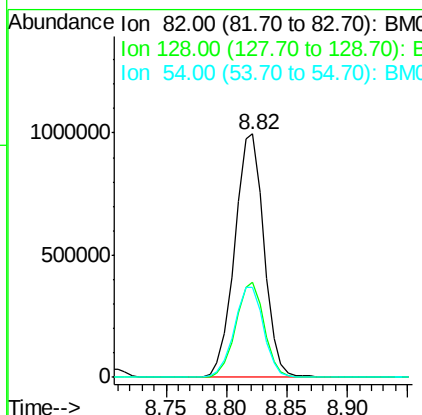
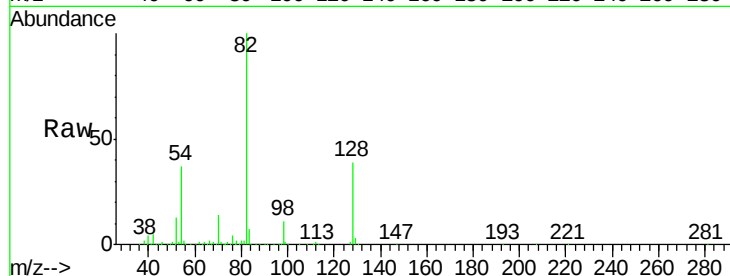




#23
 Nitrobenzene-d5
 Concen: 89.531 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

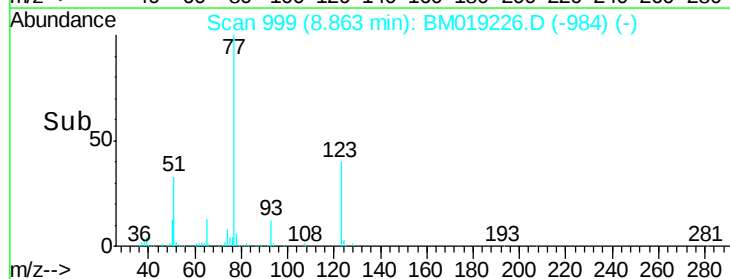
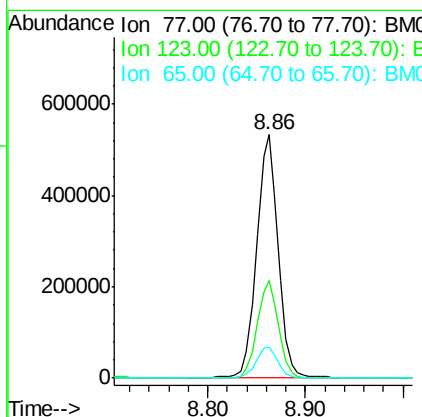
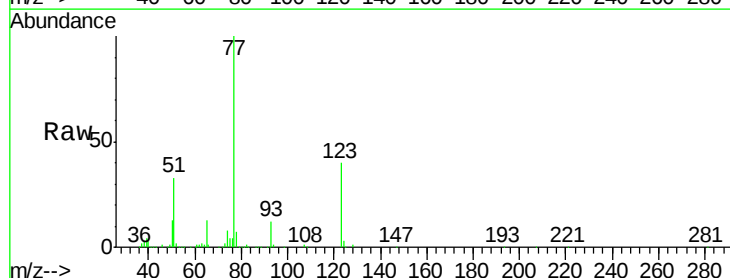
Instrument :
 BNA_M
 ClientSampled :

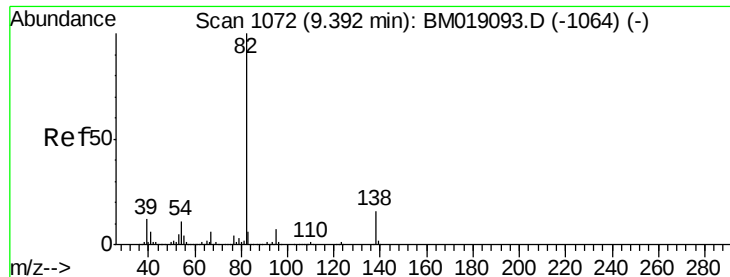
Tgt Ion: 82 Resp: 1687606
 Ion Ratio Lower Upper
 82 100
 128 39.2 29.4 44.2
 54 36.8 29.9 44.9



#24
 Nitrobenzene
 Concen: 42.136 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion: 77 Resp: 826022
 Ion Ratio Lower Upper
 77 100
 123 40.1 31.3 46.9
 65 12.7 10.5 15.7

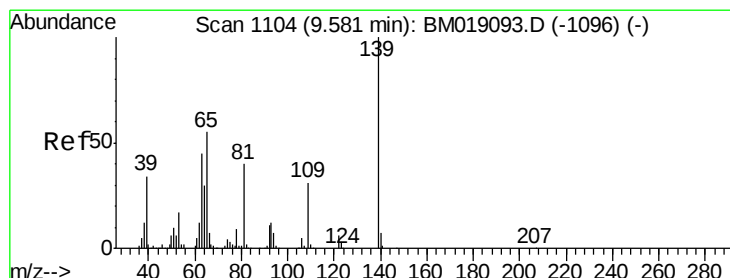
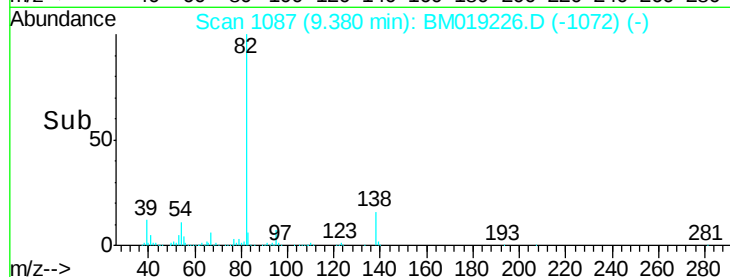
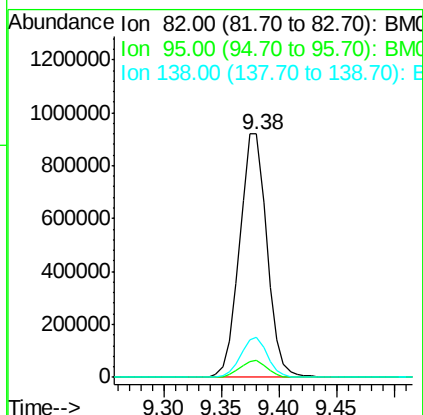
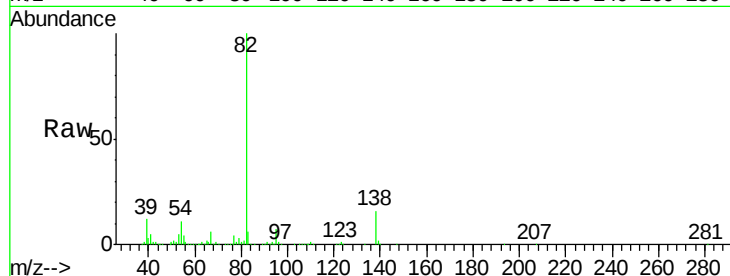




#25
Isophorone
Concen: 42.169 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

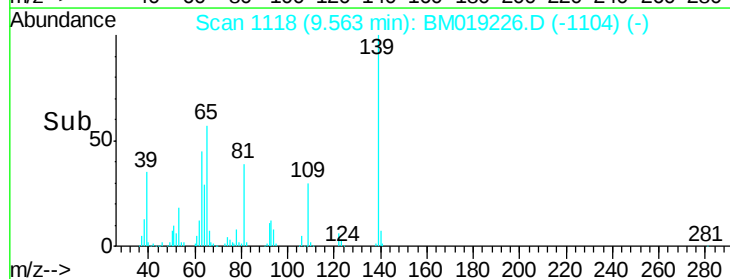
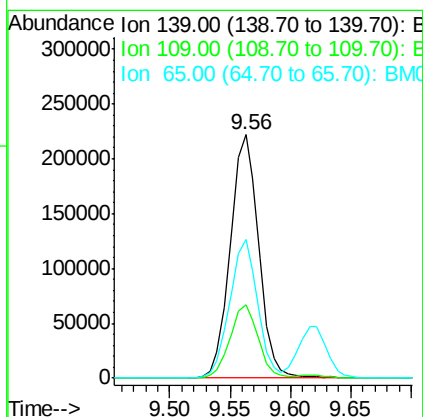
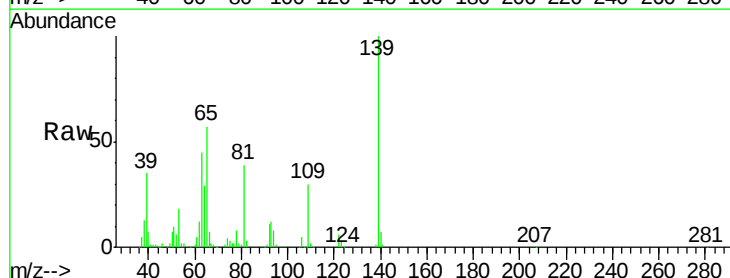
Instrument :
BNA_M
ClientSampleId :

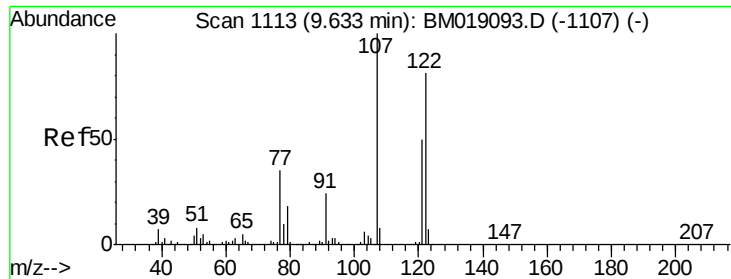
Tgt Ion: 82 Resp: 1516702
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 16.3 12.6 18.8



#26
2-Nitrophenol
Concen: 44.952 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion: 139 Resp: 365275
Ion Ratio Lower Upper
139 100
109 30.3 24.5 36.7
65 56.8 44.4 66.6

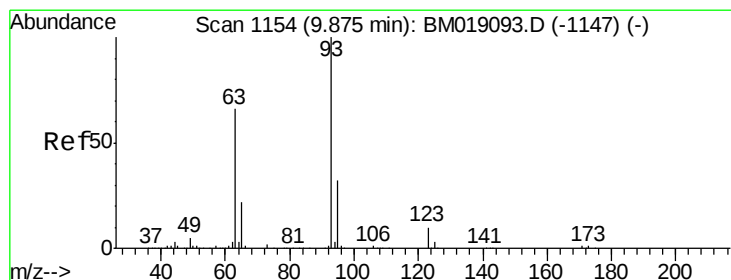
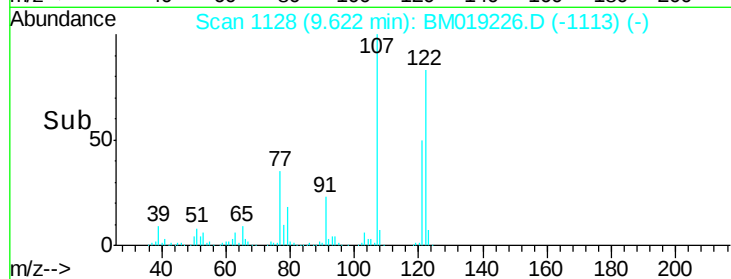
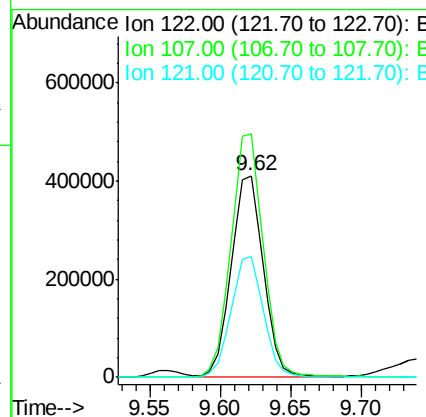
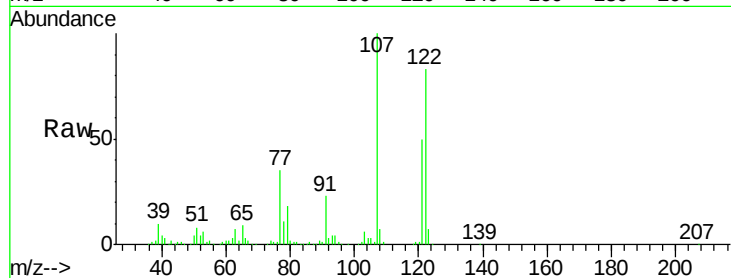




#27
 2,4-Dimethylphenol
 Concen: 53.589 ng
 RT: 9.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

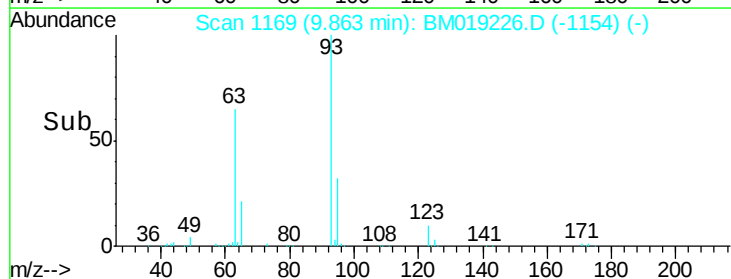
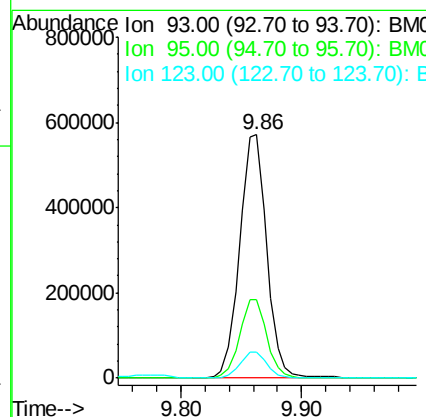
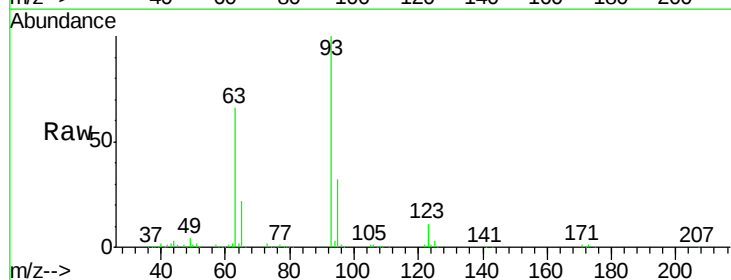
Instrument :
 BNA_M
 ClientSampleId :

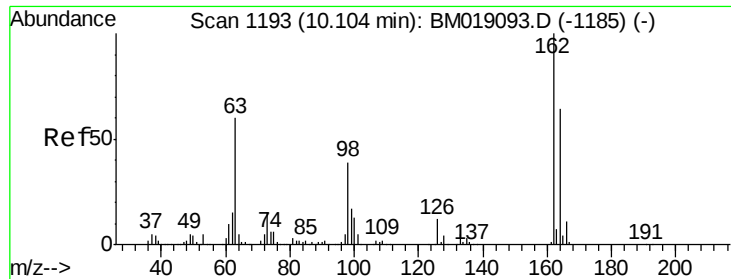
Tgt Ion:122 Resp: 647370
 Ion Ratio Lower Upper
 122 100
 107 120.6 98.2 147.4
 121 59.8 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.190 ng
 RT: 9.86 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion: 93 Resp: 898522
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.8 38.8
 123 10.7 7.9 11.9

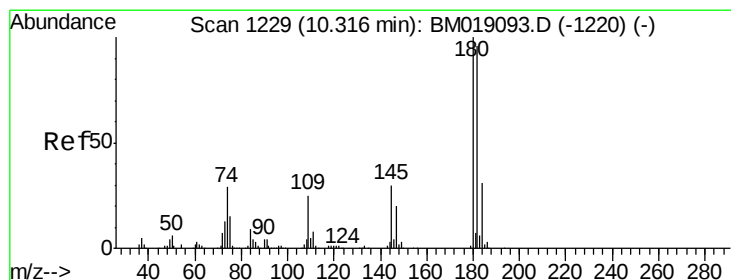
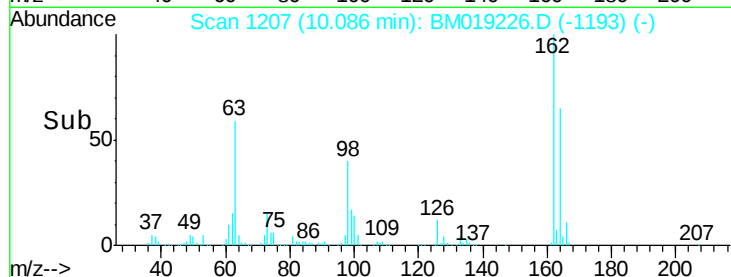
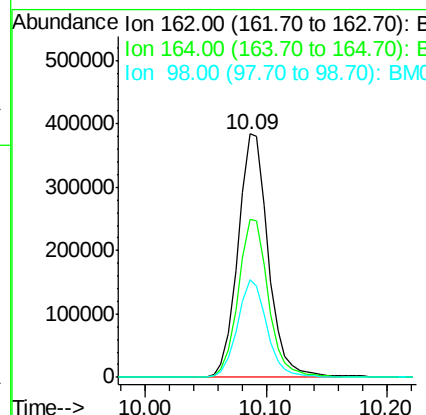
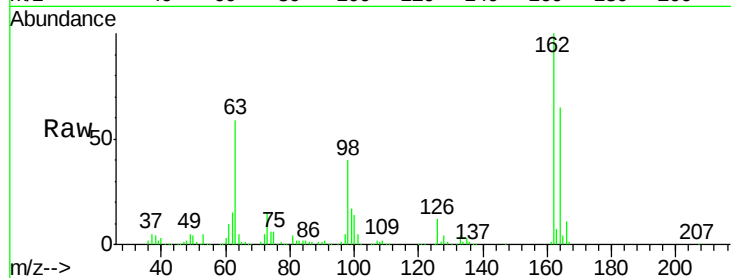




#29
 2,4-Dichlorophenol
 Concen: 50.238 ng
 RT: 10.09 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

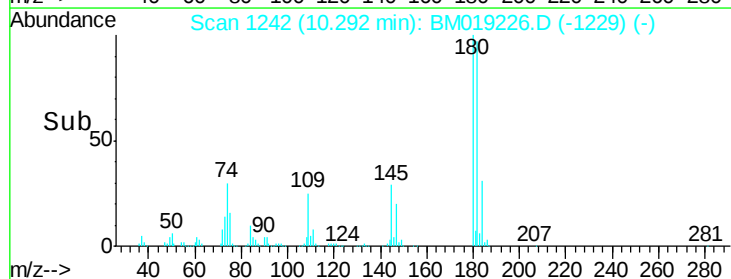
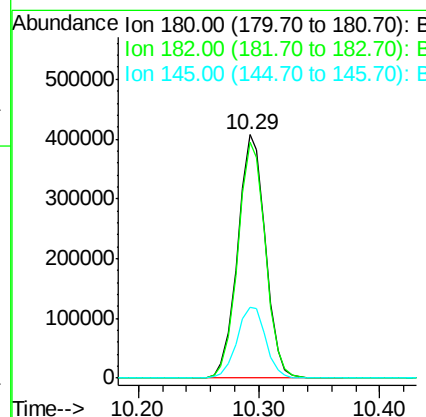
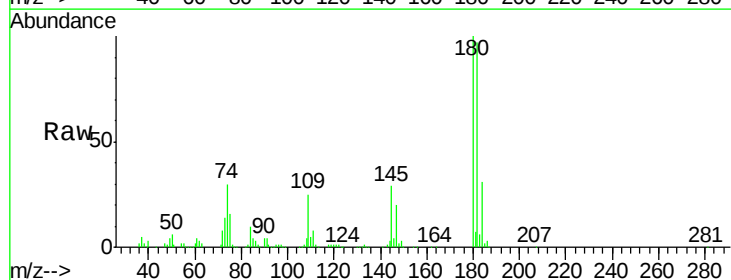
Instrument :
 BNA_M
 ClientSampled :

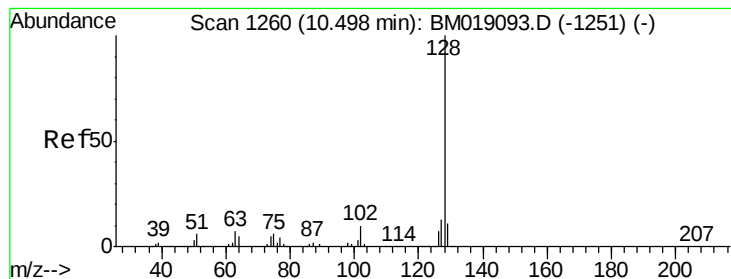
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.5	83.5
98	40.2	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.058 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.6	114.8
145	29.2	24.3	36.5





#31

Naphthalene

Concen: 42.754 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

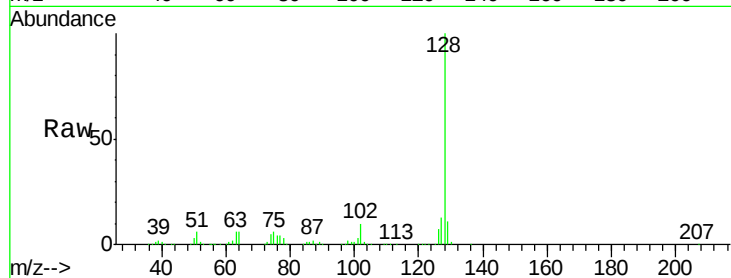
Tgt Ion:128 Resp: 2007846

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

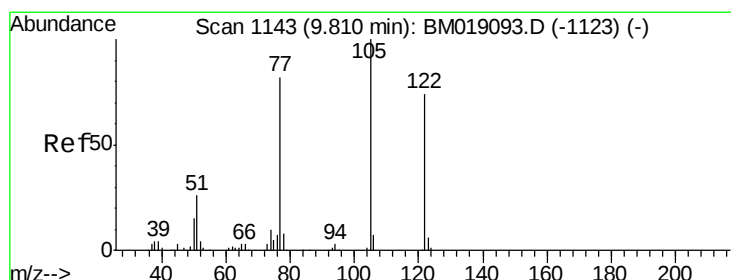
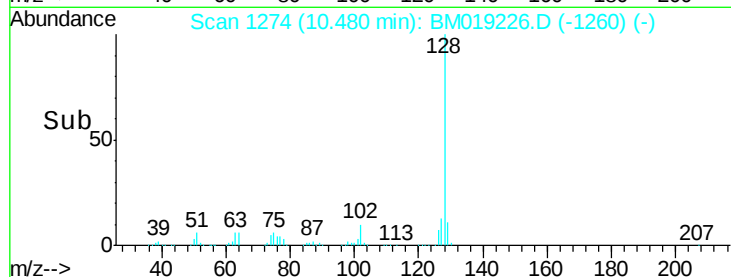
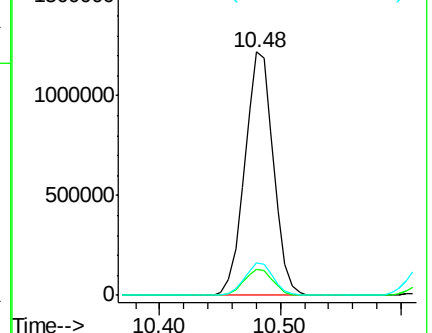
127 13.2 10.4 15.6



