

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019146.D
 Acq On : 13 Mar 2019 15:14
 Operator : JU/SJ
 Sample : K1824-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

Quant Time: Mar 14 06:53:59 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	7.66	152	207713	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	944673	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	622990	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1476732	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1550937	20.00	ng	0.00
87) Perylene-d12	23.50	264	1369512	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1270159	99.03	ng	0.00
7) Phenol-d6	6.85	99	1946454	103.75	ng	0.00
23) Nitrobenzene-d5	8.83	82	1185522	59.32	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	899178	97.76	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2493675	52.07	ng	0.00
79) Terphenyl-d14	19.70	244	4459572	57.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	134320	23.541	ng	99
3) Pyridine	3.63	79	139564	8.991	ng	97
4) n-Nitrosodimethylamine	3.54	42	123133	25.515	ng	96
6) Aniline	7.00	93	307588	12.699	ng	98
8) 2-Chlorophenol	7.23	128	454110	29.463	ng	99
9) Benzaldehyde	6.82	77	213042	18.054	ng	97
10) Phenol	6.87	94	662238	32.754	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	415330	26.920	ng	97
12) 1,3-Dichlorobenzene	7.55	146	423590	25.970	ng	99
13) 1,4-Dichlorobenzene	7.69	146	434525	26.130	ng	99
14) 1,2-Dichlorobenzene	8.00	146	427904	26.449	ng	99
15) Benzyl Alcohol	7.92	79	455968	29.366	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	413242	26.232	ng	99
17) 2-Methylphenol	8.10	107	415595	31.543	ng	99
18) Hexachloroethane	8.72	117	154907	25.069	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	422547	27.454	ng	99
20) 3+4-Methylphenols	8.43	107	576294	32.224	ng	99
22) Acetophenone	8.49	105	688836	26.385	ng	100
24) Nitrobenzene	8.87	77	579373	27.876	ng	99
25) Isophorone	9.39	82	1091894	28.633	ng	100
26) 2-Nitrophenol	9.57	139	244352	28.363	ng	99
27) 2,4-Dimethylphenol	9.63	122	450642	35.185	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	643249	28.488	ng	99
29) 2,4-Dichlorophenol	10.10	162	469416	33.092	ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	435513	27.228	ng	99
31) Naphthalene	10.49	128	1371281	27.541	ng	99
32) Benzoic acid	9.76	122	88784	8.185	ng	97
33) 4-Chloroaniline	10.63	127	247020	12.102	ng	98
34) Hexachlorobutadiene	10.76	225	234441	25.541	ng	99
35) Caprolactam	11.45	113	71747	14.199	ng	94
36) 4-Chloro-3-methylphenol	11.75	107	582621	33.288	ng	99
37) 2-Methylnaphthalene	12.11	142	1060971	29.323	ng	99
38) 1-Methylnaphthalene	12.33	142	1020210	28.607	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	504655	25.608	ng	99

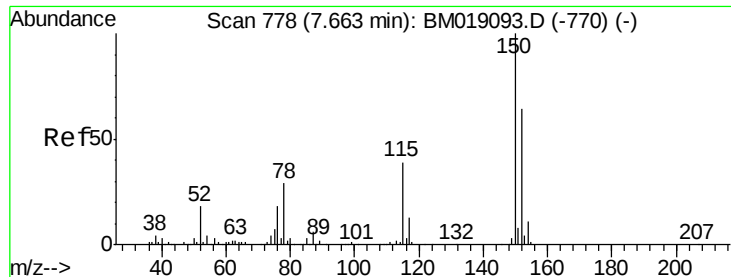
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	509977	57.131	ng	98
43) 2,4,6-Trichlorophenol	12.74	196	399496	31.369	ng	98
44) 2,4,5-Trichlorophenol	12.81	196	421862	30.978	ng	98
46) 1,1'-Biphenyl	13.14	154	1418964	26.081	ng	99
47) 2-Chloronaphthalene	13.18	162	1106605	27.249	ng	100
48) 2-Nitroaniline	13.41	65	413307	30.346	ng	99
49) Acenaphthylene	14.03	152	1860084	27.089	ng	99
50) Dimethylphthalate	13.78	163	1787861	33.547	ng	99
51) 2,6-Dinitrotoluene	13.91	165	341084	29.606	ng	99
52) Acenaphthene	14.38	154	1064313	26.974	ng	98
53) 3-Nitroaniline	14.25	138	236216	19.359	ng	94
54) 2,4-Dinitrophenol	14.46	184	285249	42.635	ng	98
55) Dibenzofuran	14.72	168	1776201	27.914	ng	100
56) 4-Nitrophenol	14.56	139	585795	58.801	ng	99
57) 2,4-Dinitrotoluene	14.70	165	489606	29.277	ng	99
58) Fluorene	15.37	166	1464267	27.918	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	391089	30.848	ng	99
60) Diethylphthalate	15.14	149	1587683	29.415	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	721108	28.308	ng	99
62) 4-Nitroaniline	15.42	138	337085	27.413	ng	99
63) Azobenzene	15.66	77	1648214	29.019	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	228148	23.576	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1309939	27.863	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	440963	27.078	ng	100
68) Hexachlorobenzene	16.36	284	515971	26.651	ng	99
69) Atrazine	16.54	200	467613	29.547	ng	99
70) Pentachlorophenol	16.72	266	628375	53.871	ng	99
71) Phenanthrene	17.11	178	2312071	26.712	ng	100
72) Anthracene	17.20	178	2375926	28.039	ng	99
73) Carbazole	17.49	167	2249571	28.128	ng	99
74) Di-n-butylphthalate	18.03	149	2809166	29.047	ng	100
75) Fluoranthene	19.13	202	2670782	26.890	ng	99
77) Benzidine	19.34	184	324032	7.367	ng	99
78) Pyrene	19.50	202	2763649	28.163	ng	99
80) Butylbenzylphthalate	20.40	149	1314052	30.745	ng	99
81) Benzo(a)anthracene	21.25	228	2563260	26.344	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	677306	18.070	ng	99
83) Chrysene	21.30	228	2483225	26.380	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1962469	31.561	ng	99
85) Di-n-octyl phthalate	22.05	149	3277135	31.298	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2449726	24.176	ng	100
88) Benzo(b)fluoranthene	22.83	252	2458934	27.709	ng	99
89) Benzo(k)fluoranthene	22.87	252	2432987	29.808	ng	99
90) Benzo(a)pyrene	23.41	252	2268814	28.450	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2103203	27.569	ng	99
92) Benzo(g,h,i)perylene	26.46	276	1928952	27.541	ng	99

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

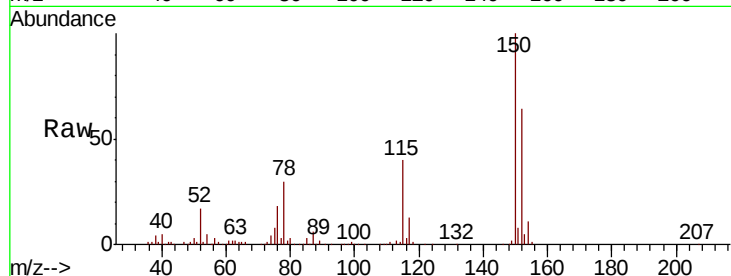


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.3	187.9
115	62.8	49.4	74.0

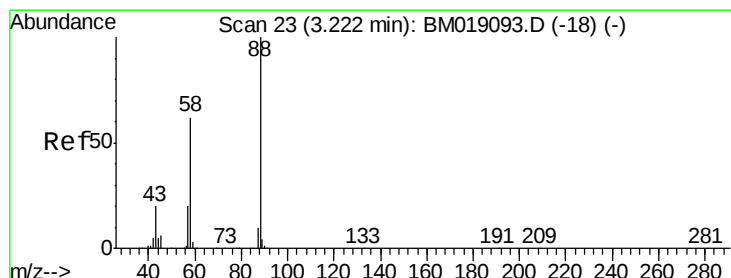
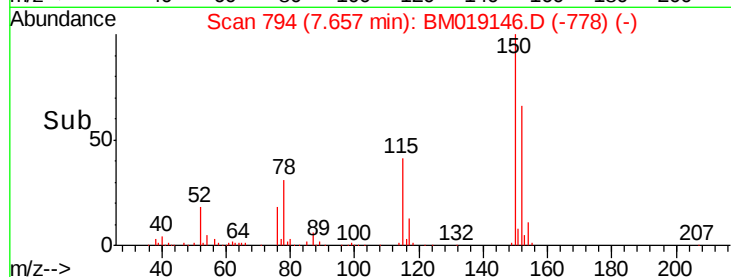
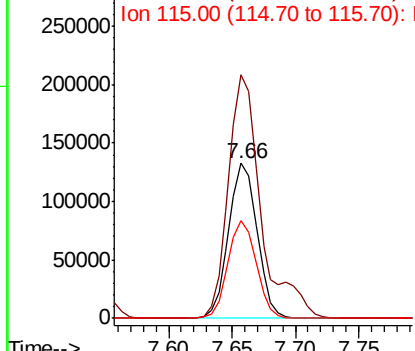


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

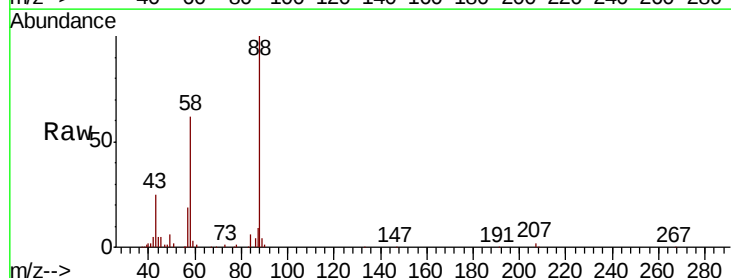
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.541 ng
RT: 3.22 min Scan# 40
Delta R.T. -0.00 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	50.0	75.0
43	22.2	17.0	25.4

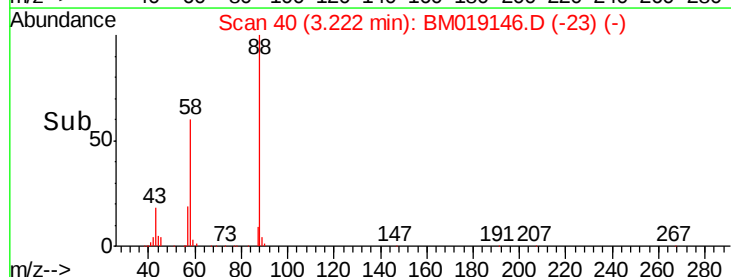
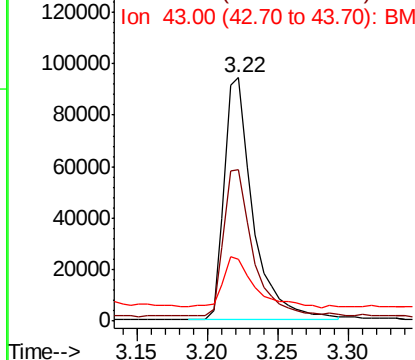


Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

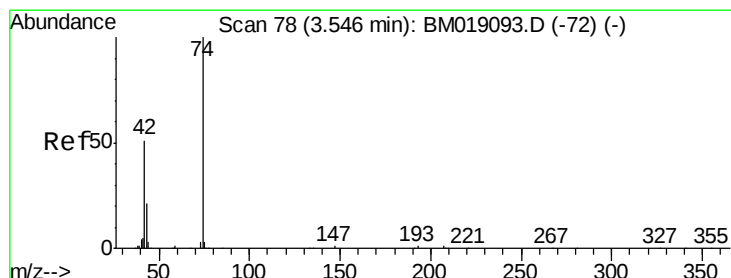
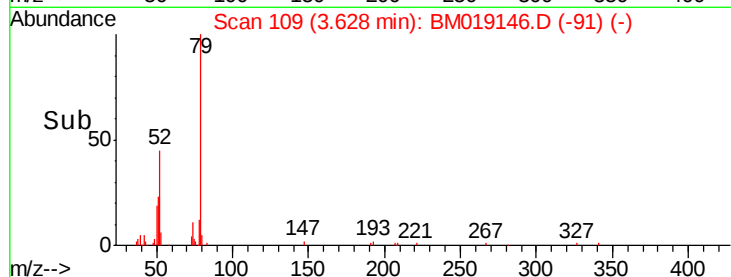
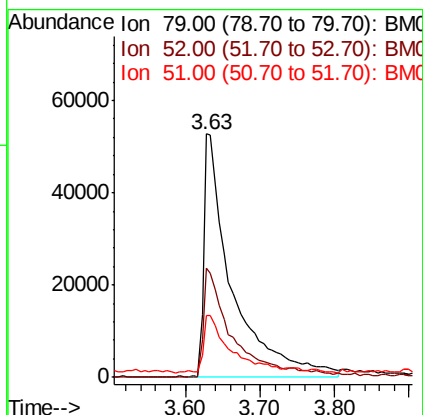
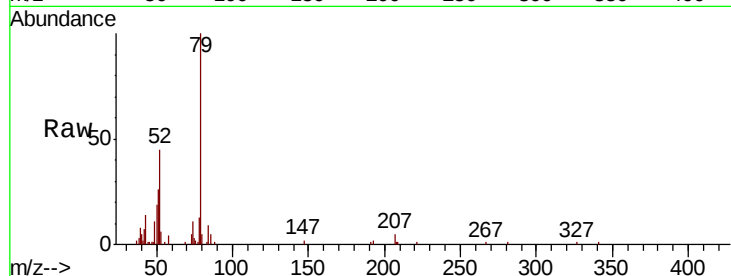




#3
 Pvridine
 Concen: 8.991 ng
 RT: 3.63 min Scan# 109
 Delta R.T. 0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

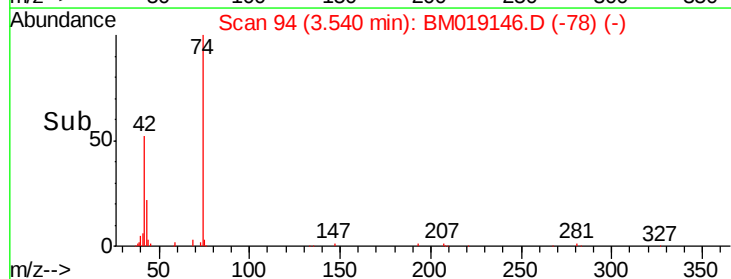
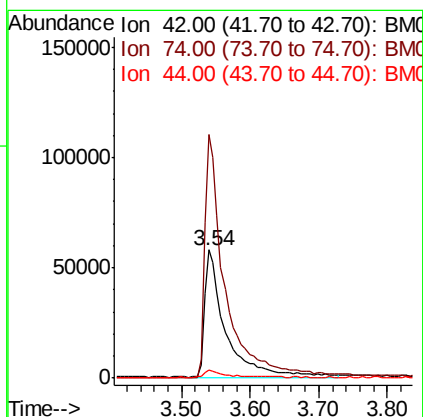
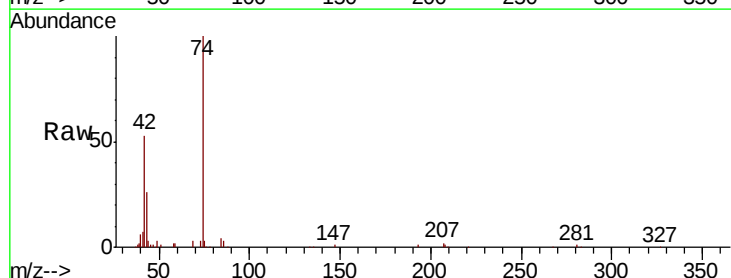
Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

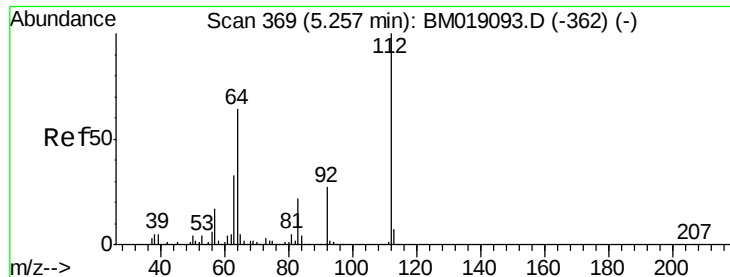
Tot Ion: 79 Resp: 139564
 Ion Ratio Lower Upper
 79 100
 52 44.8 37.5 56.3
 51 25.5 19.2 28.8



#4
 n-Nitrosodimethylamine
 Concen: 25.515 ng
 RT: 3.54 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion: 42 Resp: 123133
 Ion Ratio Lower Upper
 42 100
 74 189.8 156.3 234.5
 44 6.2 4.6 7.0





#5

2-Fluorophenol

Concen: 99.031 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

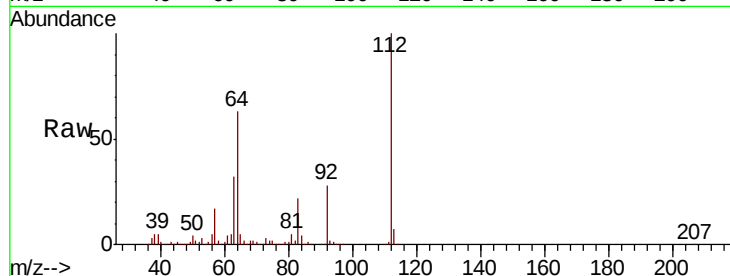
Tot Ion:112 Resp: 1270159

Ion Ratio Lower Upper

112 100

64 63.3 51.4 77.0

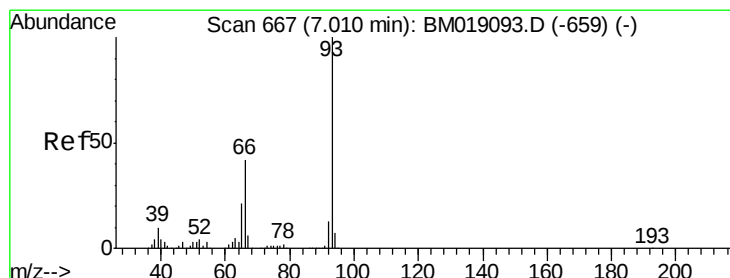
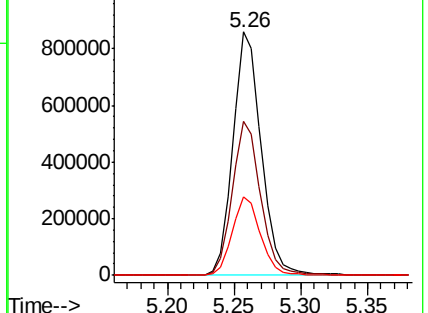
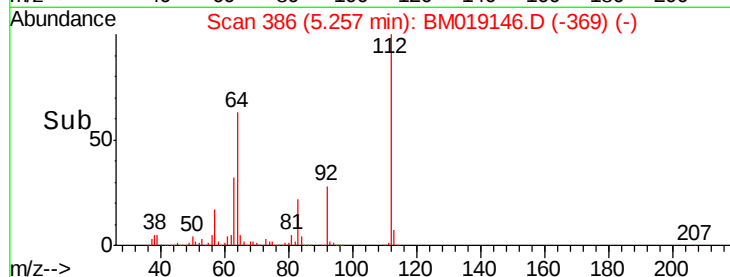
63 32.2 26.6 40.0



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: 12.699 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

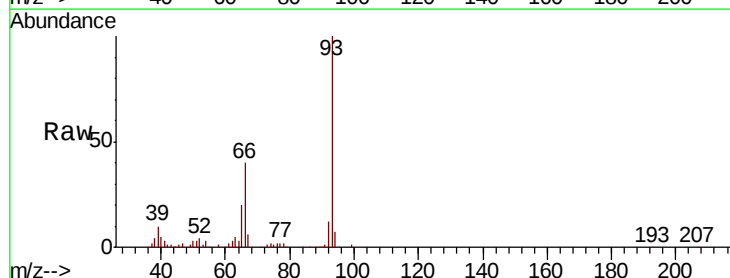
Tgt Ion: 93 Resp: 307588

Ion Ratio Lower Upper

93 100

66 40.3 33.4 50.2

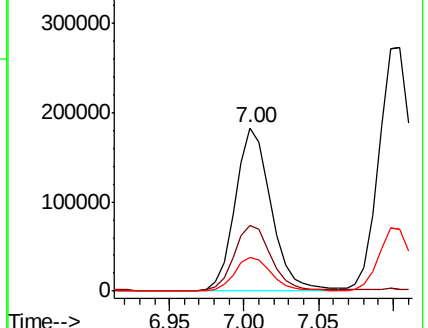
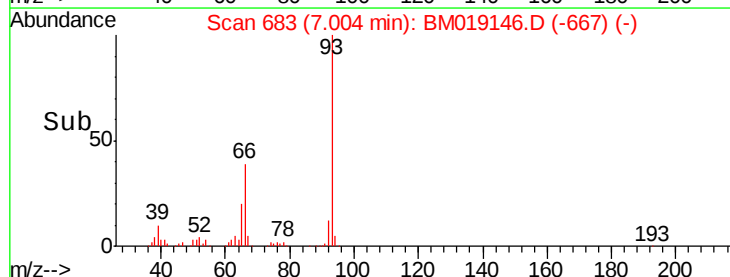
65 20.3 16.8 25.2

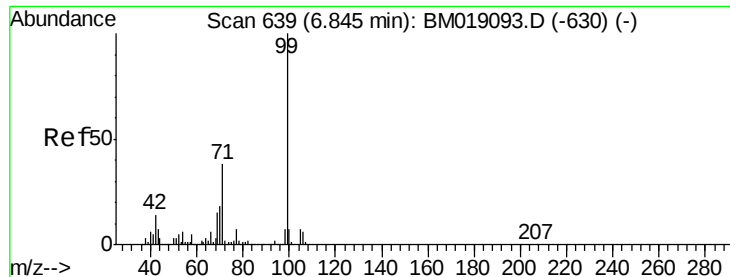


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 103.752 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

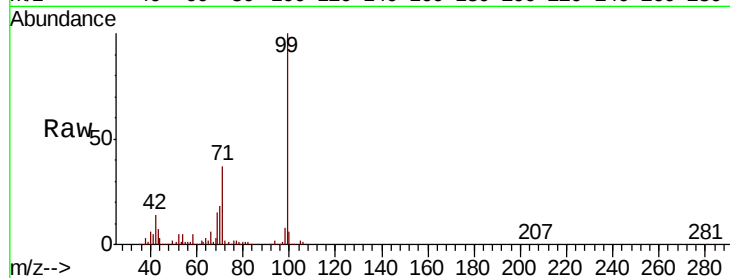
BNA_M

ClientSampleId :

TP-24MS

Tot Ion: 99 Resp: 1946454

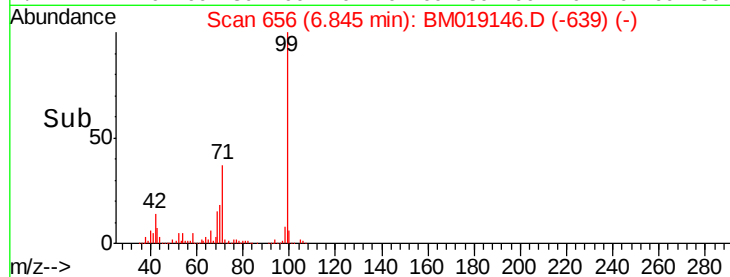
Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.9	16.3
71	37.5	30.3	45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#8

2-Chlorophenol

Concen: 29.463 ng

RT: 7.23 min Scan# 721

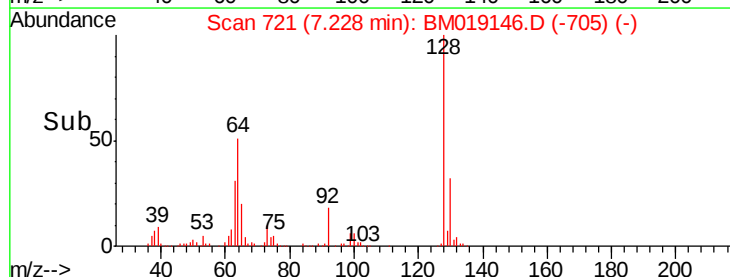
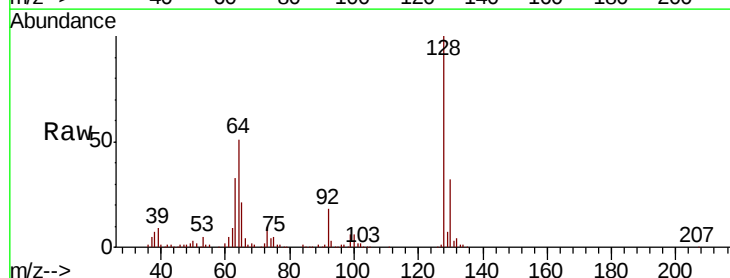
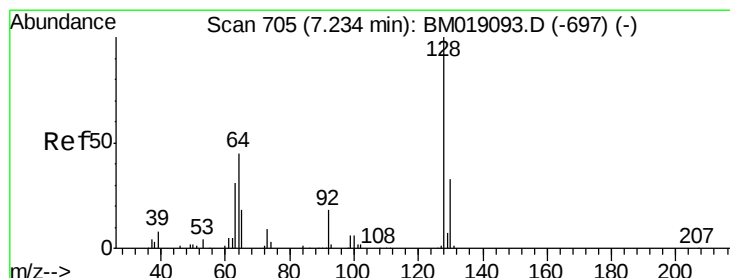
Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Tgt Ion:128 Resp: 454110

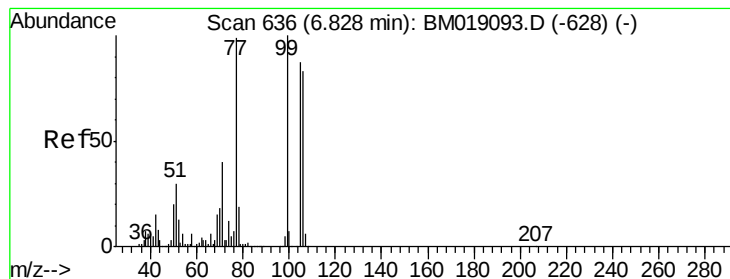
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.8	52.8
64	51.1	30.8	70.8



Abundance Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM019093.D (-697) (-)



#9

Benzaldehyde

Concen: 18.054 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

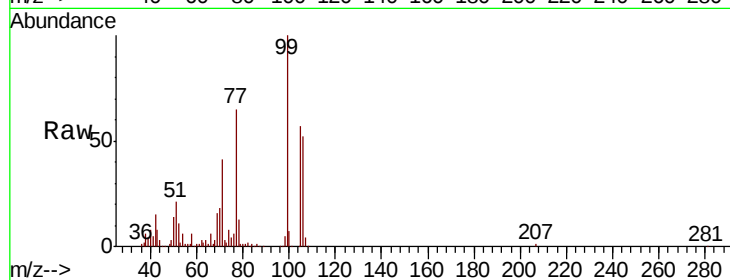
Tot Ion: 77 Resp: 213042

Ion Ratio Lower Upper

77 100

105 87.2 67.7 107.7

106 79.4 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019146.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM019146.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM019146.D (-636) (-)

6.82

150000

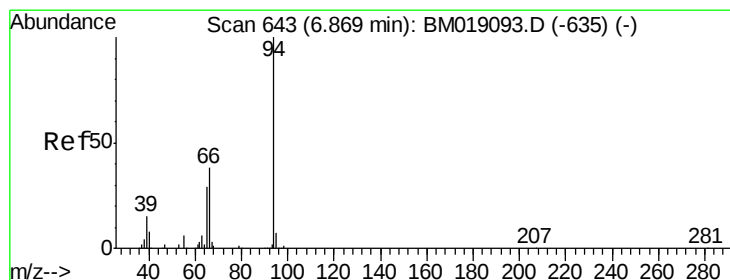
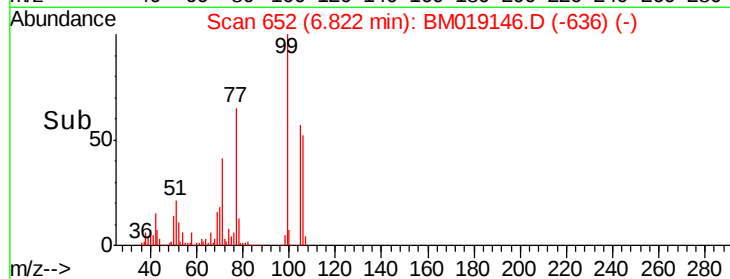
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#10

Phenol

Concen: 32.754 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

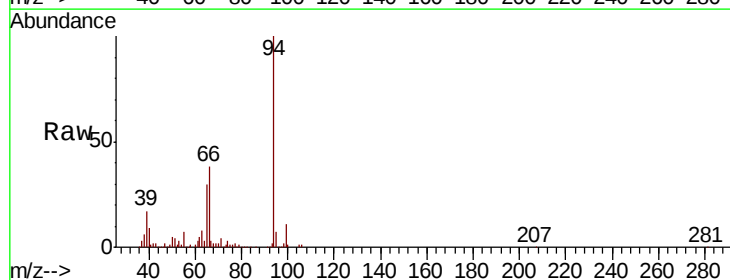
Tgt Ion: 94 Resp: 662238

Ion Ratio Lower Upper

94 100

65 30.0 9.7 49.7

66 38.4 19.2 59.2



Abundance Ion 94.00 (93.70 to 94.70): BM019146.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019146.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019146.D (-643) (-)

6.87

600000

500000

400000

300000

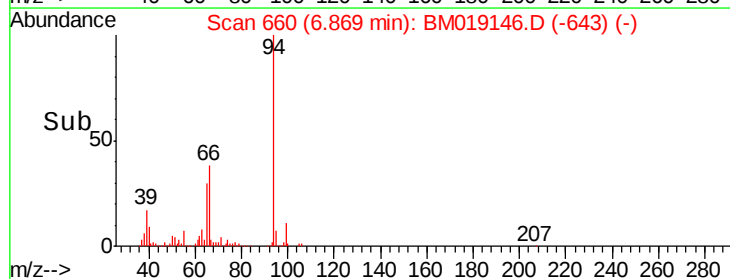
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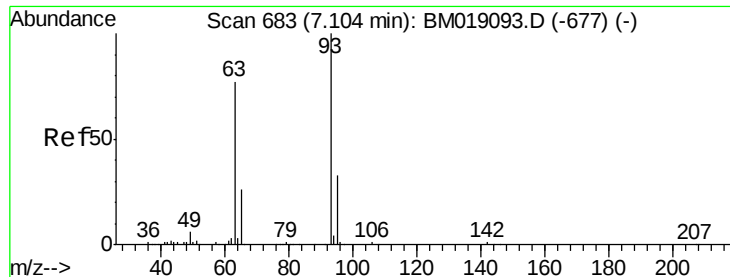
100000

