

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018541.D
 Acq On : 11 Jan 2019 19:09
 Operator : JU/SJ
 Sample : K1113-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 11 23:41:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	404378	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1740229	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	1044919	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2571964	20.00	ng	0.00
76) Chrysene-d12	21.35	240	3053235	20.00	ng	0.00
87) Perylene-d12	23.63	264	3526880	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1898771	86.70	ng	0.00
7) Phenol-d6	6.93	99	2532920	91.06	ng	0.00
23) Nitrobenzene-d5	8.92	82	1498803	49.93	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1174341	88.26	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3933636	49.12	ng	0.00
79) Terphenyl-d14	19.79	244	6977238	48.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	168578	18.887	ng	95
3) Pyridine	3.68	79	469872	21.115	ng	97
4) n-Nitrosodimethylamine	3.60	42	252667	27.458	ng	# 93
6) Aniline	7.09	93	327252	10.547	ng	97
8) 2-Chlorophenol	7.32	128	742154	29.016	ng	94
9) Benzaldehyde	6.91	77	229229	11.825	ng	97
10) Phenol	6.96	94	871832	30.845	ng	97
11) bis(2-Chloroethyl)ether	7.19	93	567422	25.549	ng	95
12) 1,3-Dichlorobenzene	7.64	146	740652	24.315	ng	98
13) 1,4-Dichlorobenzene	7.79	146	765815	24.806	ng	100
14) 1,2-Dichlorobenzene	8.10	146	739230	25.252	ng	99
15) Benzyl Alcohol	8.00	79	590683	29.402	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	715075	25.194	ng	95
17) 2-Methylphenol	8.20	107	579812	30.220	ng	99
18) Hexachloroethane	8.82	117	268990	24.436	ng	95
19) n-Nitroso-di-n-propylamine	8.56	70	474354	26.205	ng	95
20) 3+4-Methylphenols	8.53	107	799205	30.175	ng	97
22) Acetophenone	8.58	105	992045	23.045	ng	# 97
24) Nitrobenzene	8.96	77	716508	24.258	ng	97
25) Isophorone	9.48	82	1317523	28.984	ng	97
26) 2-Nitrophenol	9.67	139	395522	27.694	ng	97
27) 2,4-Dimethylphenol	9.72	122	665751	31.100	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	797481	25.395	ng	98
29) 2,4-Dichlorophenol	10.20	162	729907	28.634	ng	98
30) 1,2,4-Trichlorobenzene	10.41	180	755288	23.872	ng	99
31) Naphthalene	10.60	128	2201157	26.264	ng	99
33) 4-Chloroaniline	10.72	127	299662	9.079	ng	98
34) Hexachlorobutadiene	10.86	225	453357	22.681	ng	99
35) Caprolactam	11.51	113	169229	19.527	ng	87
36) 4-Chloro-3-methylphenol	11.85	107	767212	28.688	ng	99
37) 2-Methylnaphthalene	12.21	142	1654813	27.946	ng	99
38) 1-Methylnaphthalene	12.43	142	1570577	27.412	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	860426	23.547	ng	99
41) Hexachlorocyclopentadiene	12.55	237	980270	48.881	ng	99