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: 25.531 ng

RT: 9.78 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

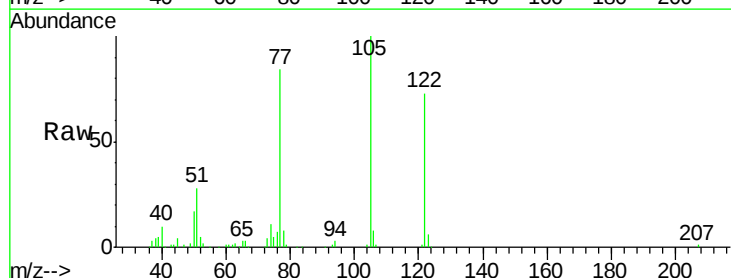
Tgt Ion:122 Resp: 261202

Ion Ratio Lower Upper

122 100

105 136.4 113.0 153.0

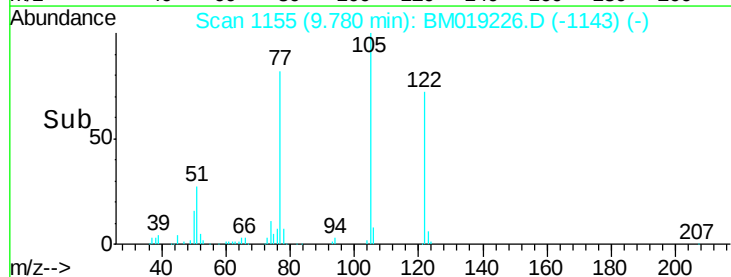
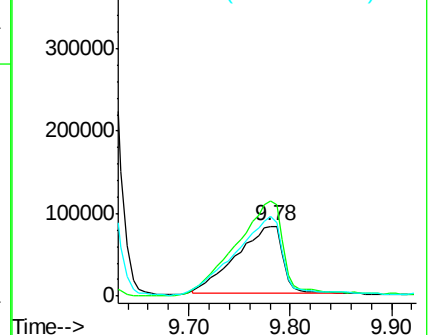
77 114.3 90.1 130.1

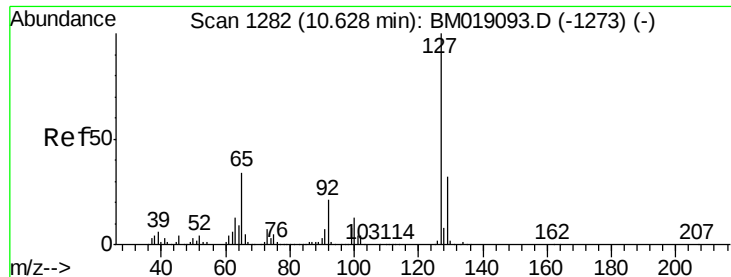


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

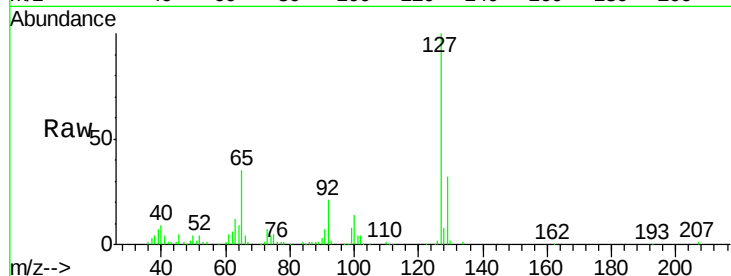




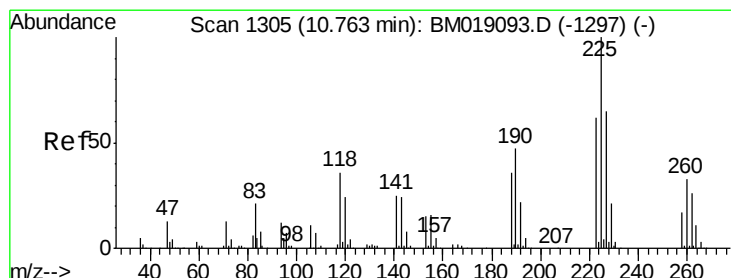
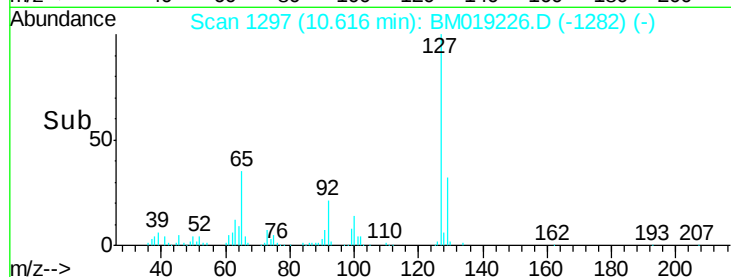
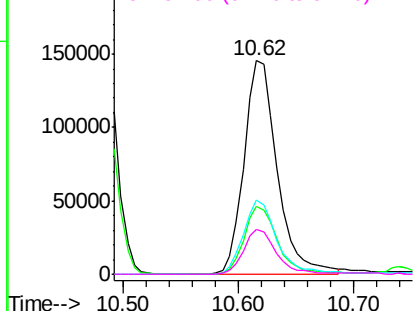
#33
4-Chloroaniline
Concen: 15.172 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:	127	Resp:	292080
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.3	37.9
65	34.6	27.4	41.2
92	21.2	16.8	25.2

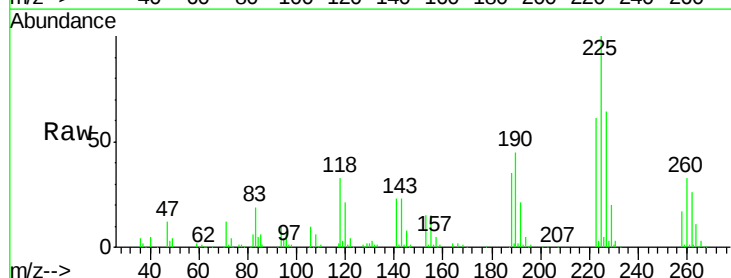


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

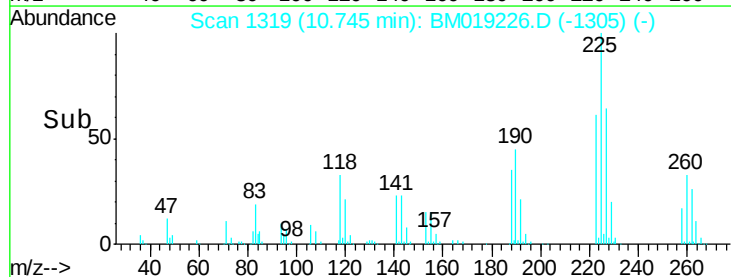
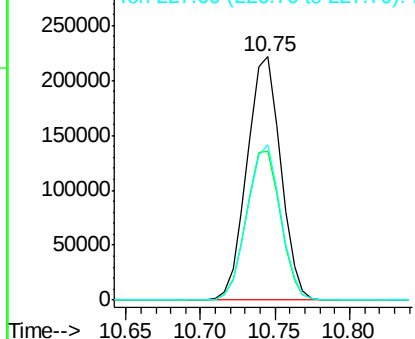


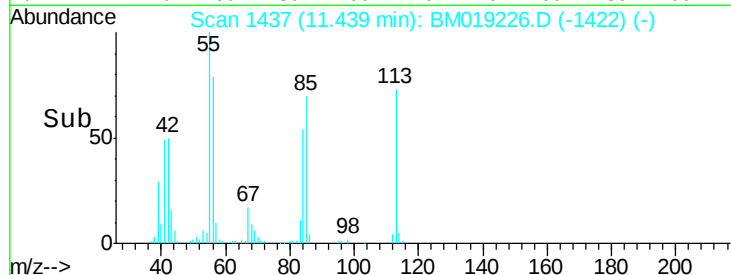
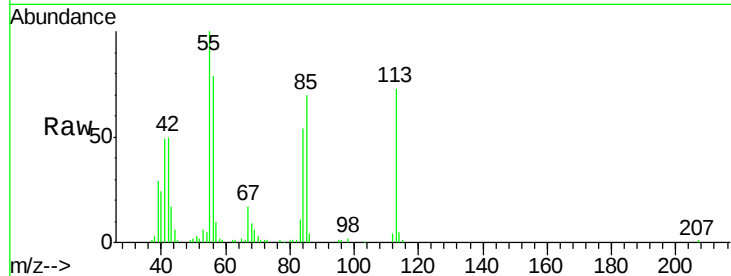
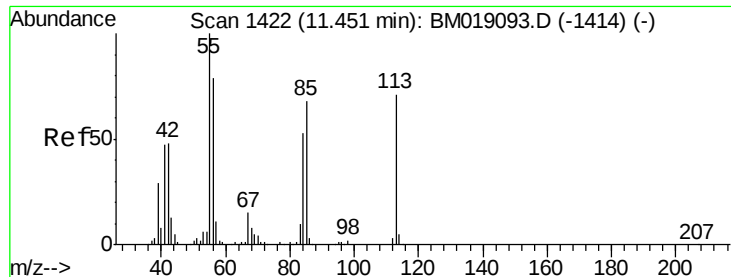
#34
Hexachlorobutadiene
Concen: 40.021 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:	225	Resp:	346479
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.4	74.0
227	64.0	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

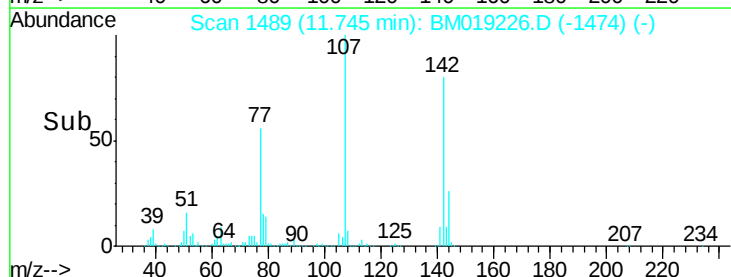
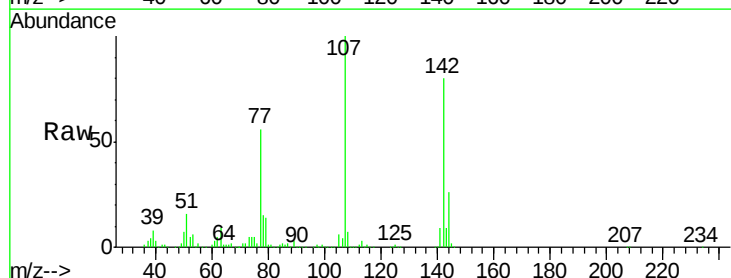
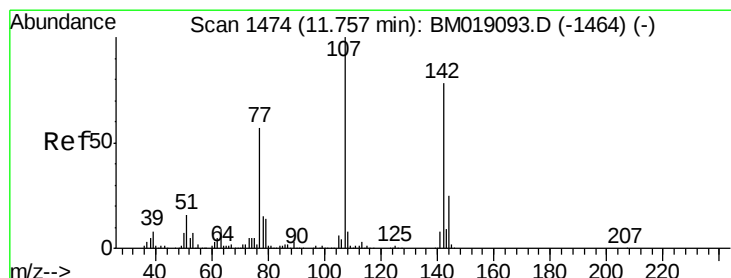
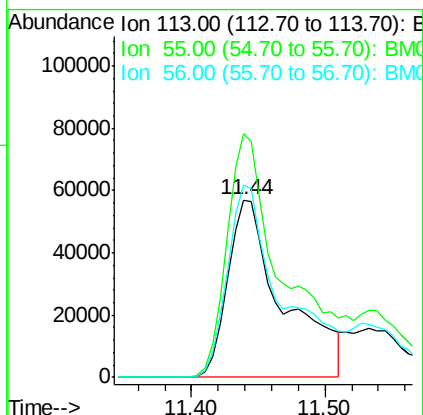




#35
Caprolactam
Concen: 34.582 ng
RT: 11.44 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

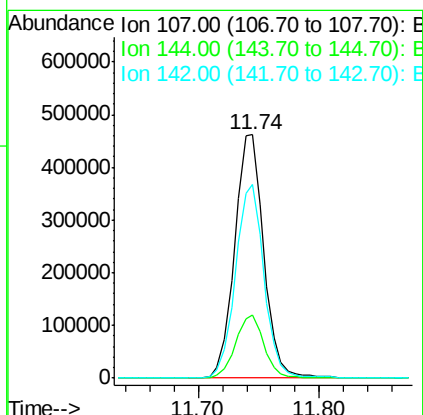
Instrument :
BNA_M
ClientSampleId :

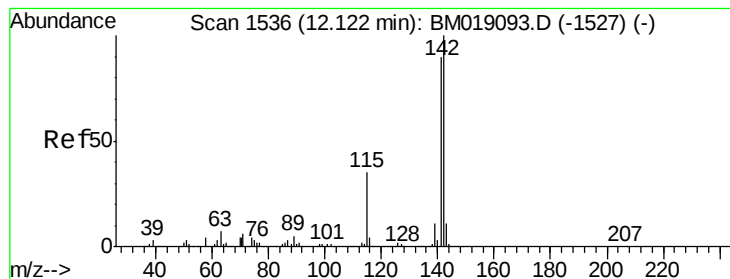
Tgt Ion:113 Resp: 164818
Ion Ratio Lower Upper
113 100
55 137.2 120.1 160.1
56 108.6 90.1 130.1



#36
4-Chloro-3-methylphenol
Concen: 47.024 ng
RT: 11.74 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:107 Resp: 776286
Ion Ratio Lower Upper
107 100
144 26.0 20.2 30.4
142 79.8 62.4 93.6





#37

2-Methylnaphthalene

Concen: 45.087 ng

RT: 12.10 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

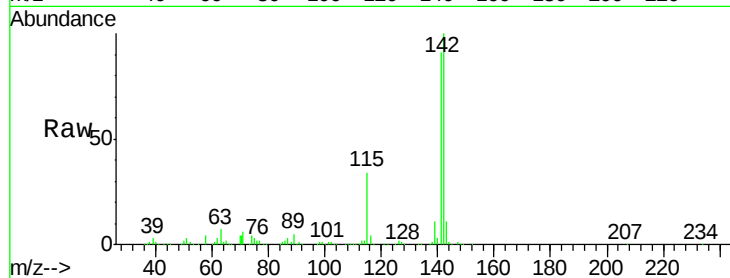
Tgt Ion:142 Resp: 1538688

Ion Ratio Lower Upper

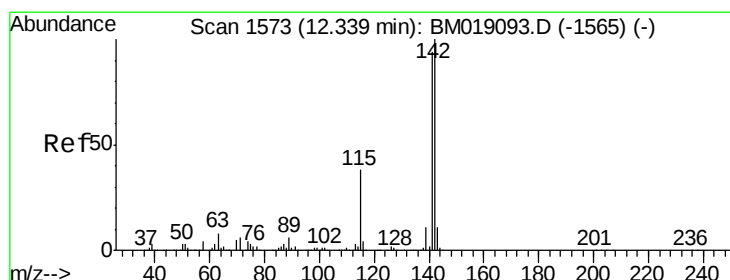
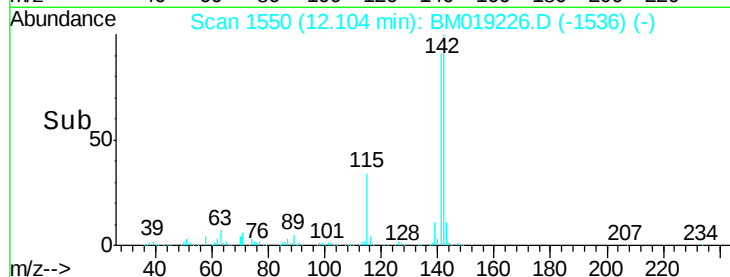
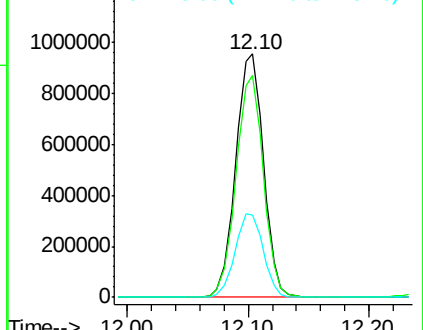
142 100

141 90.9 72.3 108.5

115 34.1 27.8 41.8



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



#38

1-Methylnaphthalene

Concen: 43.792 ng

RT: 12.32 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

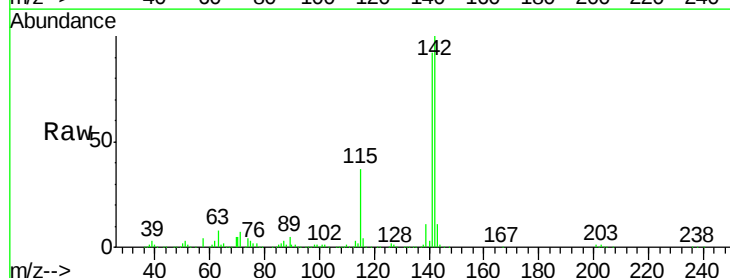
Tgt Ion:142 Resp: 1473059

Ion Ratio Lower Upper

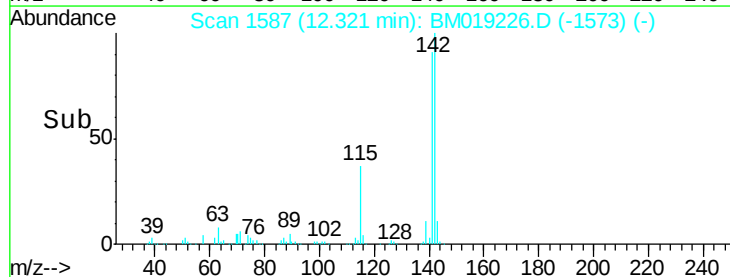
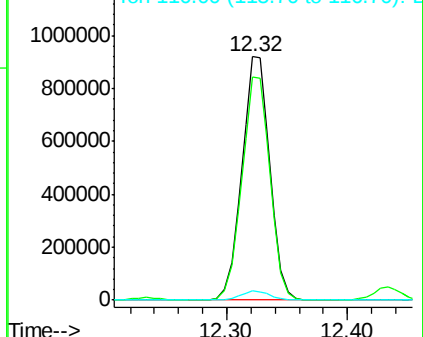
142 100

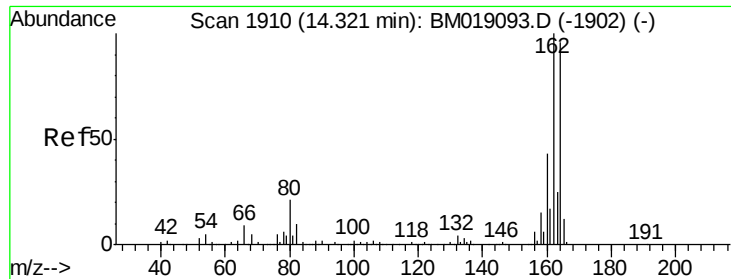
141 91.6 74.9 112.3

116 3.8 3.2 4.8



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

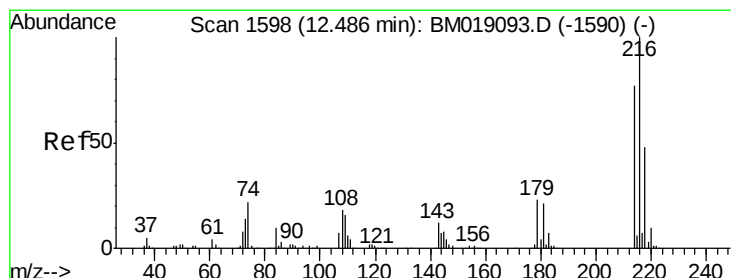
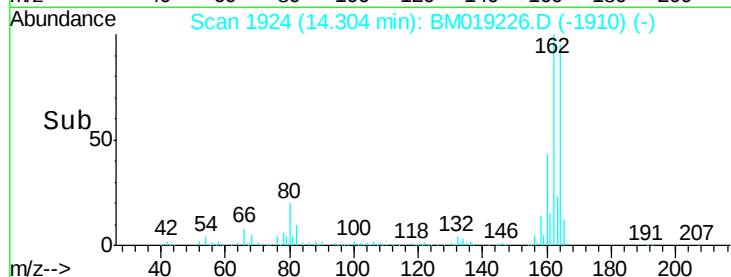
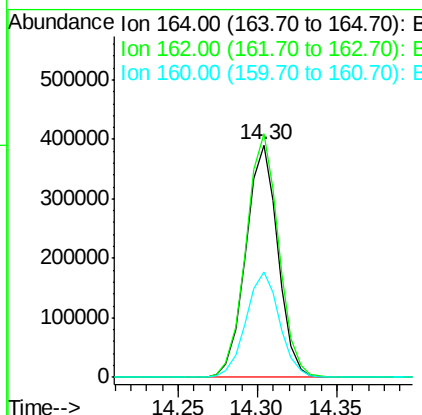
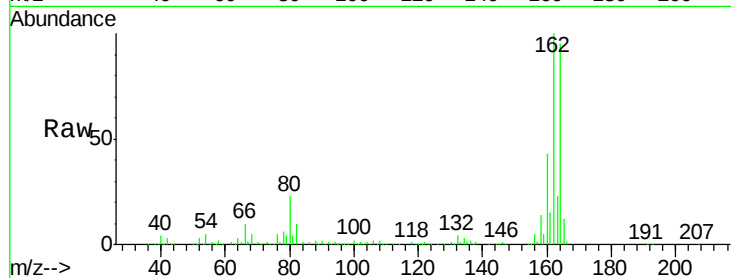