0

6.80 6.85 6.90 6.95

Time-->

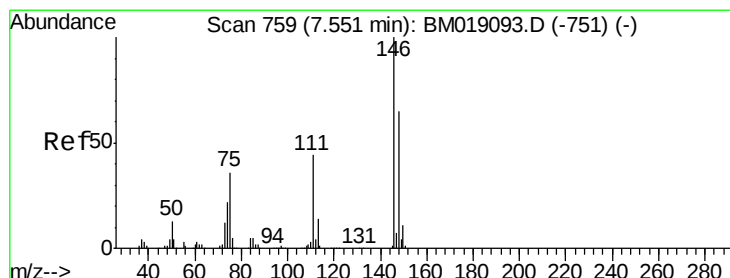
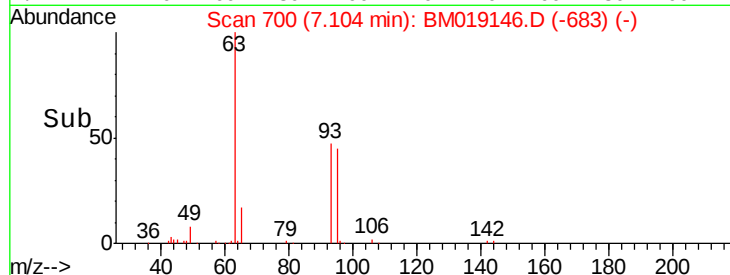
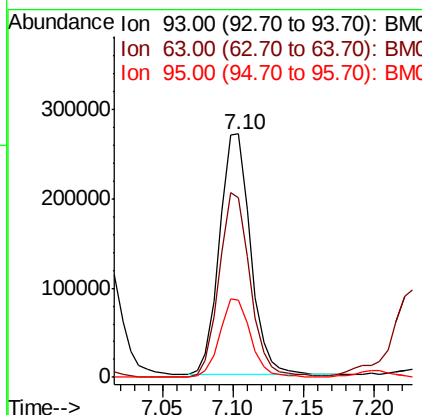
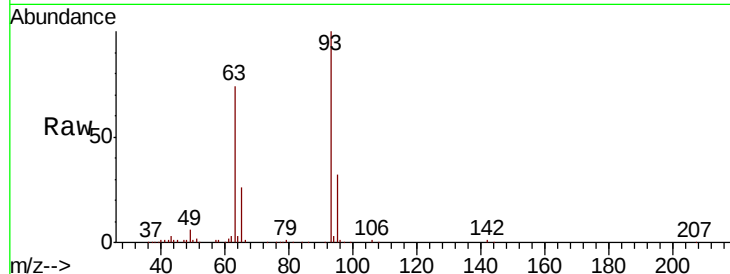




#11
bis(2-Chloroethyl)ether
Concen: 26.920 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.00 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

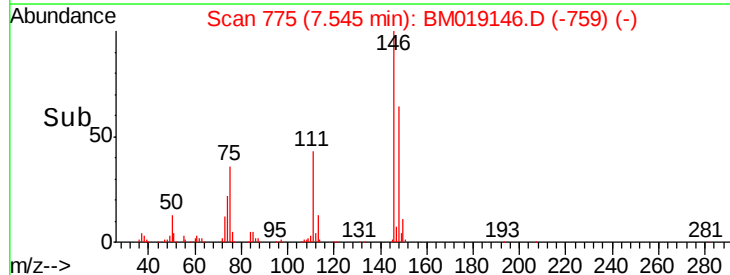
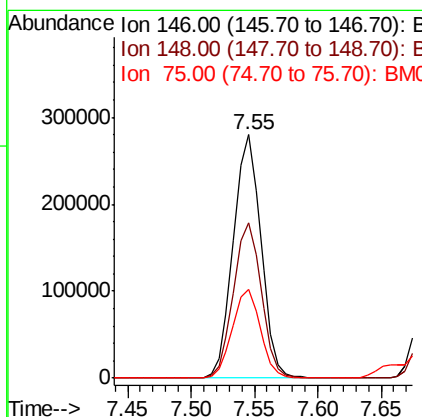
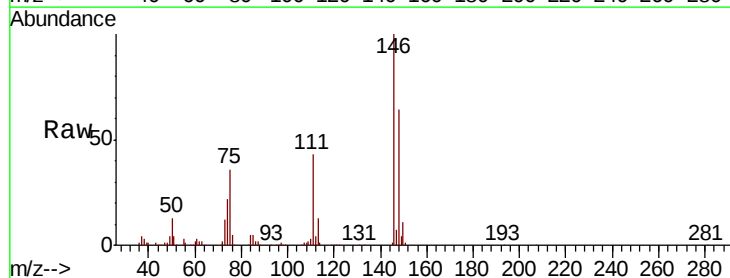
Instrument :
BNA_M
ClientSampleId :
TP-24MS

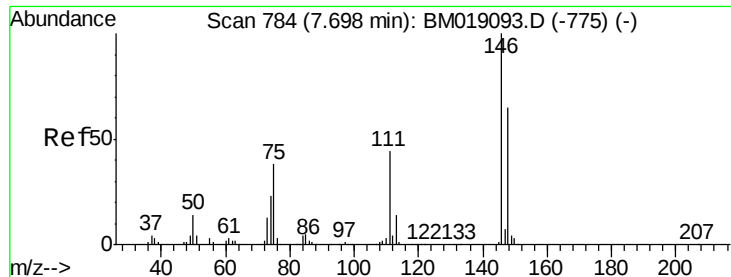
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.8	56.6	96.6
95	31.7	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 25.970 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
75	36.4	29.1	43.7

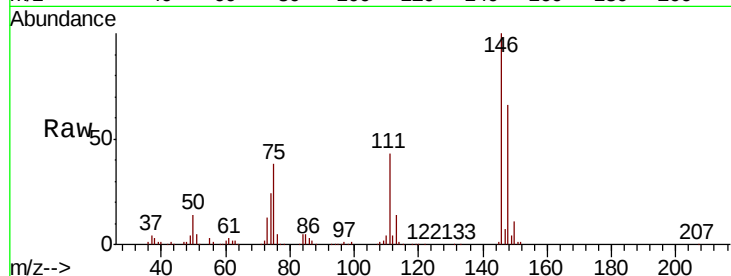




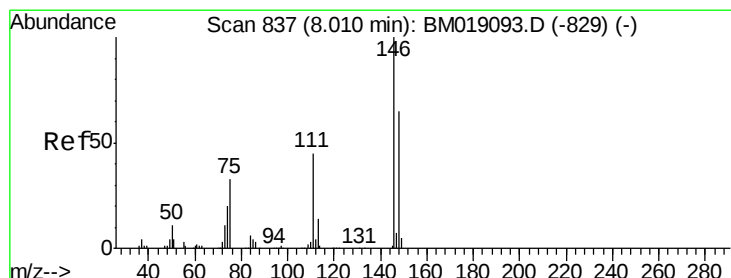
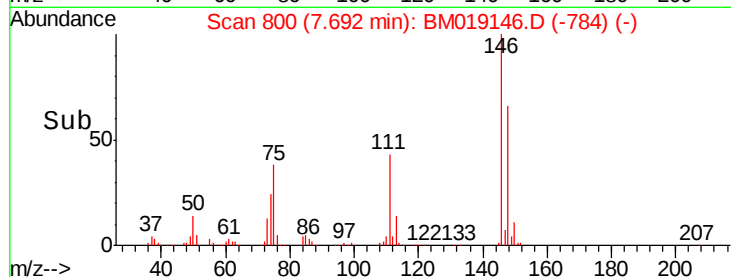
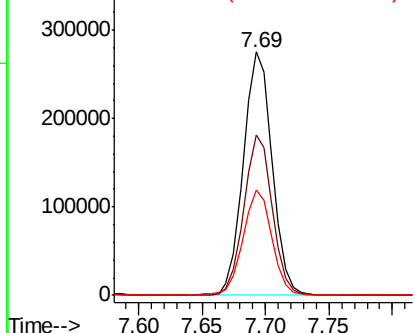
#13
 1,4-Dichlorobenzene
 Concen: 26.130 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Instrument :
 BNA_M
 ClientSampled :
 TP-24MS

Tot Ion:146 Resp: 434525
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 111 43.0 35.4 53.0

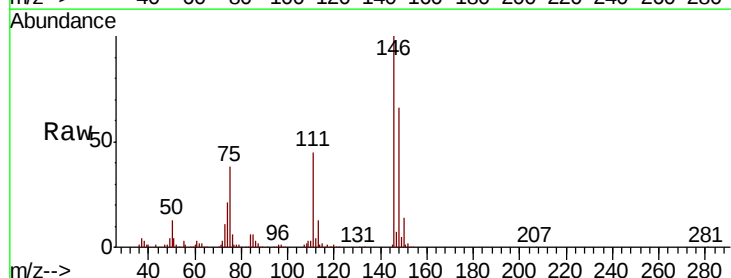


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

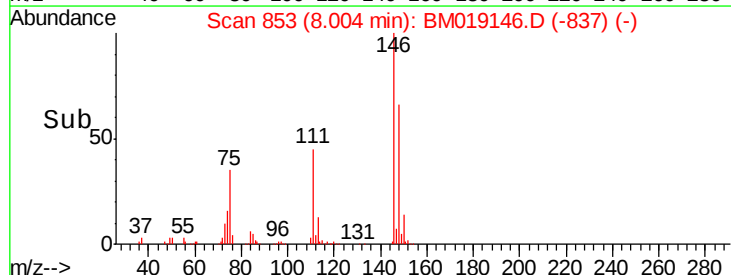
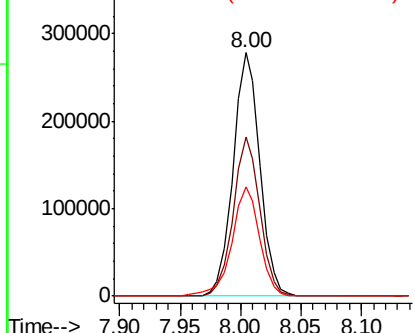


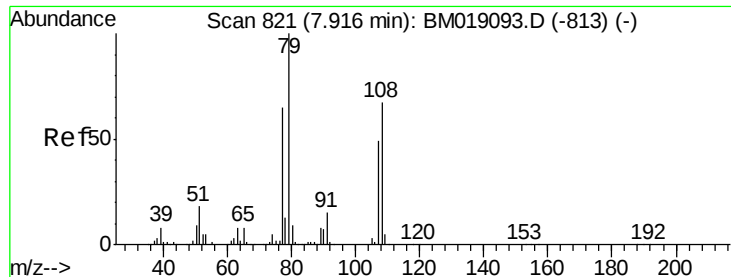
#14
 1,2-Dichlorobenzene
 Concen: 26.449 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion:146 Resp: 427904
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.8 77.6
 111 44.9 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.366 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

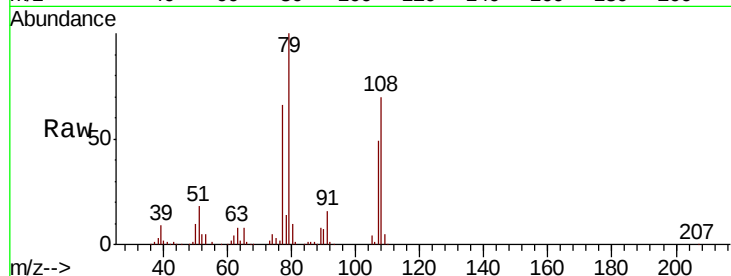
Tot Ion: 79 Resp: 455968

Ion Ratio Lower Upper

79 100

108 69.9 53.7 80.5

77 65.6 51.8 77.8

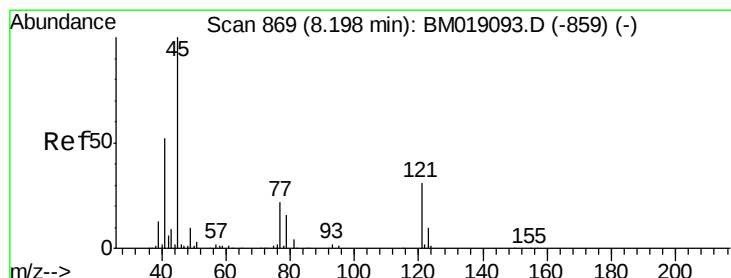
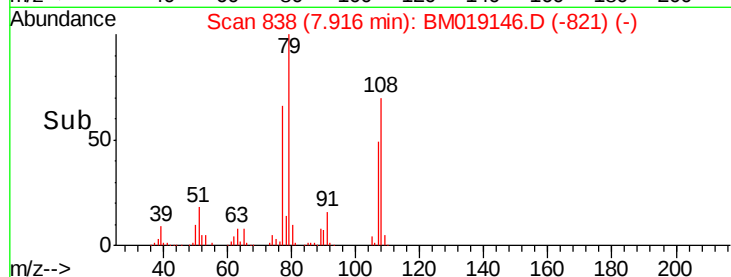


Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)

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

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

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.232 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.02 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

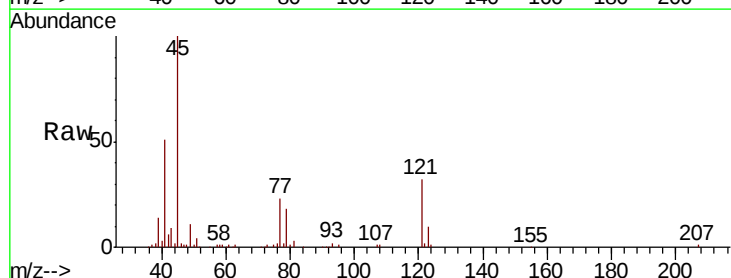
Tgt Ion: 45 Resp: 413242

Ion Ratio Lower Upper

45 100

77 23.4 4.1 44.1

79 17.6 0.0 38.1

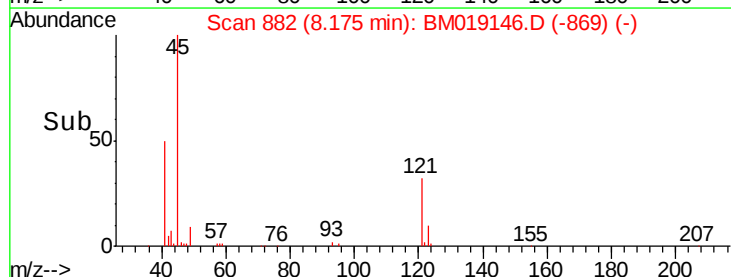


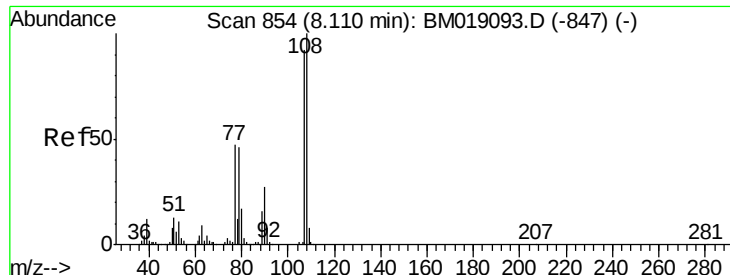
Abundance Ion 45.00 (44.70 to 45.70): BM019093.D (-859) (-)

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

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

Time-->

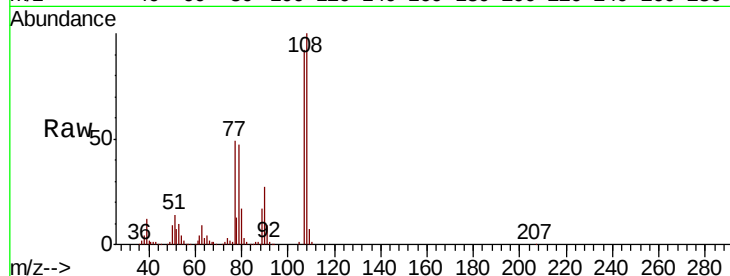




#17
2-Methylphenol
Concen: 31.543 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion:	107	Resp:	415595
Ion	Ratio	Lower	Upper
107	100		
108	108.2	87.4	131.2
77	52.9	41.6	62.4
79	51.3	40.6	60.8



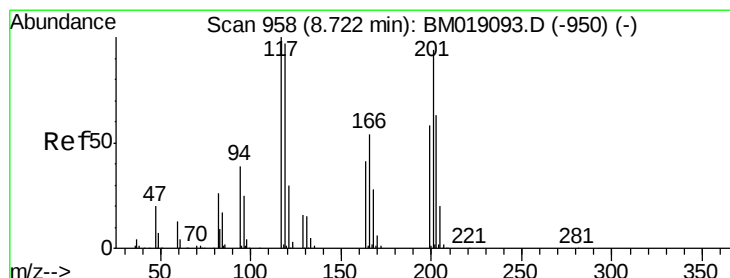
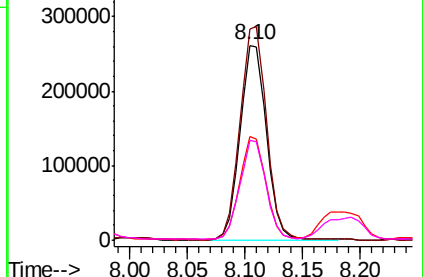
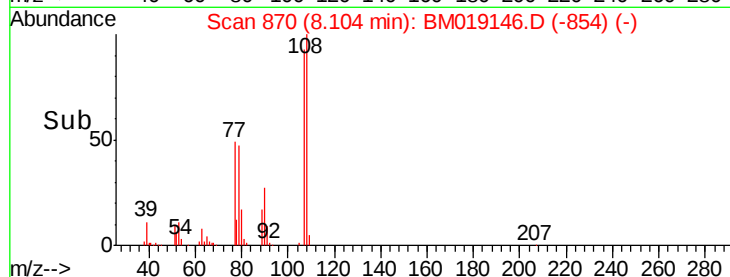
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

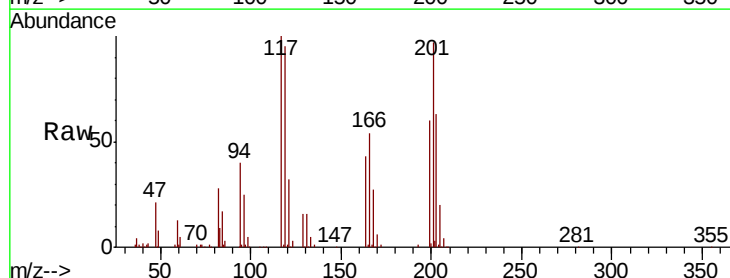
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 25.069 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:	117	Resp:	154907
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.2
201	97.3	75.2	112.8

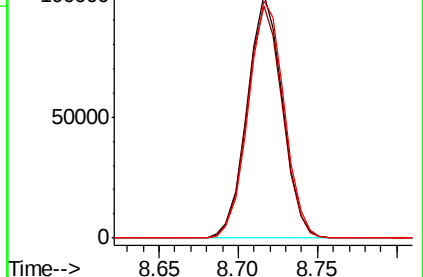
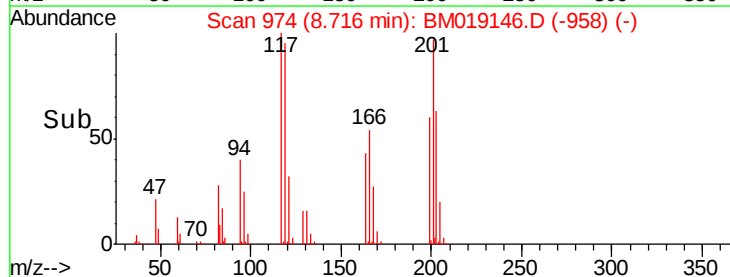


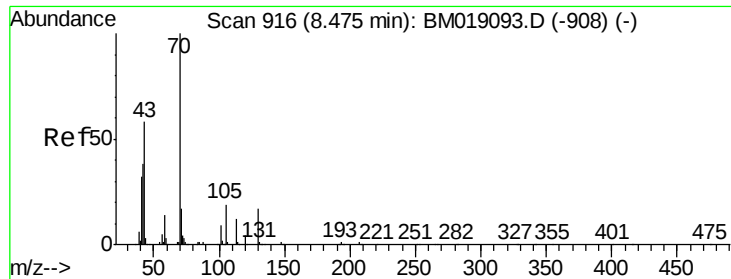
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

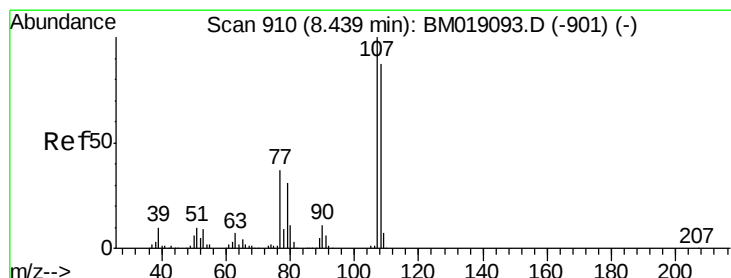
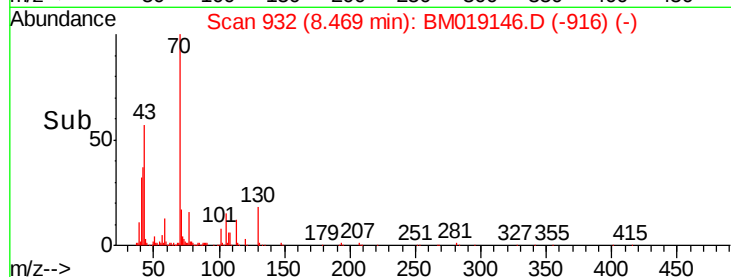
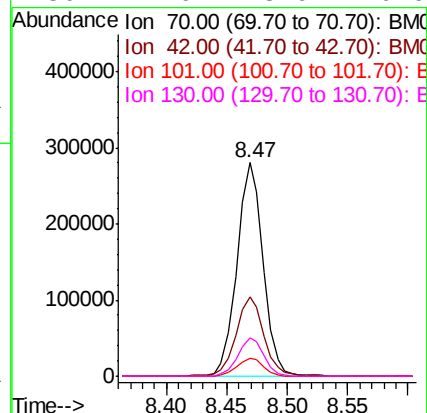
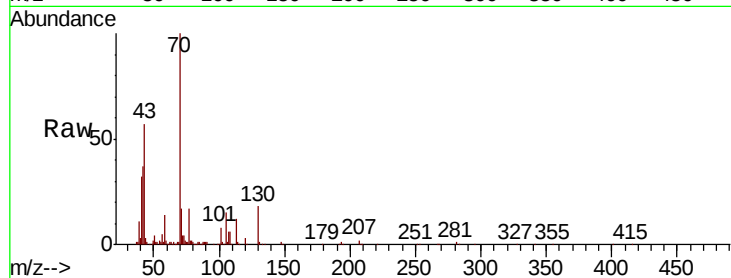




#19
n-Nitroso-di-n-propylamine
Concen: 27.454 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

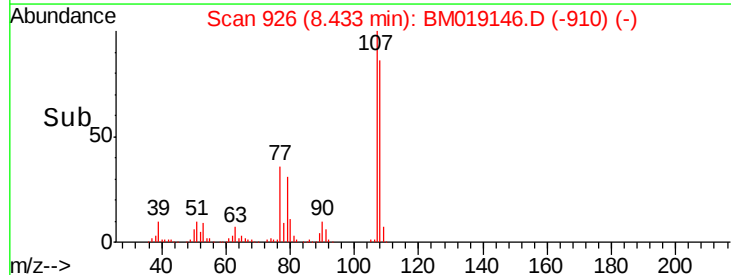
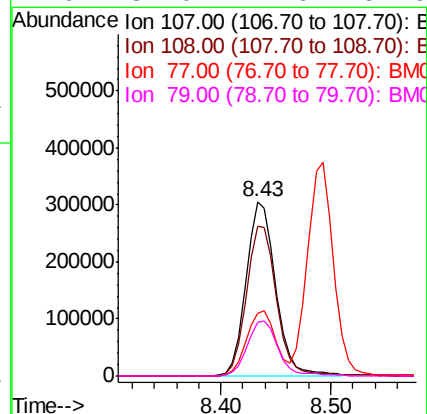
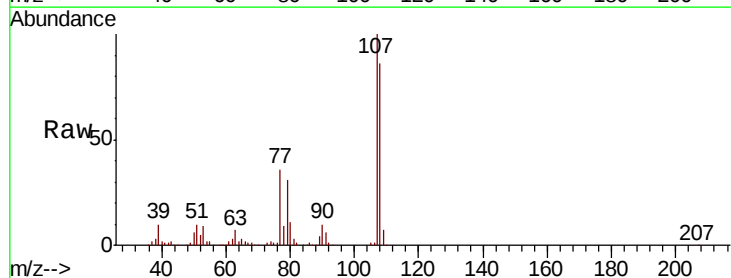
Instrument :
BNA_M
ClientSampleId :
TP-24MS

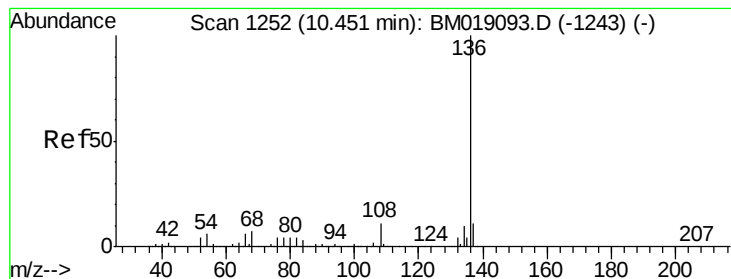
Tot Ion:	70	Resp:	422547
Ion	Ratio	Lower	Upper
70	100		
42	37.3	30.6	45.8
101	8.4	6.8	10.2
130	17.9	13.9	20.9



#20
3+4-Methylphenols
Concen: 32.224 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:	107	Resp:	576294
Ion	Ratio	Lower	Upper
107	100		
108	85.7	67.0	107.0
77	36.3	17.3	57.3
79	31.0	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

Tot Ion:136 Resp: 944673

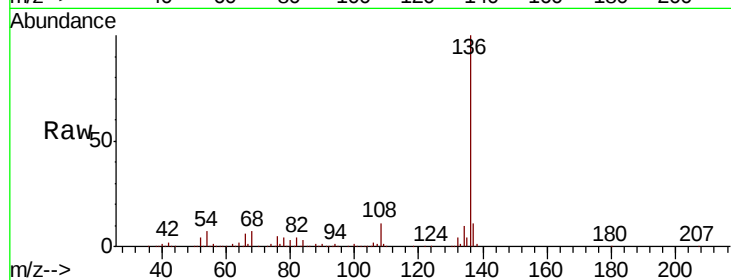
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 6.6 5.2 7.8

68 7.1 5.8 8.8

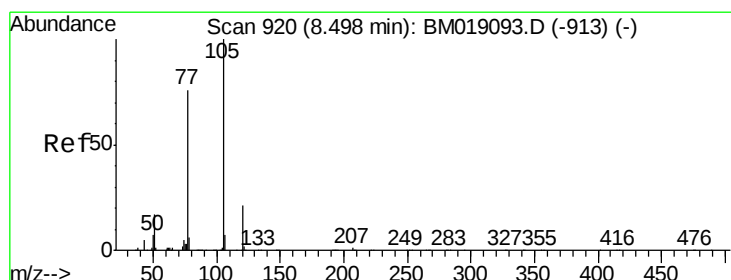
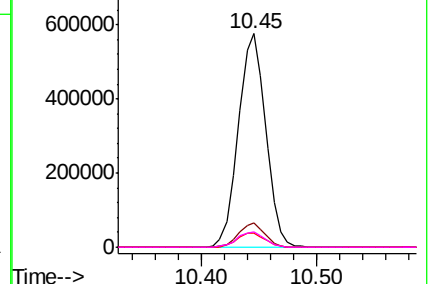
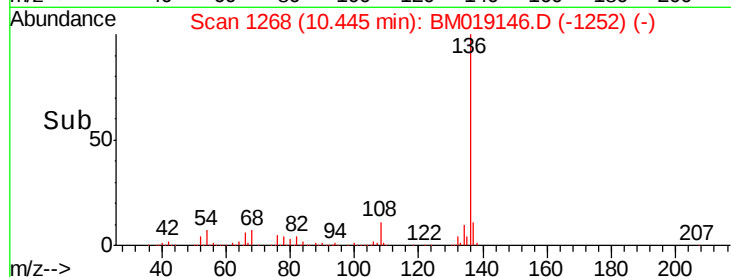


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.385 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Tgt Ion:105 Resp: 688836

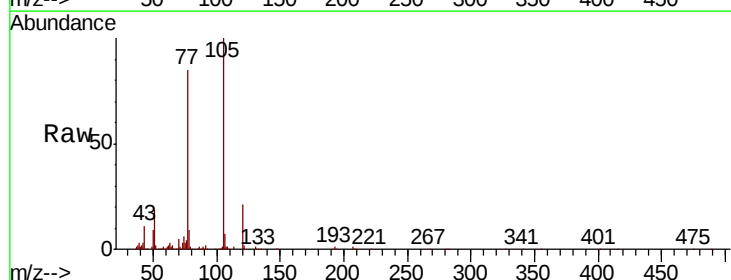
Ion Ratio Lower Upper

105 100

71 1.0 0.8 1.2

51 19.4 15.8 23.6

120 21.1 17.0 25.4

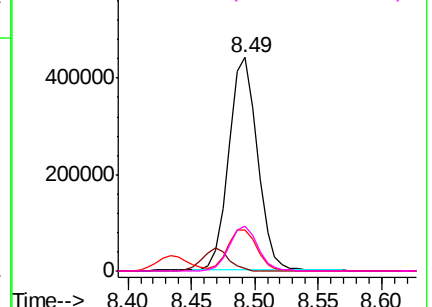
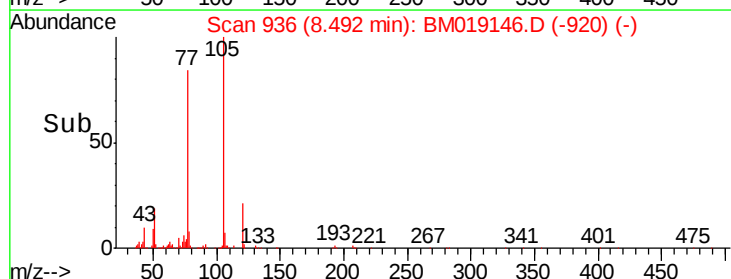


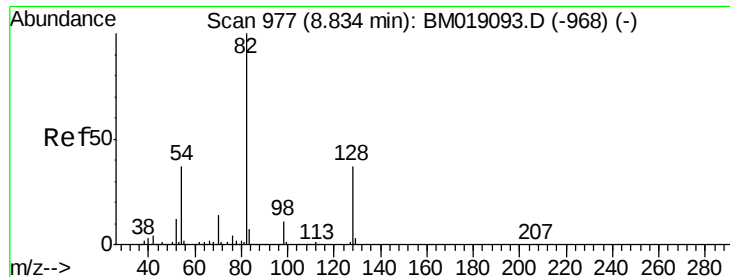
Abundance Ion 105.00 (104.70 to 105.70): E

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



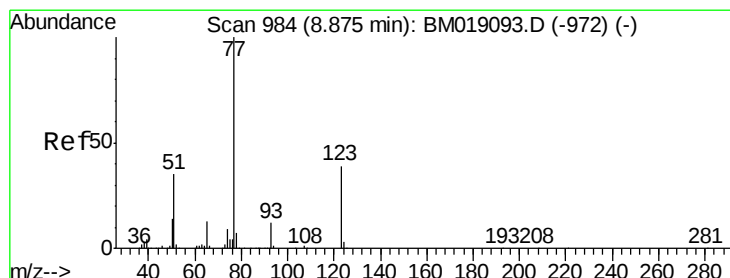
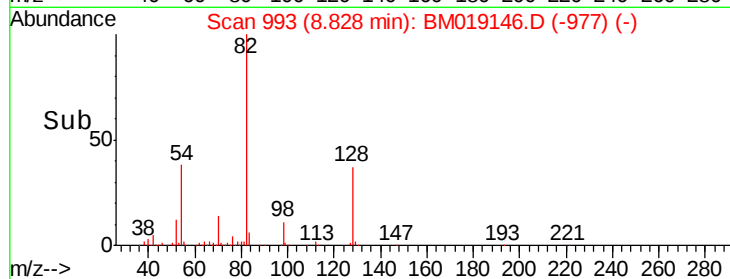
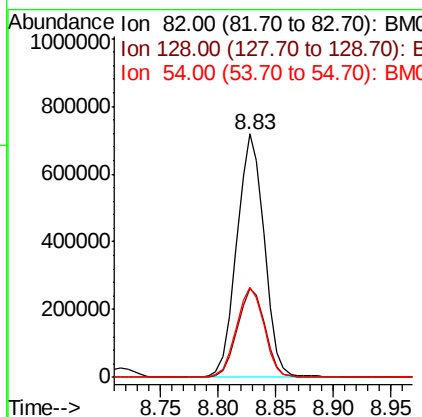
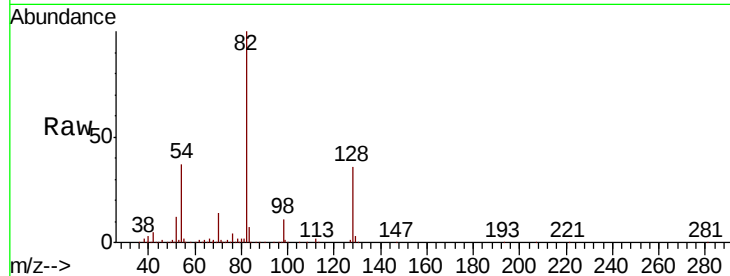


#23
 Nitrobenzene-d5
 Concen: 59.322 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

Tot Ion: 82 Resp: 1185522

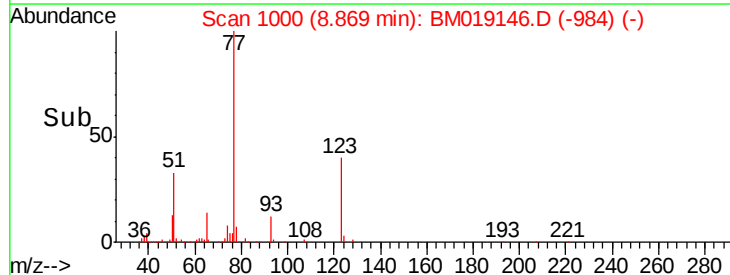
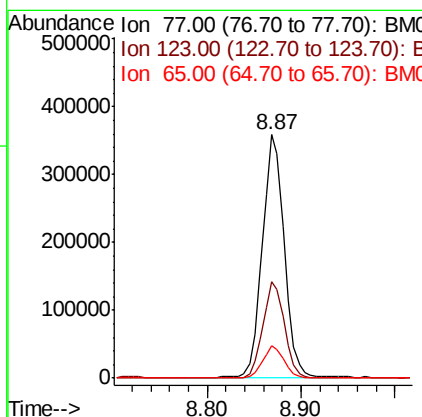
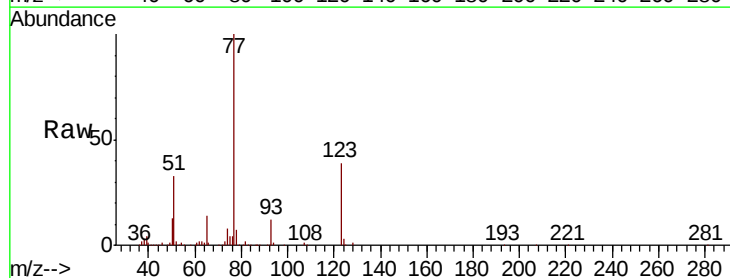
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.4	44.2
54	37.1	29.9	44.9

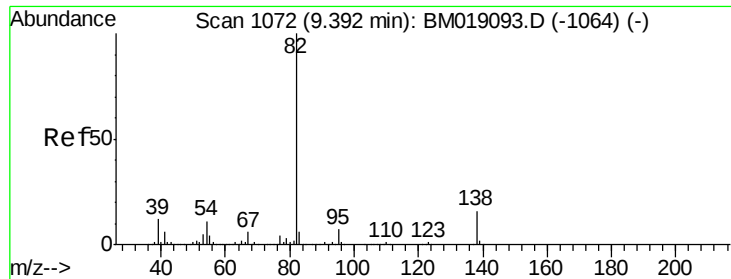


#24
 Nitrobenzene
 Concen: 27.876 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion: 77 Resp: 579373

Ion	Ratio	Lower	Upper
77	100		
123	39.5	31.3	46.9
65	13.5	10.5	15.7

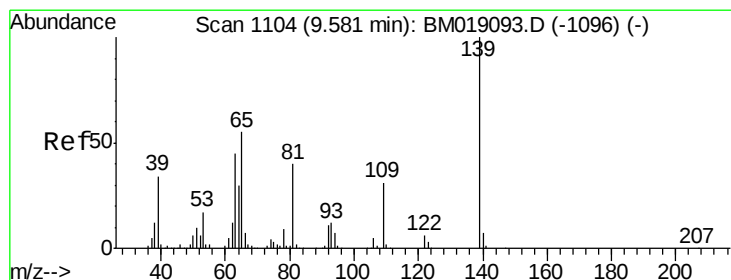
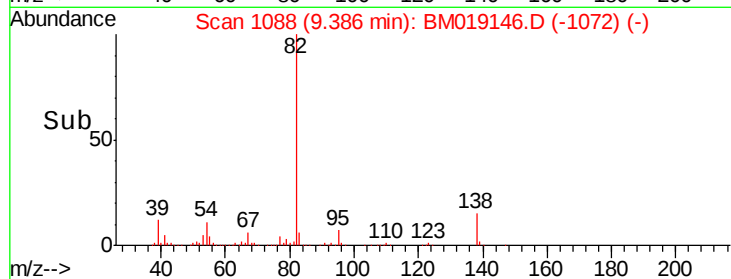
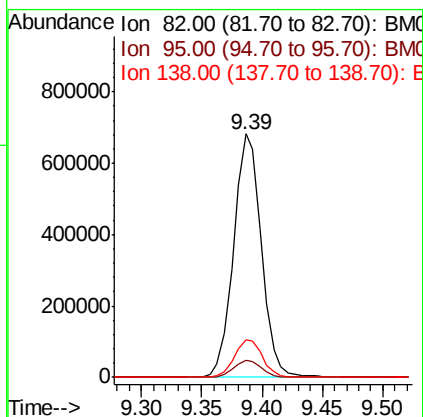
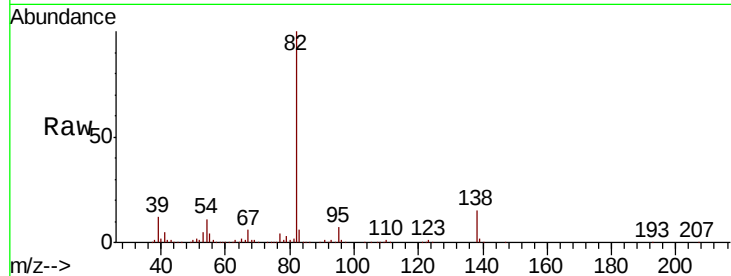




#25
Isophorone
Concen: 28.633 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

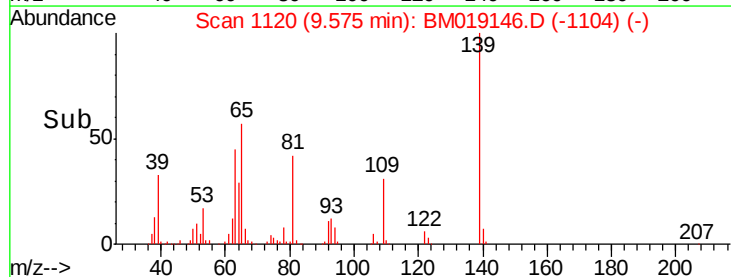
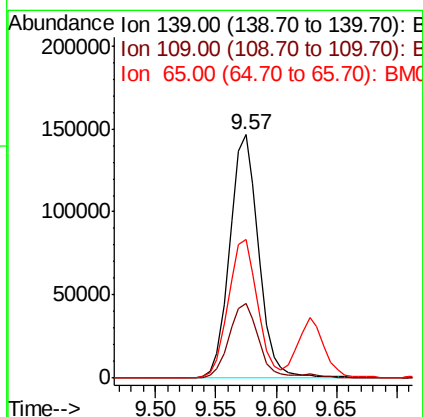
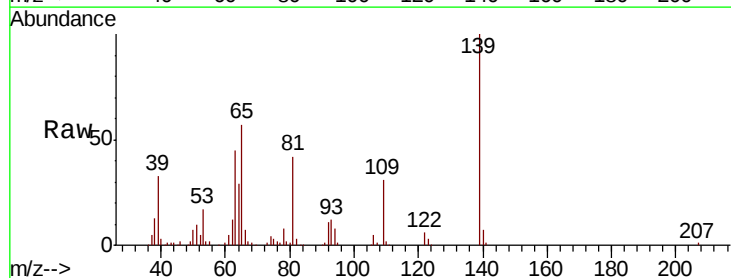
Instrument :
BNA_M
ClientSampled :
TP-24MS

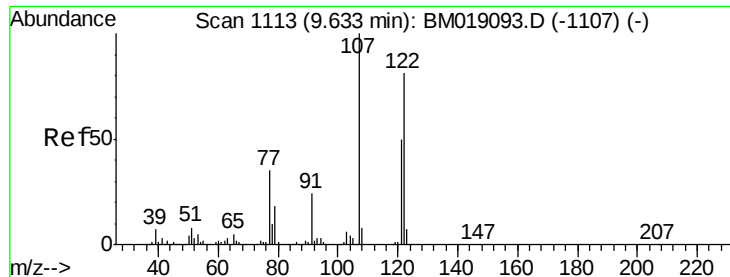
Tot Ion: 82 Resp: 1091894
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 15.5 12.6 18.8



#26
2-Nitrophenol
Concen: 28.363 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion: 139 Resp: 244352
Ion Ratio Lower Upper
139 100
109 30.7 24.5 36.7
65 57.0 44.4 66.6

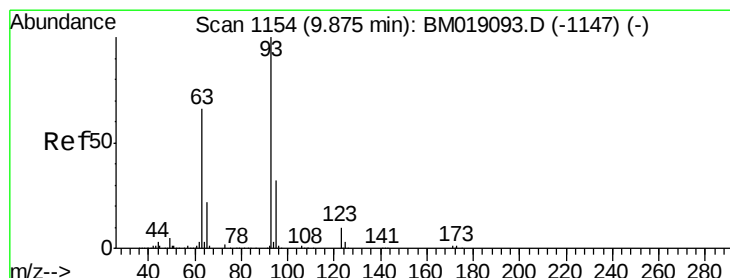
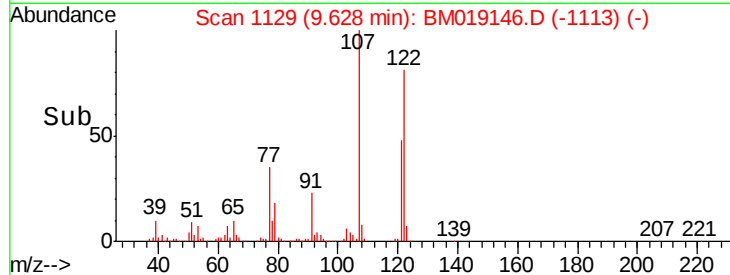
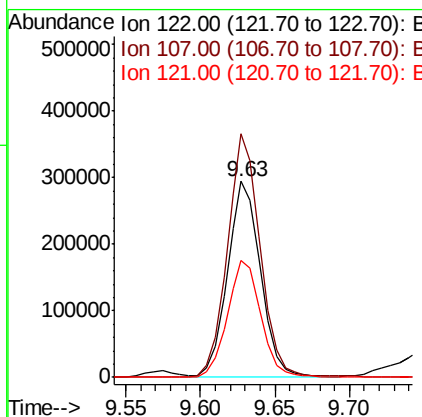
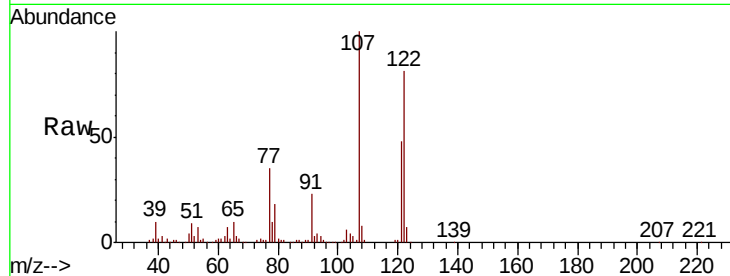




#27
 2,4-Dimethylphenol
 Concen: 35.185 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

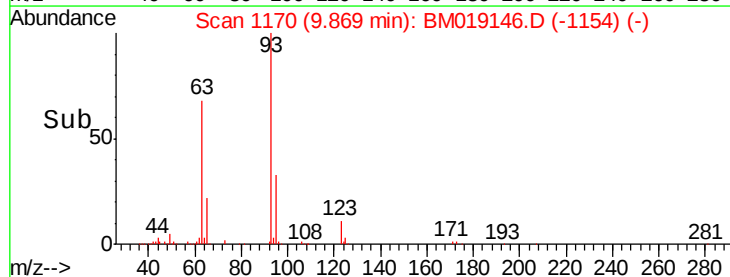
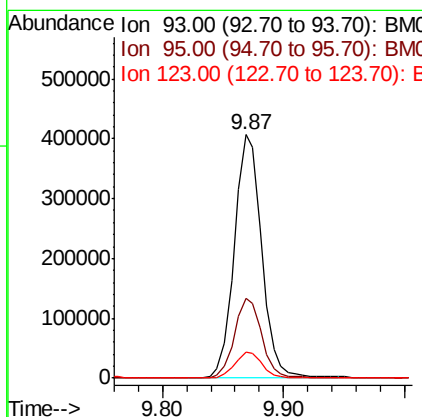
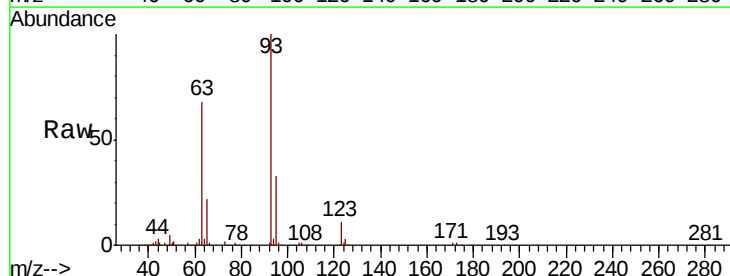
Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

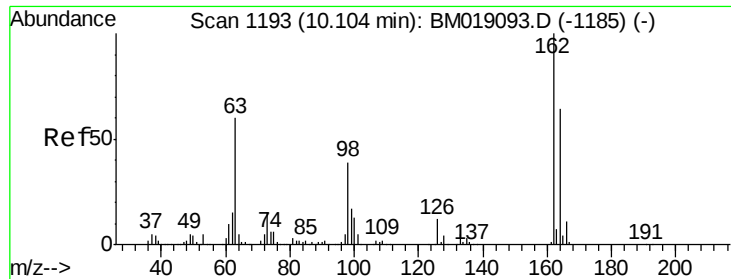
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	98.2	147.4
121	59.5	48.8	73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.488 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.8
123	10.9	7.9	11.9

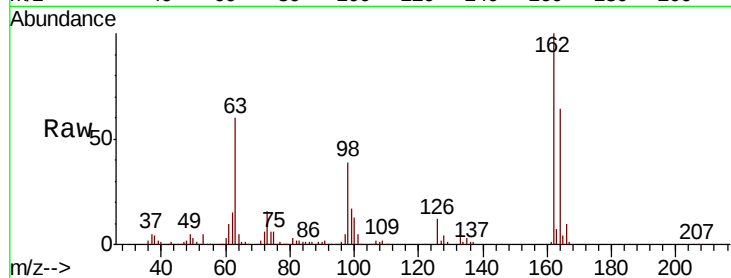




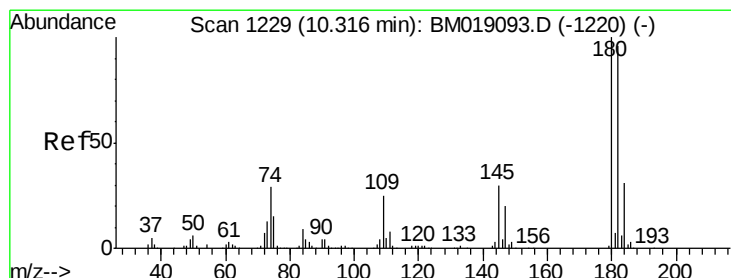
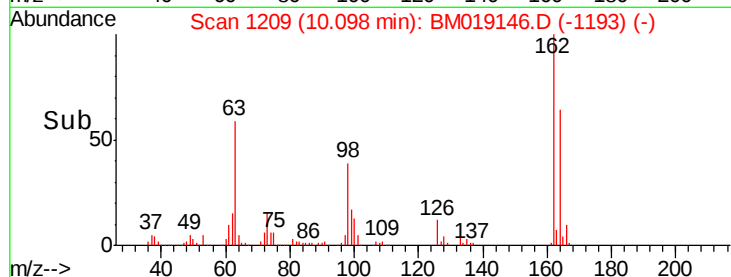
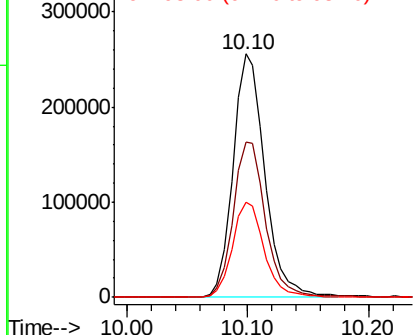
#29
2,4-Dichlorophenol
Concen: 33.092 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion:162 Resp: 469416
Ion Ratio Lower Upper
162 100
164 63.8 43.5 83.5
98 38.9 19.1 59.1

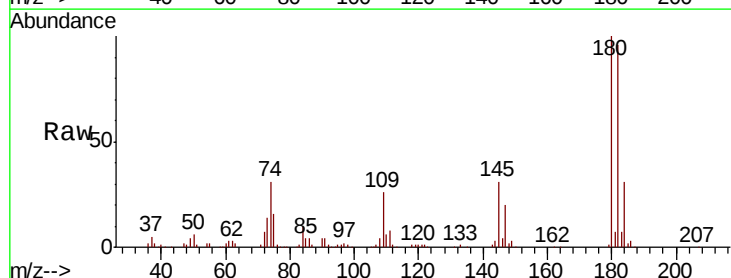


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

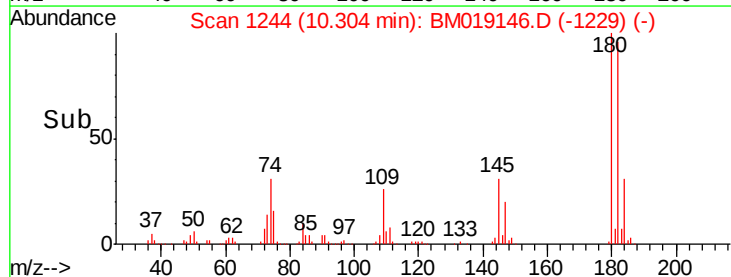
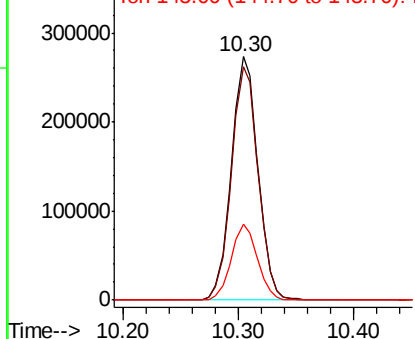


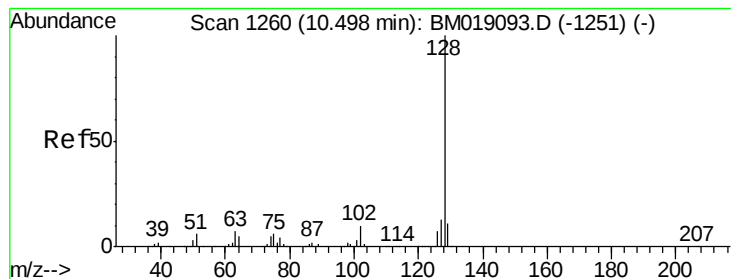
#30
1,2,4-Trichlorobenzene
Concen: 27.228 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:180 Resp: 435513
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 31.4 24.3 36.5



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 27.541 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

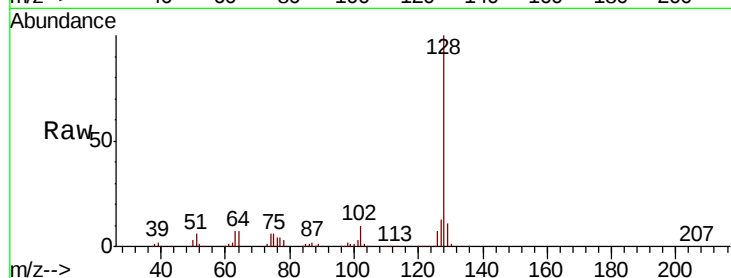
Tot Ion:128 Resp: 1371281

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

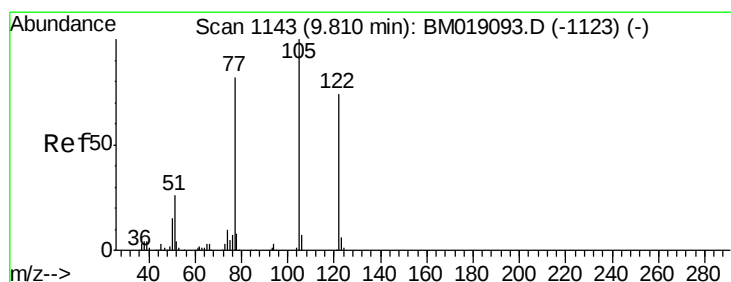
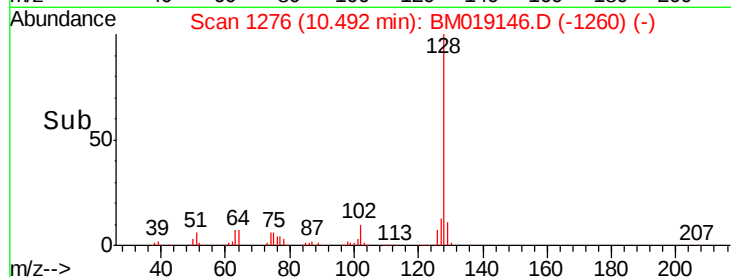
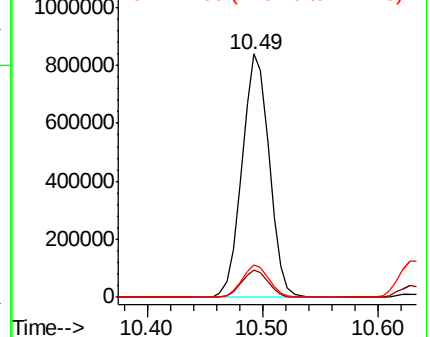
127 13.3 10.4 15.6



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: 8.185 ng

RT: 9.76 min Scan# 1151

Delta R.T. -0.05 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

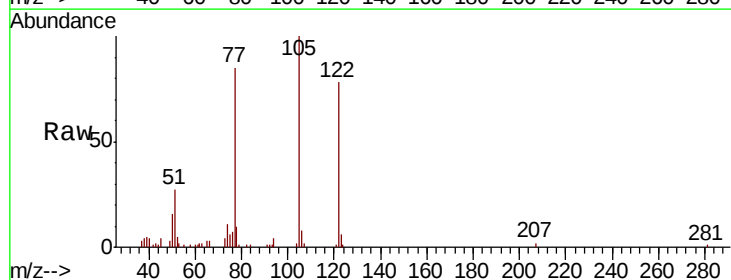
Tgt Ion:122 Resp: 88784

Ion Ratio Lower Upper

122 100

105 128.3 113.0 153.0

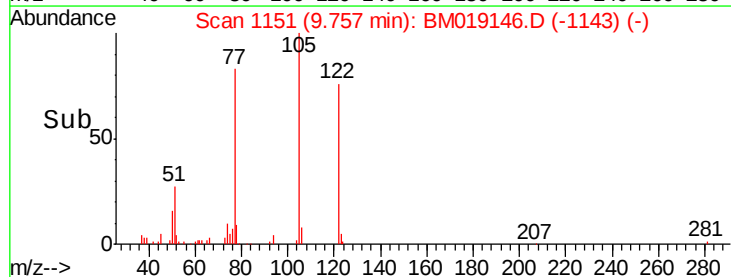
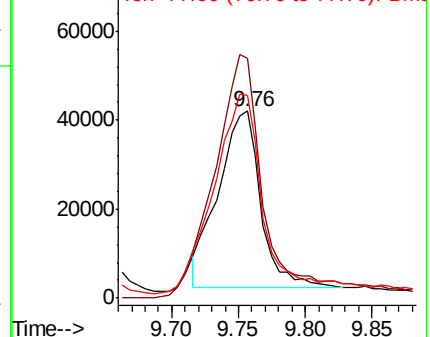
77 108.4 90.1 130.1

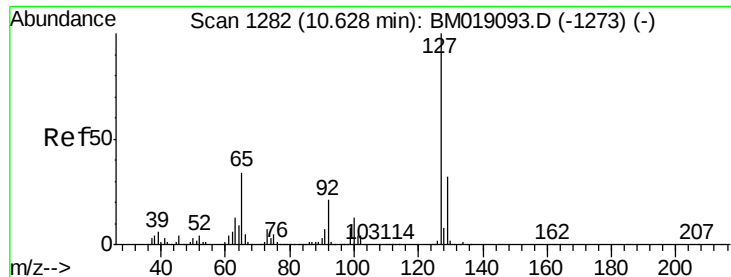


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

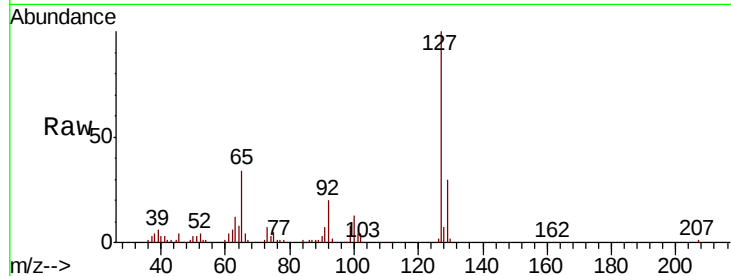




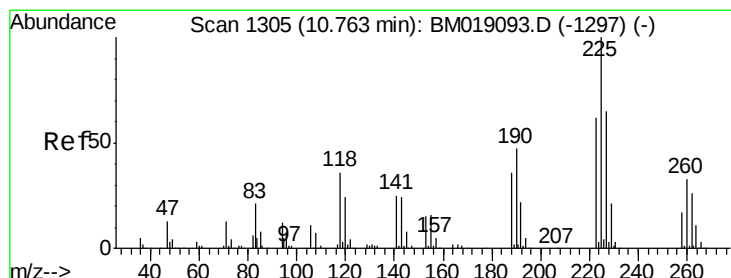
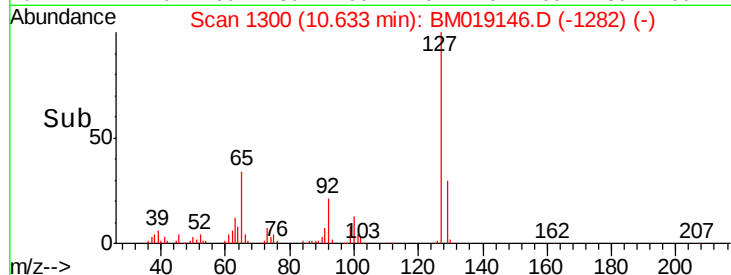
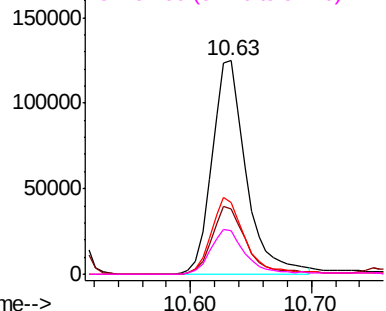
#33
4-Chloroaniline
Concen: 12.102 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion:	127	Resp:	247020
Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.3	37.9
65	33.6	27.4	41.2
92	20.5	16.8	25.2