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

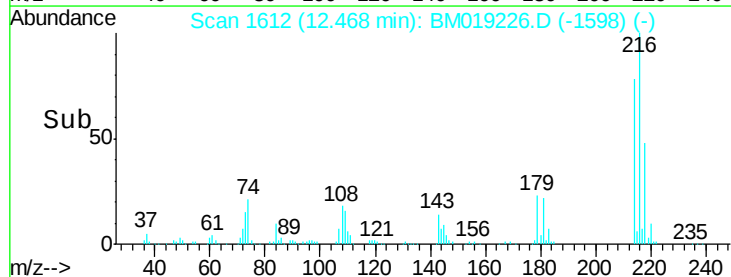
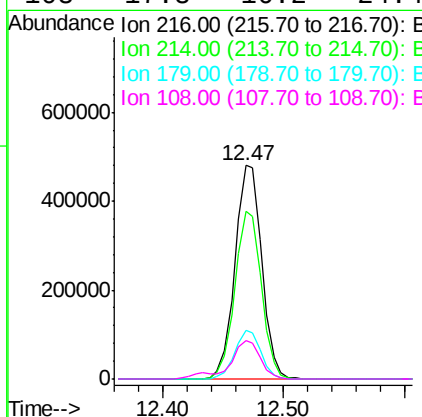
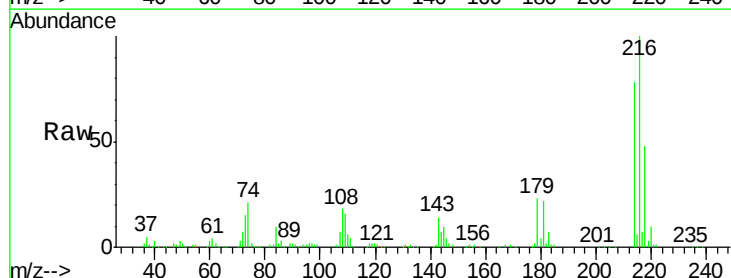
Instrument :
BNA_M
ClientSampleId :

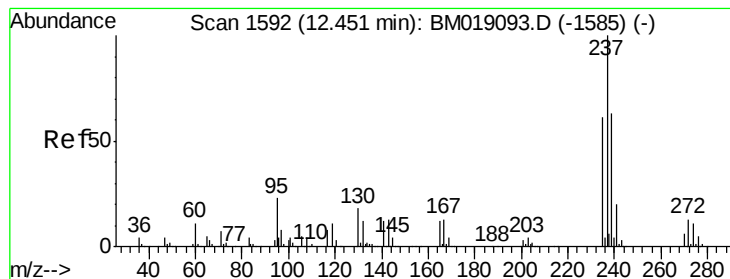
Tgt Ion:164 Resp: 546956
Ion Ratio Lower Upper
164 100
162 104.9 83.5 125.3
160 45.2 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.944 ng
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:216 Resp: 743005
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 22.3 18.0 27.0
108 17.8 16.2 24.4





#41

Hexachlorocyclopentadiene

Concen: 78.215 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

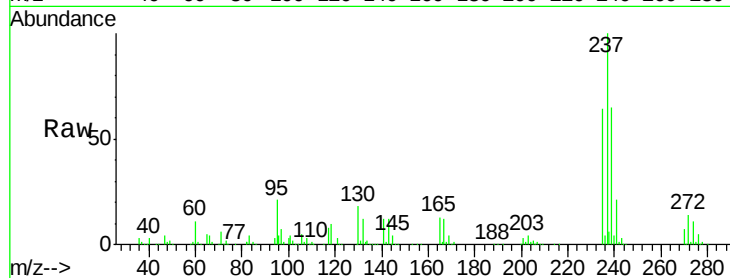
Tgt Ion:237 Resp: 612966

Ion Ratio Lower Upper

237 100

235 63.8 41.3 81.3

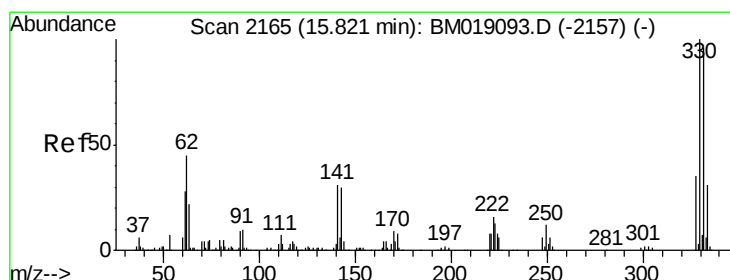
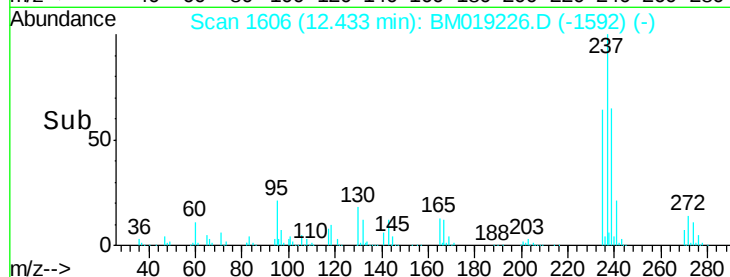
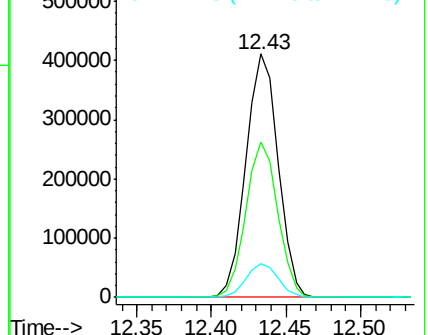
272 13.9 0.0 33.1



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: 150.413 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

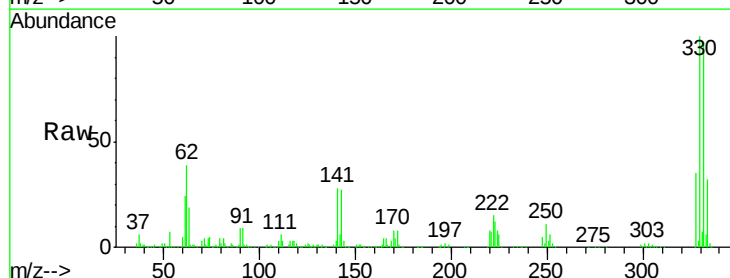
Tgt Ion:330 Resp: 1214678

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

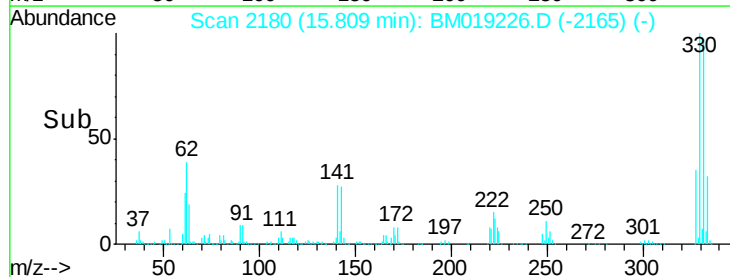
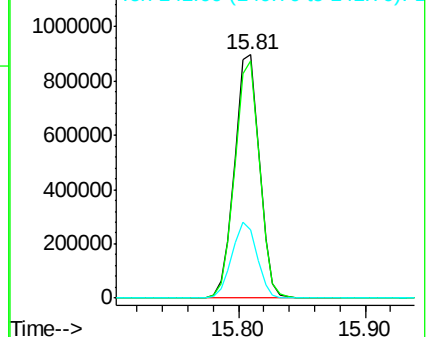
141 31.6 27.0 40.4



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

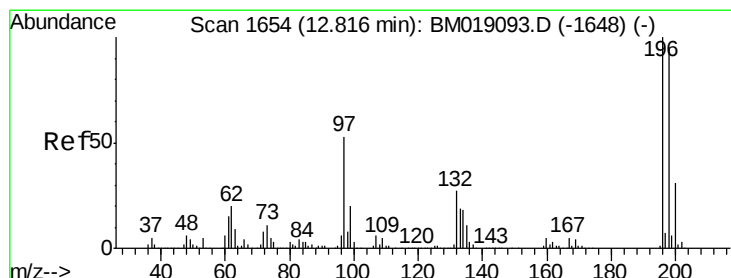
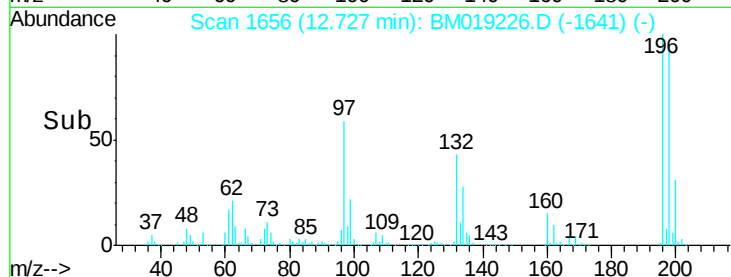
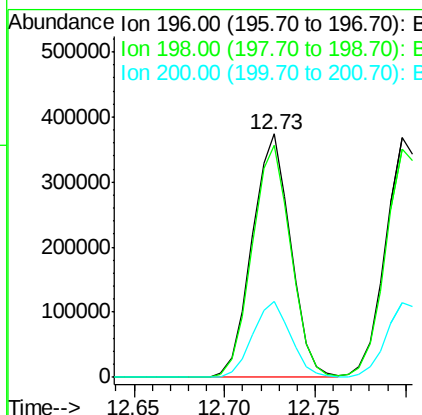
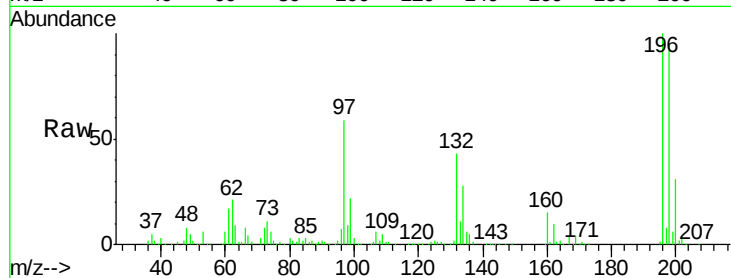




#43
 2,4,6-Trichlorophenol
 Concen: 49.244 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

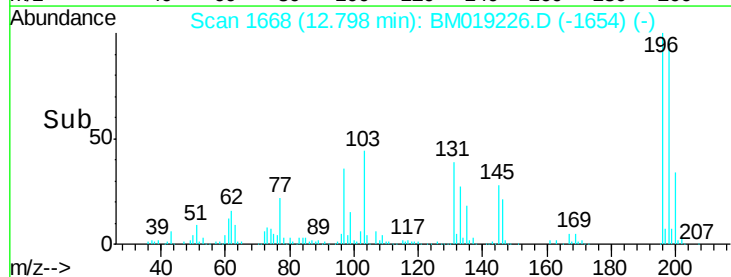
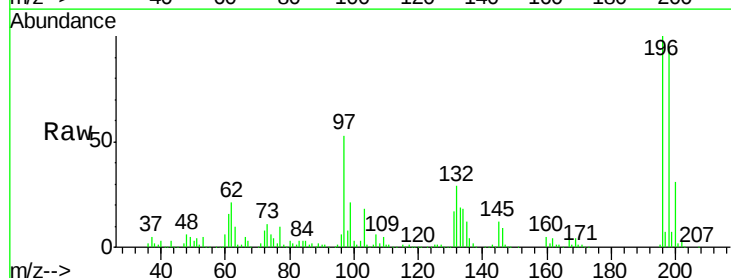
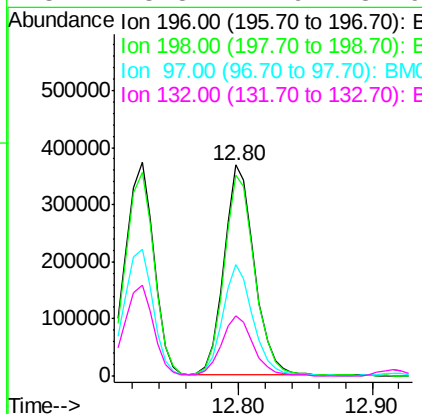
Instrument :
 BNA_M
 ClientSampled :

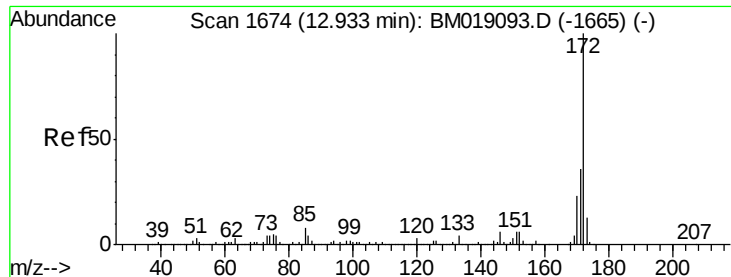
Tgt Ion:196 Resp: 550602
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.4 113.0
 200 31.1 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 48.860 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion:196 Resp: 584181
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.9 113.9
 97 52.8 42.5 63.7
 132 28.8 21.9 32.9

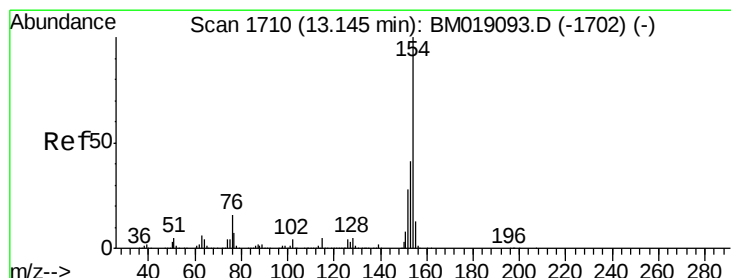
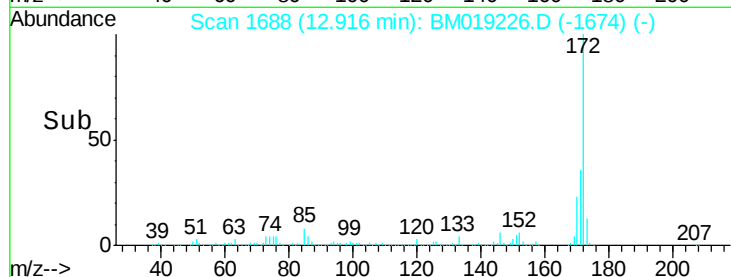
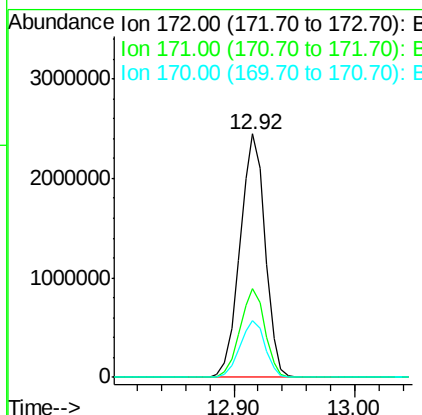
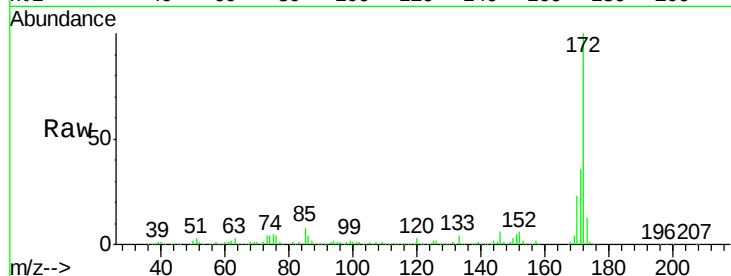




#45
 2-Fluorobiphenyl
 Concen: 84.371 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

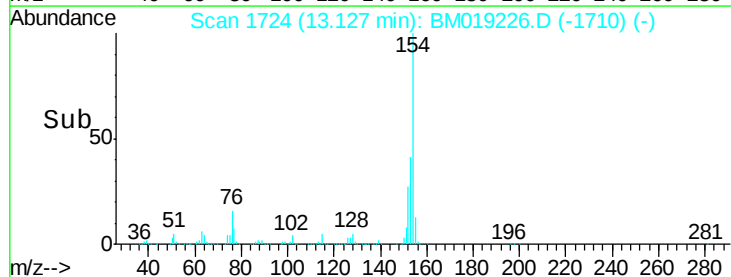
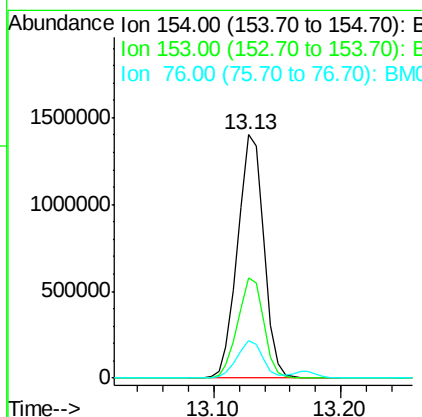
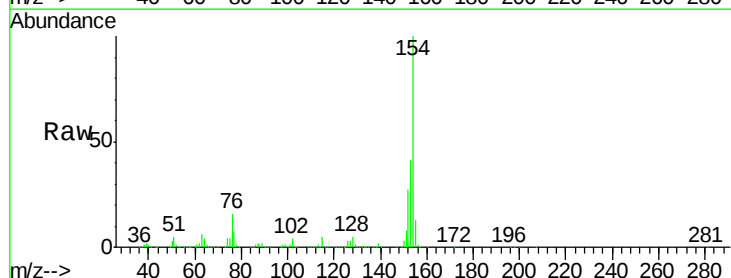
Instrument :
 BNA_M
 ClientSampleId :

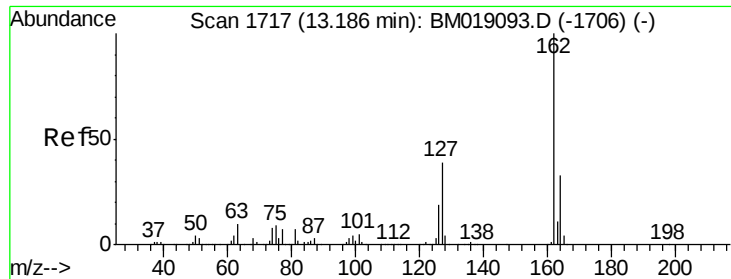
Tgt Ion:172 Resp: 3547691
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 23.5 18.6 28.0



#46
 1,1'-Biphenyl
 Concen: 41.872 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion:154 Resp: 2000057
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.5 61.5
 76 15.6 0.0 35.8

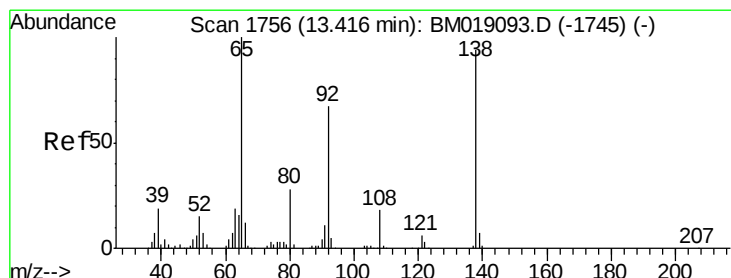
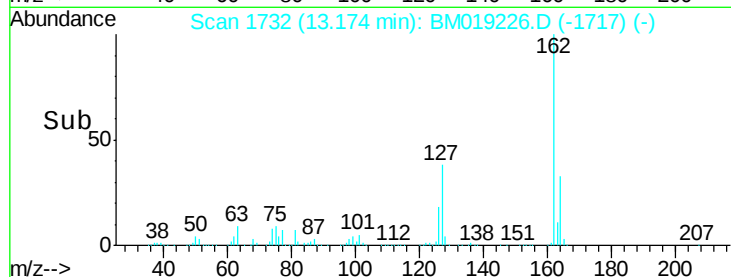
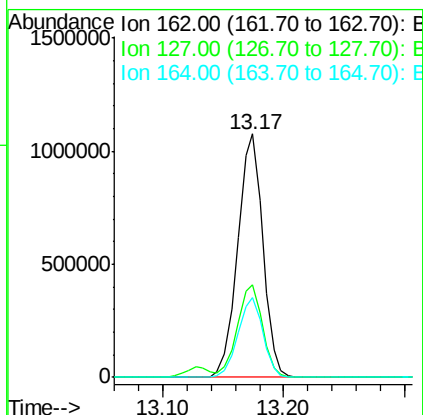
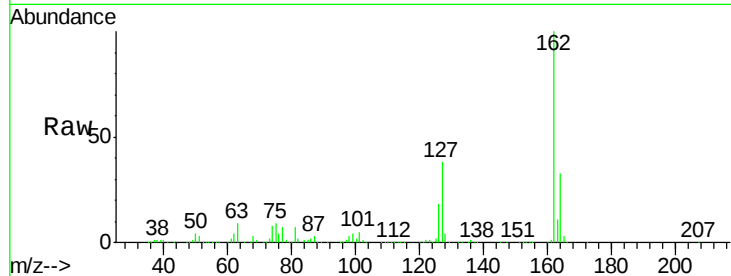




#47
 2-Chloronaphthalene
 Concen: 43.949 ng
 RT: 13.17 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

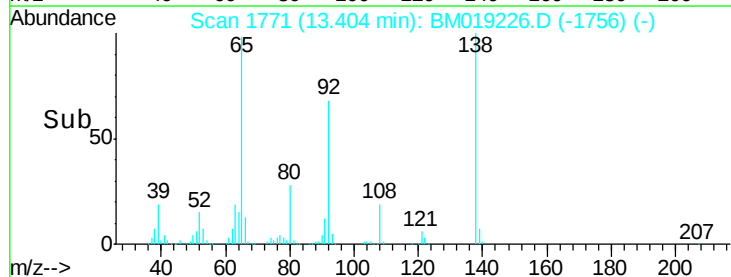
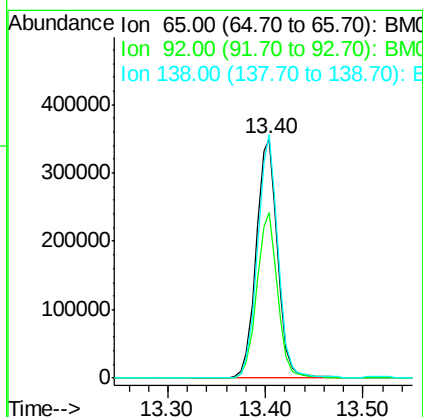
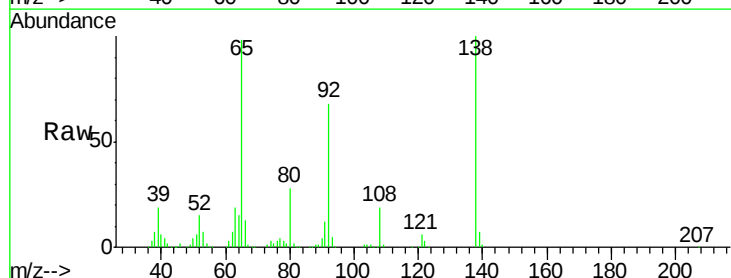
Instrument :
 BNA_M
 ClientSampleID :

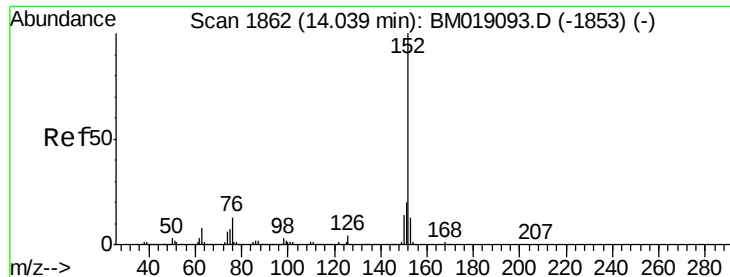
Tgt Ion: 162 Resp: 1566964
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.2 46.8
 164 32.9 26.3 39.5