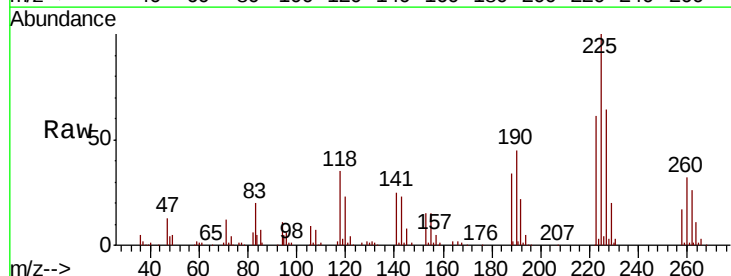


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

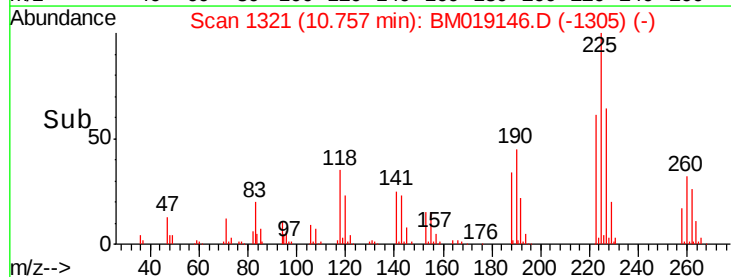
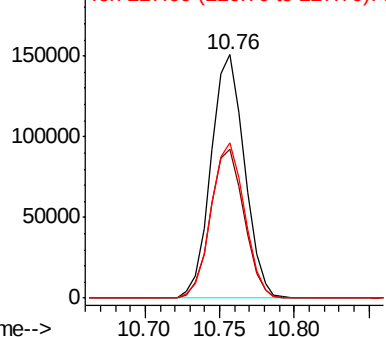


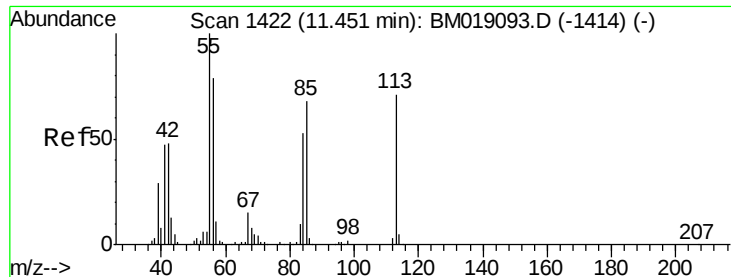
#34
Hexachlorobutadiene
Concen: 25.541 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:	225	Resp:	234441
Ion	Ratio	Lower	Upper
225	100		
223	61.1	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

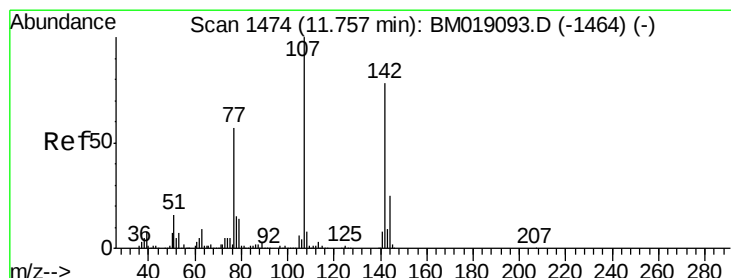
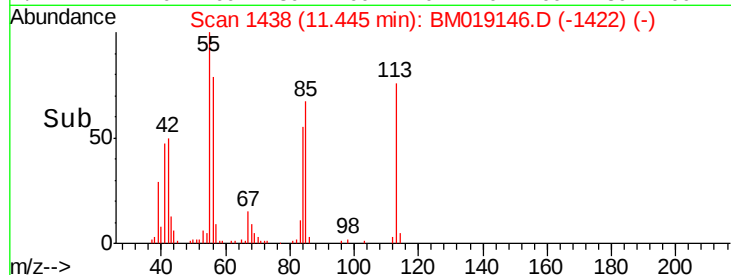
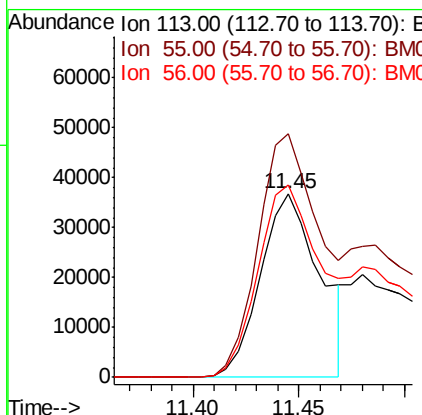
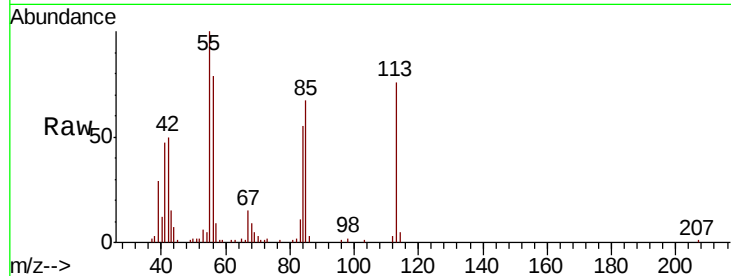




#35
Caprolactam
Concen: 14.199 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

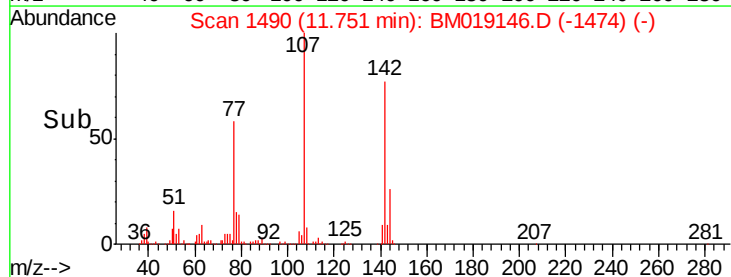
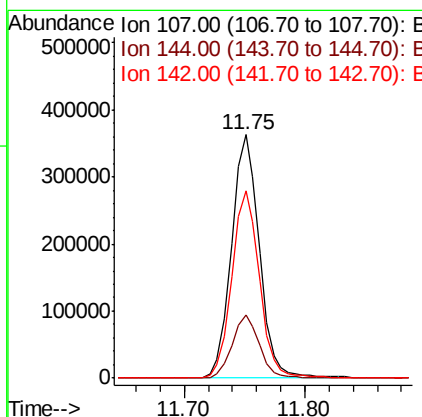
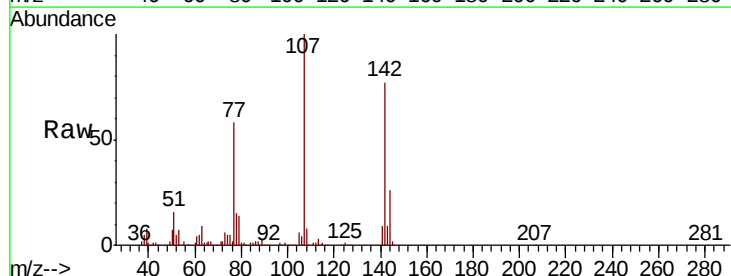
Instrument :
BNA_M
ClientSampled :
TP-24MS

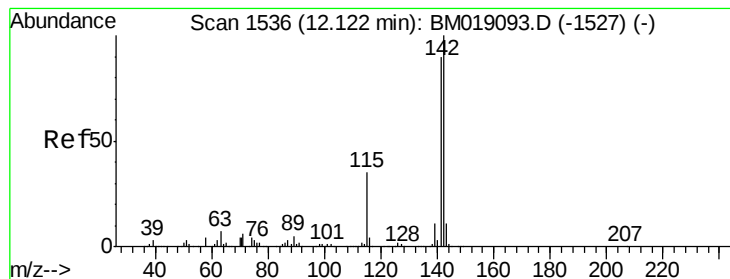
Tot Ion:113 Resp: 71747
Ion Ratio Lower Upper
113 100
55 132.3 120.1 160.1
56 104.6 90.1 130.1



#36
4-Chloro-3-methylphenol
Concen: 33.288 ng
RT: 11.75 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:107 Resp: 582621
Ion Ratio Lower Upper
107 100
144 25.8 20.2 30.4
142 76.9 62.4 93.6





#37

2-Methylnaphthalene

Concen: 29.323 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

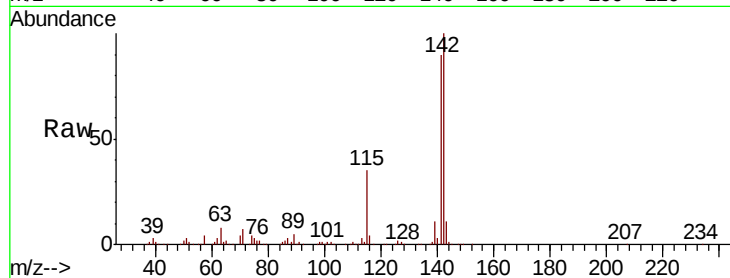
Tot Ion:142 Resp: 1060971

Ion Ratio Lower Upper

142 100

141 89.9 72.3 108.5

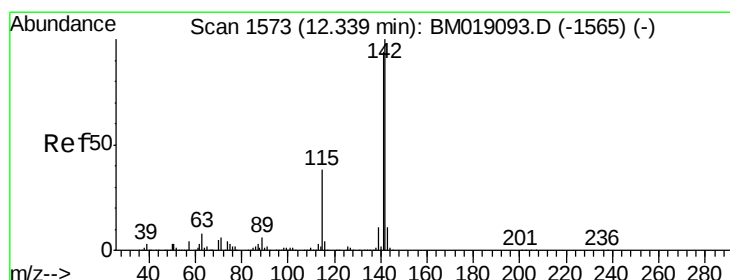
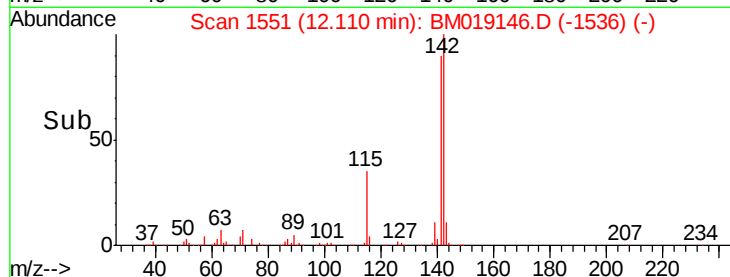
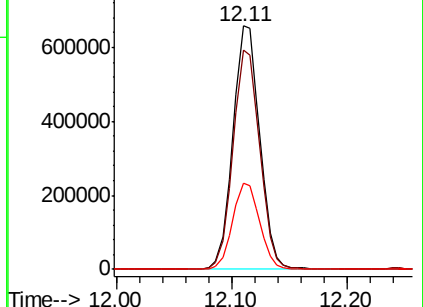
115 35.4 27.8 41.8



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: 28.607 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

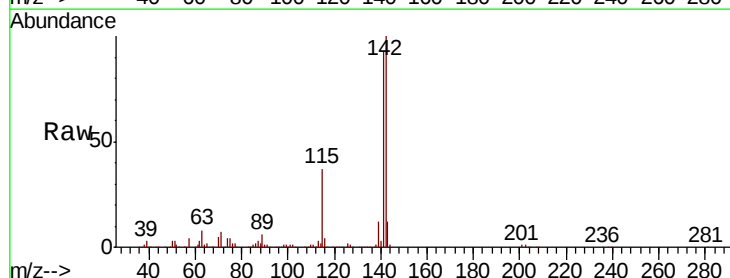
Tgt Ion:142 Resp: 1020210

Ion Ratio Lower Upper

142 100

141 92.8 74.9 112.3

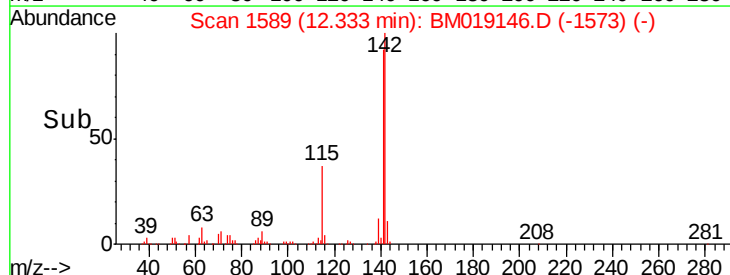
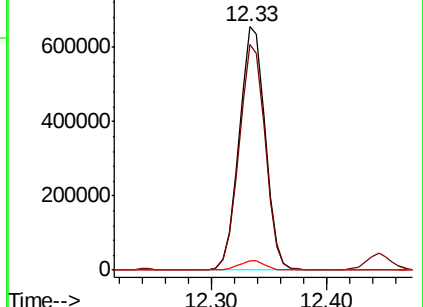
116 4.1 3.2 4.8

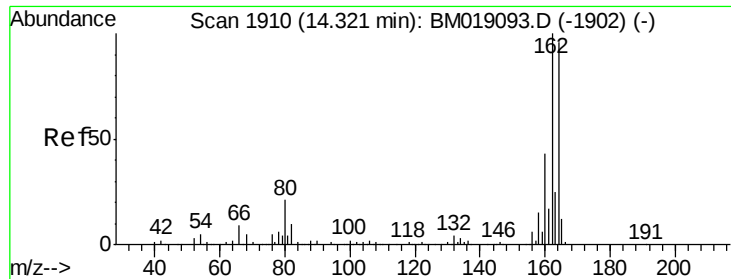


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

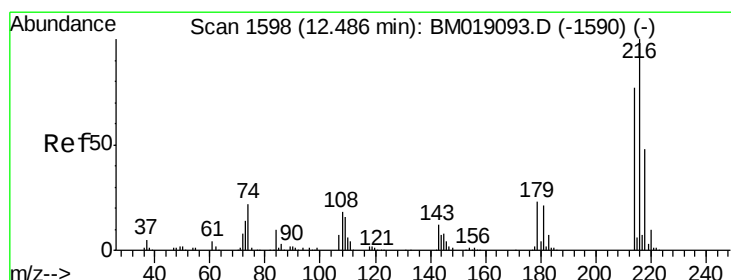
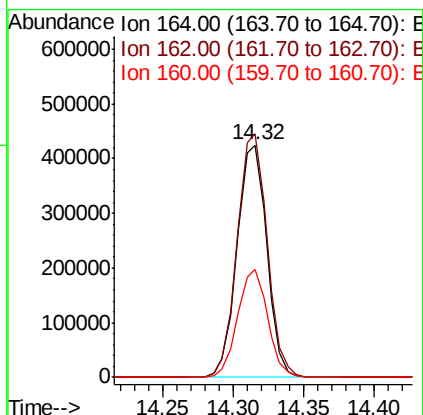
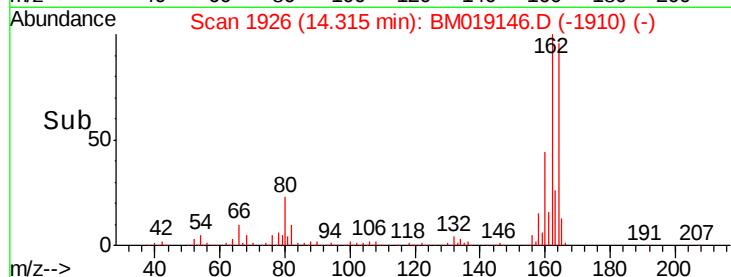
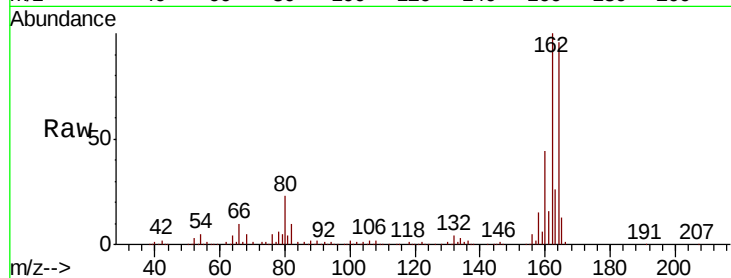
Tot Ion:164 Resp: 622990

Ion Ratio Lower Upper

164 100

162 104.6 83.5 125.3

160 46.2 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 25.608 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Tgt Ion:216 Resp: 504655

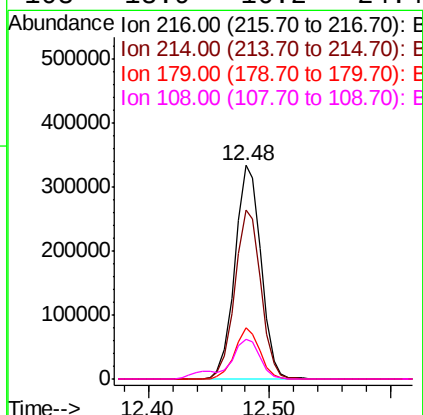
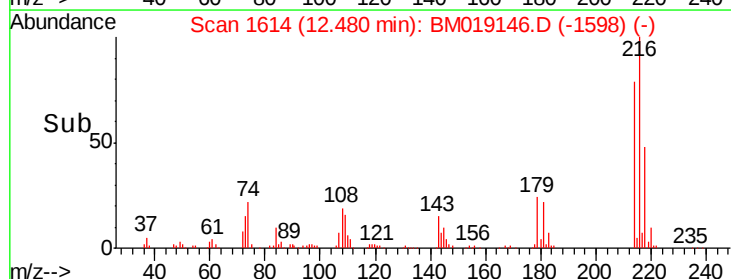
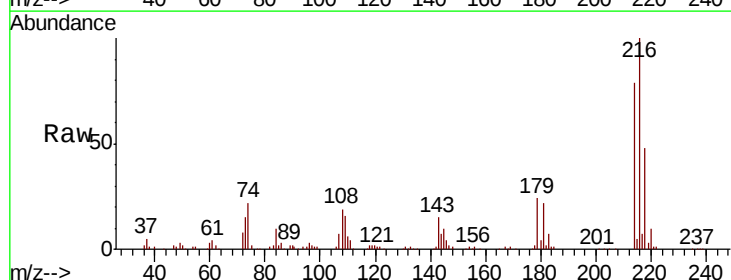
Ion Ratio Lower Upper

216 100

214 78.8 62.9 94.3

179 22.8 18.0 27.0

108 18.9 16.2 24.4





#41

Hexachlorocyclopentadiene

Concen: 57.131 ng

RT: 12.44 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

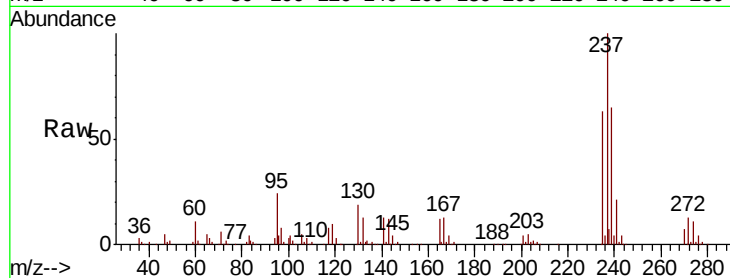
Tot Ion:237 Resp: 509977

Ion Ratio Lower Upper

237 100

235 63.2 41.3 81.3

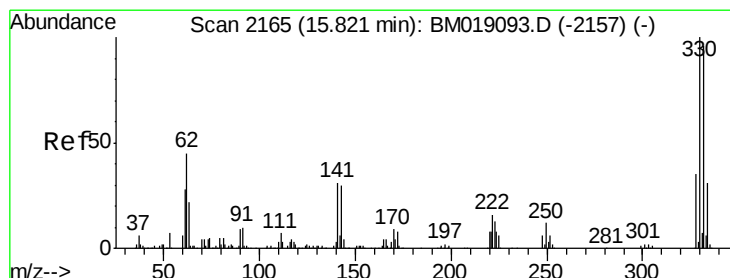
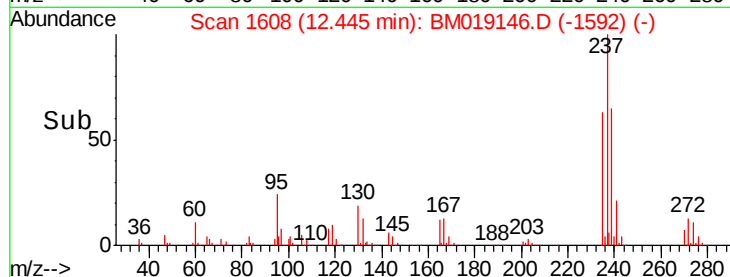
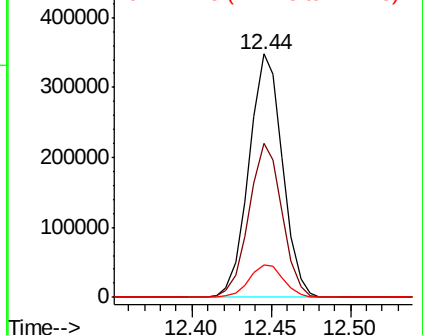
272 13.1 0.0 33.1



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: 97.756 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

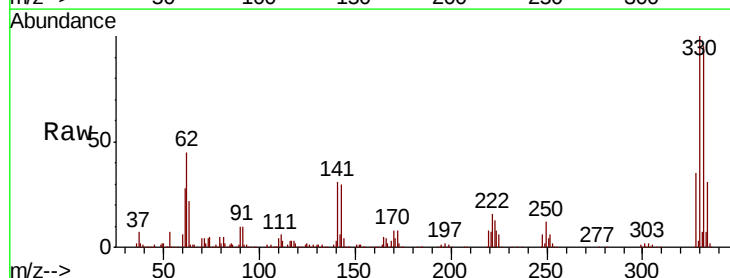
Tgt Ion:330 Resp: 899178

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

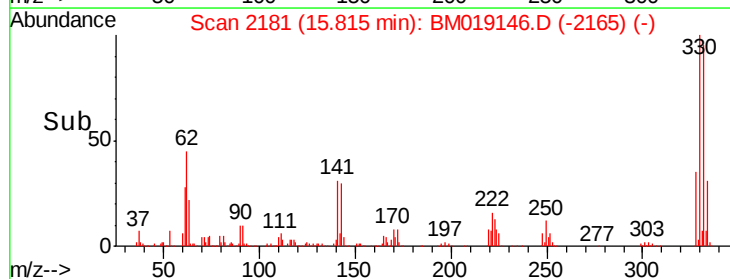
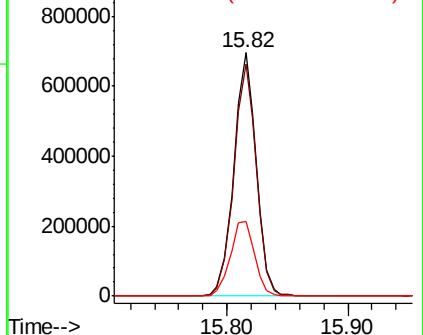
141 33.5 27.0 40.4

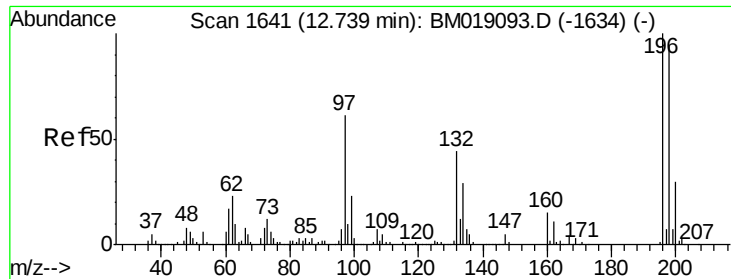


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

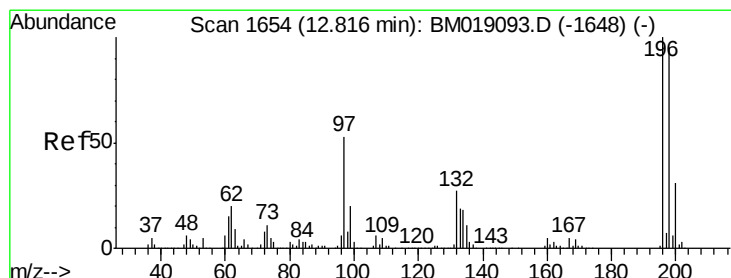
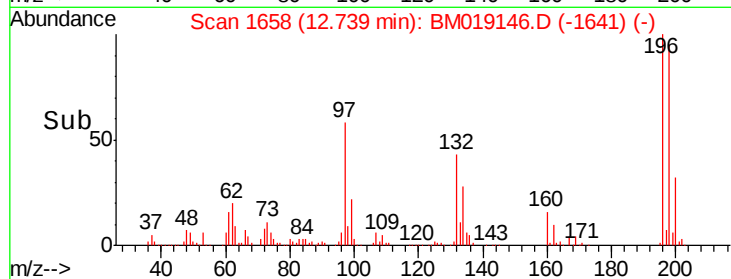
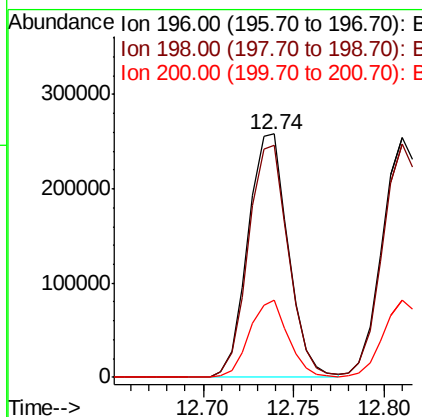
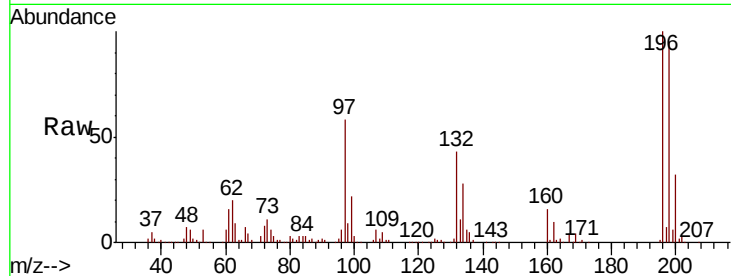




#43
 2,4,6-Trichlorophenol
 Concen: 31.369 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

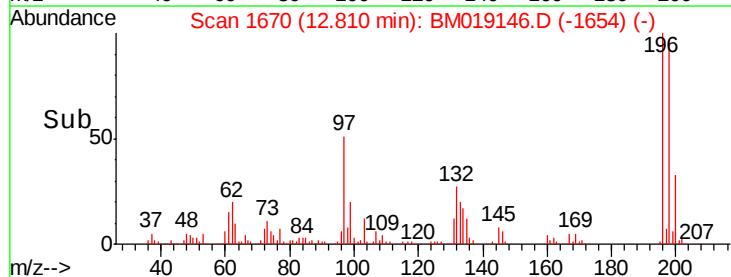
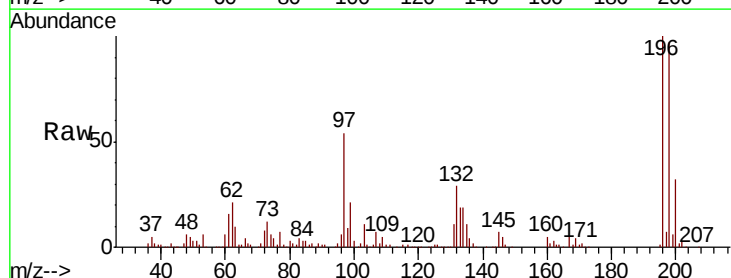
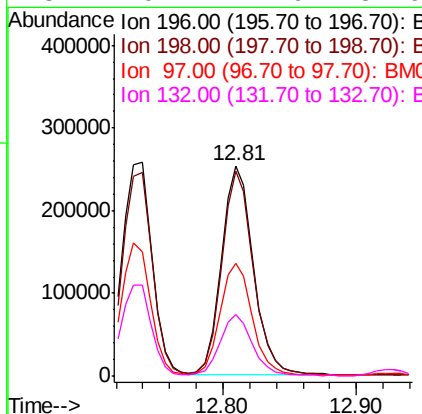
Instrument :
 BNA_M
 ClientSampleId :
 TP-24MS

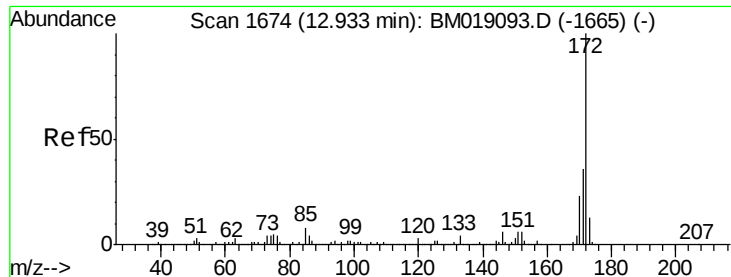
Tot Ion:196 Resp: 399496
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.4 113.0
 200 31.6 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 30.978 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion:196 Resp: 421862
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.9 113.9
 97 53.6 42.5 63.7
 132 29.2 21.9 32.9

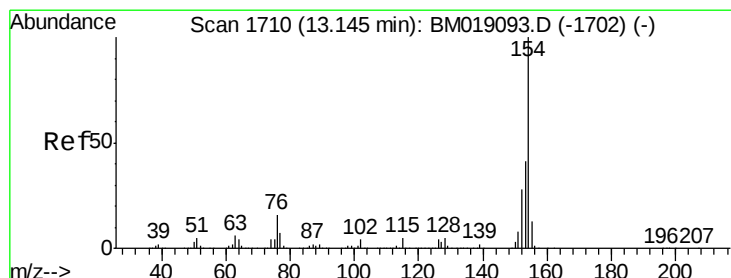
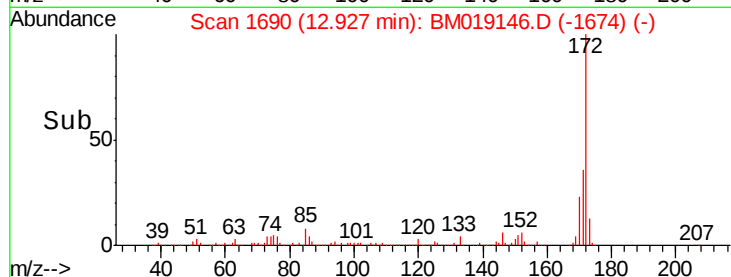
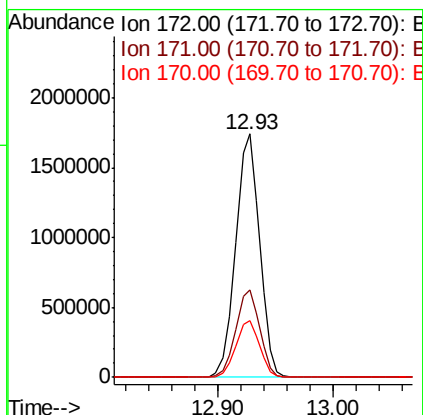
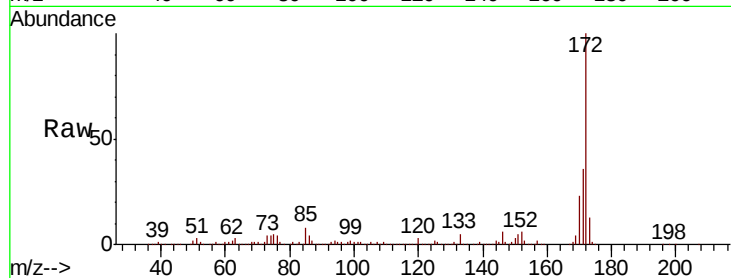




#45
2-Fluorobiphenyl
Concen: 52.066 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

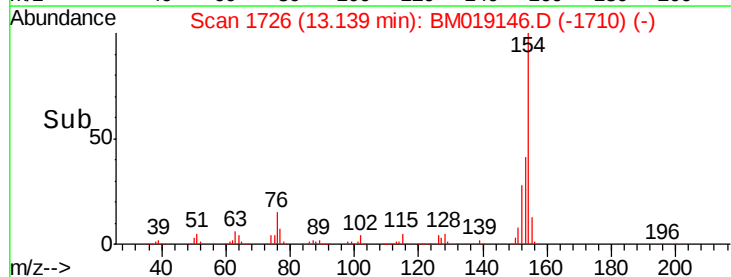
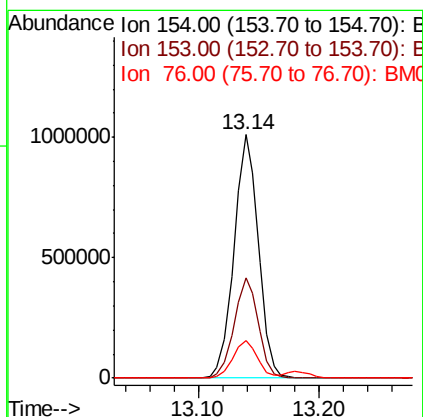
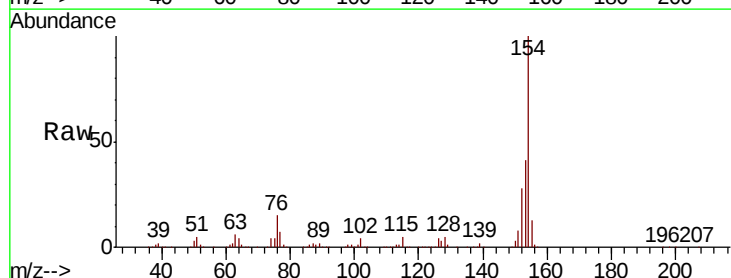
Instrument :
BNA_M
ClientSampleId :
TP-24MS

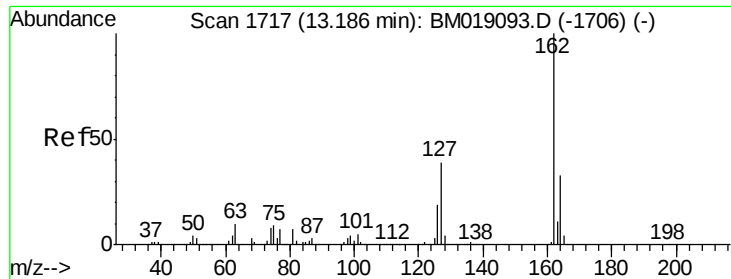
Tot Ion:172 Resp: 2493675
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 26.081 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:154 Resp: 1418964
Ion Ratio Lower Upper
154 100
153 41.1 21.5 61.5
76 15.5 0.0 35.8

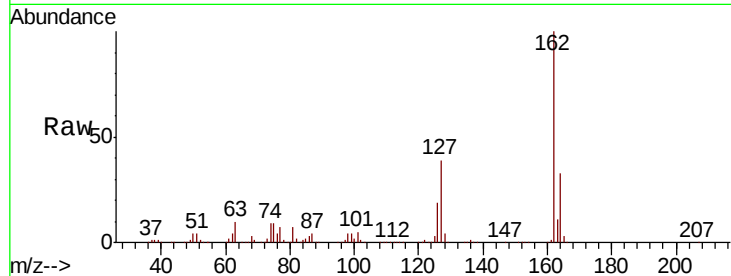




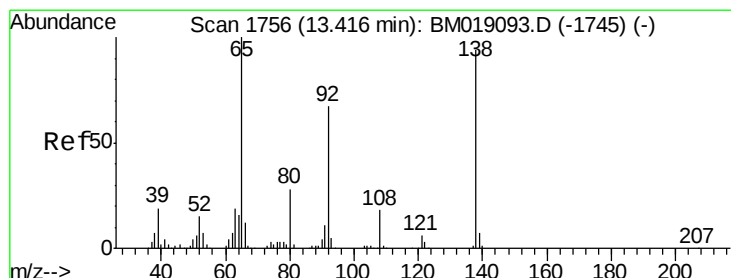
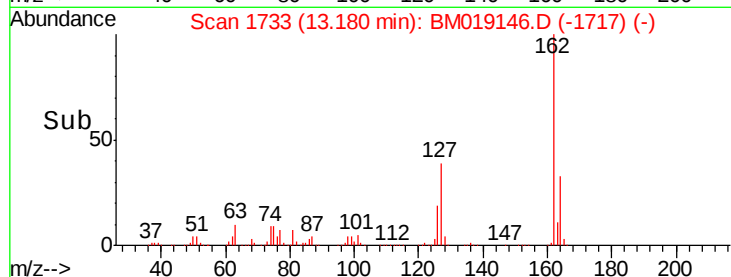
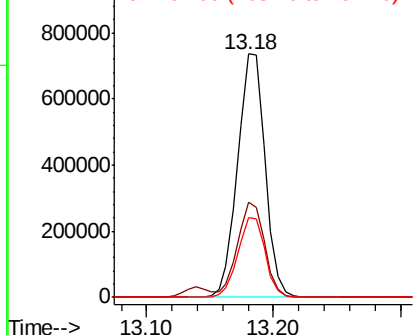
#47
2-Chloronaphthalene
Concen: 27.249 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion:162 Resp: 1106605
Ion Ratio Lower Upper
162 100
127 39.1 31.2 46.8
164 32.7 26.3 39.5

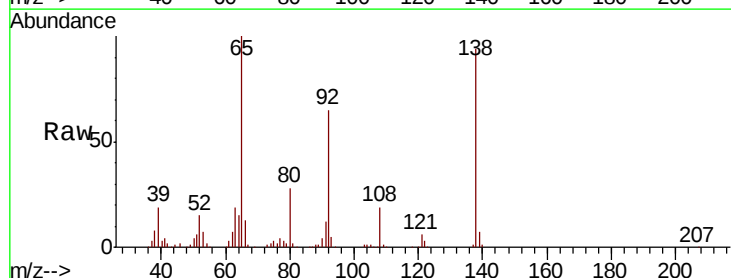


Abundance Ion 162.00 (161.70 to 162.70): E
1000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

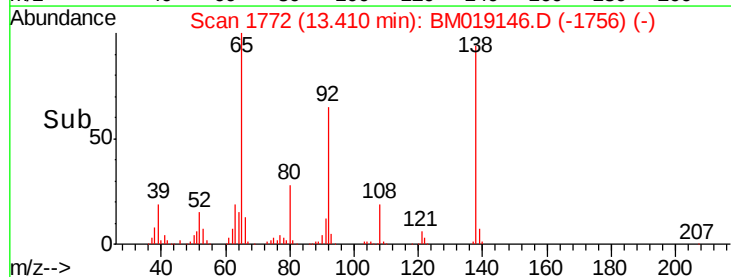
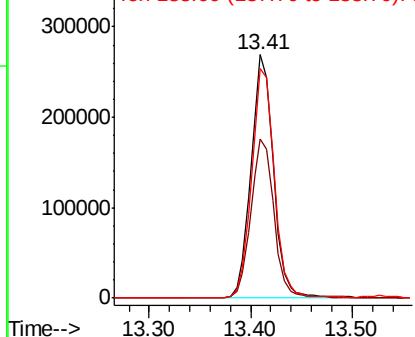


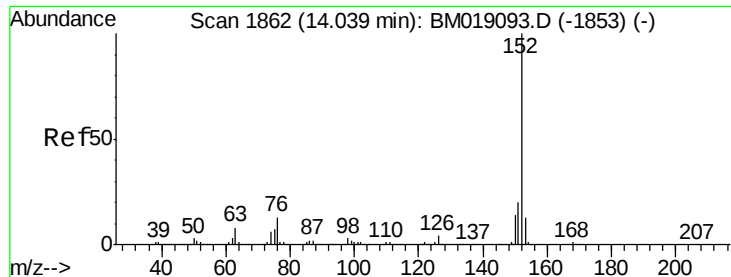
#48
2-Nitroaniline
Concen: 30.346 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion: 65 Resp: 413307
Ion Ratio Lower Upper
65 100
92 65.2 53.4 80.2
138 94.1 74.9 112.3



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





#49

Acenaphthylene

Concen: 27.089 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

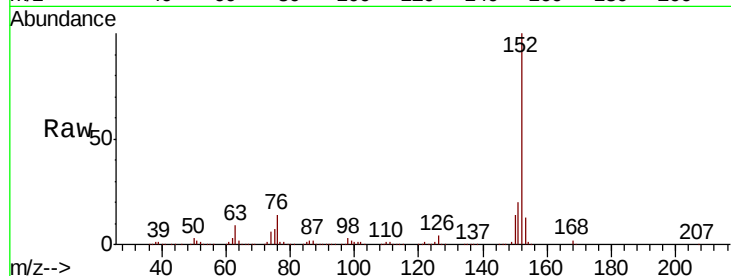
Tot Ion:152 Resp: 1860084

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

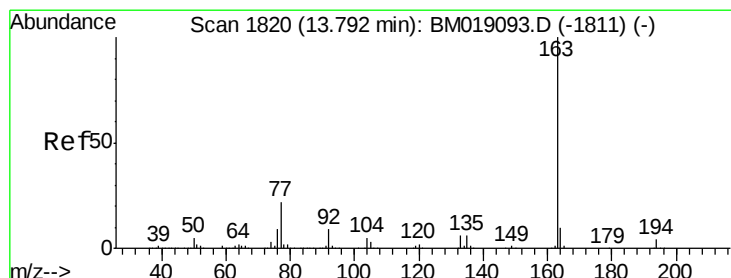
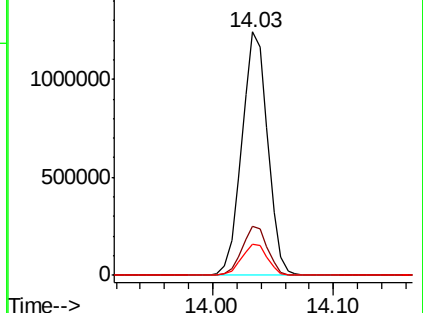
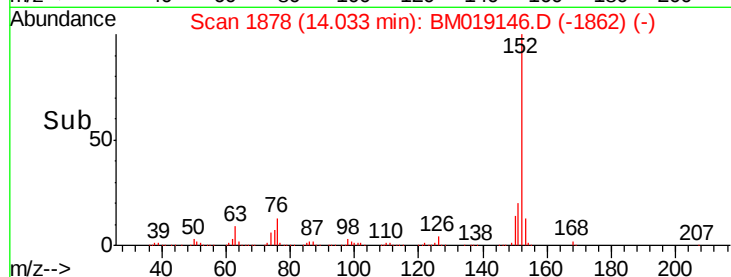
153 12.8 10.6 15.8



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: 33.547 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

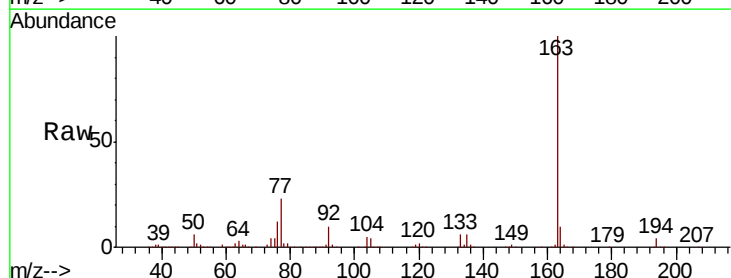
Tgt Ion:163 Resp: 1787861

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

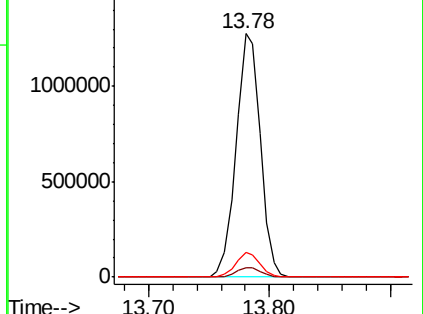
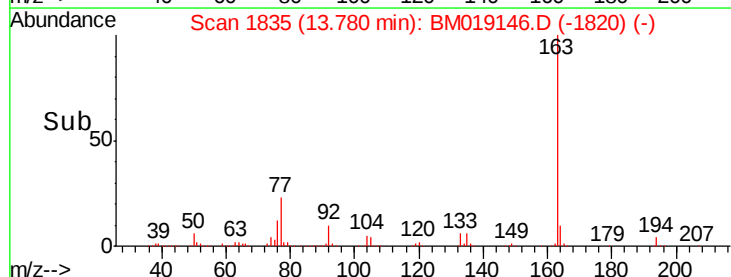
164 10.2 7.7 11.5

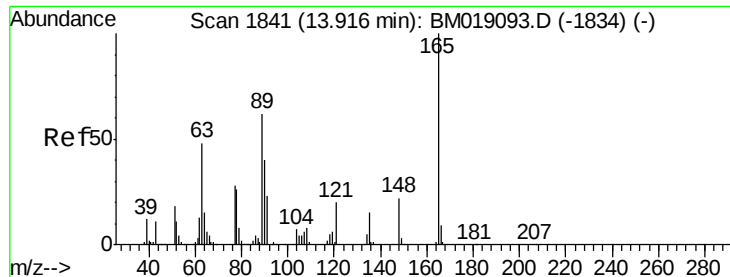


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

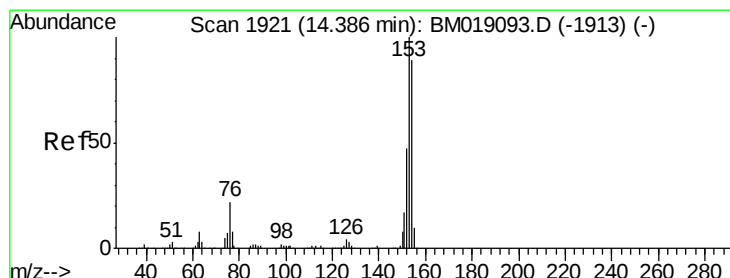
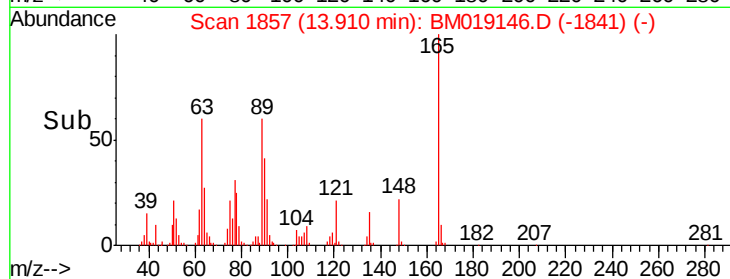
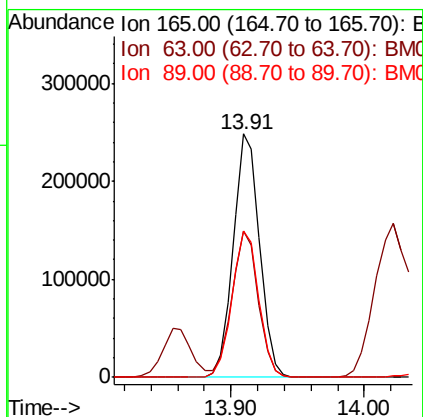
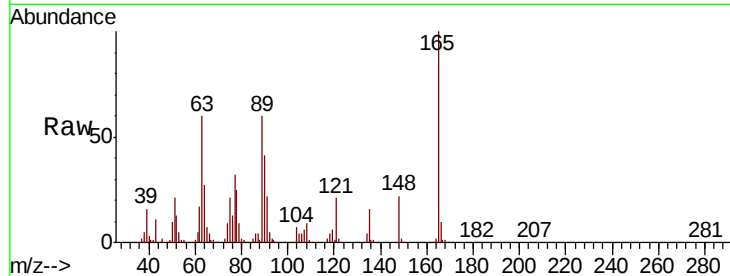




#51
2,6-Dinitrotoluene
Concen: 29.606 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

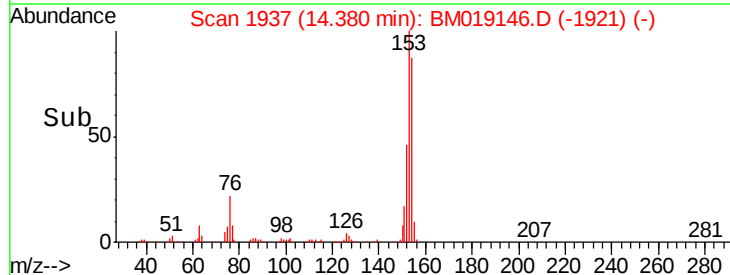
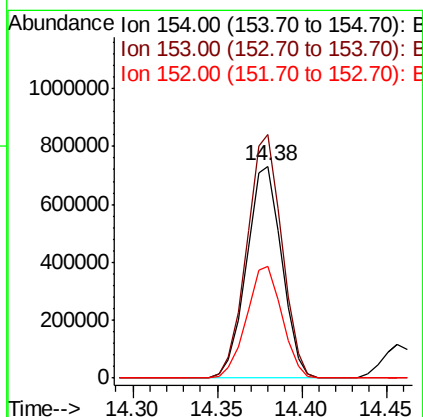
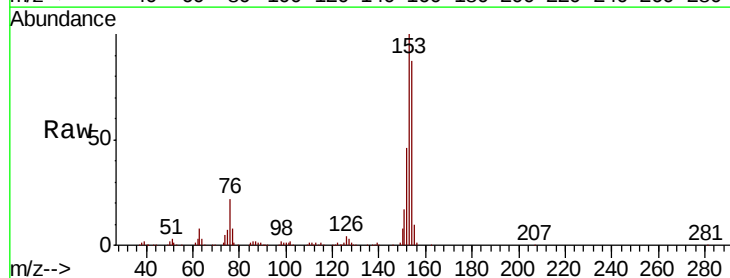
Instrument :
BNA_M
ClientSampleId :
TP-24MS

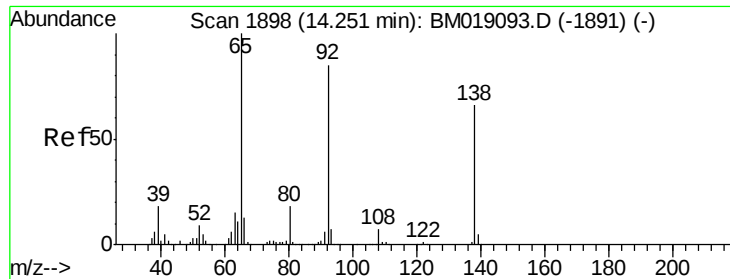
Tot Ion:165 Resp: 341084
Ion Ratio Lower Upper
165 100
63 60.0 48.2 72.4
89 60.1 49.3 73.9



#52
Acenaphthene
Concen: 26.974 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:154 Resp: 1064313
Ion Ratio Lower Upper
154 100
153 115.1 90.1 135.1
152 53.0 42.5 63.7





#53

3-Nitroaniline

Concen: 19.359 ng

RT: 14.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampled :

TP-24MS

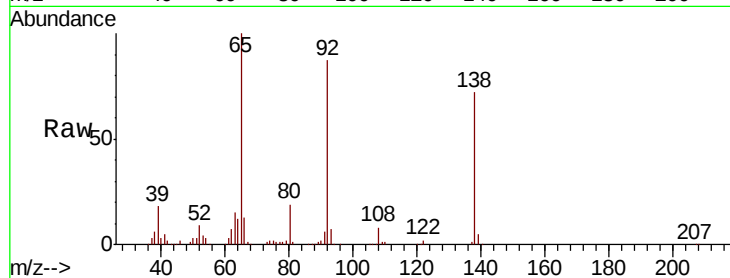
Tot Ion:138 Resp: 236216

Ion Ratio Lower Upper

138 100

108 10.7 9.0 13.4

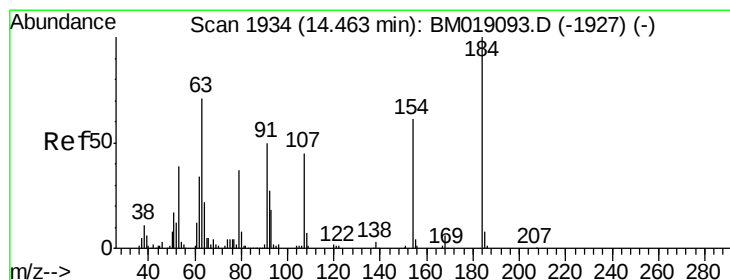
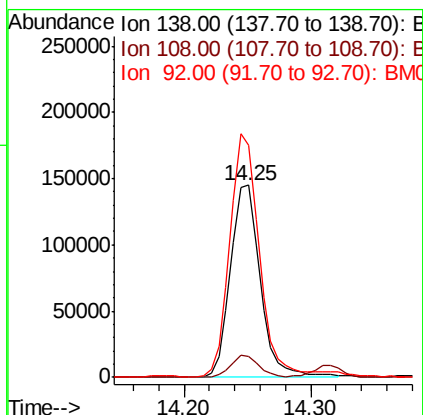
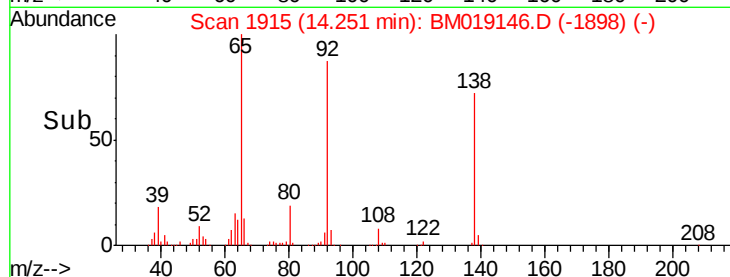
92 121.1 102.6 153.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 42.635 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

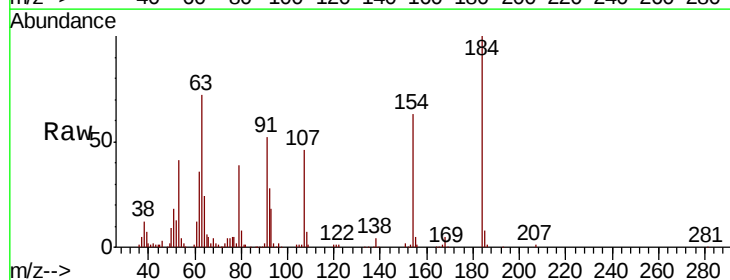
Tgt Ion:184 Resp: 285249

Ion Ratio Lower Upper

184 100

63 72.4 56.7 85.1

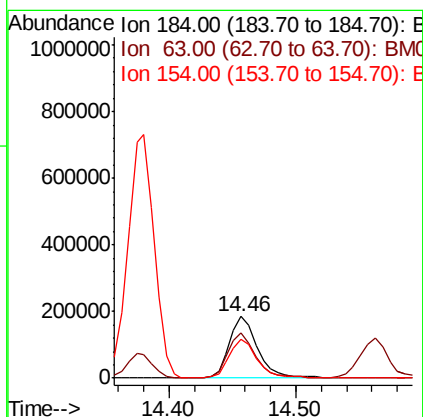
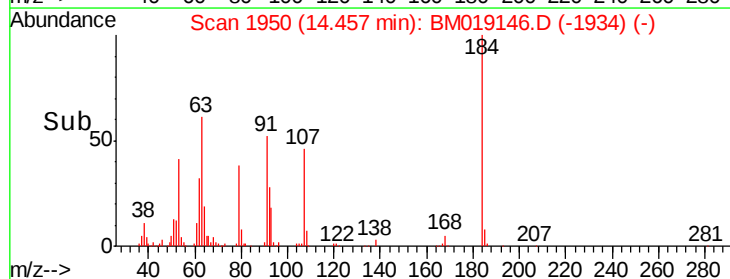
154 62.9 49.3 73.9

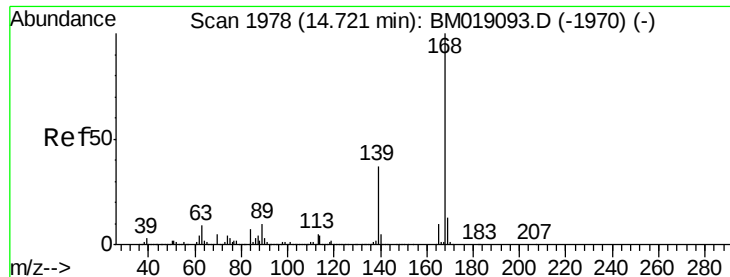


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 27.914 ng

RT: 14.72 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

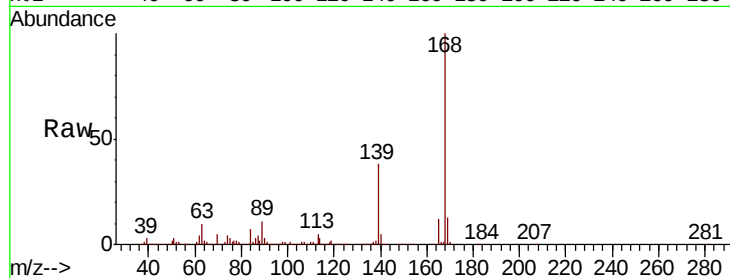
Tot Ion:168 Resp: 1776201

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

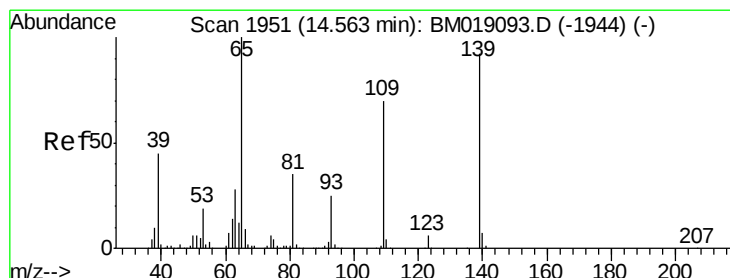
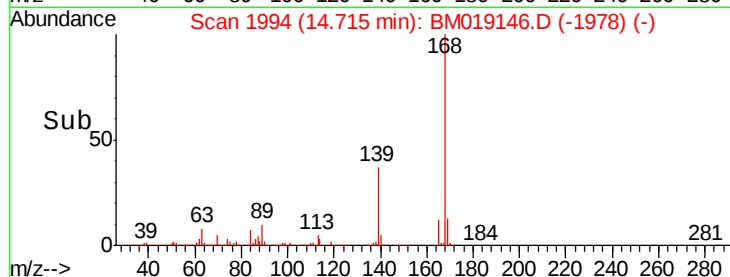
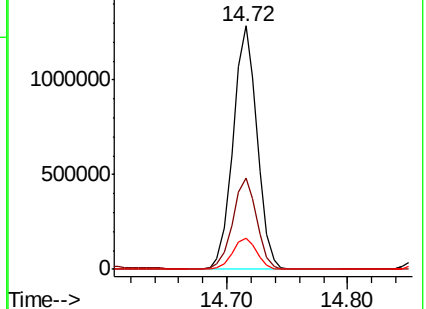
169 13.0 10.6 16.0



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: 58.801 ng

RT: 14.56 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

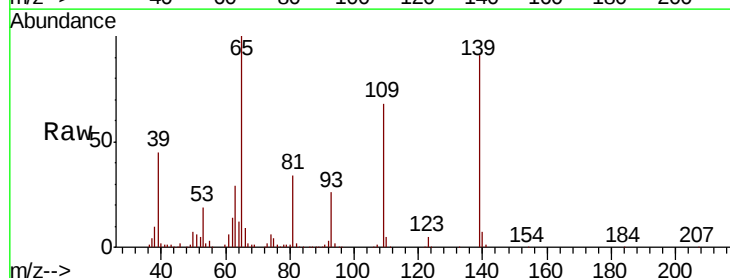
Tgt Ion:139 Resp: 585795

Ion Ratio Lower Upper

139 100

109 74.3 56.3 96.3

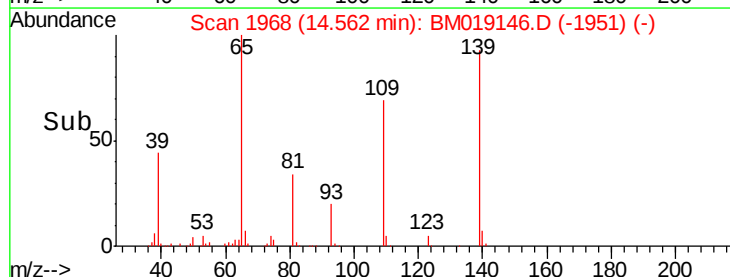
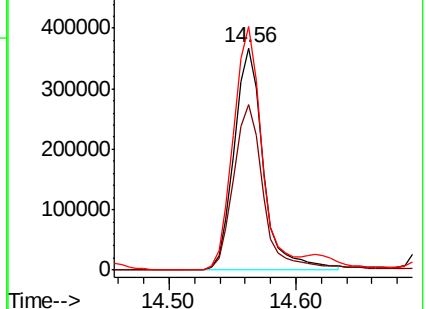
65 109.7 89.2 129.2

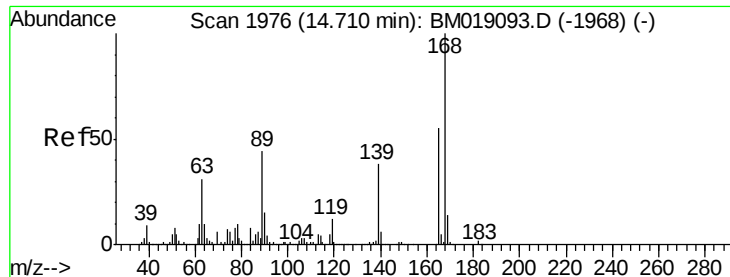


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

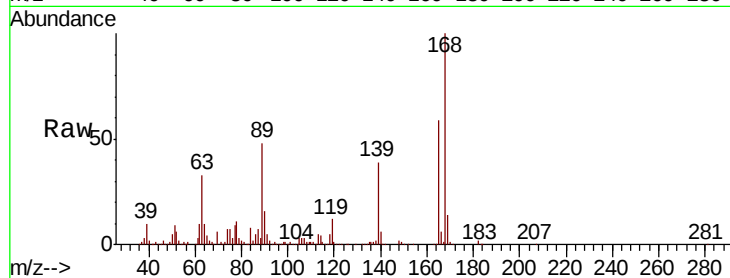




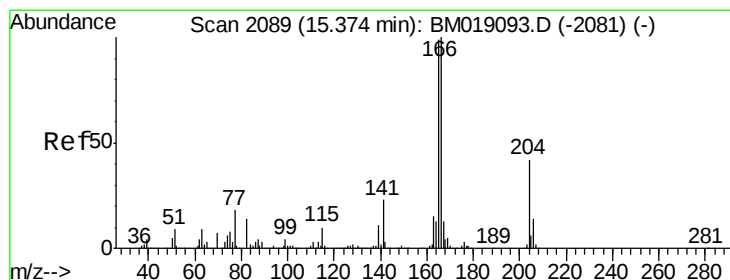
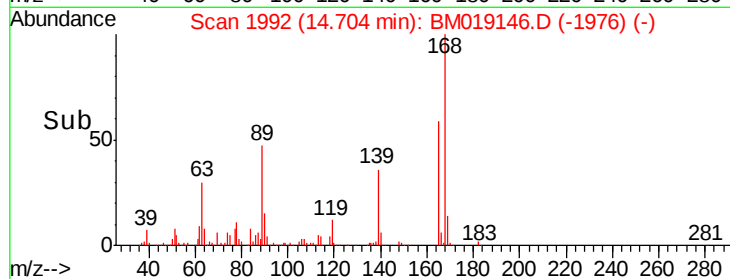
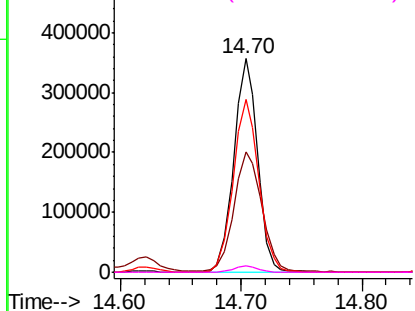
#57
 2,4-Dinitrotoluene
 Concen: 29.277 ng
 RT: 14.70 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Instrument :
 BNA_M
 ClientSampled :
 TP-24MS