#48
 2-Nitroaniline
 Concen: 45.147 ng
 RT: 13.40 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion: 65 Resp: 539845
 Ion Ratio Lower Upper
 65 100
 92 69.4 53.4 80.2
 138 102.0 74.9 112.3





#49

Acenaphthylene

Concen: 42.388 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

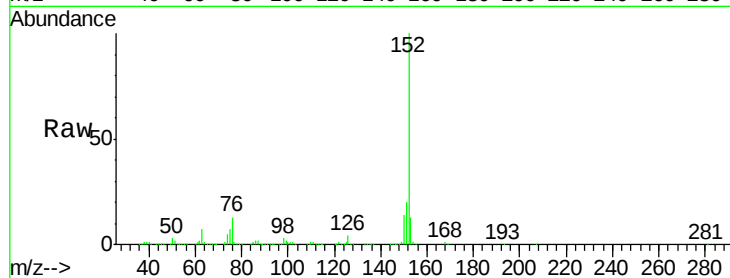
Tgt Ion:152 Resp: 2555404

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

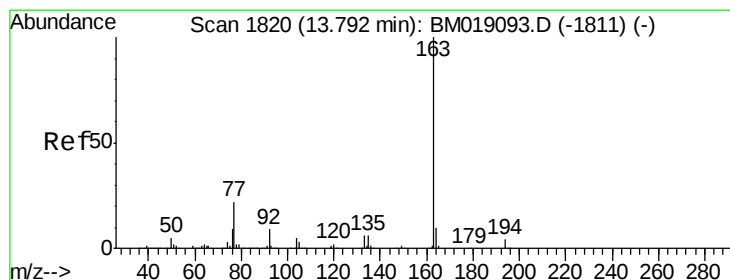
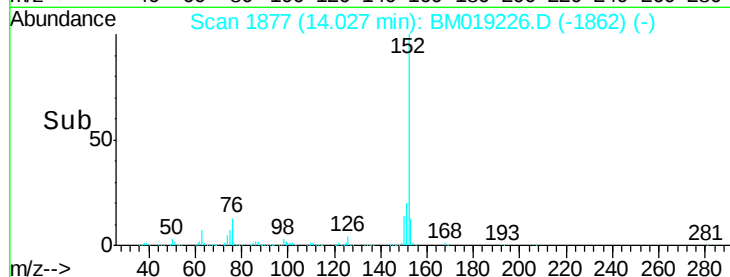
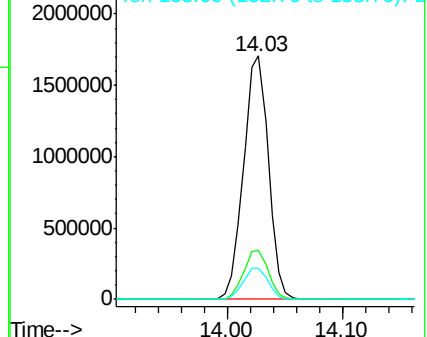
153 12.8 10.6 15.8



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: 52.126 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

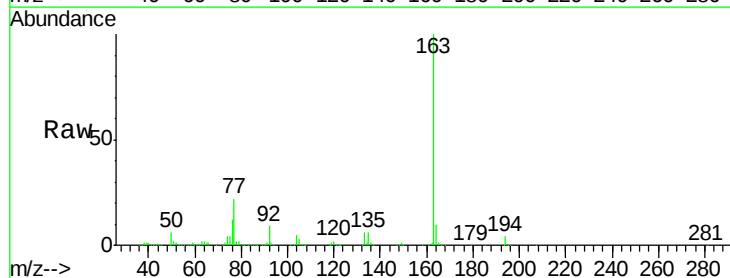
Tgt Ion:163 Resp: 2438936

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

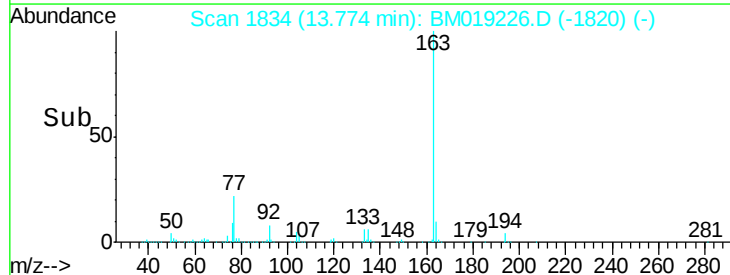
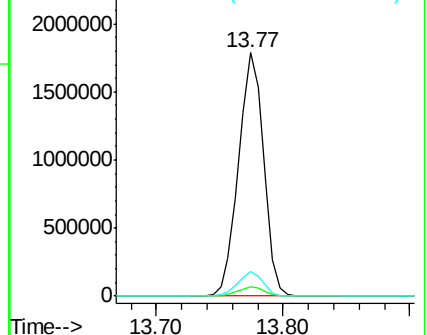
164 10.0 7.7 11.5

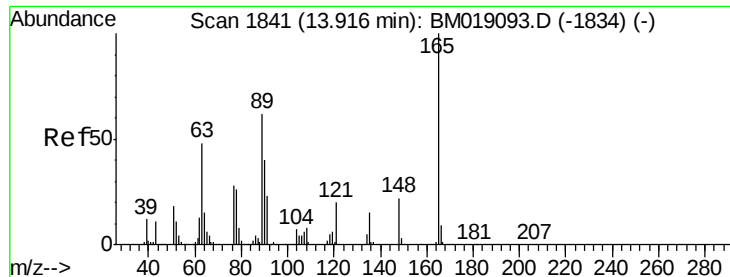


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

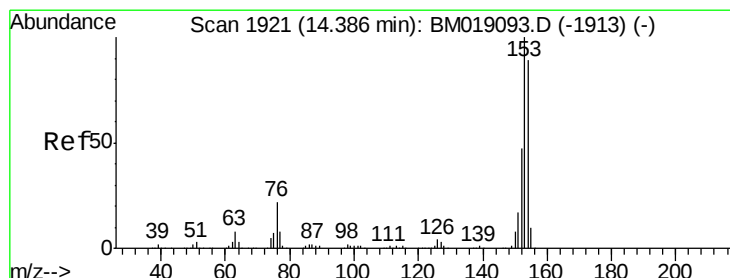
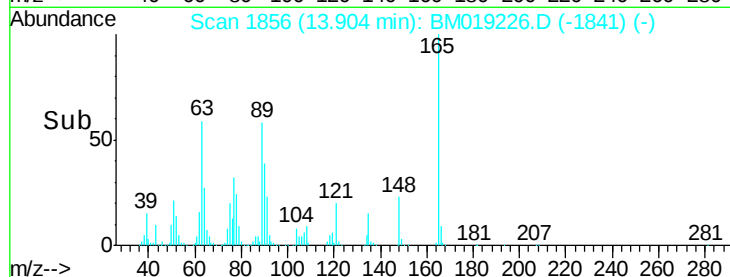
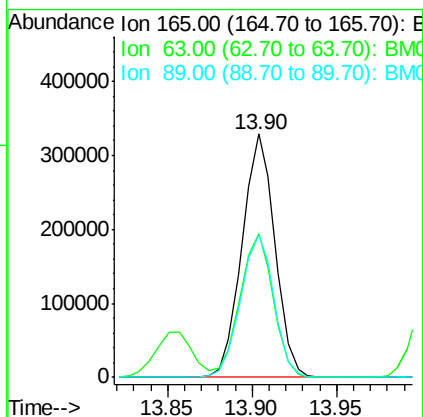
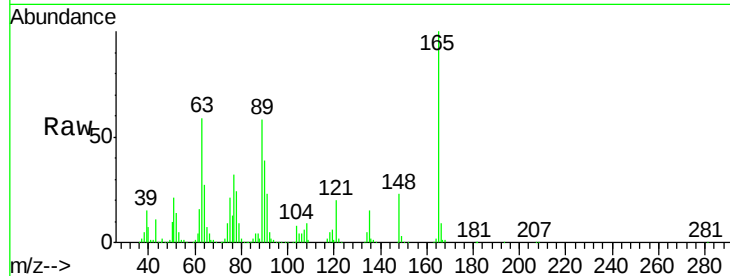




#51
 2,6-Dinitrotoluene
 Concen: 43.972 ng
 RT: 13.90 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

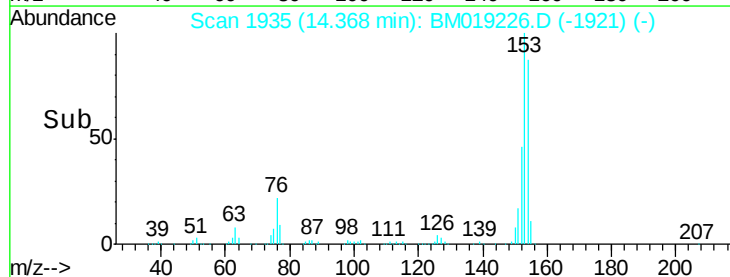
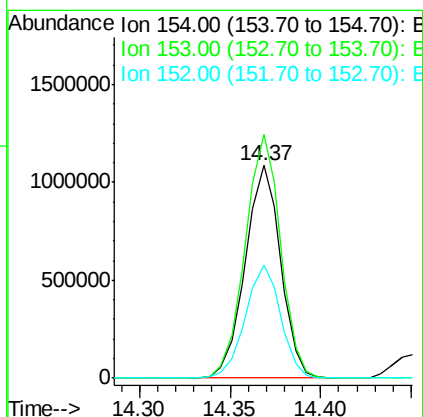
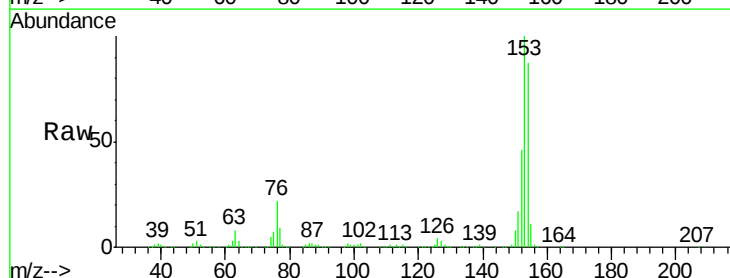
Instrument :
 BNA_M
 ClientSampled :

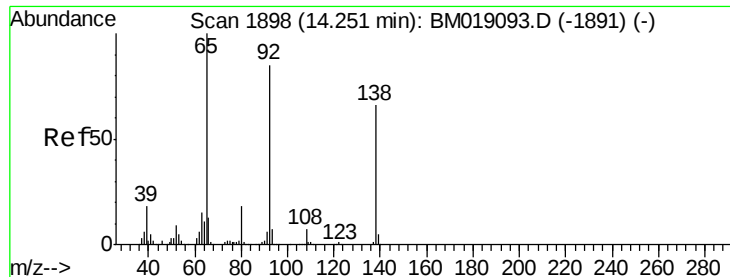
Tgt Ion:165 Resp: 444757
 Ion Ratio Lower Upper
 165 100
 63 58.8 48.2 72.4
 89 58.4 49.3 73.9



#52
 Acenaphthene
 Concen: 42.514 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion:154 Resp: 1472716
 Ion Ratio Lower Upper
 154 100
 153 114.7 90.1 135.1
 152 53.2 42.5 63.7

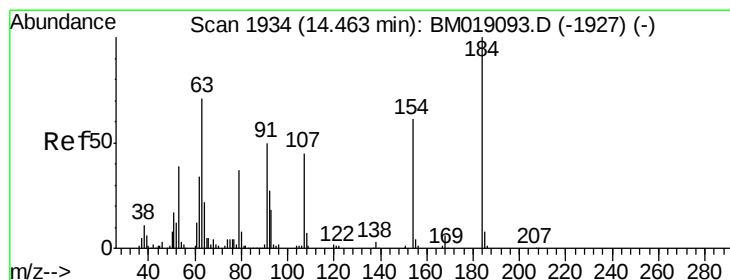
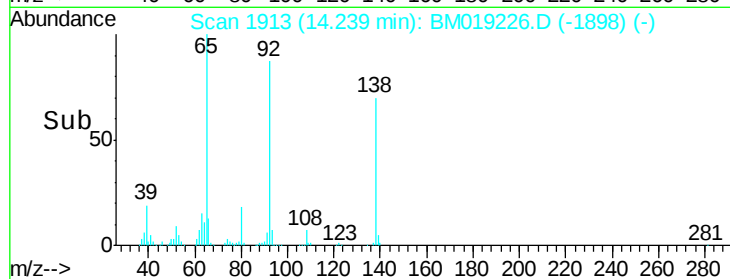
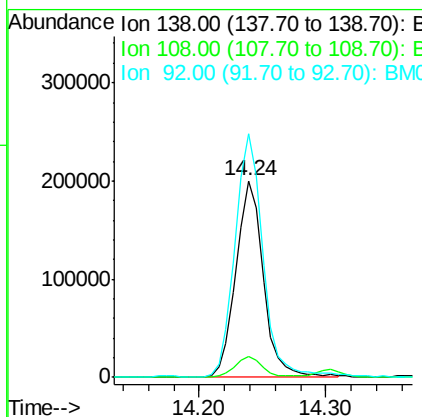
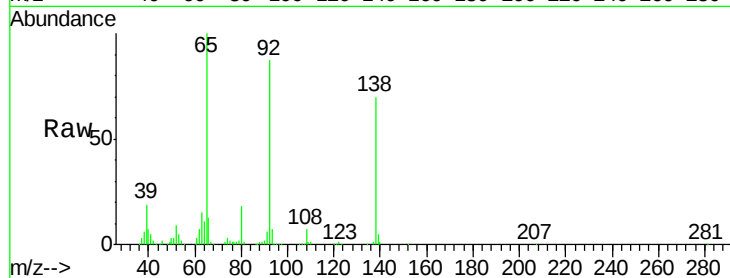




#53
3-Nitroaniline
Concen: 28.060 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

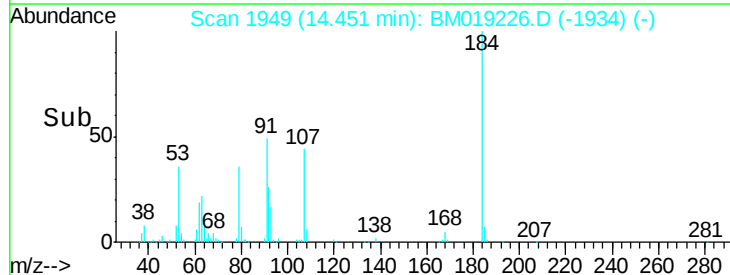
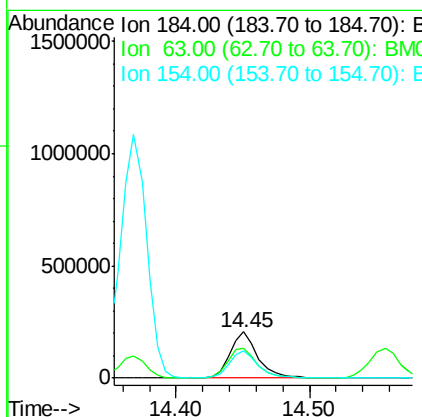
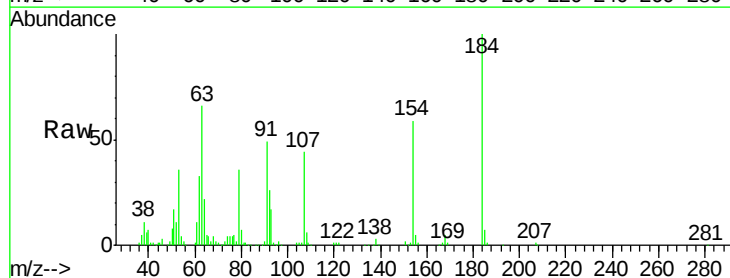
Instrument :
BNA_M
ClientSampleId :

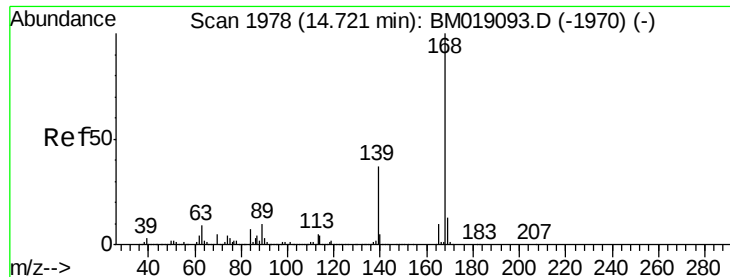
Tgt Ion:138 Resp: 300600
Ion Ratio Lower Upper
138 100
108 10.4 9.0 13.4
92 123.7 102.6 153.8



#54
2,4-Dinitrophenol
Concen: 51.237 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:184 Resp: 300965
Ion Ratio Lower Upper
184 100
63 65.5 56.7 85.1
154 59.3 49.3 73.9





#55

Dibenzofuran

Concen: 43.264 ng

RT: 14.70 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

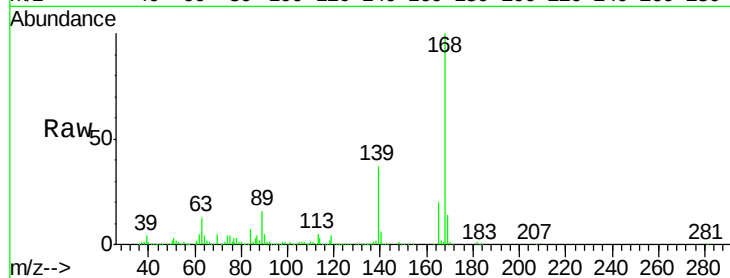
Tgt Ion:168 Resp: 2416927

Ion Ratio Lower Upper

168 100

139 37.2 30.1 45.1

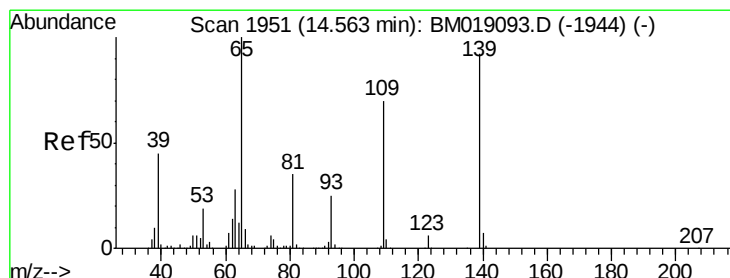
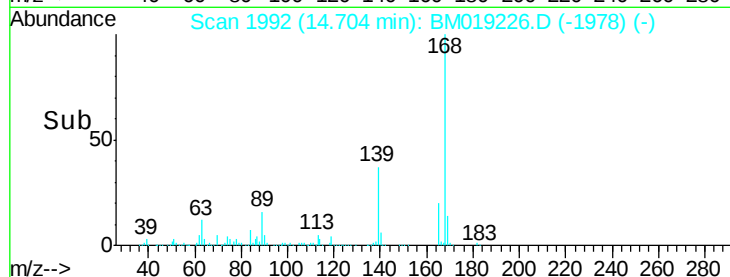
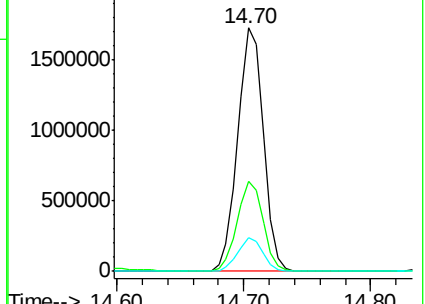
169 13.6 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.787 ng

RT: 14.56 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

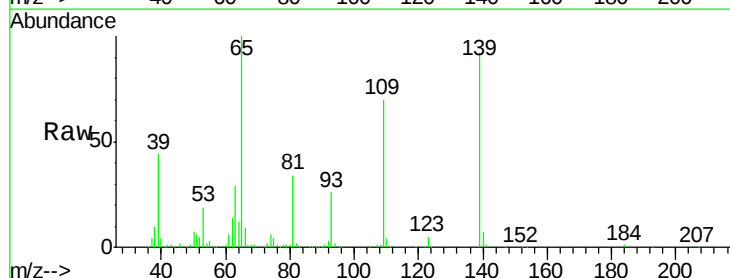
Tgt Ion:139 Resp: 697852

Ion Ratio Lower Upper

139 100

109 75.2 56.3 96.3

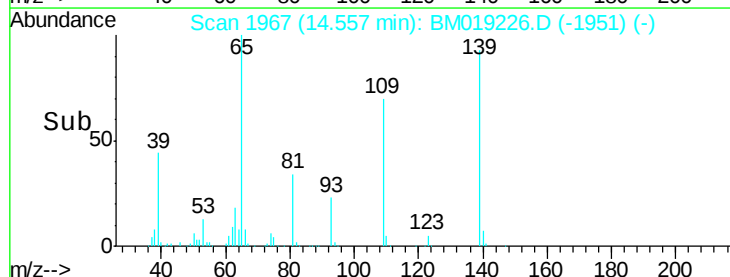
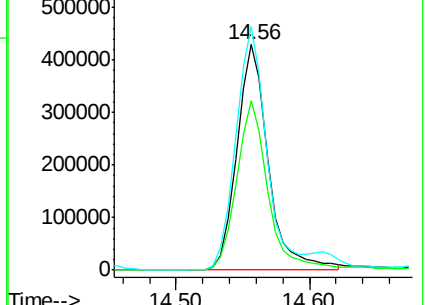
65 108.1 89.2 129.2