Tot Ion:165 Resp: 489606
 Ion Ratio Lower Upper
 165 100
 63 56.2 44.7 67.1
 89 81.1 63.4 95.2
 182 2.8 2.3 3.5

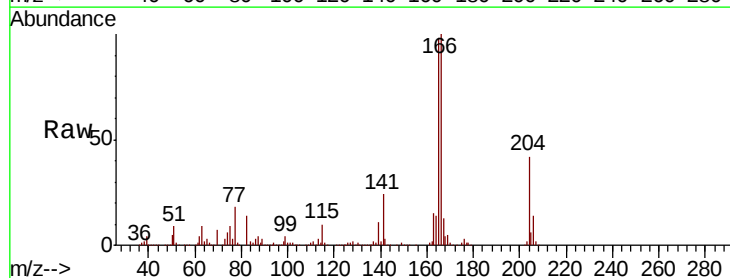


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

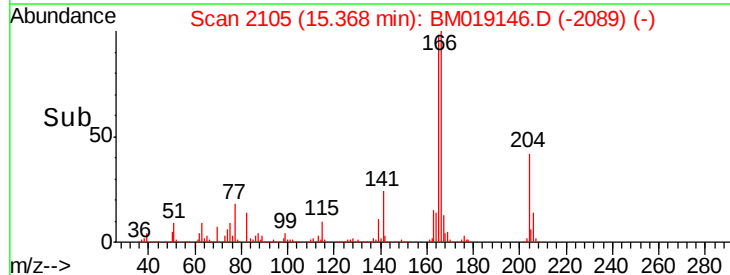
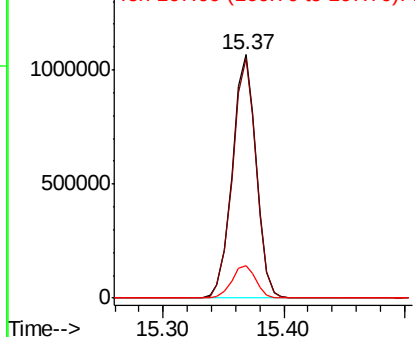


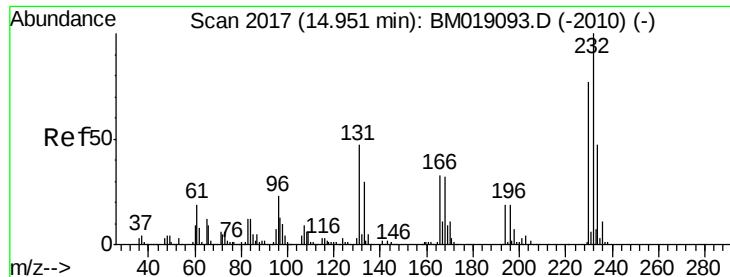
#58
 Fluorene
 Concen: 27.918 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM019146.D
 Acq: 13 Mar 2019 15:14

Tgt Ion:166 Resp: 1464267
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.0 118.4
 167 13.5 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

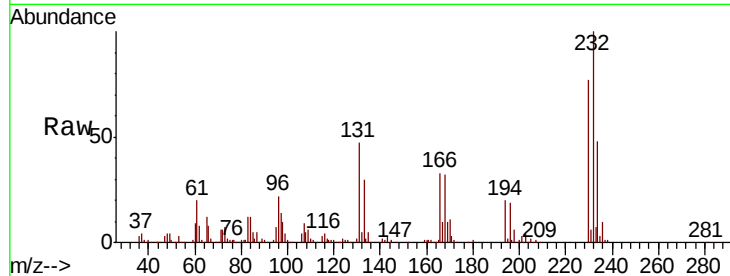




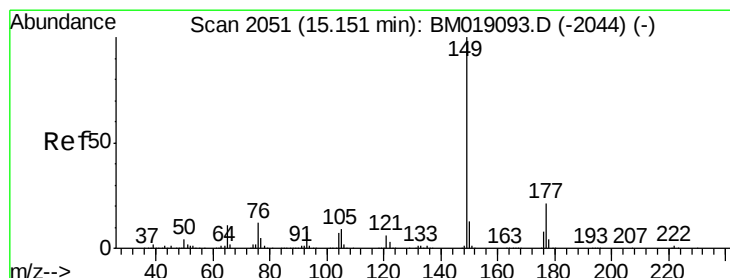
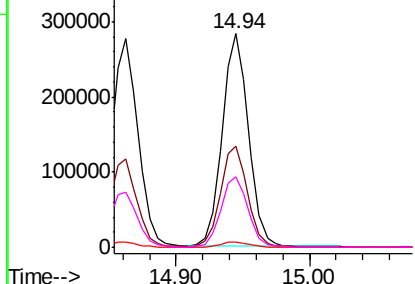
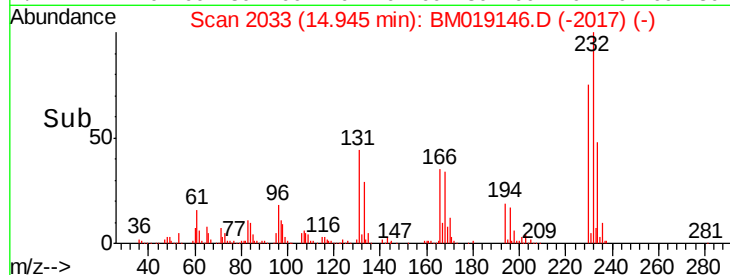
#59
2,3,4,6-Tetrachlorophenol
Concen: 30.848 ng
RT: 14.94 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion:232 Resp: 391089
Ion Ratio Lower Upper
232 100
131 48.4 38.2 57.2
130 2.5 1.9 2.9
166 33.8 27.0 40.4

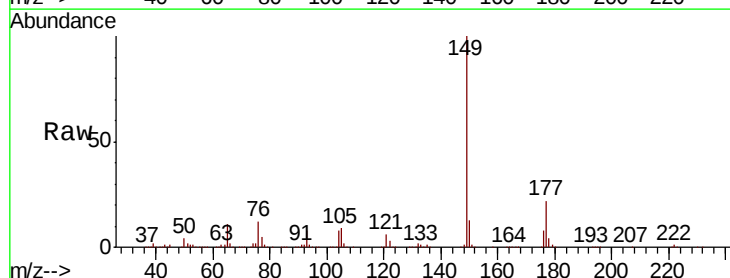


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

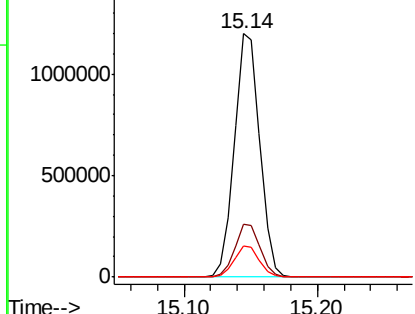
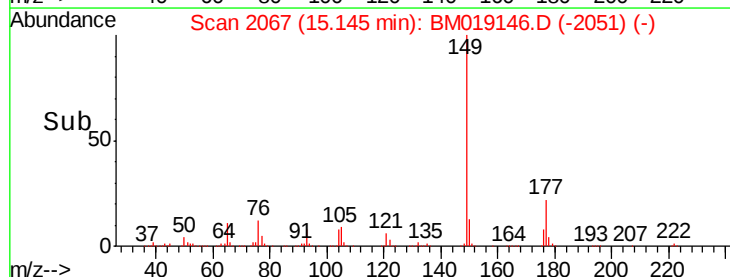


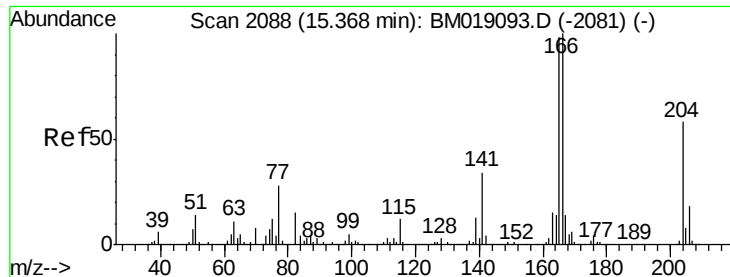
#60
Diethylphthalate
Concen: 29.415 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:149 Resp: 1587683
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.6 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

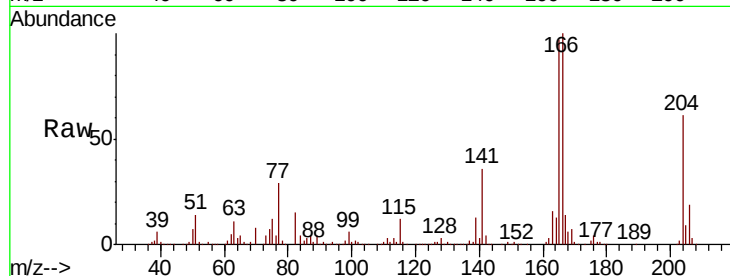




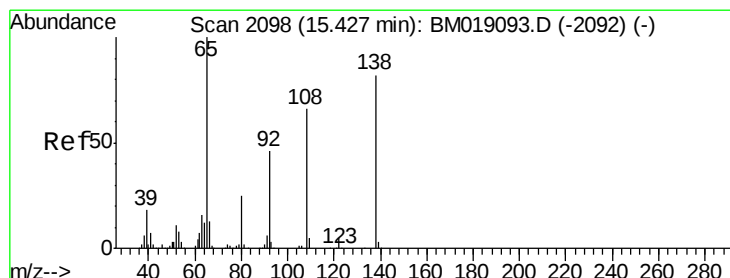
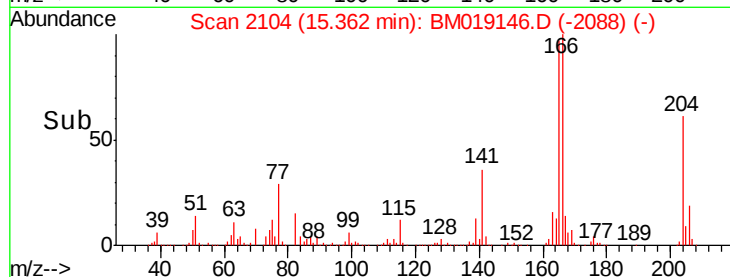
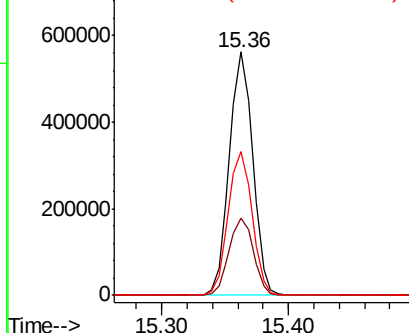
#61
4-Chlorophenyl-phenylether
Concen: 28.308 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion:204 Resp: 721108
Ion Ratio Lower Upper
204 100
206 31.9 25.5 38.3
141 59.1 47.8 71.8

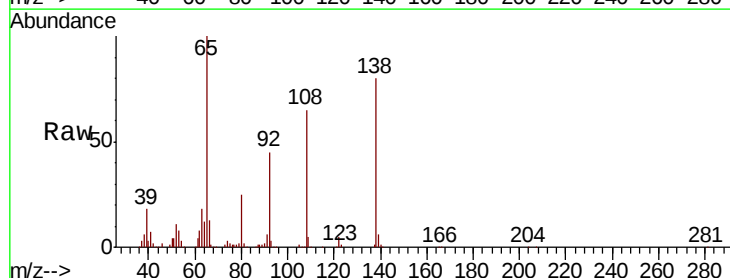


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

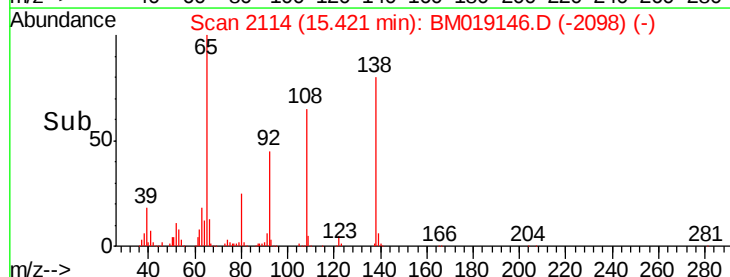
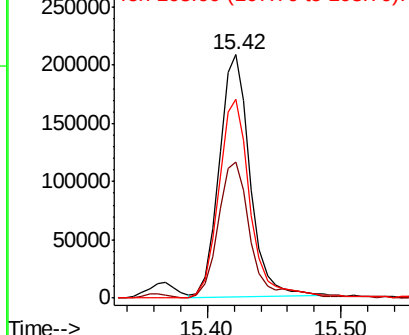


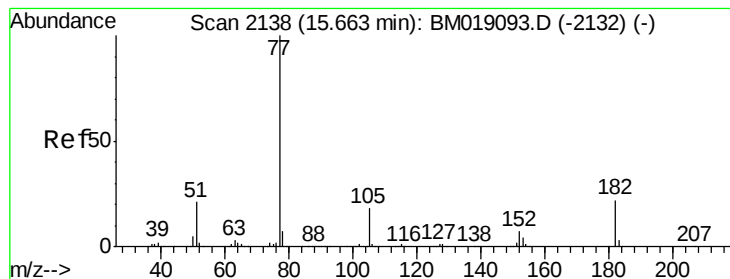
#62
4-Nitroaniline
Concen: 27.413 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:138 Resp: 337085
Ion Ratio Lower Upper
138 100
92 55.9 36.2 76.2
108 81.6 59.7 99.7



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





#63

Azobenzene

Concen: 29.019 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

Tot Ion: 77 Resp: 1648214

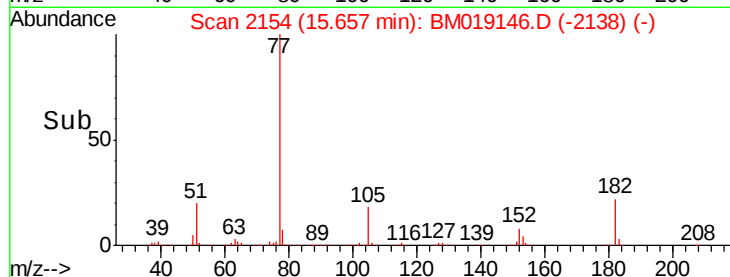
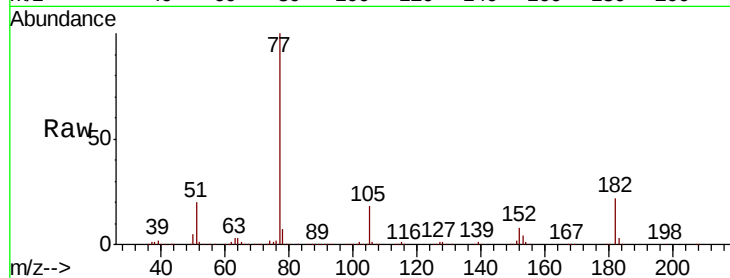
Ion Ratio Lower Upper

77 100

182 21.8 1.8 41.8

105 17.9 0.0 38.3

51 20.2 0.8 40.8



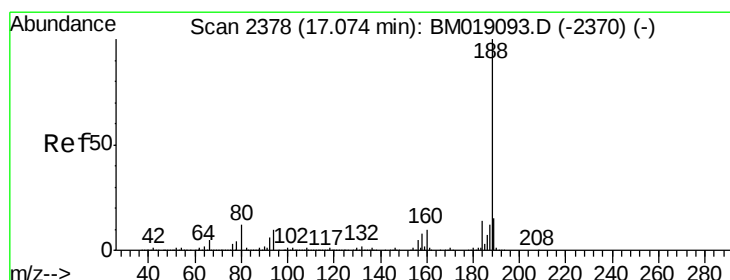
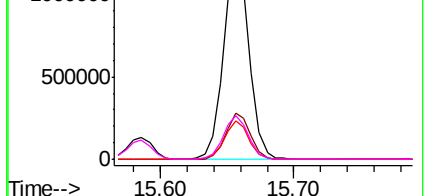
Abundance Ion 77.00 (76.70 to 77.70): BM019146.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM019146.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM019146.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM019146.D (-2138) (-)

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

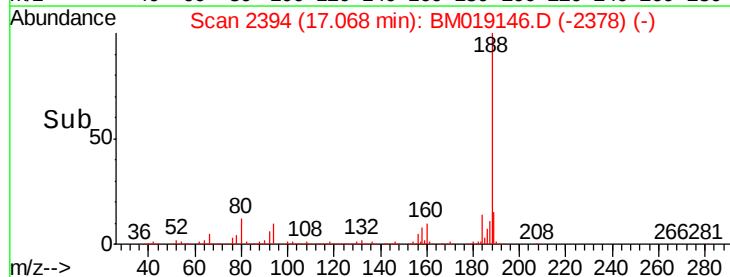
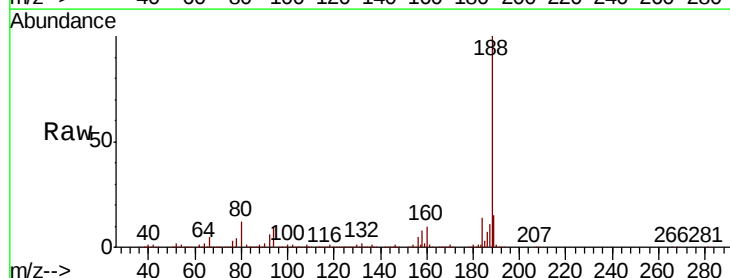
Tgt Ion: 188 Resp: 1476732

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

80 12.4 9.7 14.5

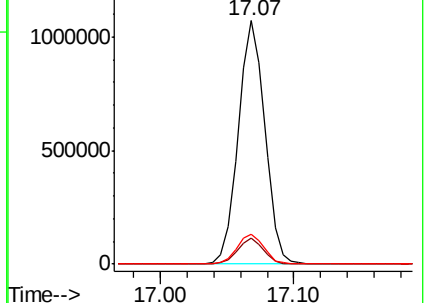


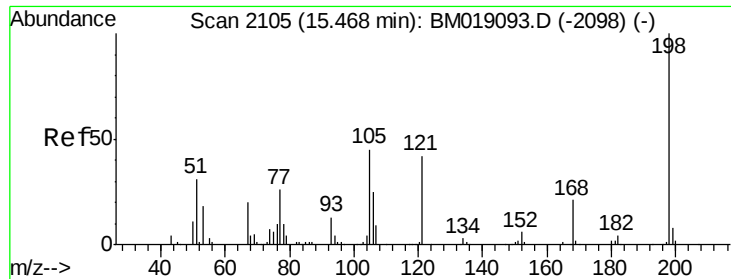
Abundance Ion 188.00 (187.70 to 188.70): BM019146.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM019146.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM019146.D (-2378) (-)

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 23.576 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

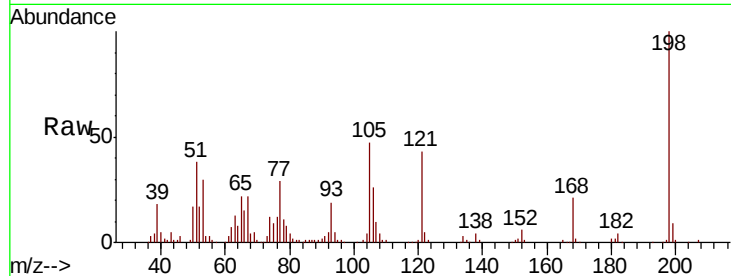
Tot Ion:198 Resp: 228148

Ion Ratio Lower Upper

198 100

51 38.0 17.3 57.3

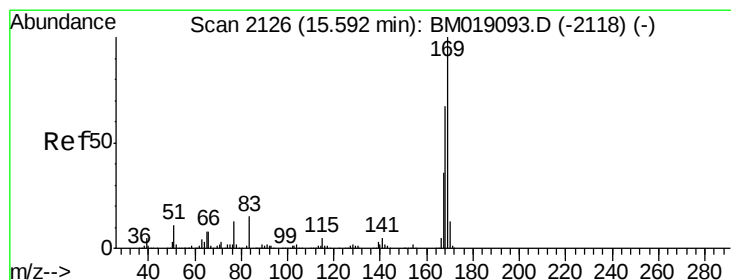
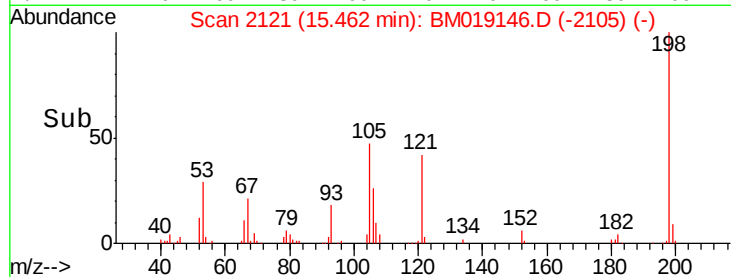
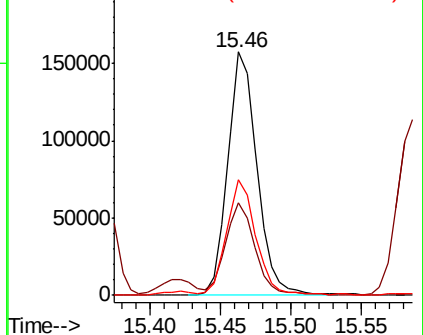
105 47.4 26.2 66.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 27.863 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

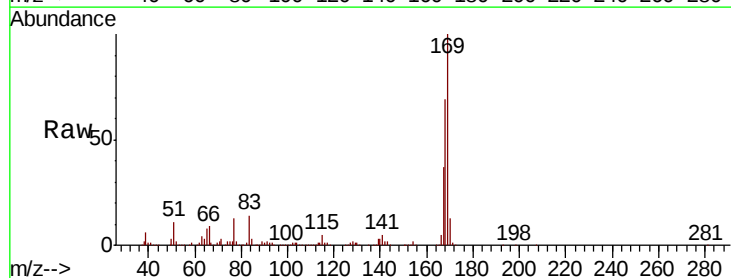
Tgt Ion:169 Resp: 1309939

Ion Ratio Lower Upper

169 100

168 68.8 53.9 80.9

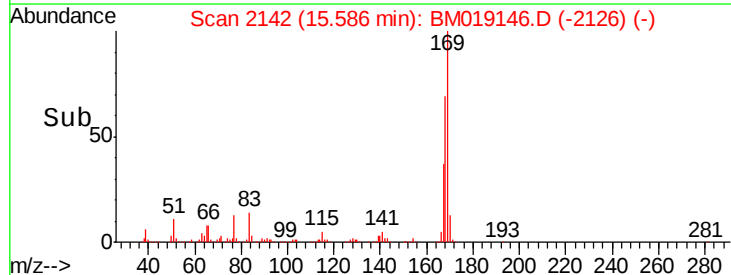
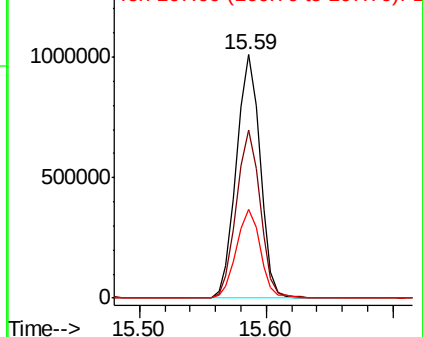
167 36.5 28.8 43.2

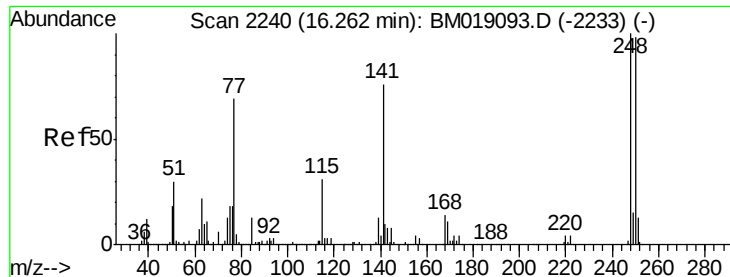


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

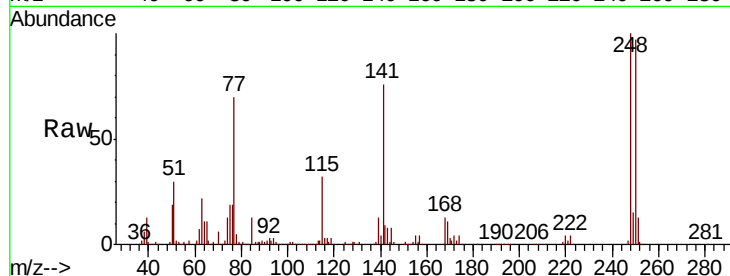




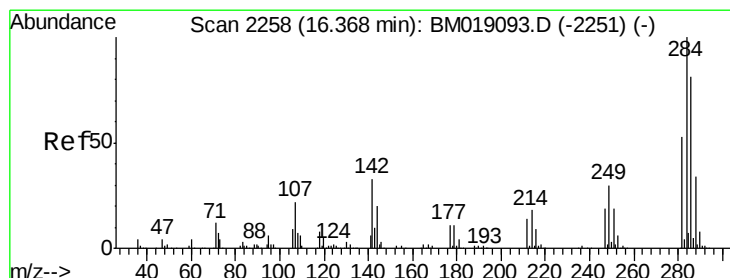
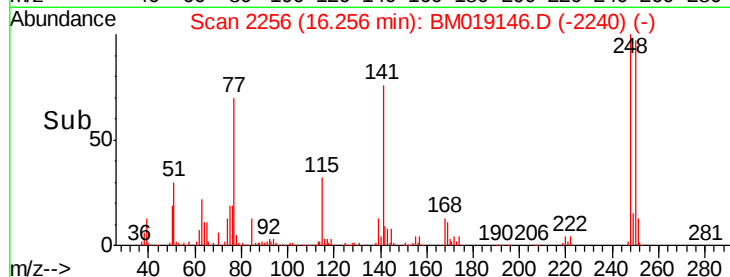
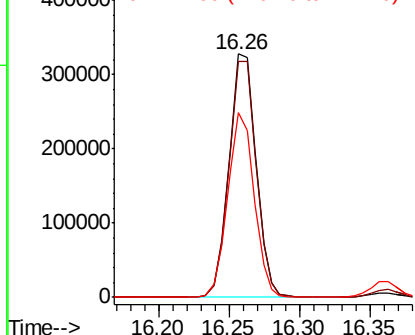
#67
4-Bromophenyl-phenylether
Concen: 27.078 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampled :
TP-24MS

Tot Ion:248 Resp: 440963
Ion Ratio Lower Upper
248 100
250 97.1 78.0 117.0
141 75.7 61.0 91.4

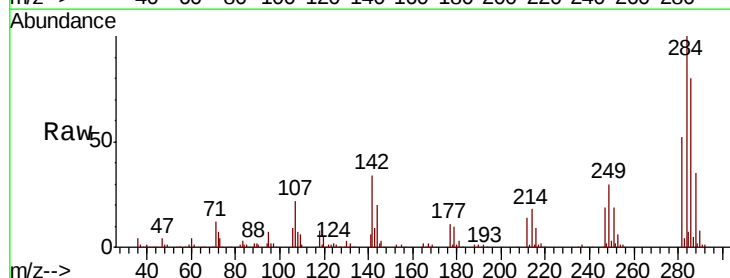


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

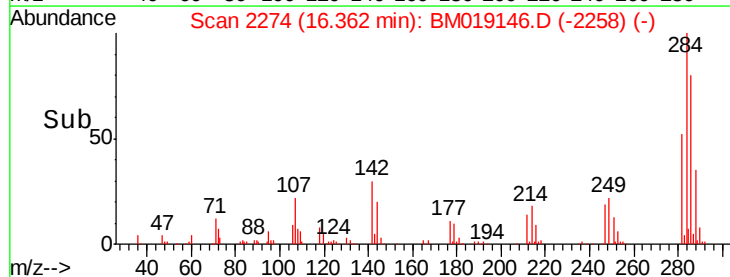
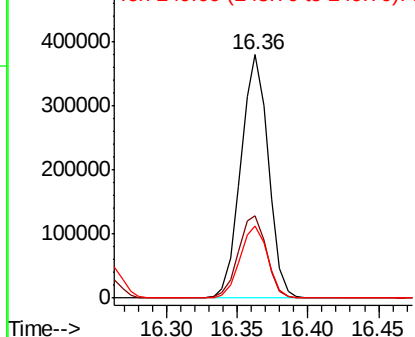


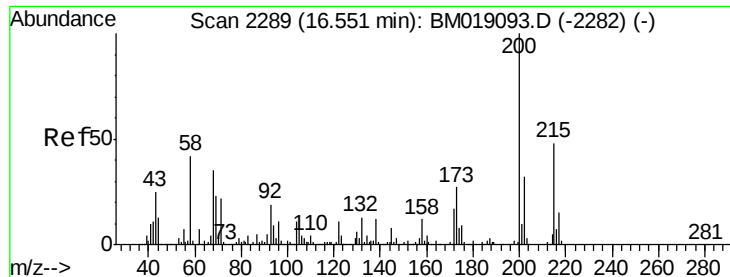
#68
Hexachlorobenzene
Concen: 26.651 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:284 Resp: 515971
Ion Ratio Lower Upper
284 100
142 33.8 26.3 39.5
249 29.7 24.1 36.1



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





#69

Atrazine

Concen: 29.547 ng

RT: 16.54 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

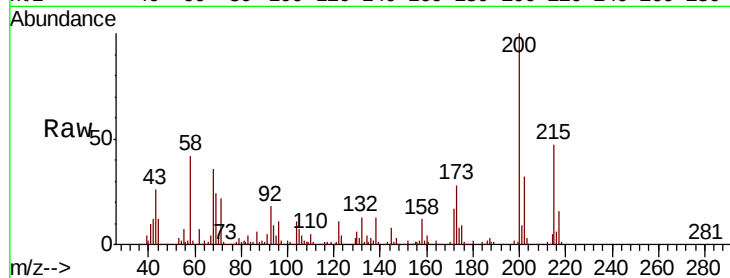
Tot Ion:200 Resp: 467613

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

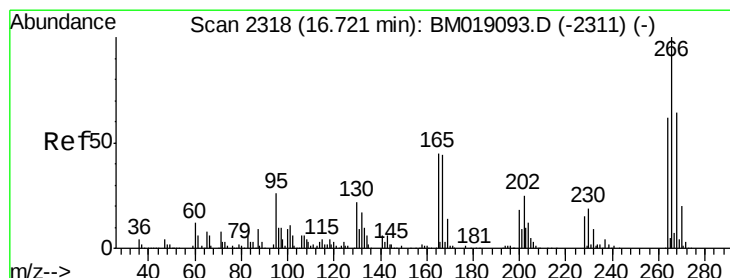
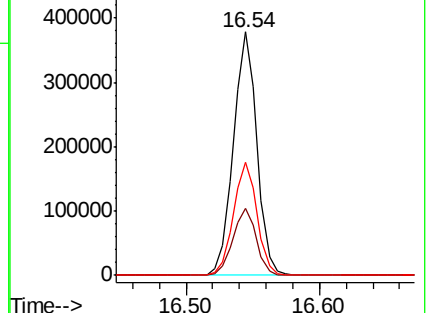
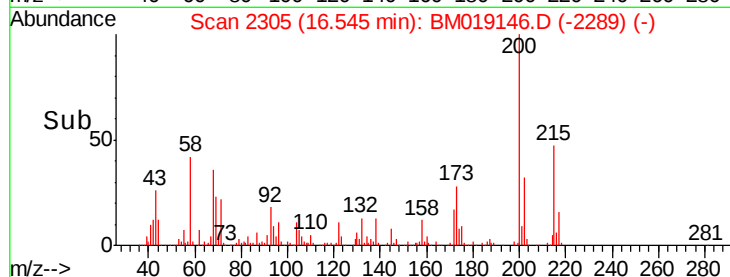
215 46.5 27.7 67.7



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: 53.871 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

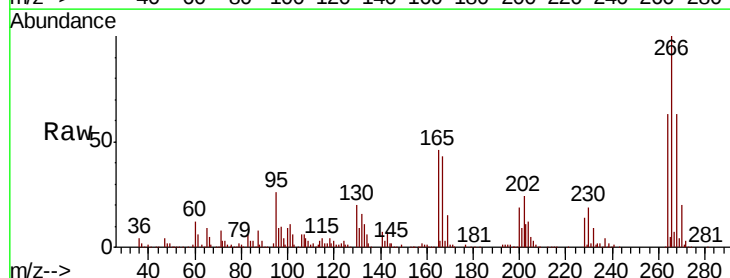
Tgt Ion:266 Resp: 628375

Ion Ratio Lower Upper

266 100

268 62.8 51.3 76.9

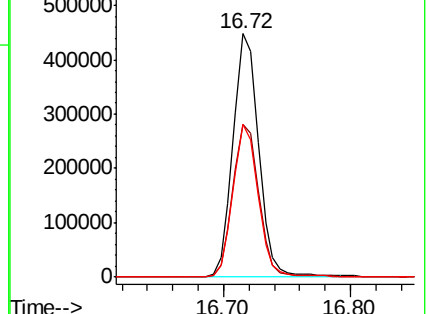
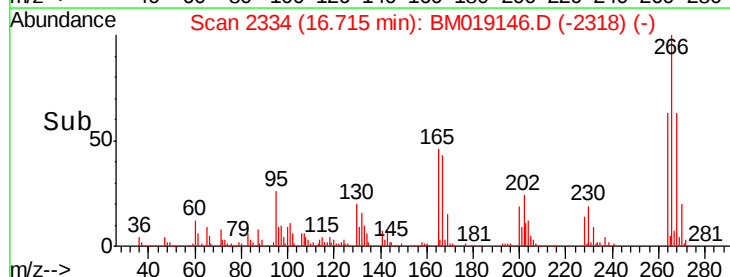
264 63.0 50.0 75.0

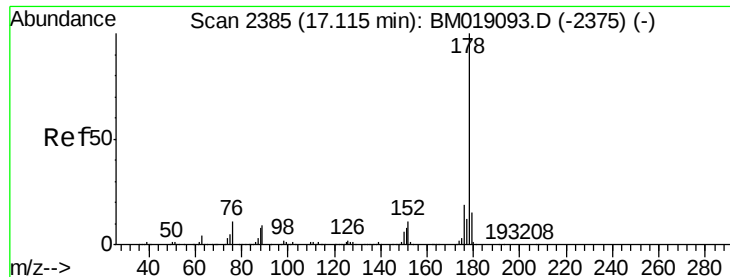


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

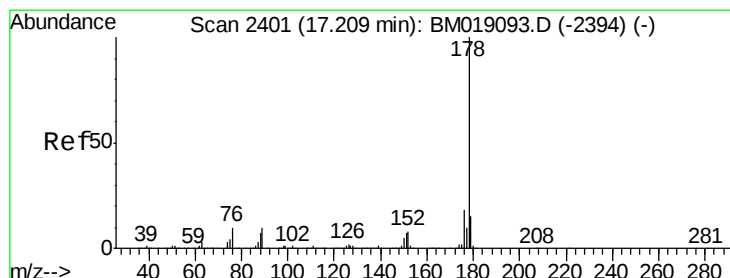
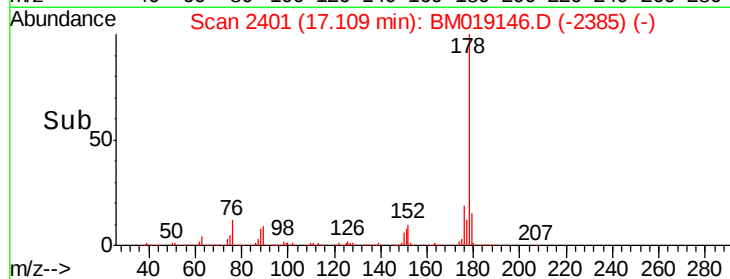
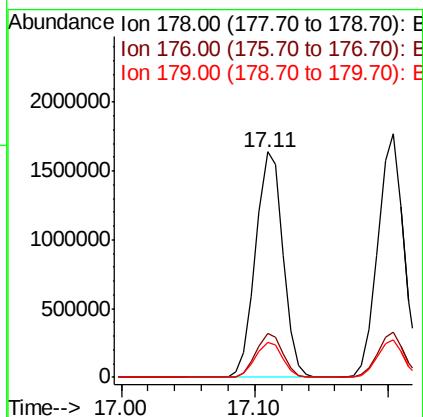
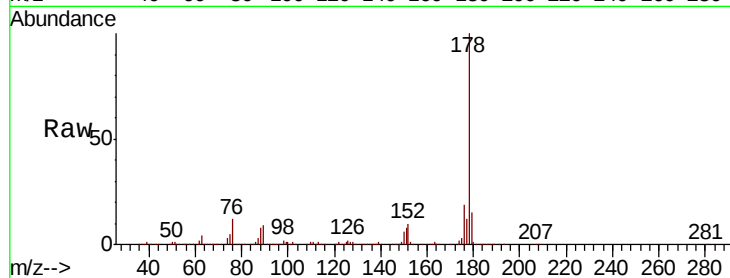




#71
Phenanthrene
Concen: 26.712 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

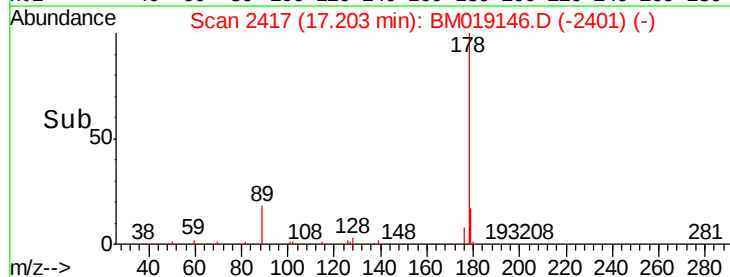
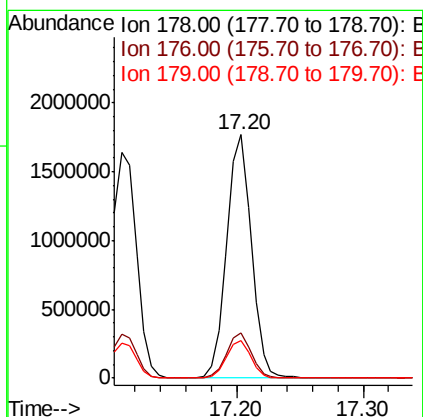
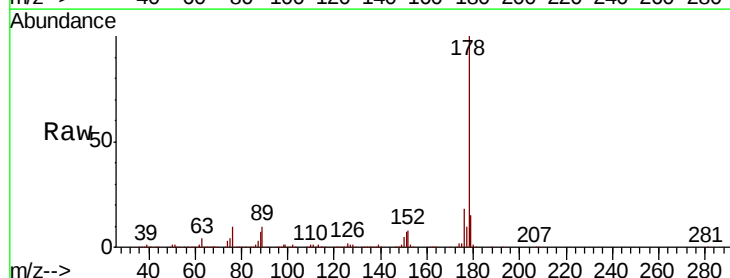
Instrument :
BNA_M
ClientSampleId :
TP-24MS

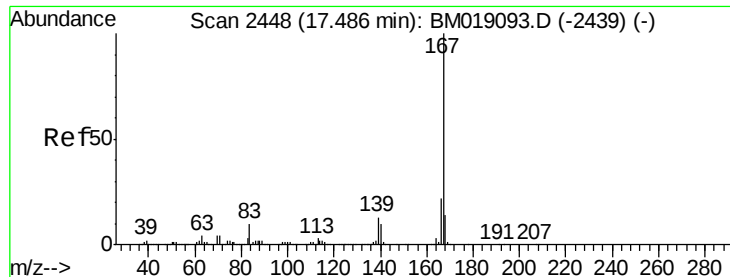
Tot Ion:178 Resp: 2312071
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.2 18.2



#72
Anthracene
Concen: 28.039 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:178 Resp: 2375926
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.4 11.9 17.9





#73

Carbazole

Concen: 28.128 ng

RT: 17.49 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

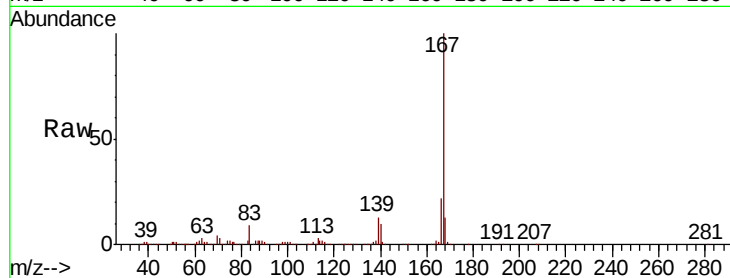
Tot Ion:167 Resp: 2249571

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

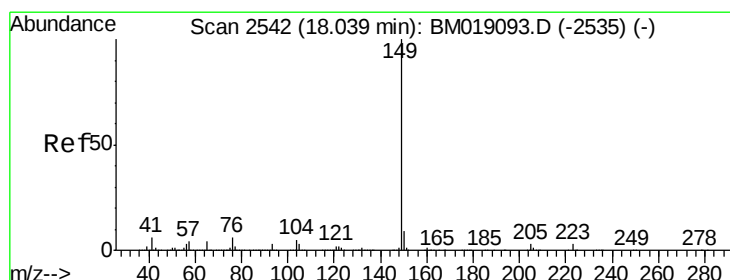
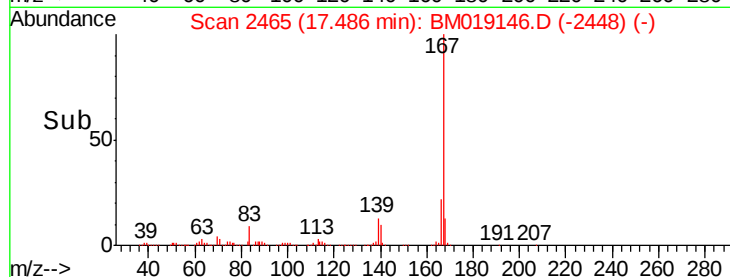
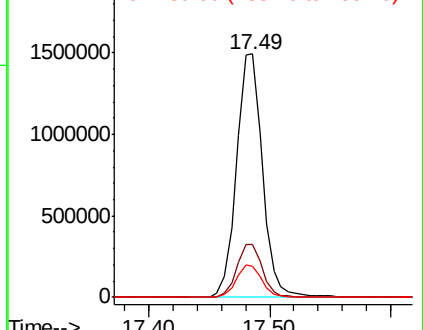
139 12.9 10.5 15.7



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: 29.047 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

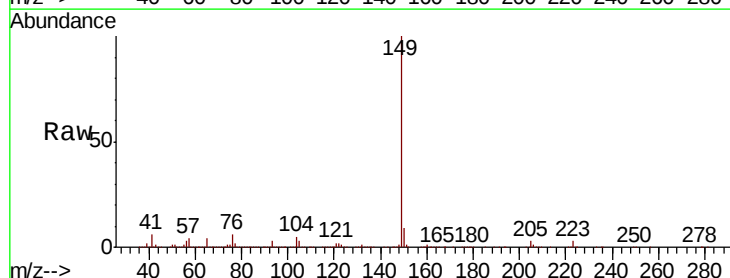
Tgt Ion:149 Resp: 2809166

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

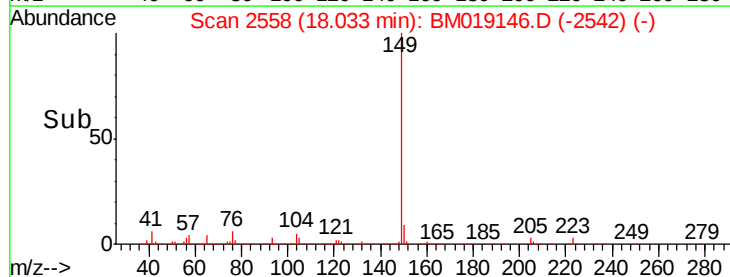
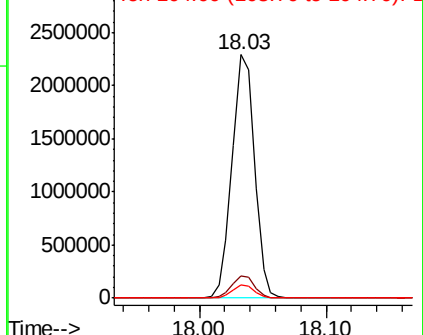
104 5.4 4.2 6.4

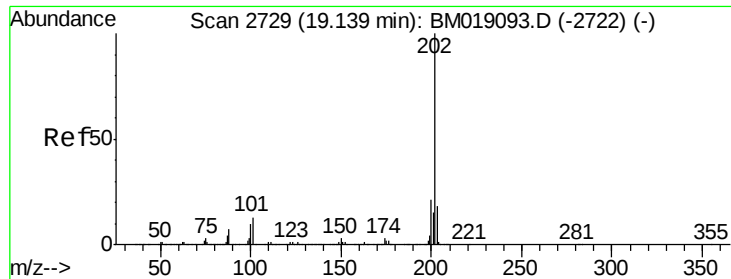


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 26.890 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

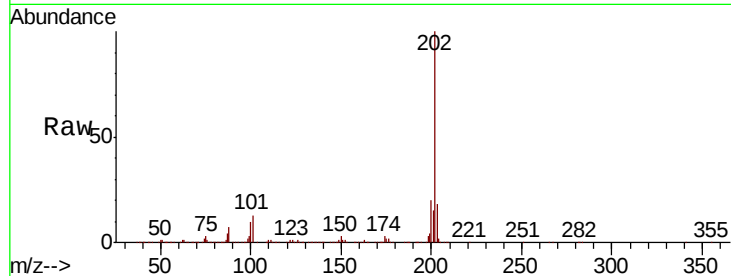
Tot Ion:202 Resp: 2670782

Ion Ratio Lower Upper

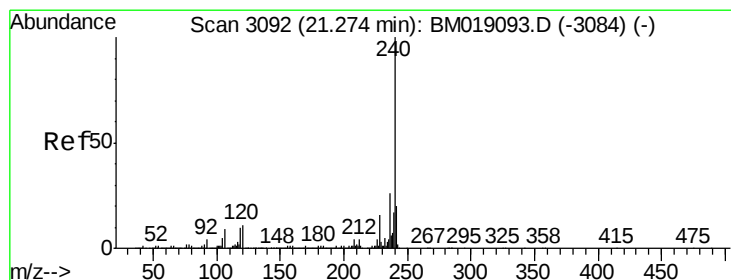
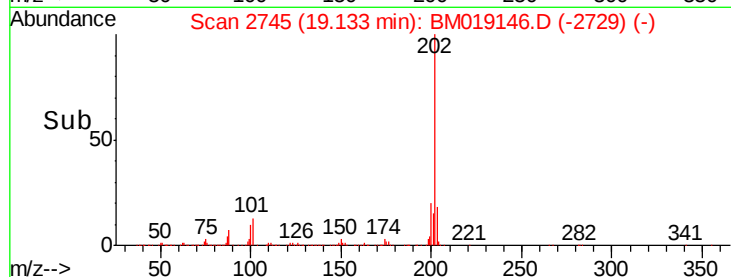
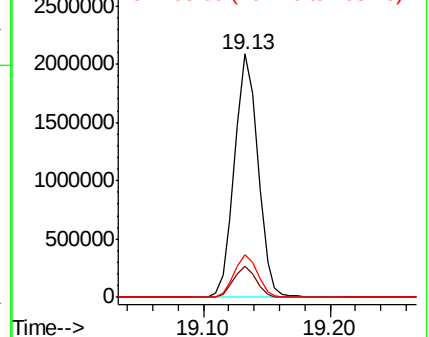
202 100

101 12.6 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: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

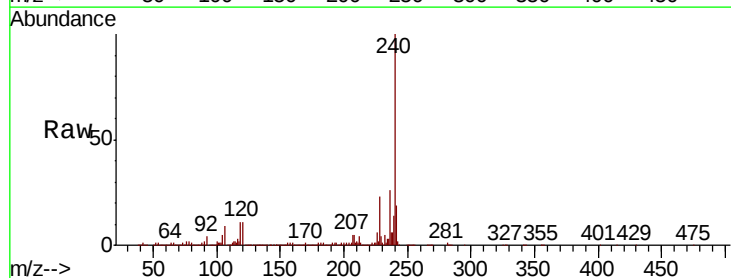
Tgt Ion:240 Resp: 1550937

Ion Ratio Lower Upper

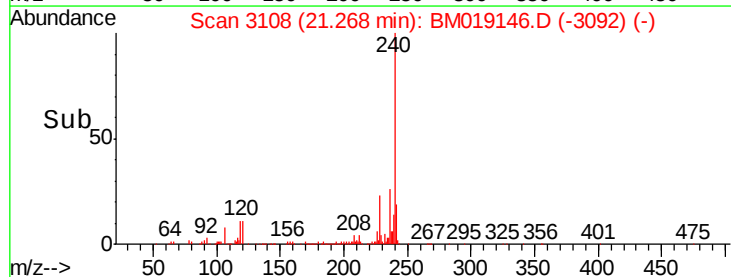
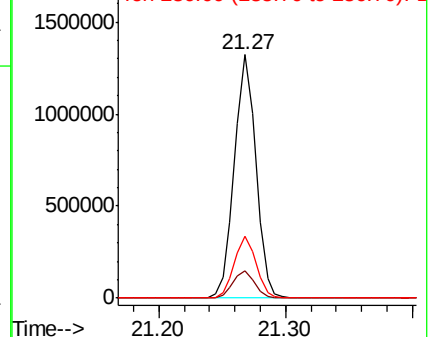
240 100

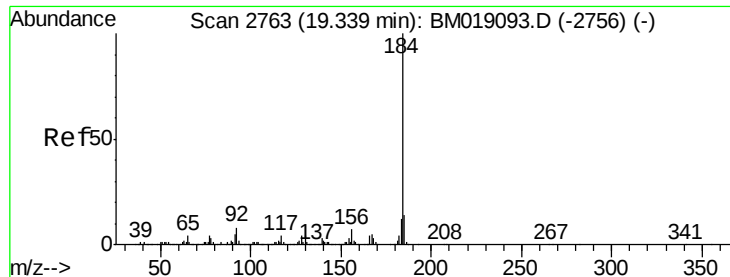
120 11.4 8.9 13.3

236 25.5 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: 7.367 ng

RT: 19.34 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

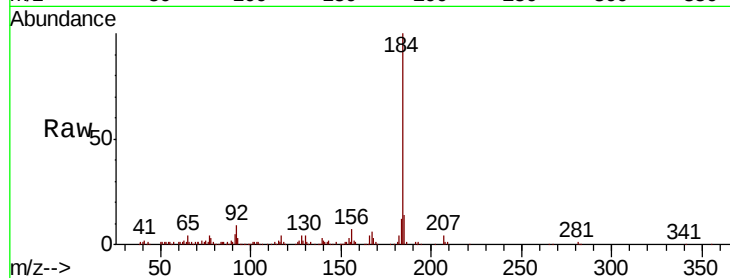
Tot Ion:184 Resp: 324032

Ion Ratio Lower Upper

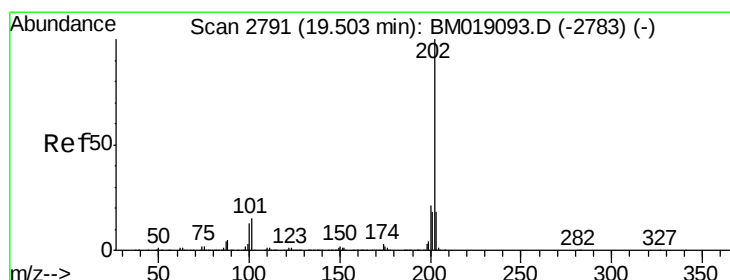
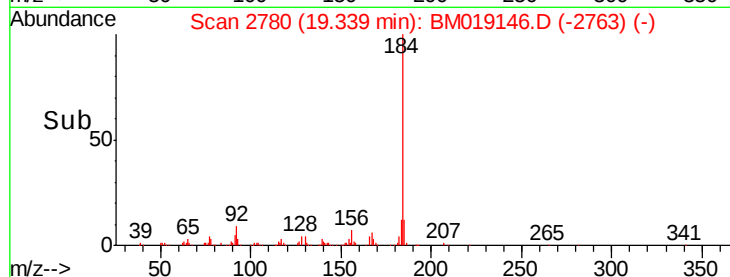
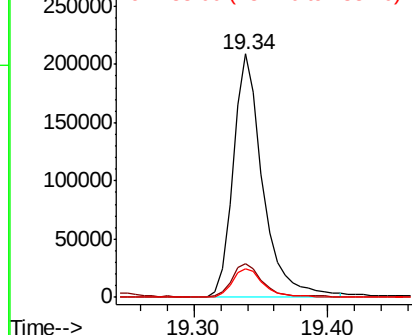
184 100

185 13.8 11.0 16.4

183 11.8 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: 28.163 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

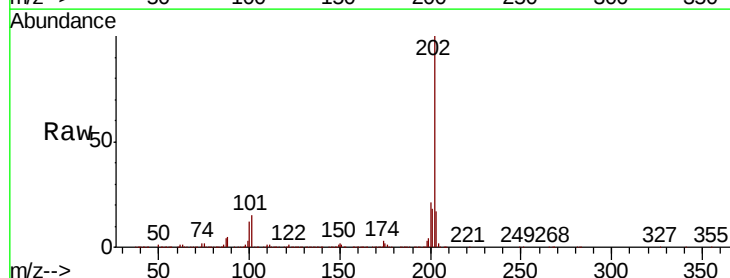
Tgt Ion:202 Resp: 2763649

Ion Ratio Lower Upper

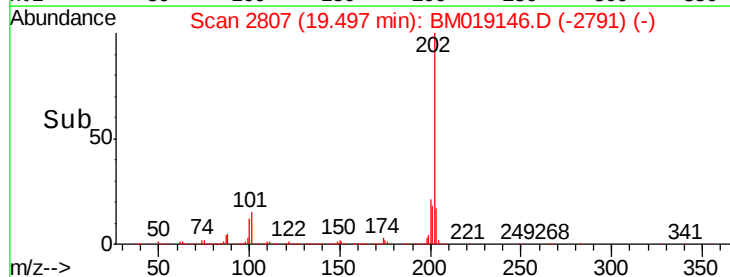
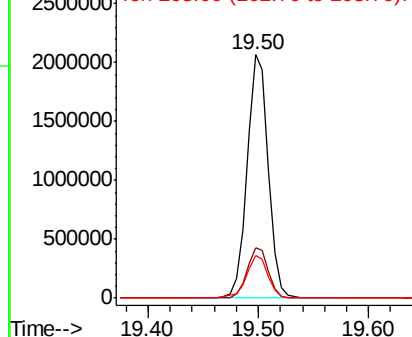
202 100

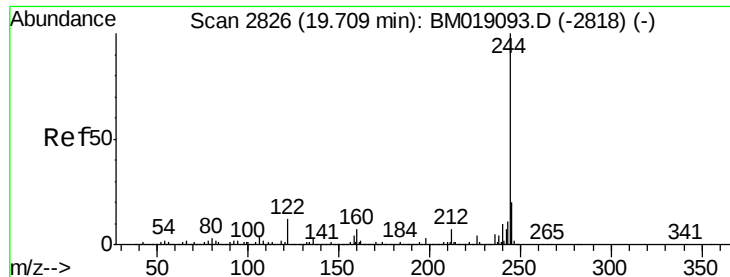
200 20.7 16.9 25.3

203 17.4 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: 57.083 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampled :

TP-24MS

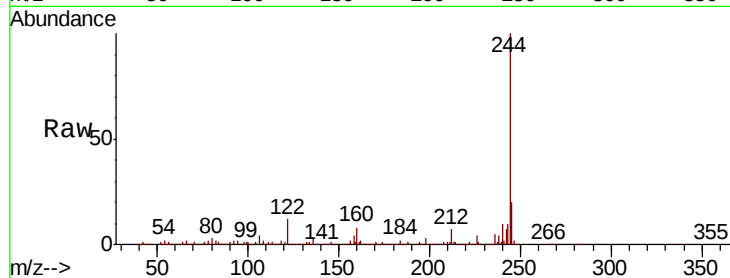
Tot Ion:244 Resp: 4459572

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

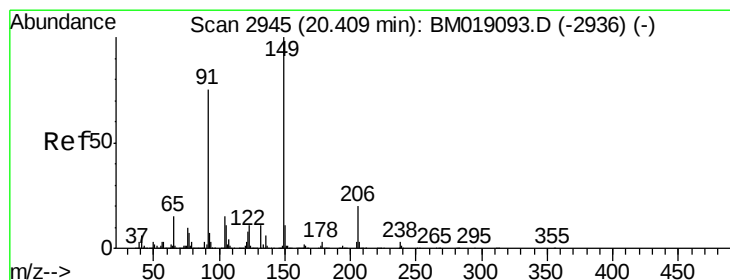
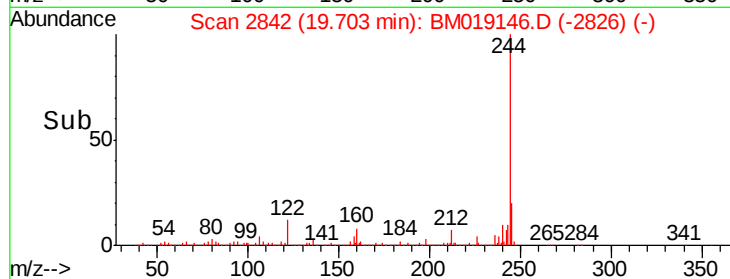
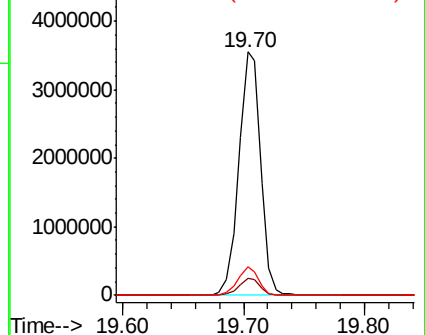
122 11.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 30.745 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

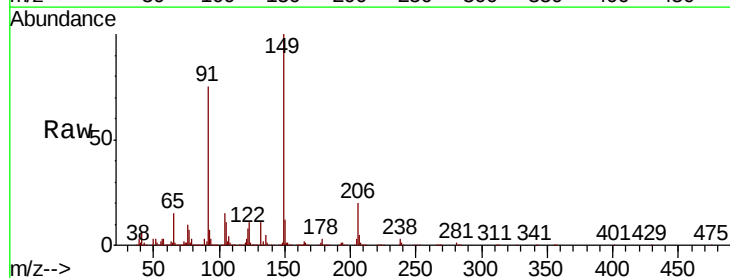
Tgt Ion:149 Resp: 1314052

Ion Ratio Lower Upper

149 100

91 75.3 60.1 90.1

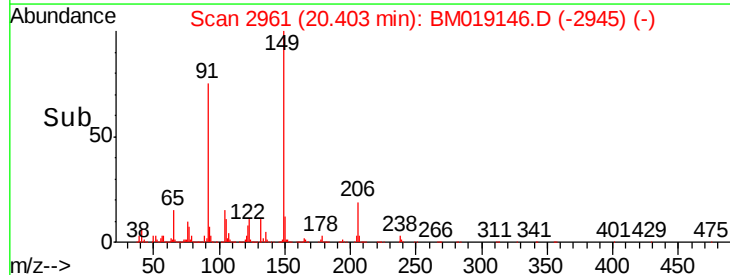
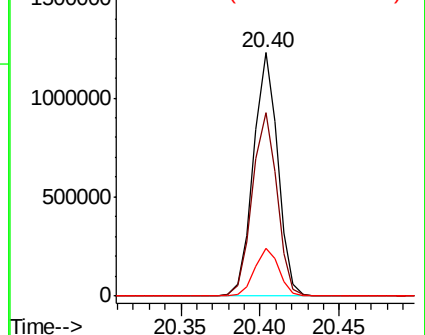
206 19.5 16.2 24.2