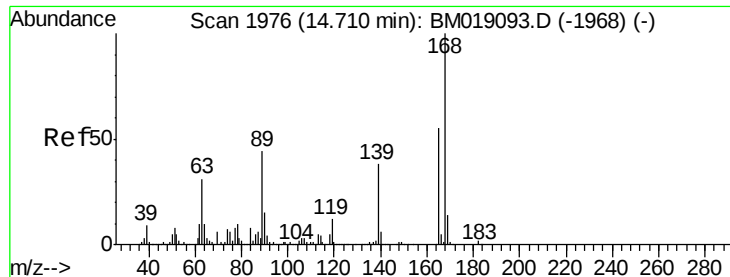


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

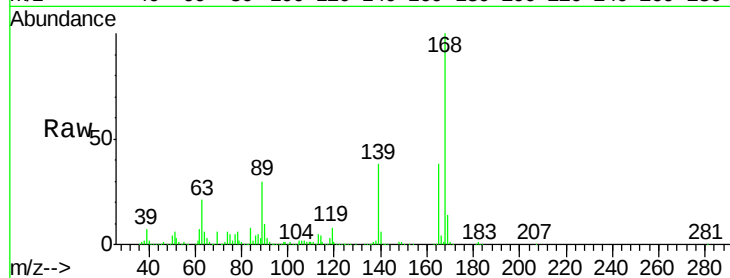




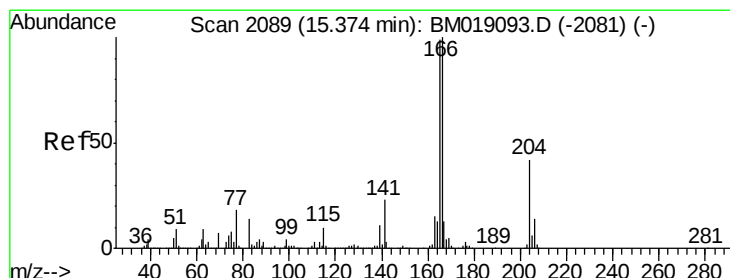
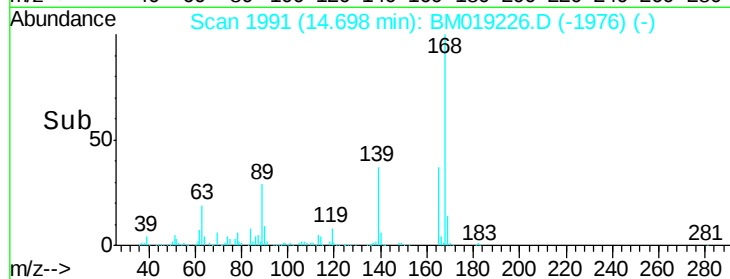
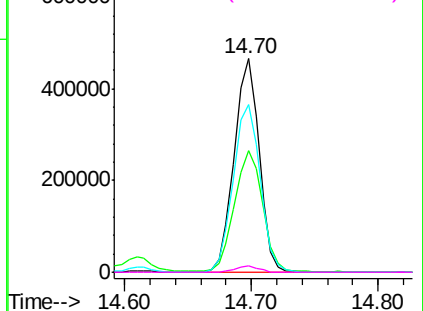
#57
2,4-Dinitrotoluene
Concen: 43.225 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 634639
Ion Ratio Lower Upper
165 100
63 56.7 44.7 67.1
89 78.5 63.4 95.2
182 2.9 2.3 3.5

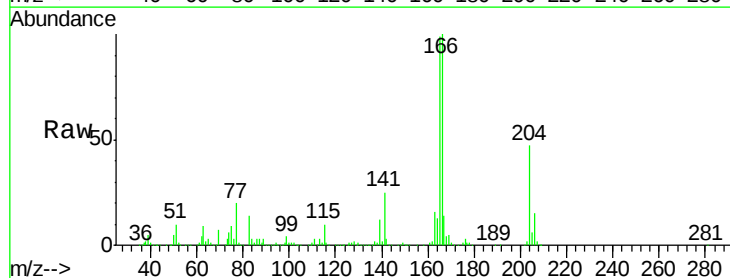


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

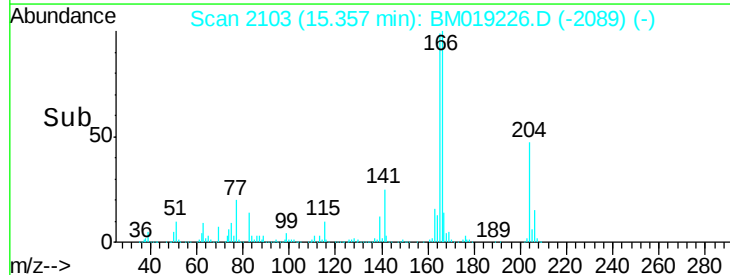
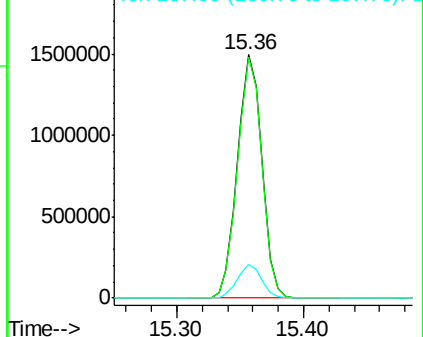


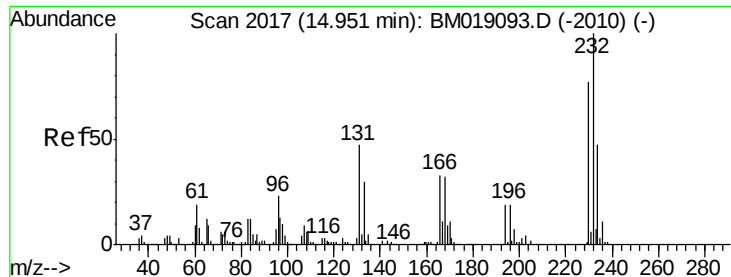
#58
Fluorene
Concen: 43.216 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:166 Resp: 1990008
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.4
167 13.8 10.8 16.2



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

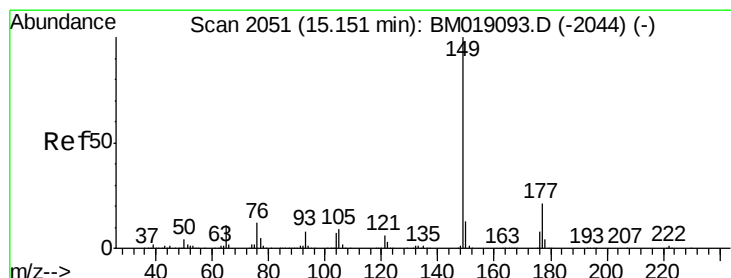
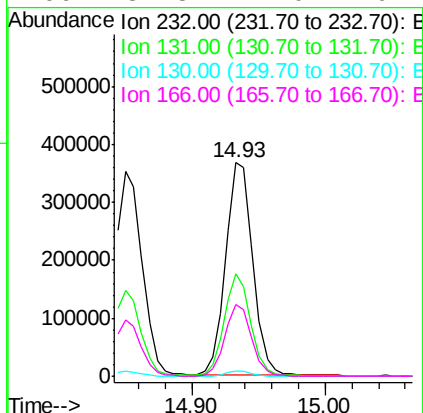
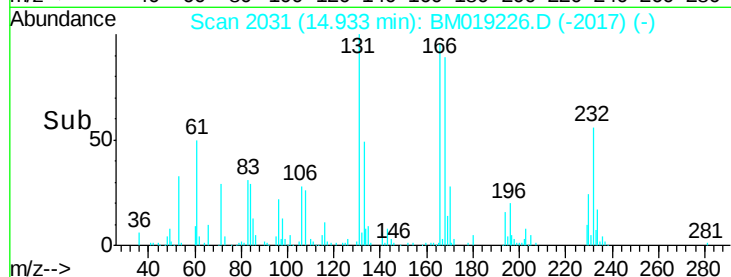
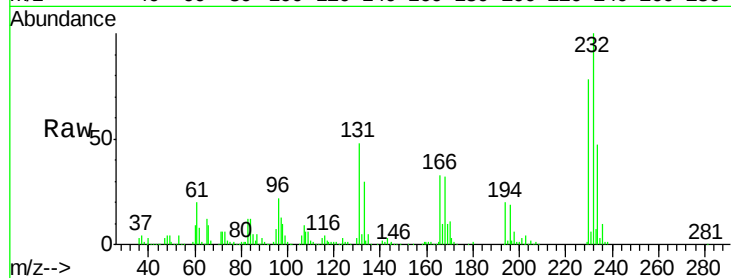




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.167 ng
RT: 14.93 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

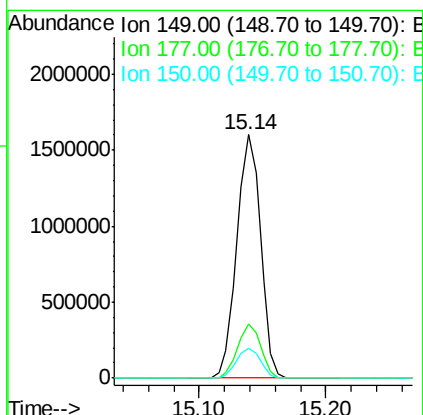
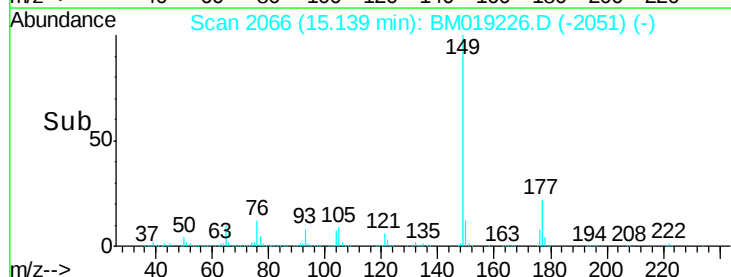
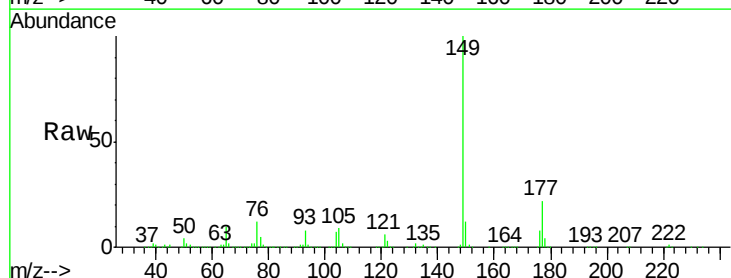
Instrument :
BNA_M
ClientSampleId :

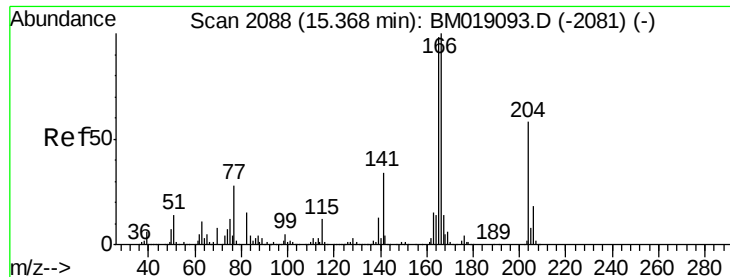
Tgt Ion:232 Resp: 525003
Ion Ratio Lower Upper
232 100
131 46.4 38.2 57.2
130 2.4 1.9 2.9
166 32.8 27.0 40.4



#60
Diethylphthalate
Concen: 43.744 ng
RT: 15.14 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:149 Resp: 2072934
Ion Ratio Lower Upper
149 100
177 22.2 17.0 25.6
150 12.5 10.2 15.4

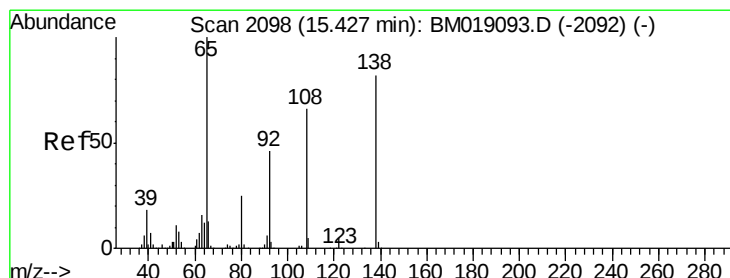
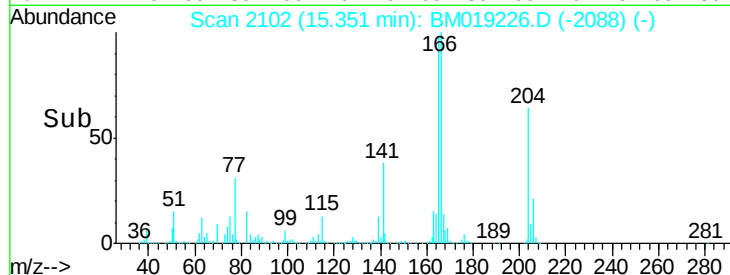
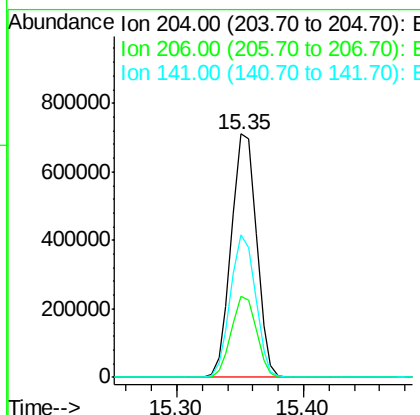
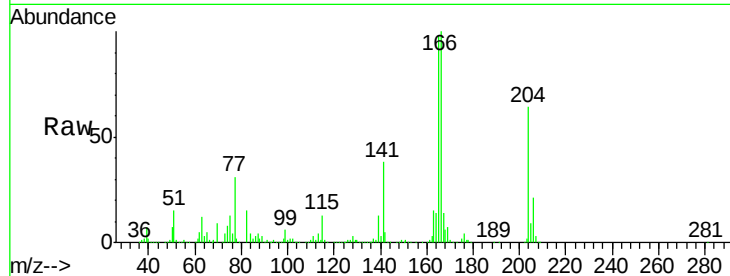




#61
 4-Chlorophenyl-phenylether
 Concen: 43.847 ng
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

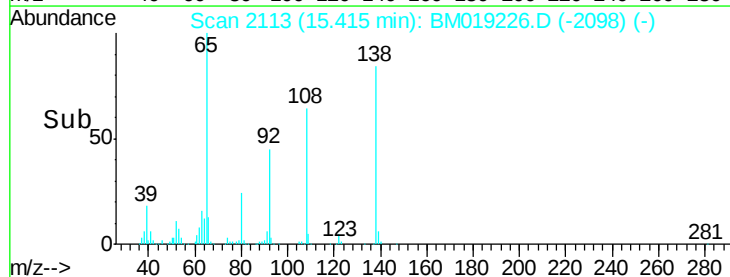
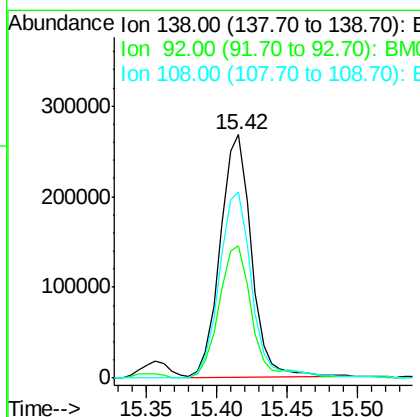
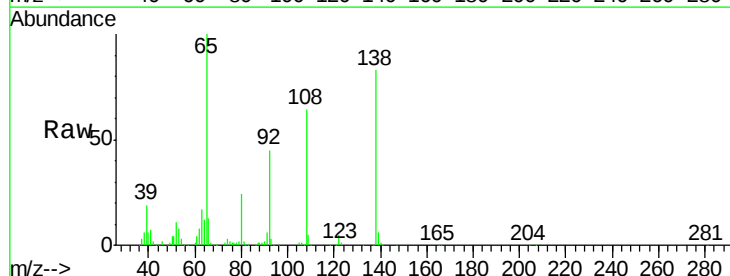
Instrument :
 BNA_M
 ClientSampled :

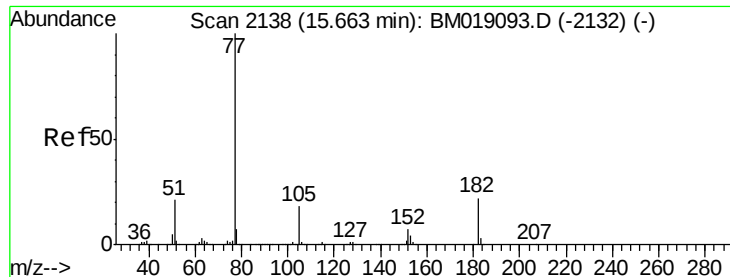
Tgt Ion:204 Resp: 980628
 Ion Ratio Lower Upper
 204 100
 206 33.2 25.5 38.3
 141 58.7 47.8 71.8



#62
 4-Nitroaniline
 Concen: 38.035 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion:138 Resp: 410624
 Ion Ratio Lower Upper
 138 100
 92 54.2 36.2 76.2
 108 76.4 59.7 99.7





#63

Azobenzene

Concen: 43.076 ng

RT: 15.65 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 2148001

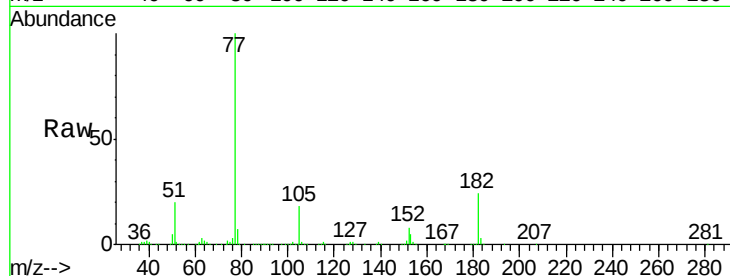
Ion	Ratio	Lower	Upper
77	100		
182	23.8	1.8	41.8
105	18.3	0.0	38.3
51	20.3	0.8	40.8

77 100

182 23.8 1.8 41.8

105 18.3 0.0 38.3

51 20.3 0.8 40.8



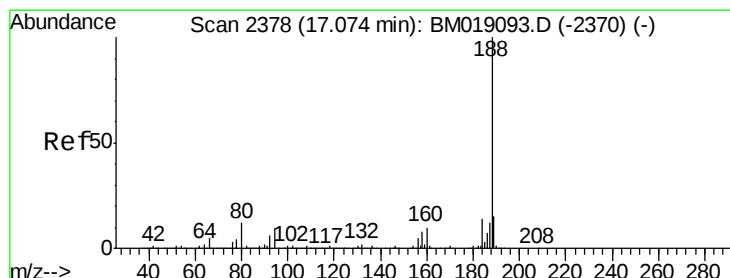
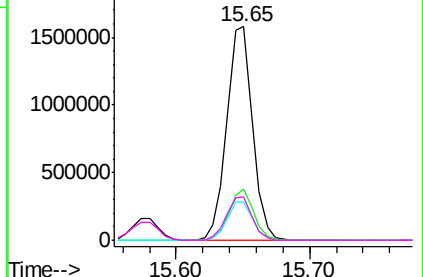
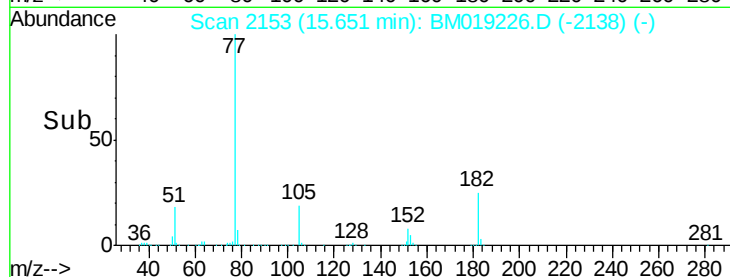
Abundance Ion 77.00 (76.70 to 77.70): BM019226.D (-2153) (-)

Ion 182.00 (181.70 to 182.70): BM019226.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): BM019226.D (-2153) (-)

Ion 51.00 (50.70 to 51.70): BM019226.D (-2153) (-)

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

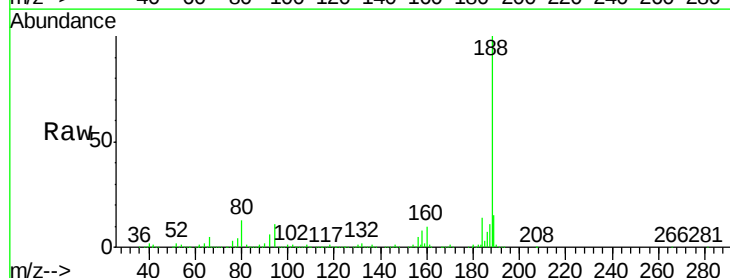
Tgt Ion: 188 Resp: 1194539

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	12.9	9.7	14.5

188 100

94 10.6 8.1 12.1

80 12.9 9.7 14.5

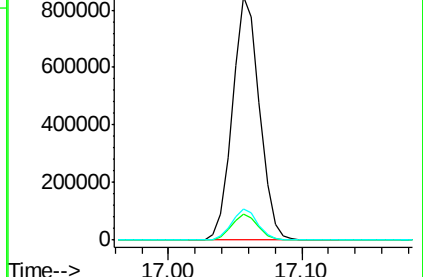
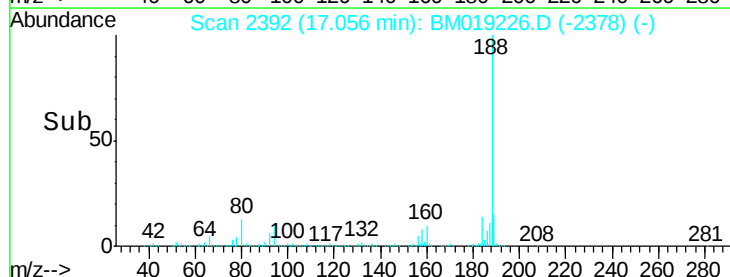


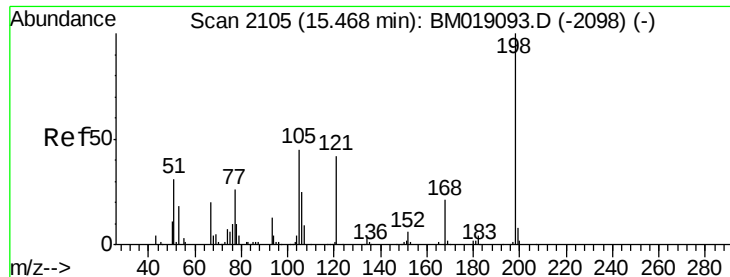
Abundance Ion 188.00 (187.70 to 188.70): BM019226.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM019226.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM019226.D (-2378) (-)

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 32.981 ng

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

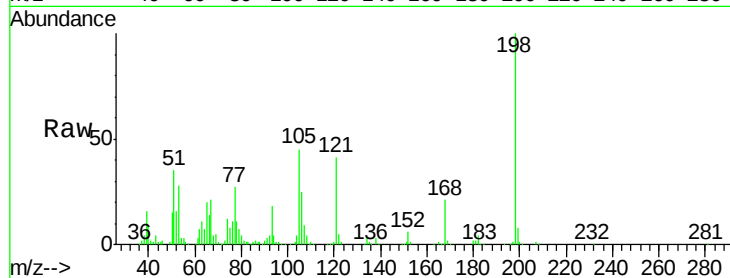
Tgt Ion:198 Resp: 258169

Ion Ratio Lower Upper

198 100

51 35.1 17.3 57.3

105 45.5 26.2 66.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM019093.D (-2098) (-)

Ion 105.00 (104.70 to 105.70): E

250000

200000

150000

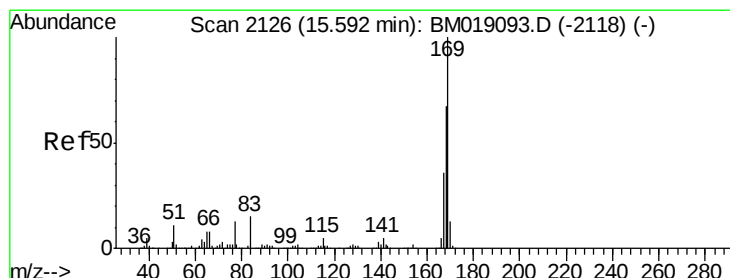
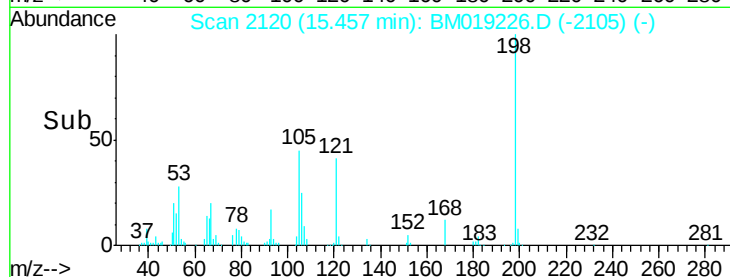
100000

50000

0

15.40 15.45 15.50 15.55

Time-->



#66

n-Nitrosodiphenylamine

Concen: 45.552 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

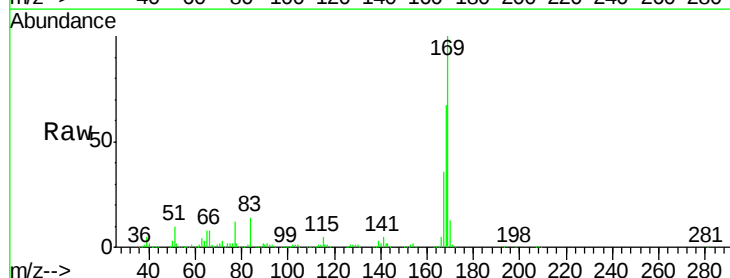
Tgt Ion:169 Resp: 1732331

Ion Ratio Lower Upper

169 100

168 66.9 53.9 80.9

167 36.3 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

1500000

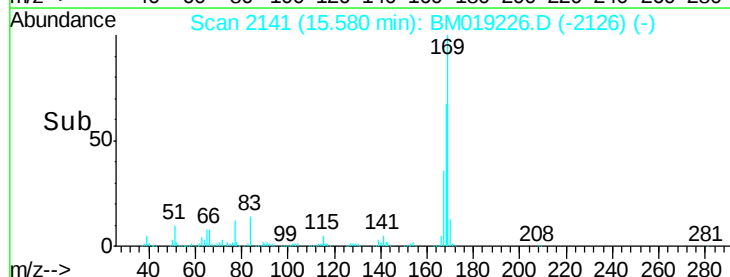
1000000

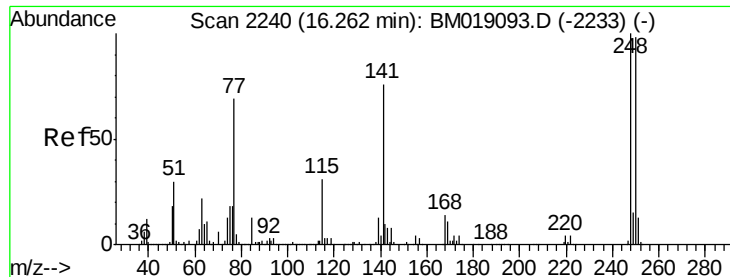
500000

0

15.50 15.55 15.60

Time-->

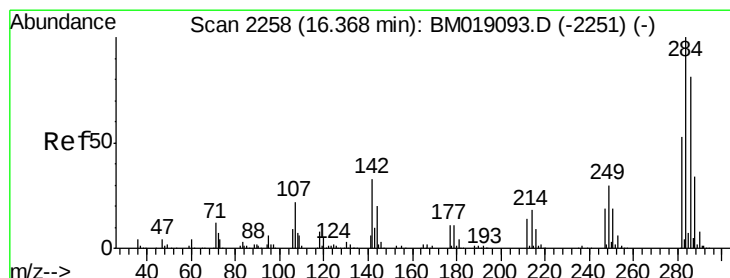
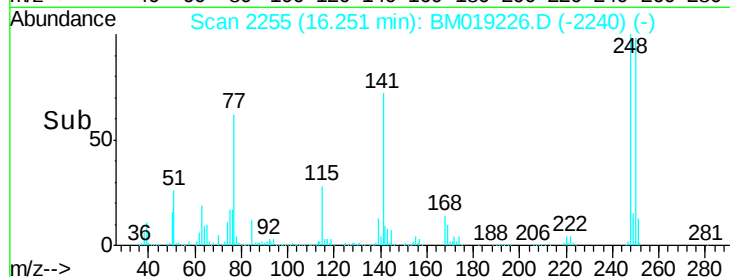
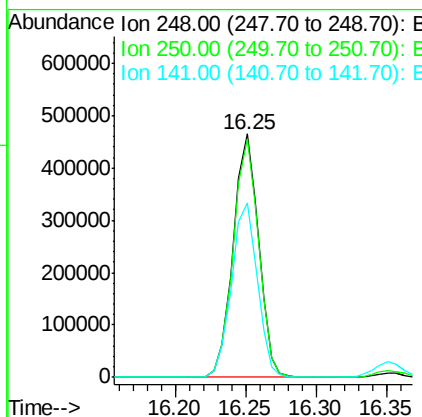
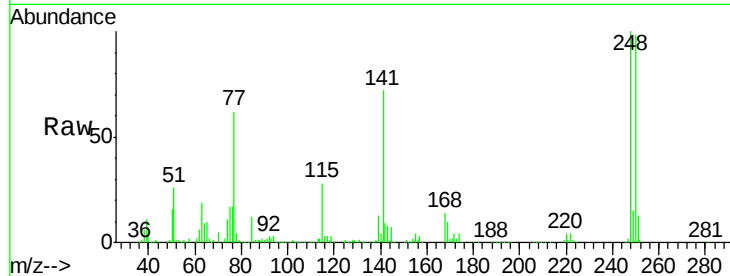




#67
 4-Bromophenyl-phenylether
 Concen: 44.338 ng
 RT: 16.25 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

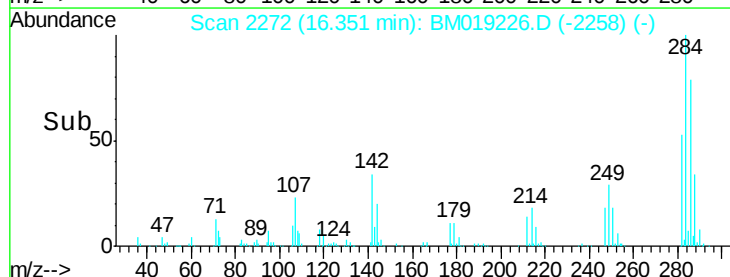
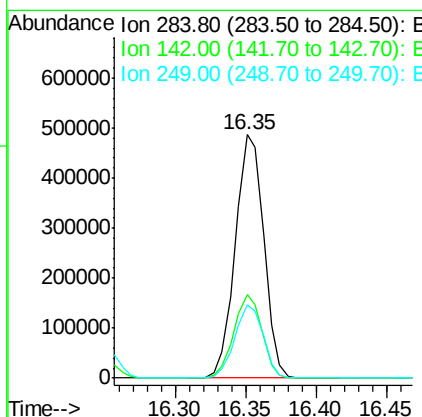
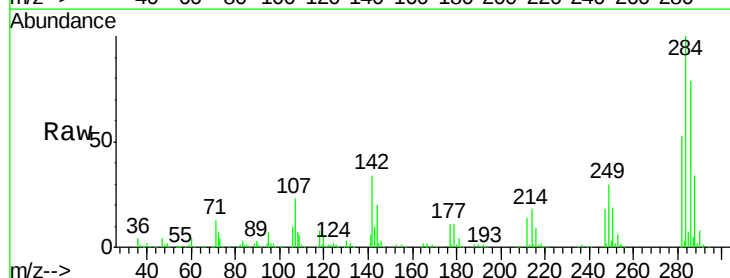
Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:248 Resp: 584056
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.0 117.0
 141 71.6 61.0 91.4



#68
 Hexachlorobenzene
 Concen: 43.800 ng
 RT: 16.35 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion:284 Resp: 685953
 Ion Ratio Lower Upper
 284 100
 142 34.4 26.3 39.5
 249 30.3 24.1 36.1





#69

Atrazine

Concen: 46.710 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

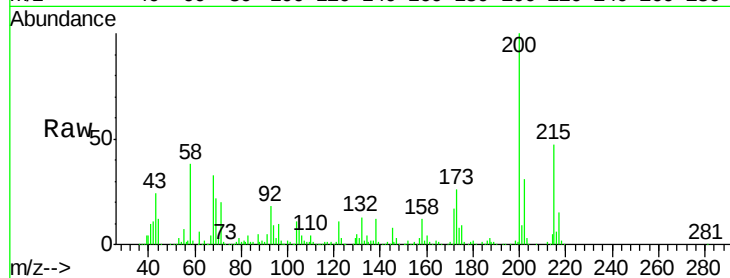
Tgt Ion:200 Resp: 597978

Ion Ratio Lower Upper

200 100

173 26.4 7.0 47.0

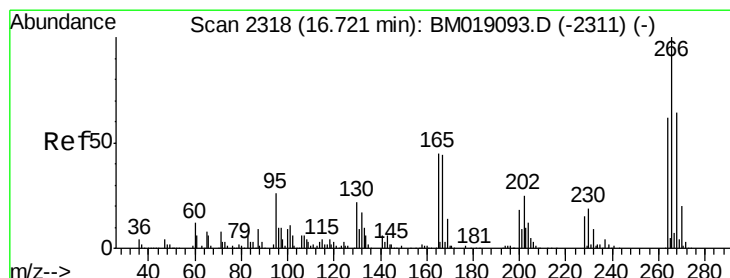
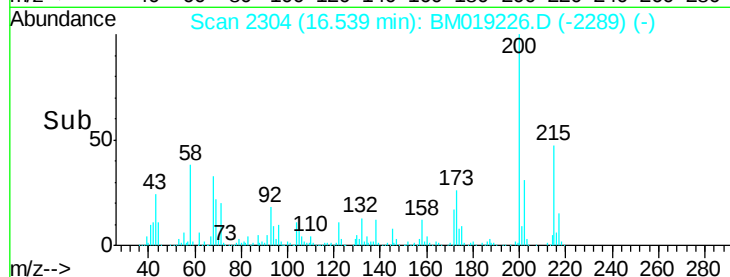
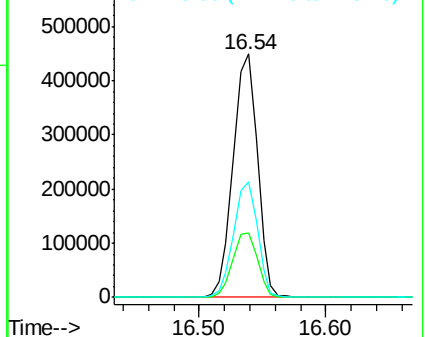
215 47.2 27.7 67.7



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: 83.558 ng

RT: 16.71 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

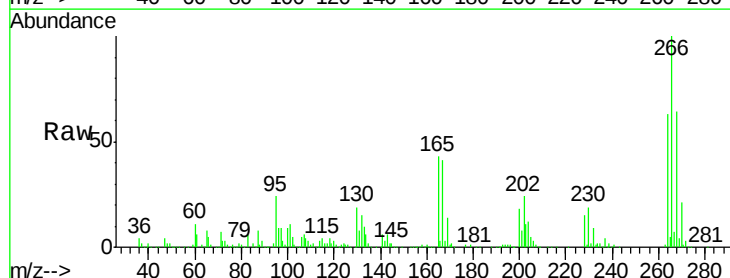
Tgt Ion:266 Resp: 788416

Ion Ratio Lower Upper

266 100

268 64.5 51.3 76.9

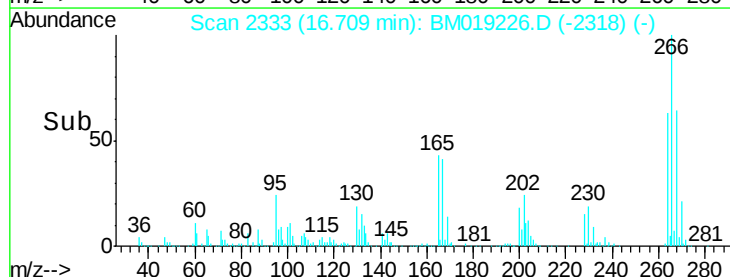
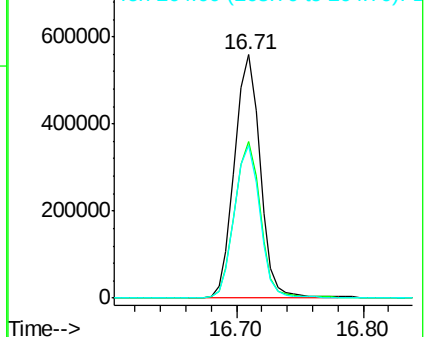
264 62.8 50.0 75.0

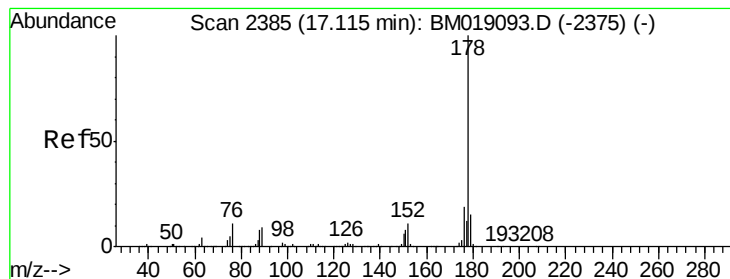


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.382 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

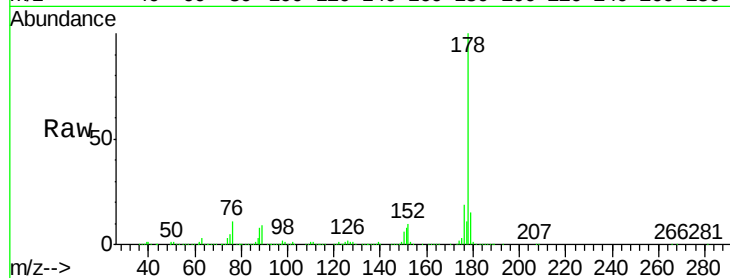
Tgt Ion:178 Resp: 2967415

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

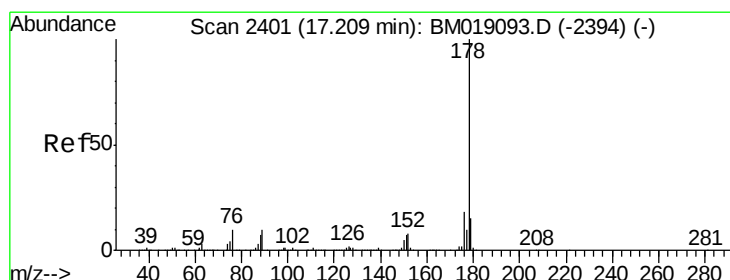
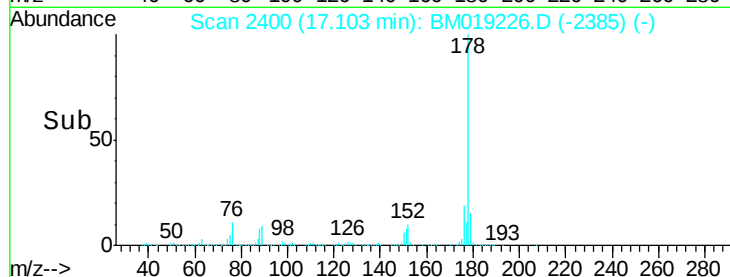
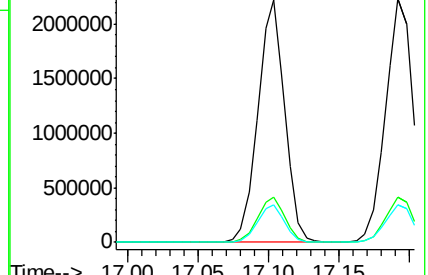
179 15.2 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.066 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

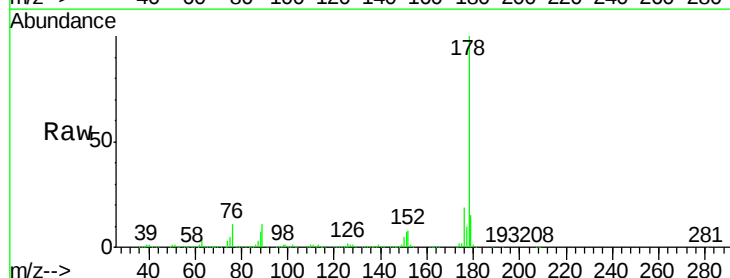
Tgt Ion:178 Resp: 3020410

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

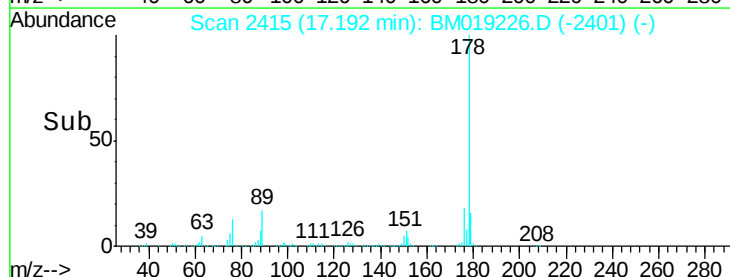
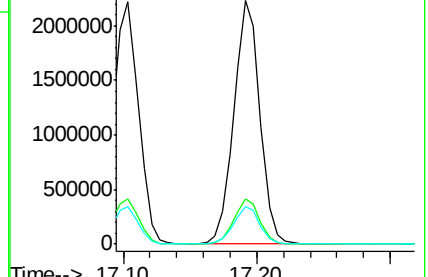
179 15.4 11.9 17.9

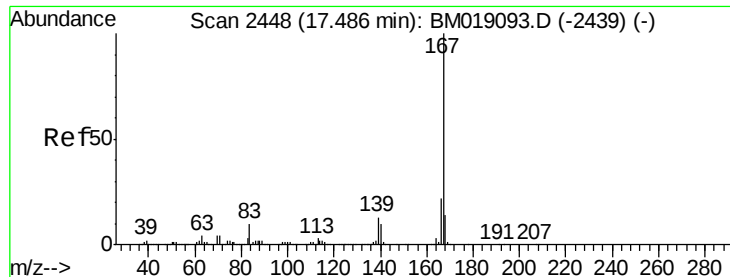


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.890 ng

RT: 17.47 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

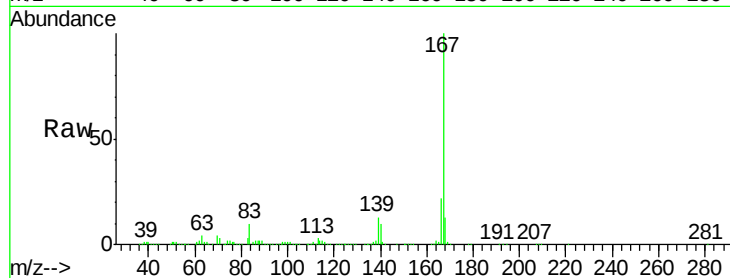
Tgt Ion:167 Resp: 2709966

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

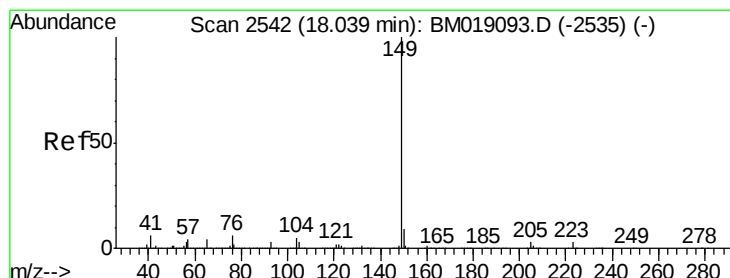
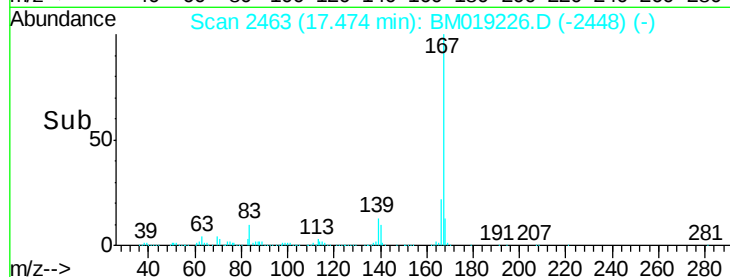
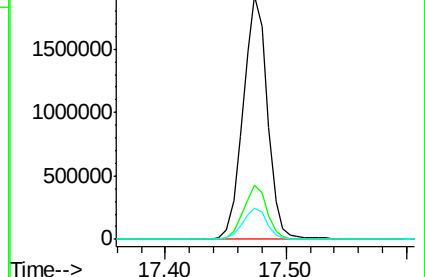
139 13.0 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.061 ng

RT: 18.03 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

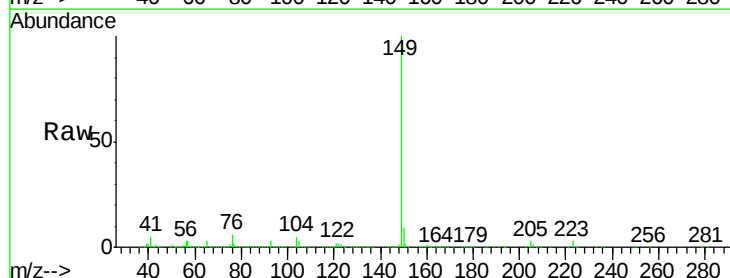
Tgt Ion:149 Resp: 3525153

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

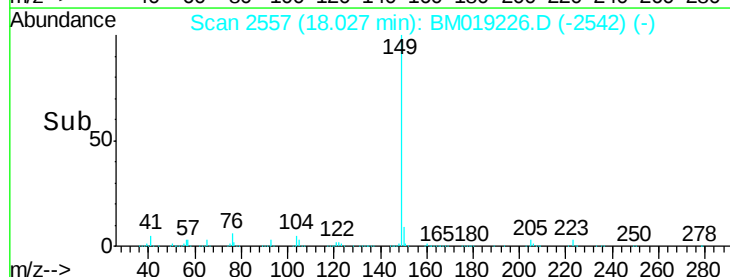
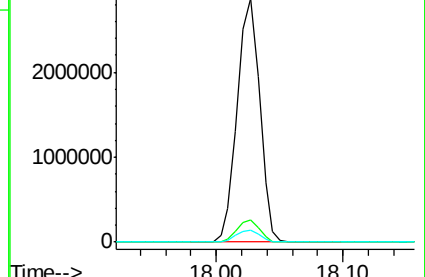
104 5.1 4.2 6.4

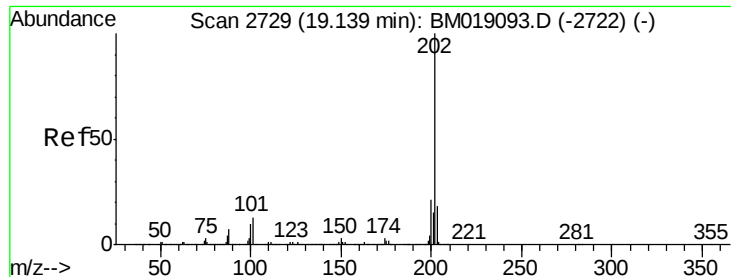


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.851 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