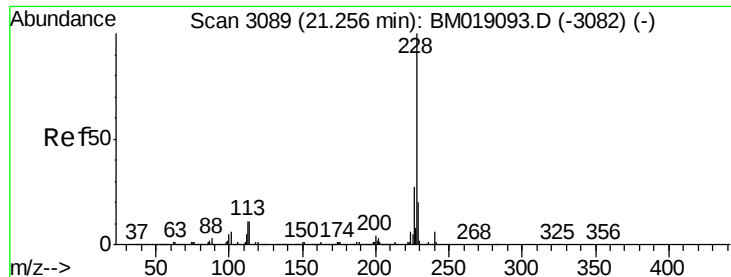


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 26.344 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

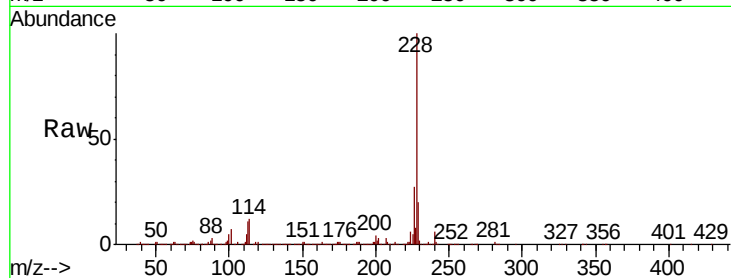
Tot Ion:228 Resp: 2563260

Ion Ratio Lower Upper

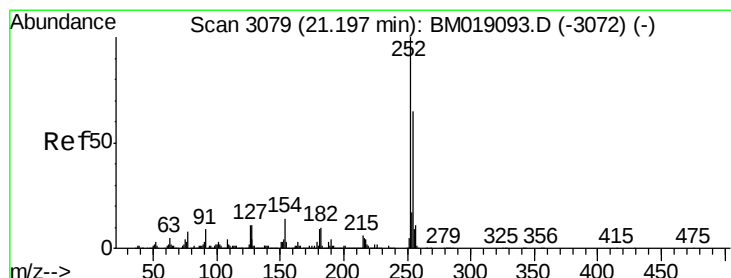
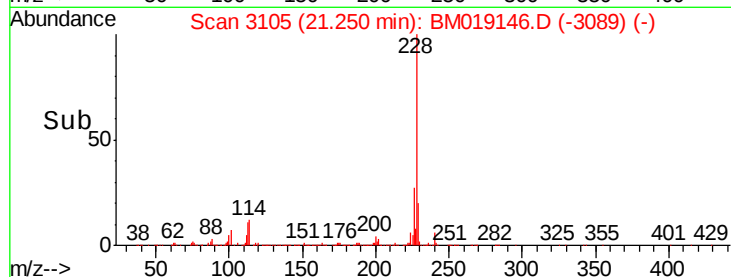
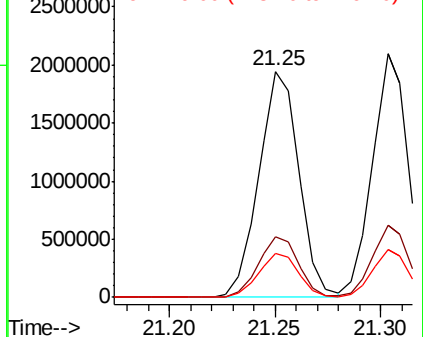
228 100

226 27.0 21.8 32.8

229 19.7 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: 18.070 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

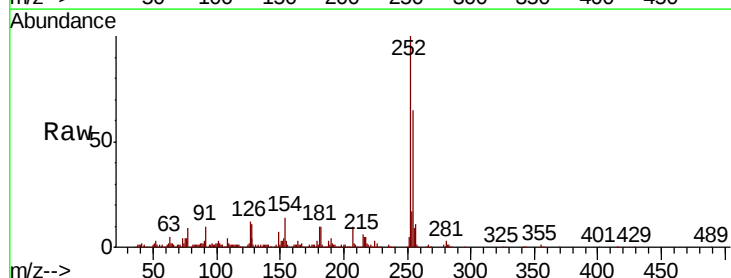
Tgt Ion:252 Resp: 677306

Ion Ratio Lower Upper

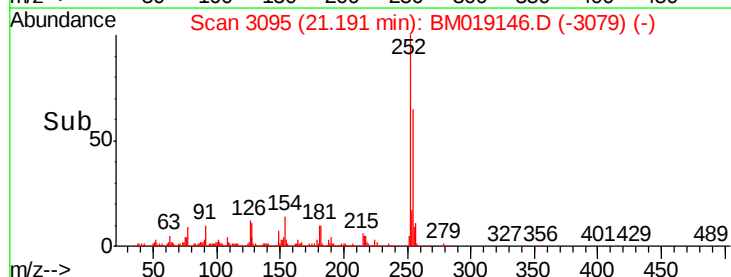
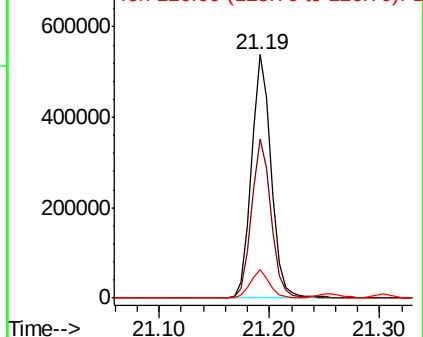
252 100

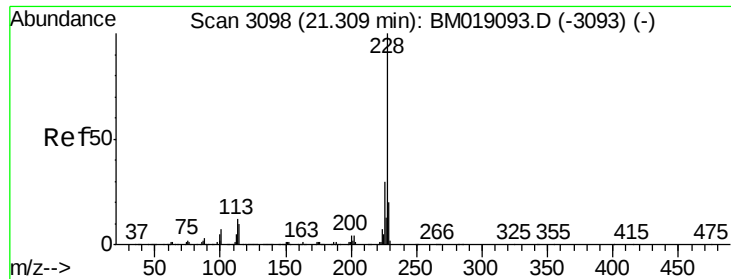
254 65.1 52.4 78.6

126 11.7 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

Chrvsene

Concen: 26.380 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampled :

TP-24MS

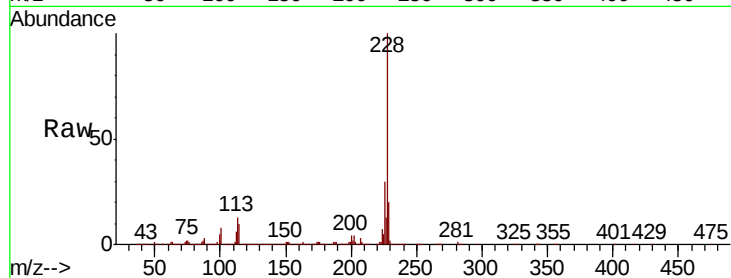
Tot Ion:228 Resp: 2483225

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

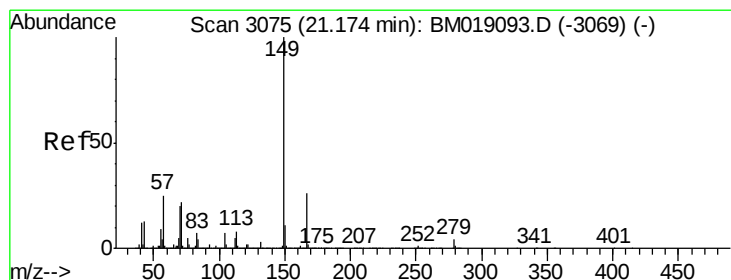
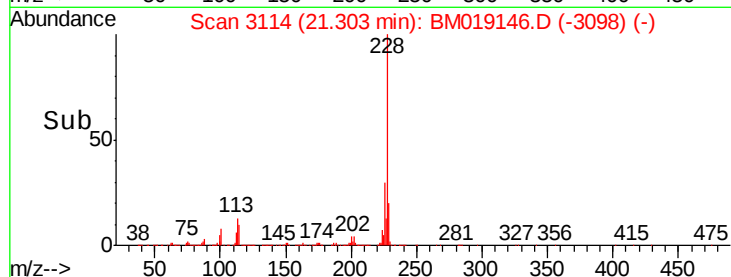
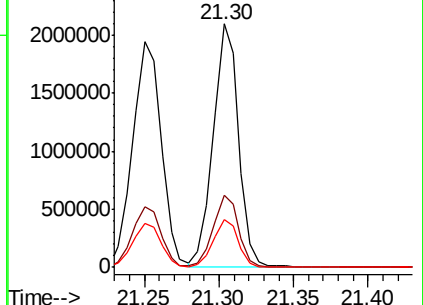
229 19.8 15.7 23.5



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: 31.561 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

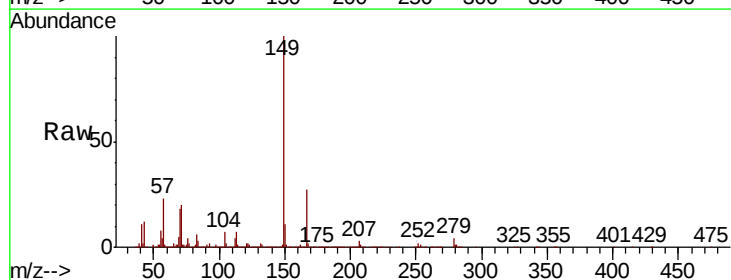
Tgt Ion:149 Resp: 1962469

Ion Ratio Lower Upper

149 100

167 26.9 21.1 31.7

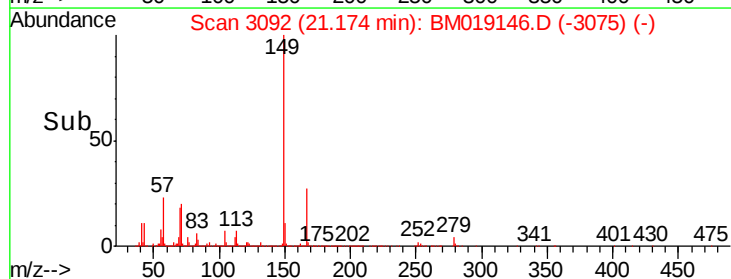
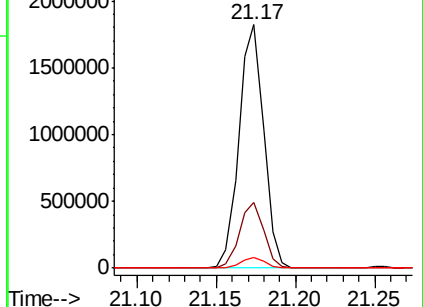
279 4.5 3.2 4.8

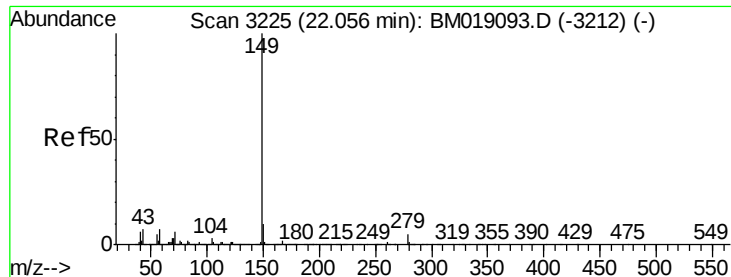


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 31.298 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

BNA_M

ClientSampleId :

TP-24MS

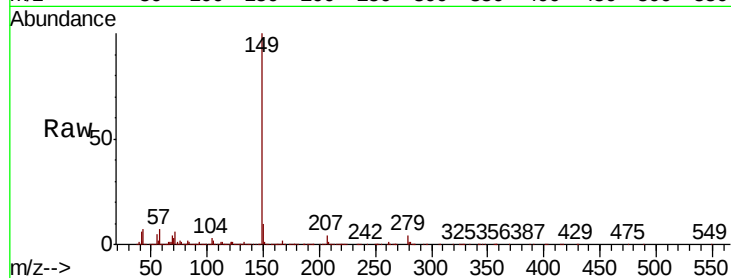
Tot Ion:149 Resp: 3277135

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

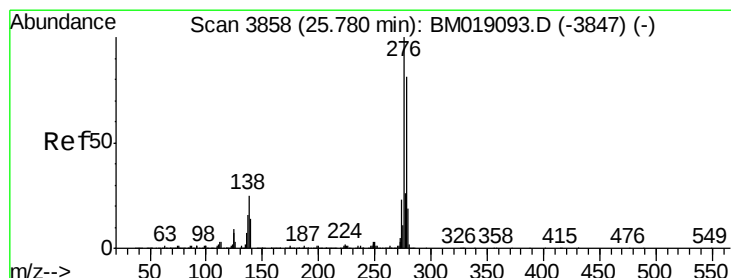
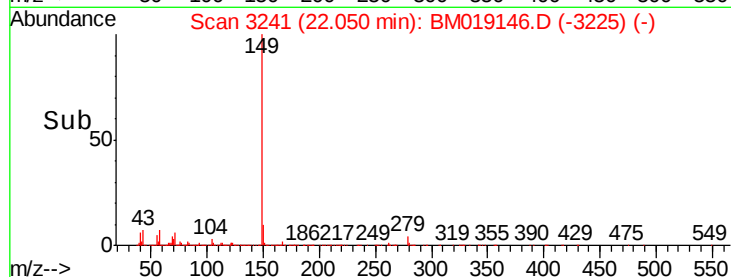
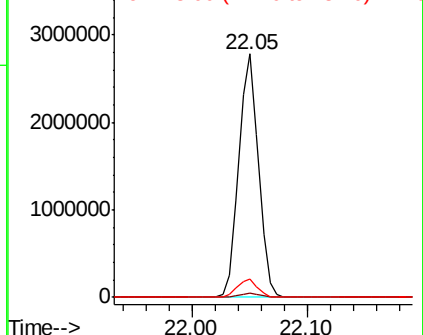
43 7.5 6.1 9.1



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: 24.176 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

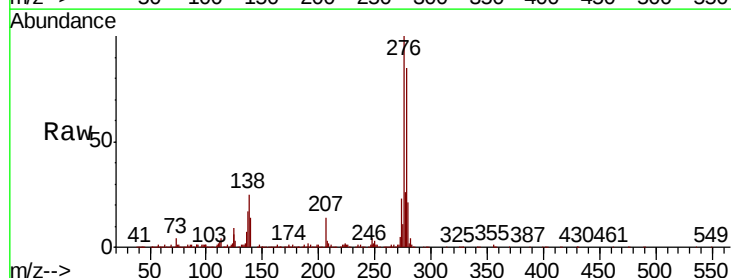
Tgt Ion:276 Resp: 2449726

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.8

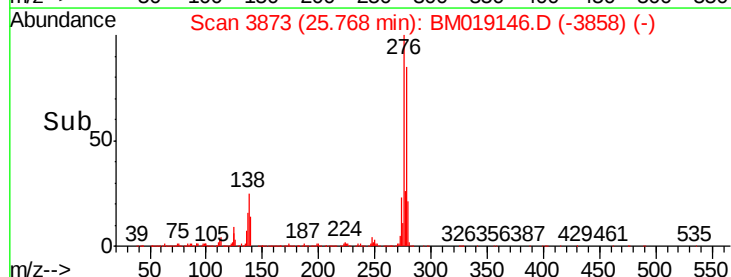
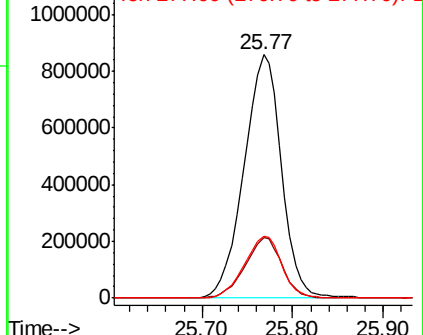
277 25.5 20.3 30.5

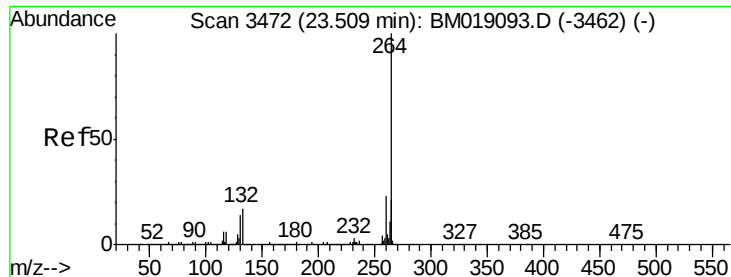


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



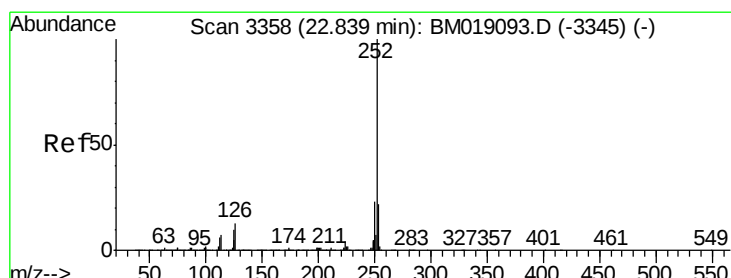
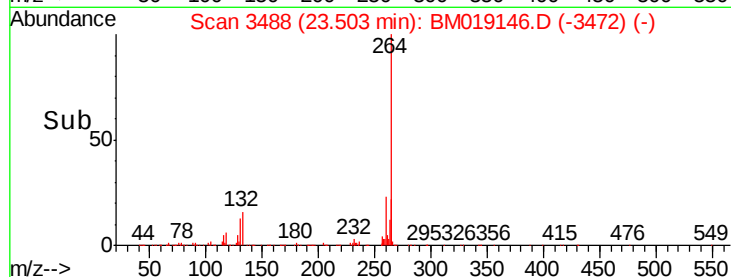
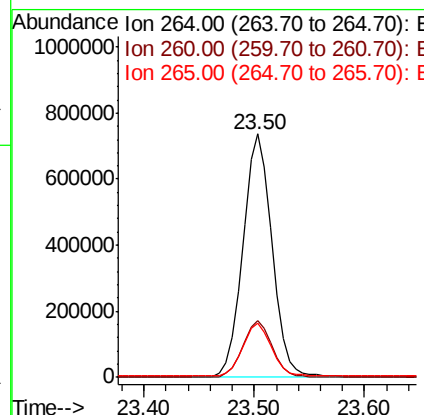
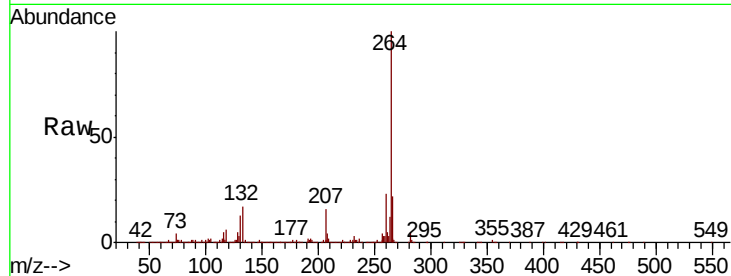


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Instrument :
BNA_M
ClientSampleId :
TP-24MS

Tot Ion:264 Resp: 1369512

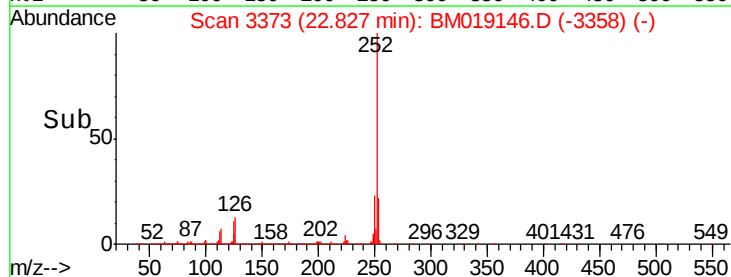
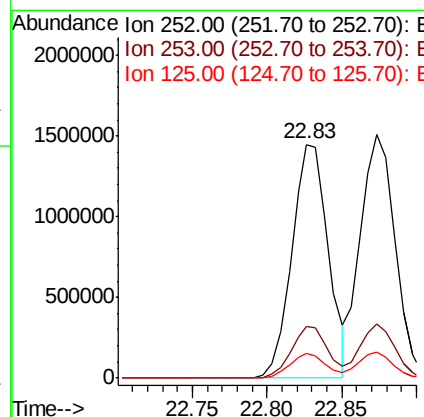
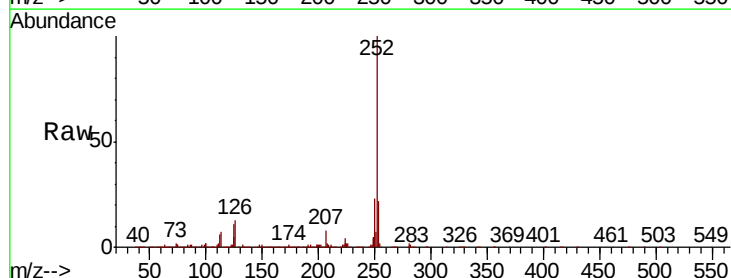
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.1	17.3	25.9

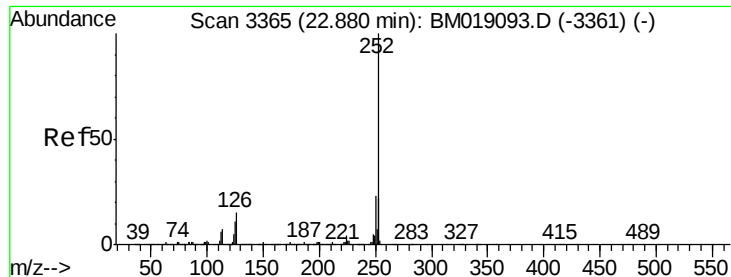


#88
Benzo(b)fluoranthene
Concen: 27.709 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:252 Resp: 2458934

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.6	8.1	12.1

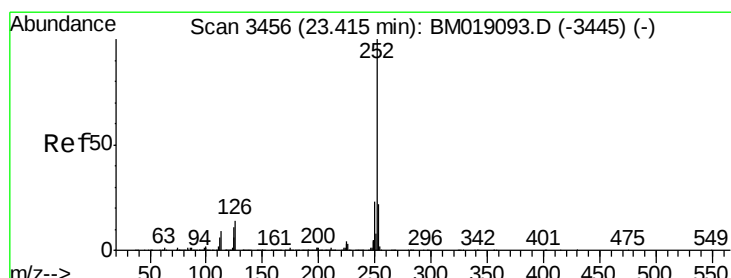
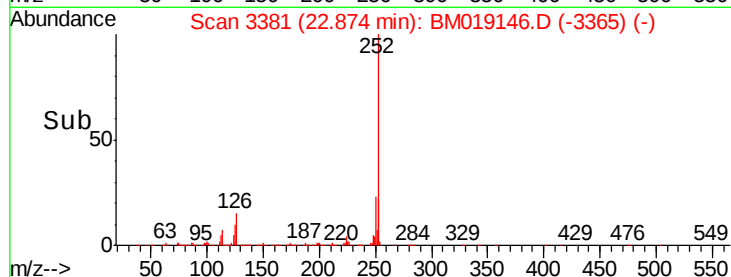
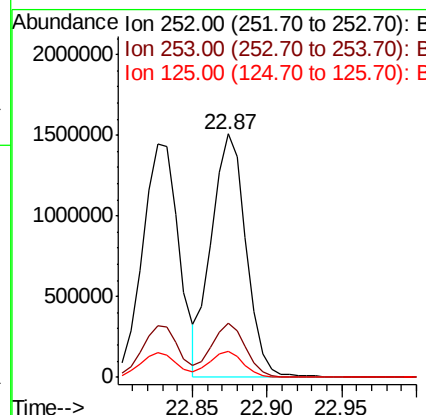
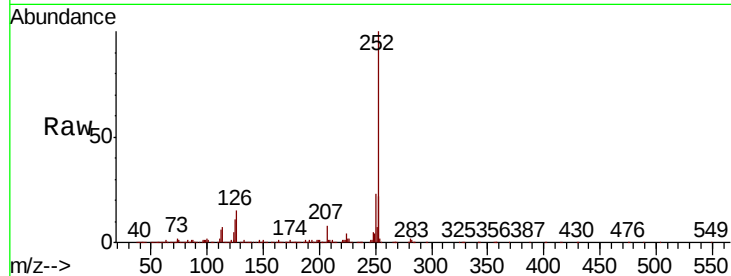




#89
Benzo(k)fluoranthene
Concen: 29.808 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

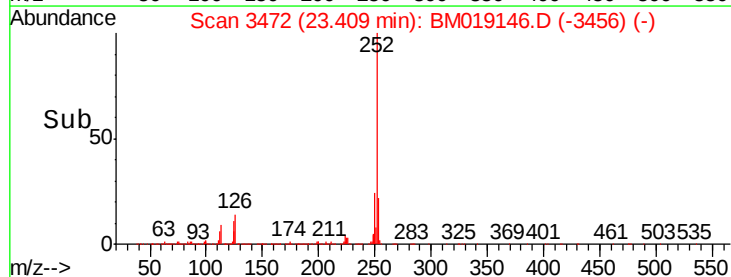
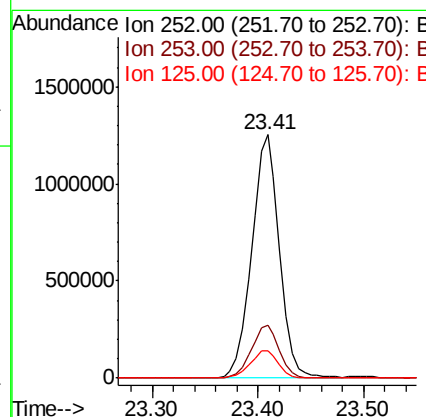
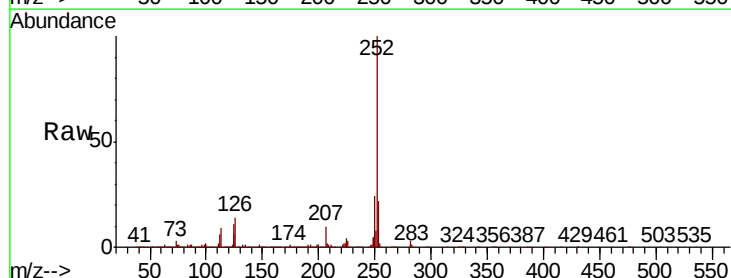
Instrument :
BNA_M
ClientSampleId :
TP-24MS

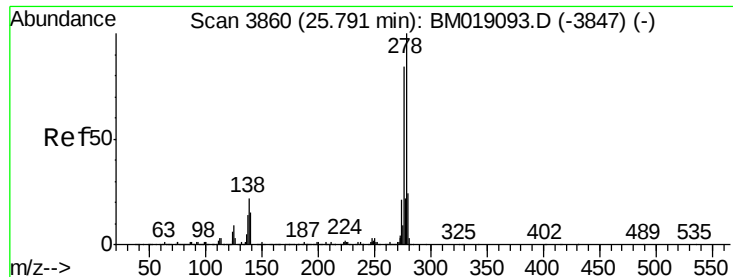
Tot Ion:252 Resp: 2432987
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.5 8.8 13.2



#90
Benzo(a)pyrene
Concen: 28.450 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM019146.D
Acq: 13 Mar 2019 15:14

Tgt Ion:252 Resp: 2268814
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 27.569 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Instrument :

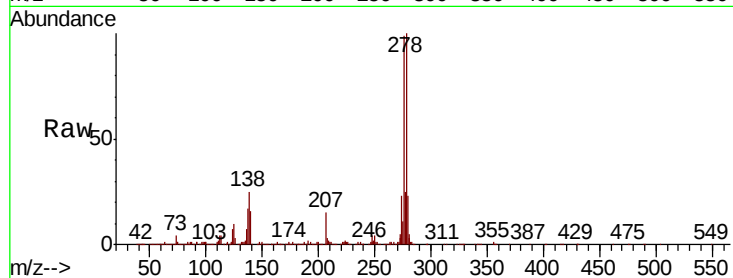
BNA_M

ClientSampleId :

TP-24MS

Tot Ion:278 Resp: 2103203

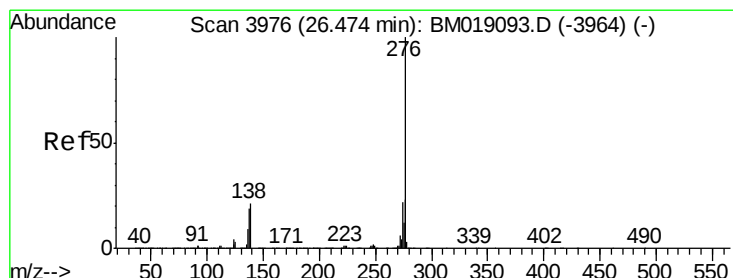
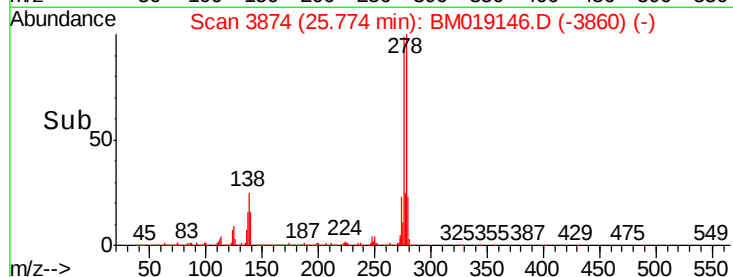
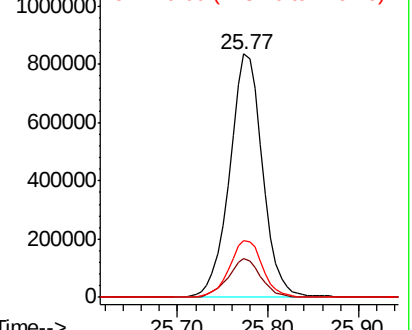
Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.3	18.5
279	23.3	18.9	28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 27.541 ng

RT: 26.46 min Scan# 3991

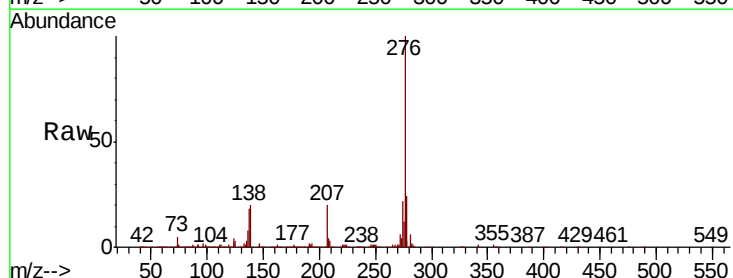
Delta R.T. -0.01 min

Lab File: BM019146.D

Acq: 13 Mar 2019 15:14

Tgt Ion:276 Resp: 1928952

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.4	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