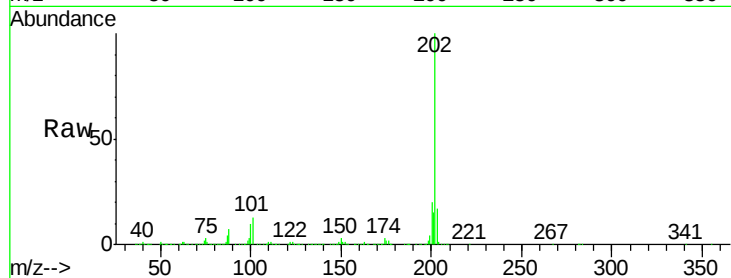
Tgt Ion:202 Resp: 3121360

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.0

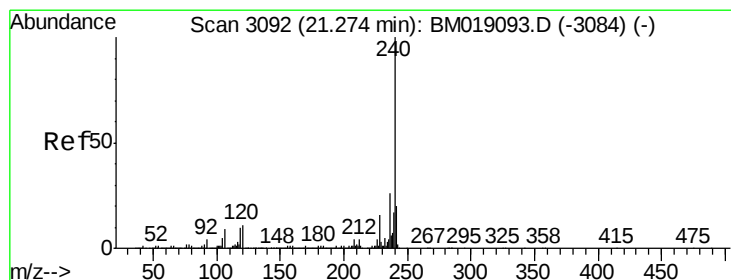
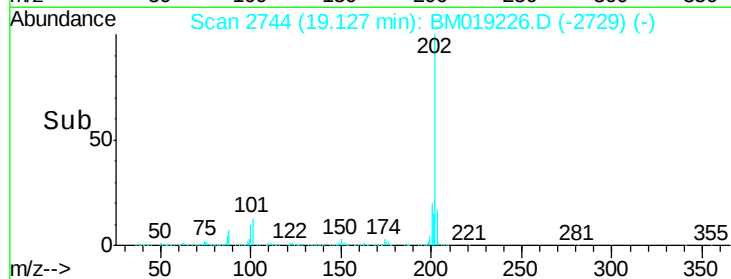
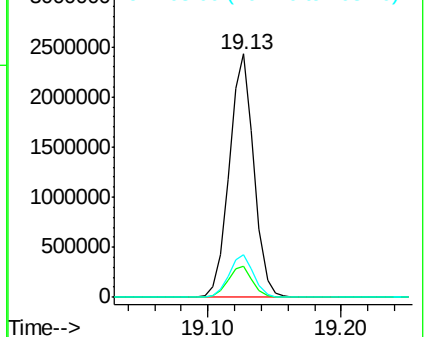
203 17.5 0.0 37.8



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: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

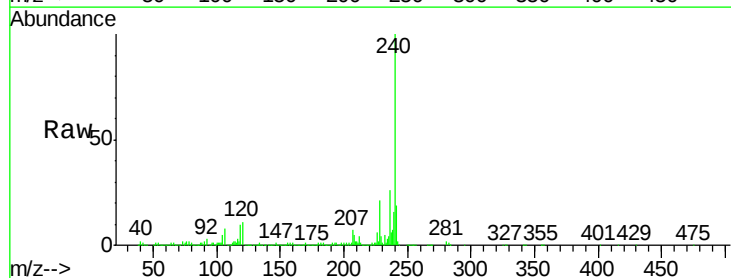
Tgt Ion:240 Resp: 953008

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

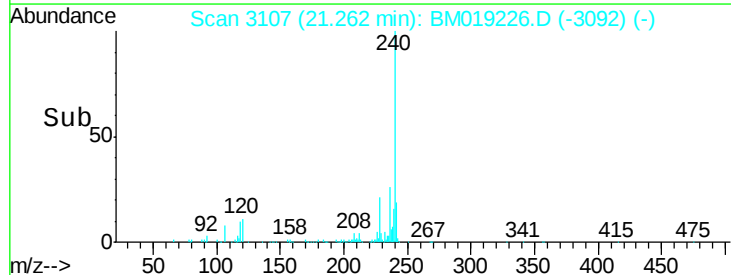
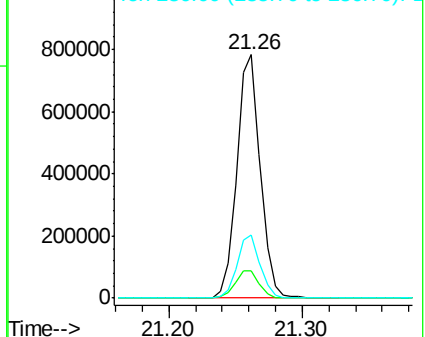
236 25.9 21.0 31.4

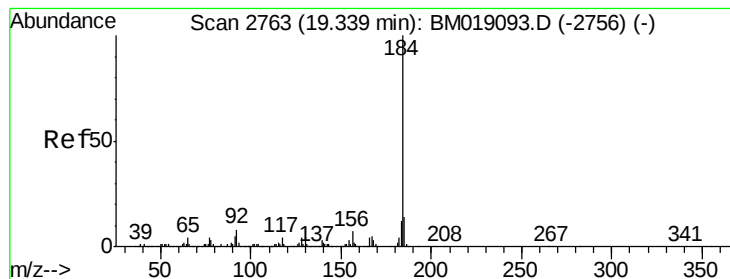


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.806 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

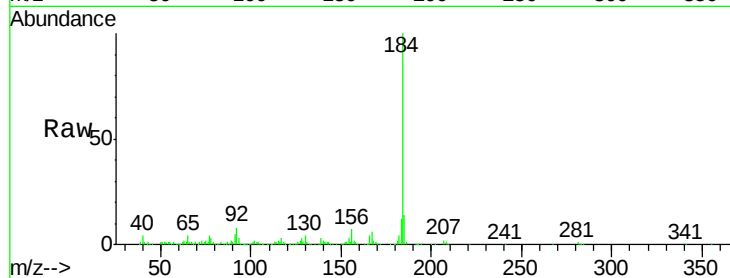
Tgt Ion:184 Resp: 508282

Ion Ratio Lower Upper

184 100

185 13.6 11.0 16.4

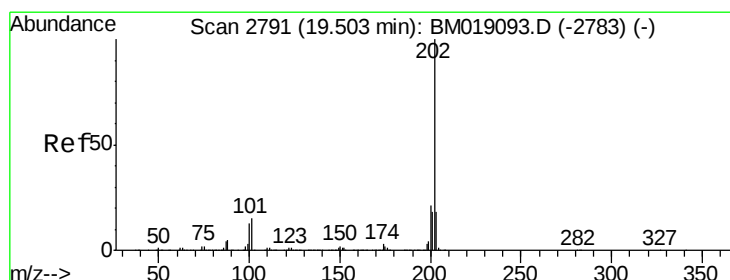
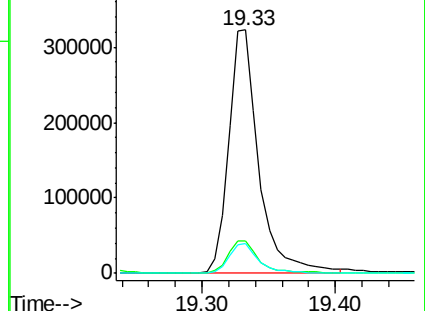
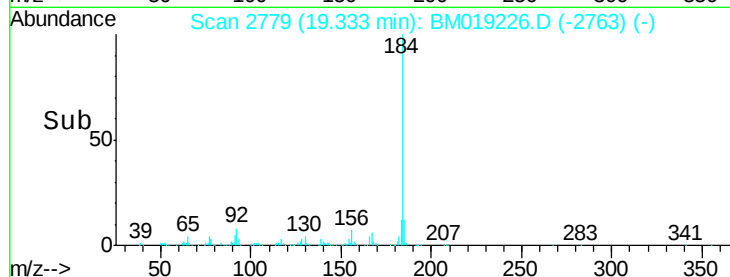
183 12.5 9.8 14.6



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: 51.184 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

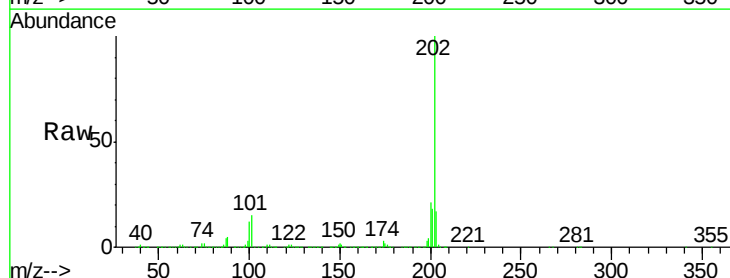
Tgt Ion:202 Resp: 3086282

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

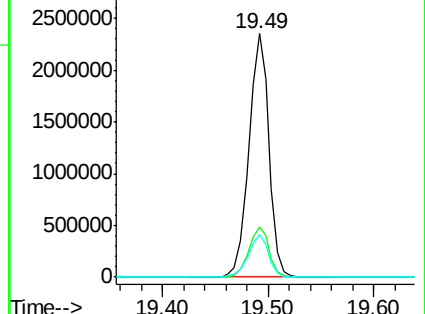
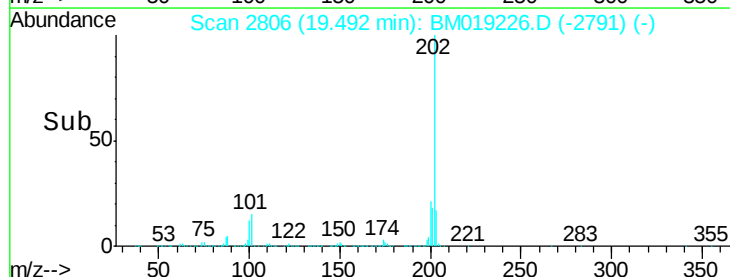
203 17.5 14.0 21.0

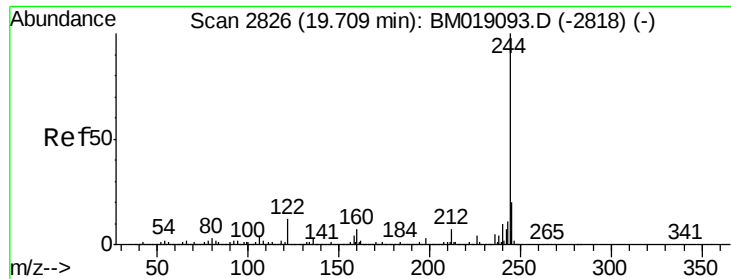


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

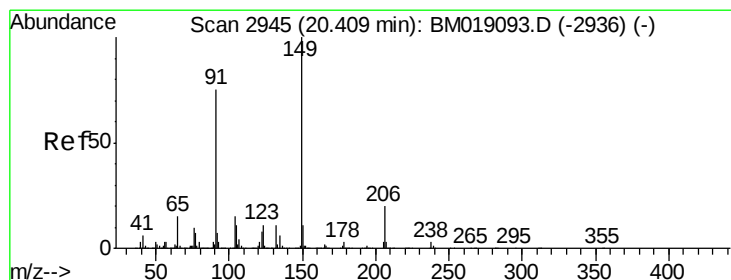
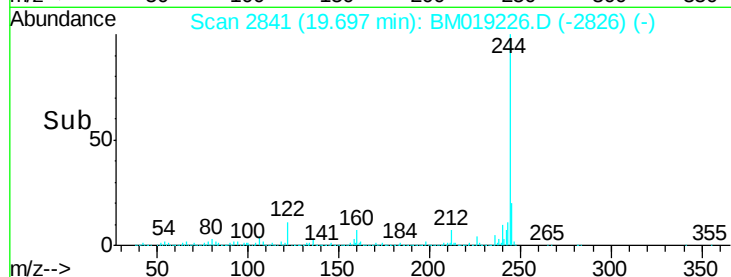
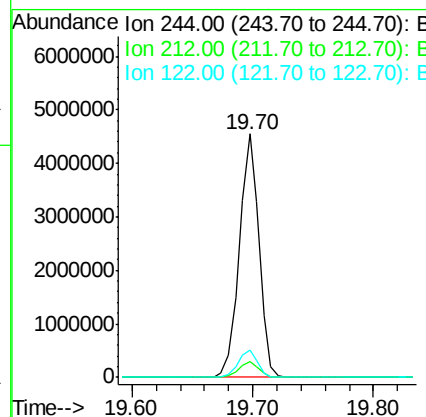
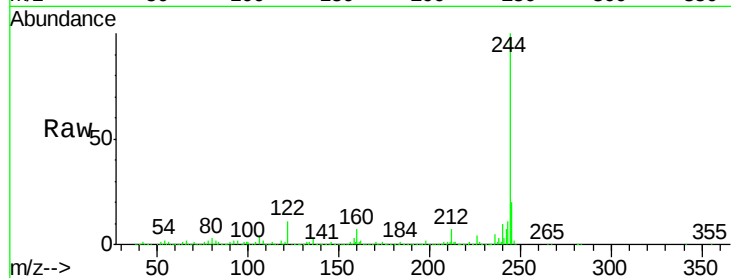




#79
 Terphenyl-d14
 Concen: 107.681 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

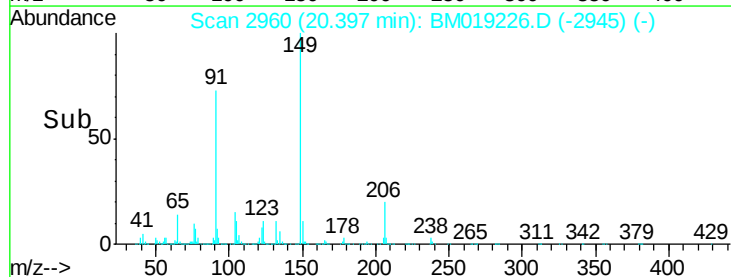
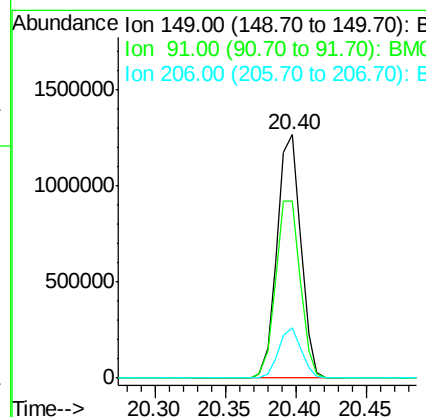
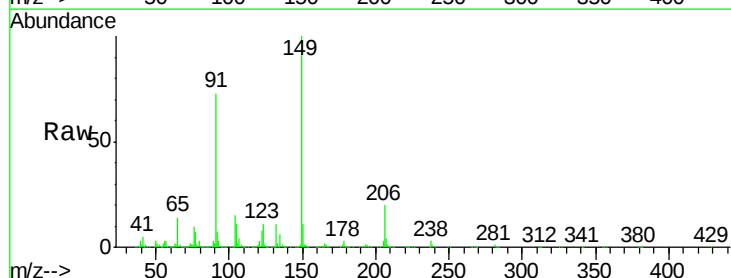
Instrument :
 BNA_M
 ClientSampleId :

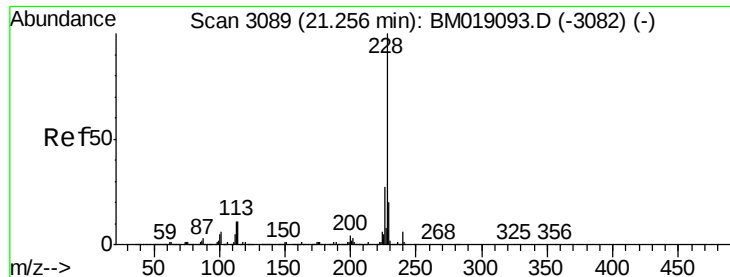
Tgt Ion:244 Resp: 5169264
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.3 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 56.922 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM019226.D
 Acq: 18 Mar 2019 21:29

Tgt Ion:149 Resp: 1494956
 Ion Ratio Lower Upper
 149 100
 91 72.9 60.1 90.1
 206 20.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 41.144 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

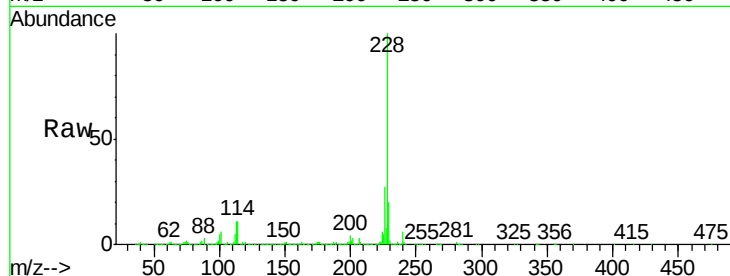
Tgt Ion:228 Resp: 2459949

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

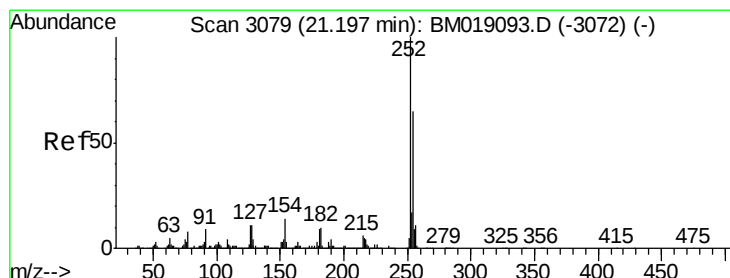
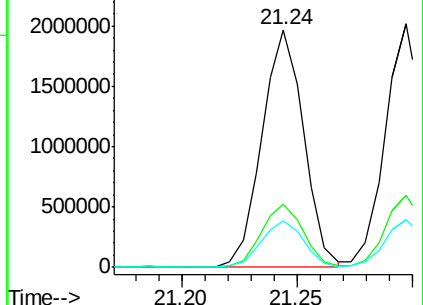
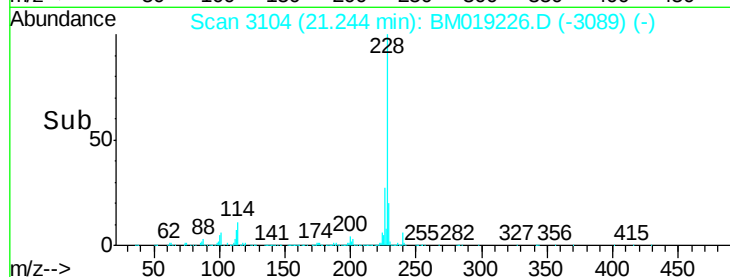
229 19.8 15.8 23.6



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



#82

3,3'-Dichlorobenzidine

Concen: 32.139 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

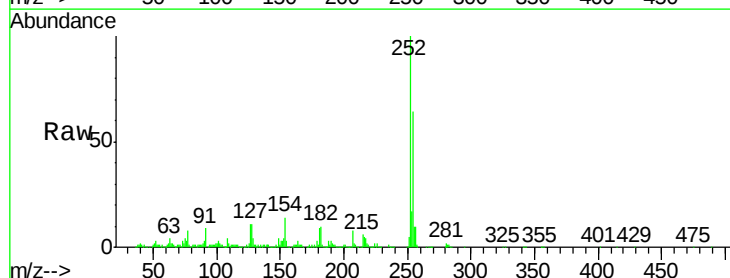
Tgt Ion:252 Resp: 740236

Ion Ratio Lower Upper

252 100

254 63.8 52.4 78.6

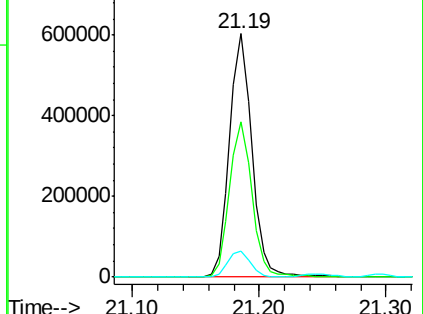
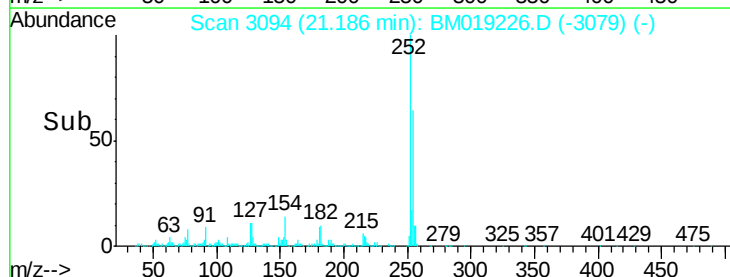
126 10.8 9.0 13.6

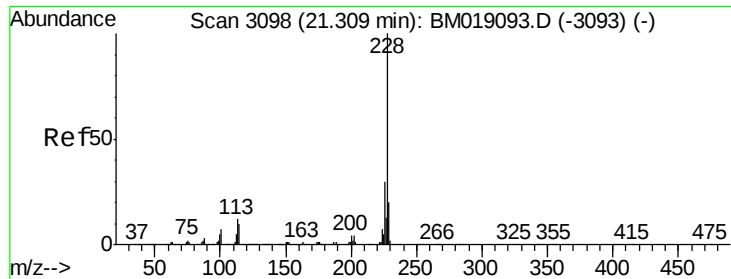


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.928 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

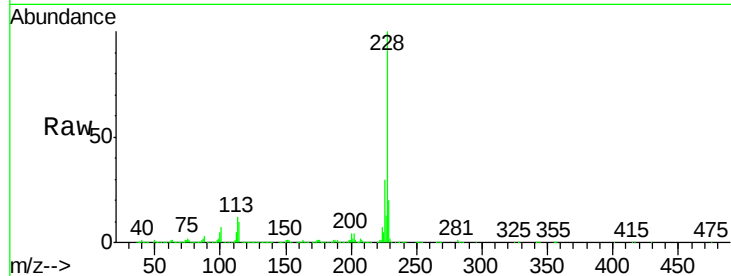
Tgt Ion:228 Resp: 2367347

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

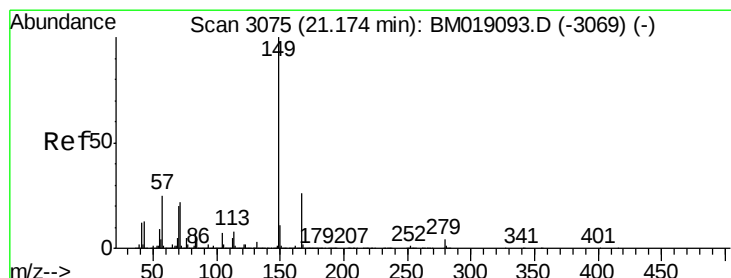
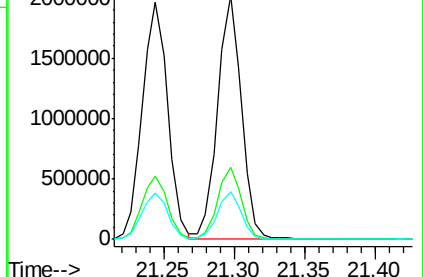
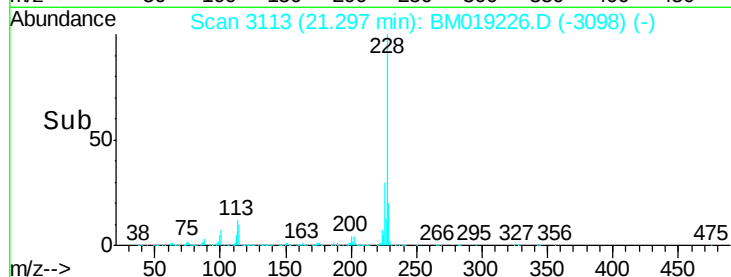
229 19.8 15.7 23.5



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: 58.163 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

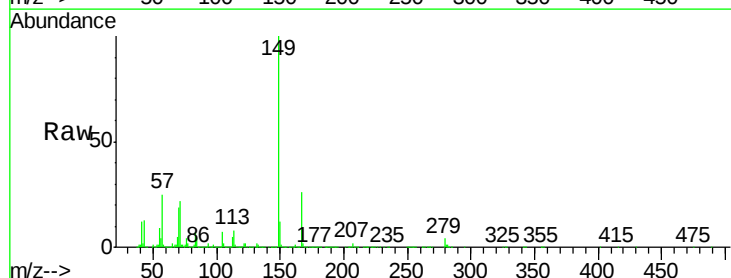
Tgt Ion:149 Resp: 2222336

Ion Ratio Lower Upper

149 100

167 26.4 21.1 31.7

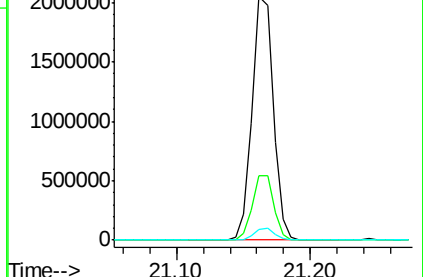
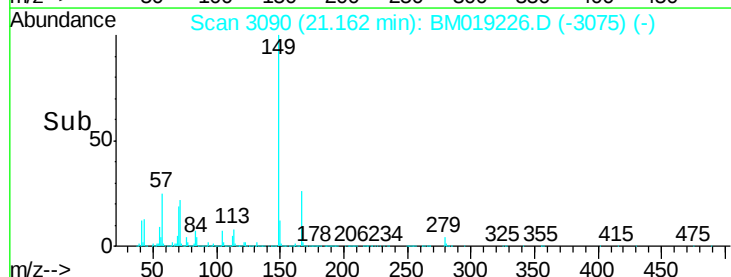
279 4.3 3.2 4.8

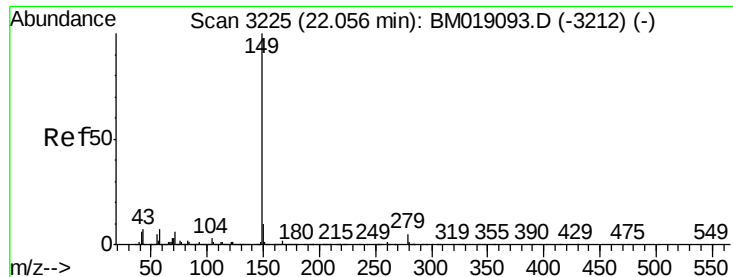


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.484 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

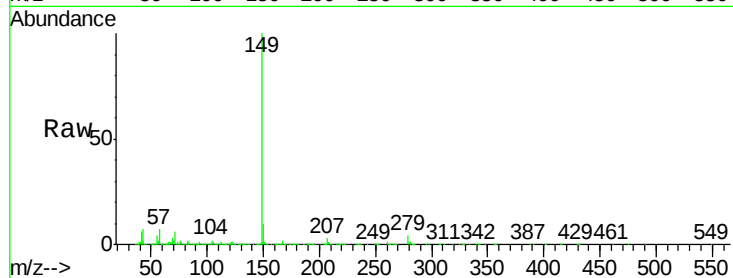
Tgt Ion:149 Resp: 3312441

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

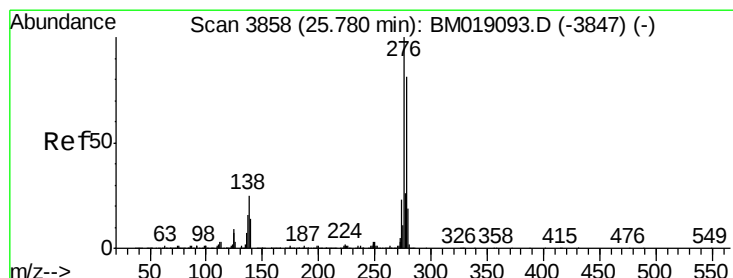
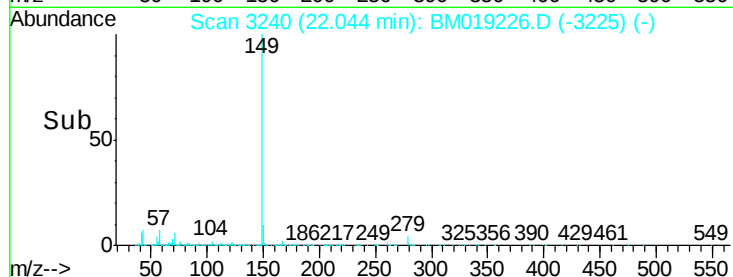
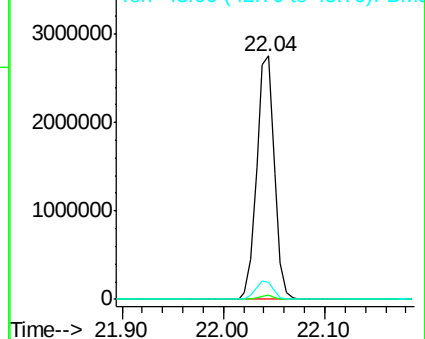
43 7.4 6.1 9.1



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: 41.918 ng

RT: 25.76 min Scan# 3871

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

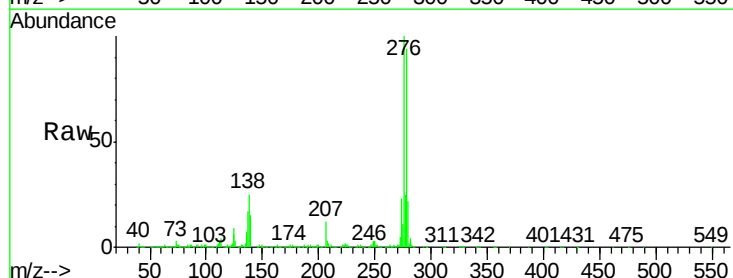
Tgt Ion:276 Resp: 2609996

Ion Ratio Lower Upper

276 100

138 24.6 19.8 29.8

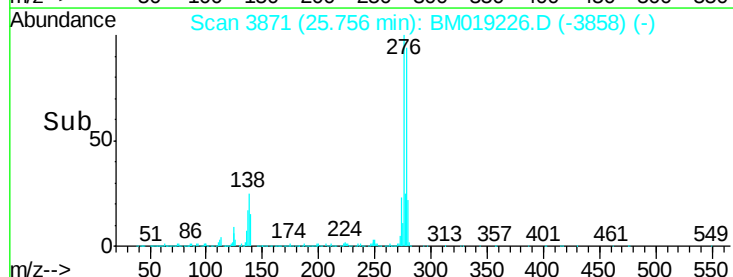
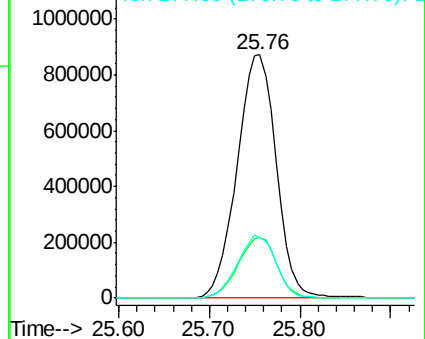
277 25.3 20.3 30.5

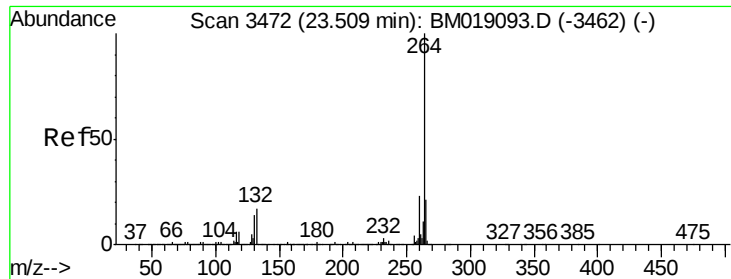


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

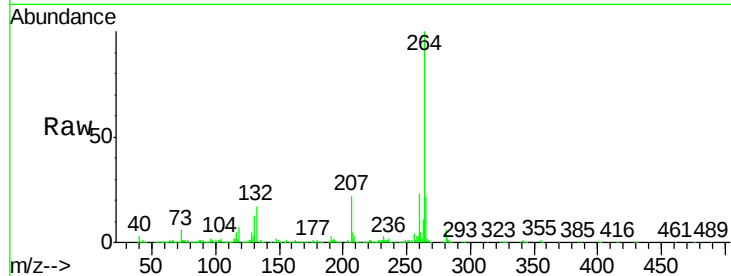




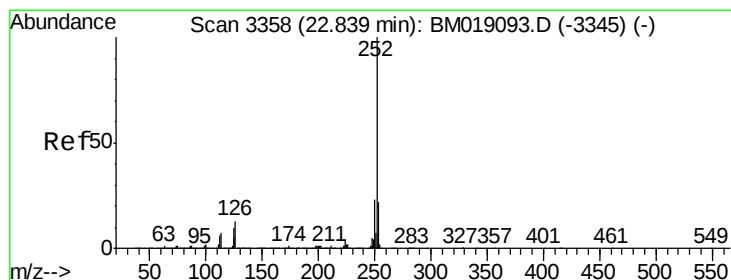
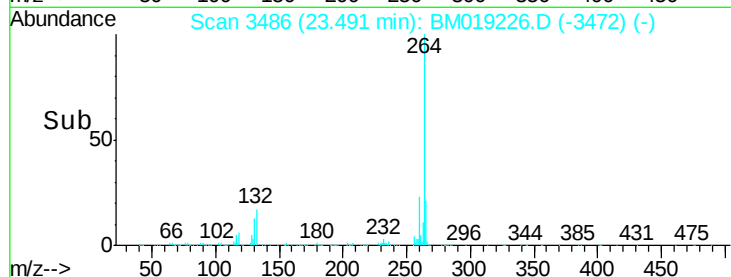
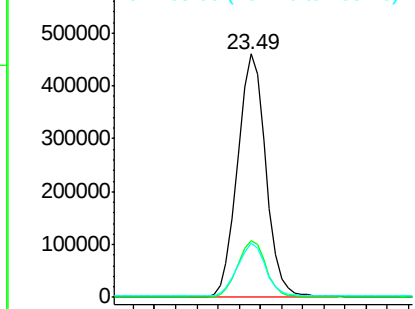
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 855513
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 22.2 17.3 25.9

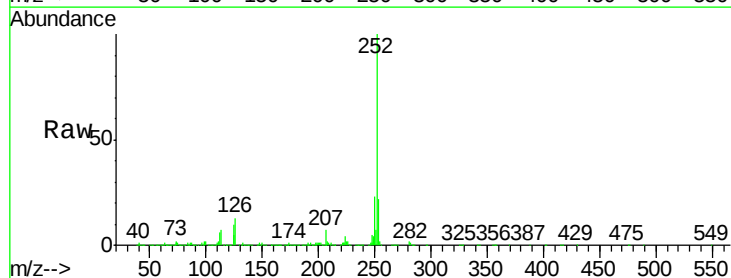


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

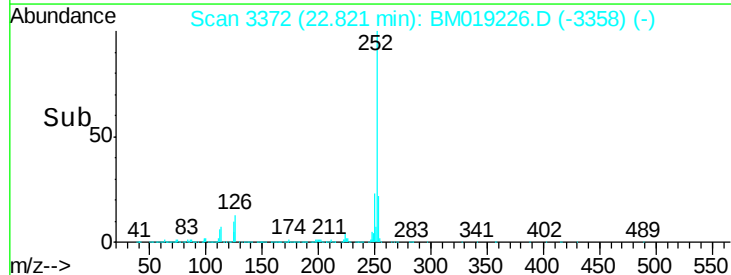
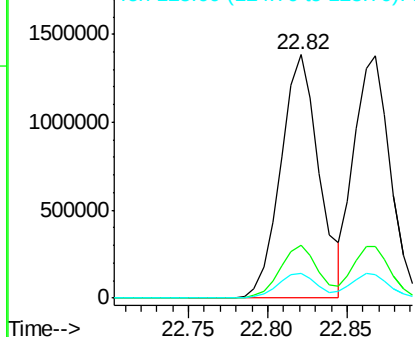


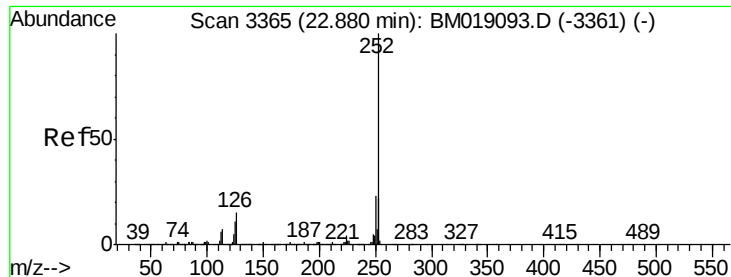
#88
Benzo(b)fluoranthene
Concen: 41.922 ng
RT: 22.82 min Scan# 3372
Delta R.T. -0.02 min
Lab File: BM019226.D
Acq: 18 Mar 2019 21:29

Tgt Ion:252 Resp: 2323962
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.2 8.1 12.1



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





#89

Benzo(k)fluoranthene

Concen: 42.749 ng

RT: 22.87 min Scan# 3380

Delta R.T. -0.01 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

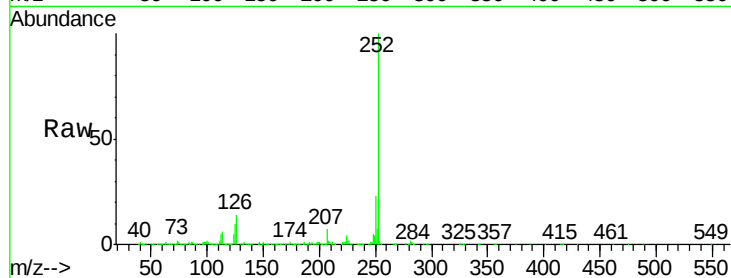
Tgt Ion:252 Resp: 2179665

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

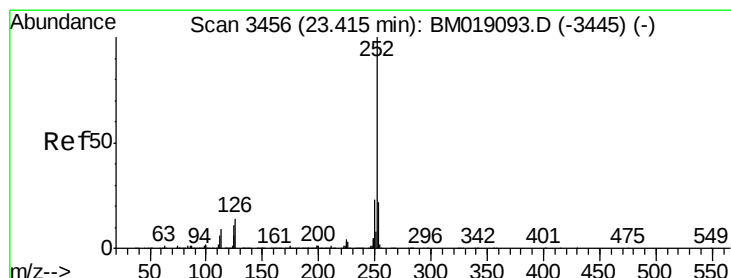
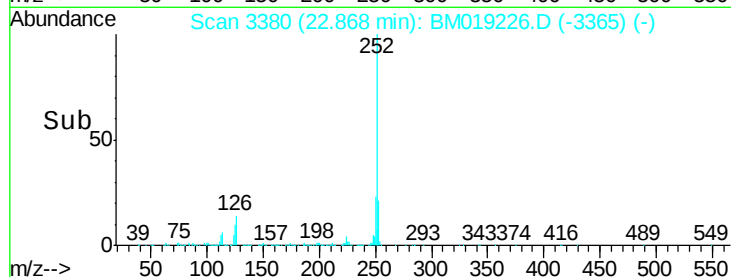
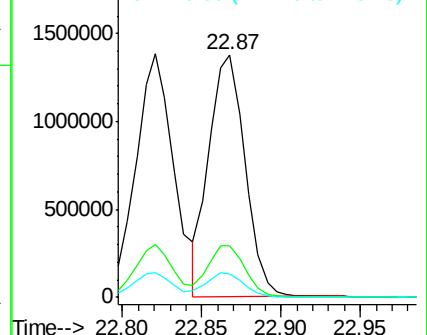
125 9.9 8.8 13.2



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: 43.057 ng

RT: 23.40 min Scan# 3470

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

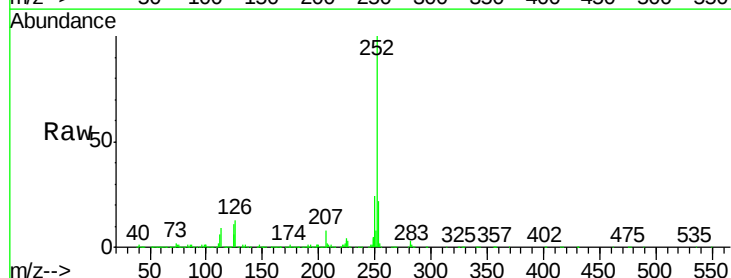
Tgt Ion:252 Resp: 2145001

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

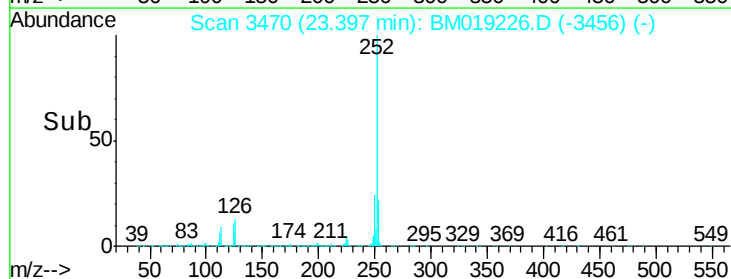
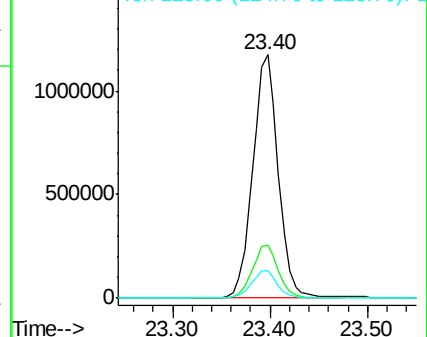
125 11.3 9.2 13.8

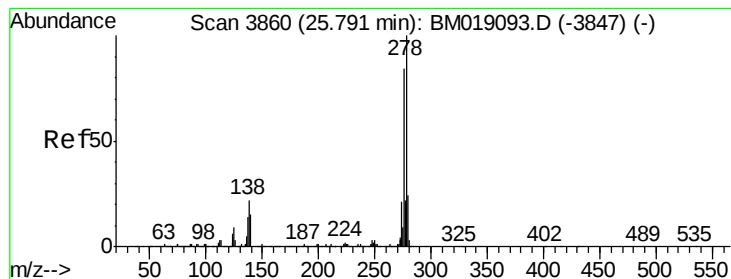


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.998 ng

RT: 25.76 min Scan# 3872

Delta R.T. -0.03 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

Instrument :

BNA_M

ClientSampleId :

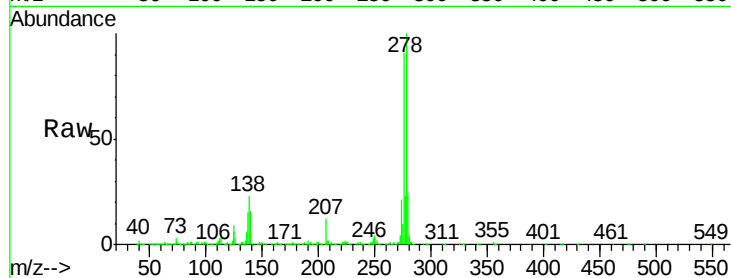
Tgt Ion:278 Resp: 2239716

Ion Ratio Lower Upper

278 100

139 15.8 12.3 18.5

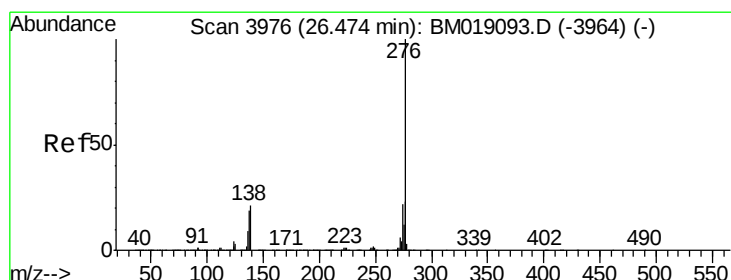
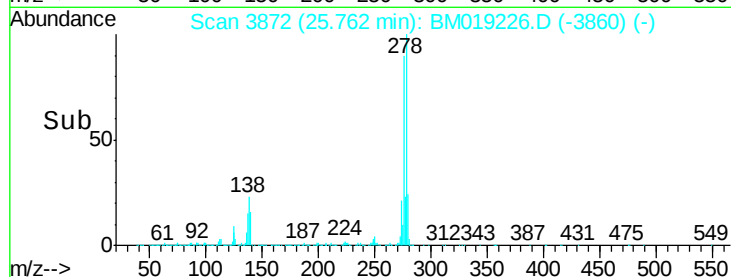
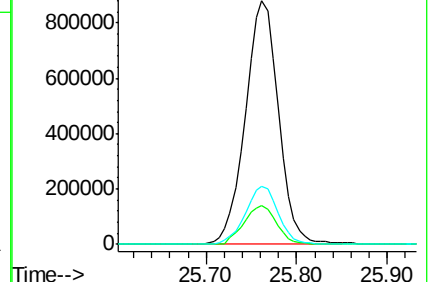
279 23.8 18.9 28.3



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: 48.676 ng

RT: 26.45 min Scan# 3989

Delta R.T. -0.02 min

Lab File: BM019226.D

Acq: 18 Mar 2019 21:29

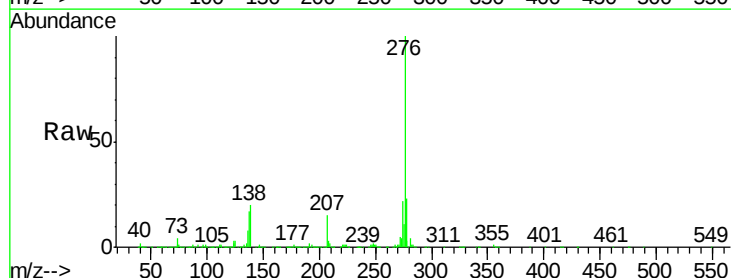
Tgt Ion:276 Resp: 2129705

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 20.5 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