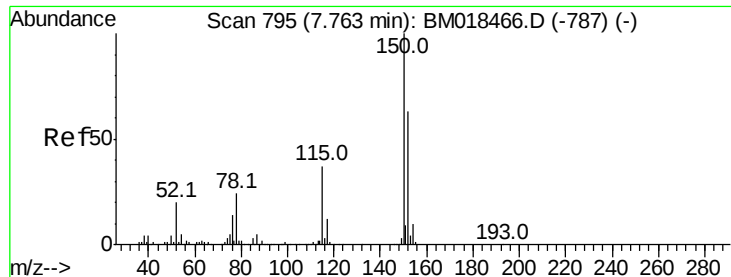
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018541.D
 Acq On : 11 Jan 2019 19:09
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.83	196	608204	27.410	nq	99
44) 2,4,5-Trichlorophenol	12.90	196	664495	28.474	nq	97
46) 1,1'-Biphenyl	13.23	154	2130058	23.346	nq	98
47) 2-Chloronaphthalene	13.27	162	1657859	23.432	nq	100
48) 2-Nitroaniline	13.49	65	466093	26.777	nq	90
49) Acenaphthylene	14.13	152	2768442	26.850	nq	100
50) Dimethylphthalate	13.86	163	2952448	34.404	nq	99
51) 2,6-Dinitrotoluene	13.99	165	488883	26.894	nq	92
52) Acenaphthene	14.47	154	1582450	25.084	nq	99
53) 3-Nitroaniline	14.32	138	284587	15.529	nq	96
54) 2,4-Dinitrophenol	14.53	184	499083	53.353	nq	92
55) Dibenzofuran	14.80	168	2601674	24.959	nq	98
56) 4-Nitrophenol	14.64	139	953436	60.222	nq	95
57) 2,4-Dinitrotoluene	14.78	165	704657	27.398	nq	98
58) Fluorene	15.46	166	2145131	27.626	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.03	232	619717	29.959	nq	98
60) Diethylphthalate	15.23	149	2300693	26.557	nq	100
61) 4-Chlorophenyl-phenylether	15.45	204	1086918	24.287	nq	99
62) 4-Nitroaniline	15.49	138	539520	26.990	nq	99
63) Azobenzene	15.75	77	1786182	25.288	nq	97
65) 4,6-Dinitro-2-methylphenol	15.54	198	393255	26.686	nq	85
66) n-Nitrosodiphenylamine	15.67	169	1906627	23.898	nq	99
67) 4-Bromophenyl-phenylether	16.35	248	665859	23.135	nq	97
68) Hexachlorobenzene	16.45	284	747299	23.193	nq	98
69) Atrazine	16.62	200	746485	25.882	nq	99
70) Pentachlorophenol	16.80	266	1000085	47.393	nq	98
71) Phenanthrene	17.20	178	3541596	25.888	nq	99
72) Anthracene	17.29	178	3611064	27.450	nq	100
73) Carbazole	17.56	167	3422619	25.324	nq	99
74) Di-n-butylphthalate	18.12	149	4049792	27.355	nq	99
75) Fluoranthene	19.22	202	4402152	27.911	nq	98
77) Benzidine	19.42	184	2098598	27.837	nq	100
78) Pyrene	19.58	202	4601972	25.428	nq	100
80) Butylbenzylphthalate	20.49	149	2089592	27.058	nq	94
81) Benzo(a)anthracene	21.33	228	4884645	27.156	nq	100
82) 3,3'-Dichlorobenzidine	21.27	252	1039332	15.280	nq	99
83) Chrysene	21.39	228	4528976	26.075	nq	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3034498	27.212	nq	99
85) Di-n-octyl phthalate	22.14	149	5436291	28.984	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.96	276	6446755	32.188	nq	96
88) Benzo(b)fluoranthene	22.94	252	5287178	26.406	nq	98
89) Benzo(k)fluoranthene	22.94	252	5282359	26.178	nq	98
90) Benzo(a)pyrene	23.53	252	5152987	26.882	nq	98
91) Dibenzo(a,h)anthracene	25.97	278	5434187	27.978	nq	98
92) Benzo(g,h,i)perylene	26.67	276	5361664	28.367	nq	97

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

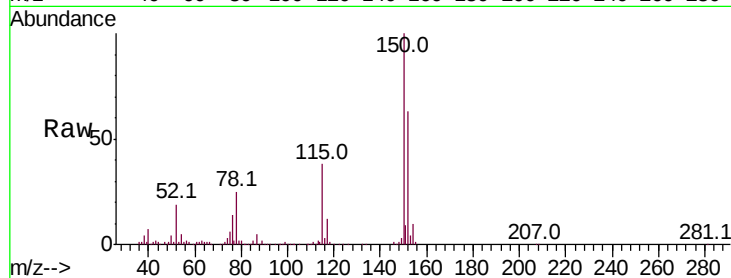


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	404378
Ion Ratio	Lower	Upper	
152	100		
150	157.8	126.9	190.3
115	59.9	45.5	68.3

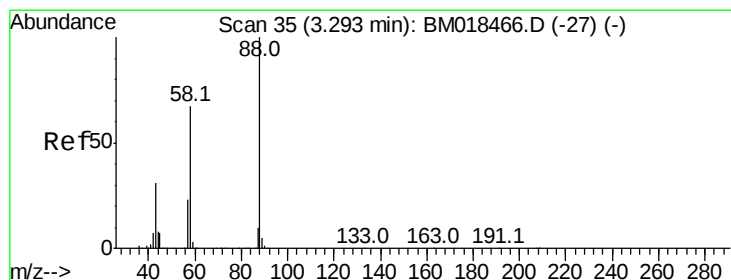
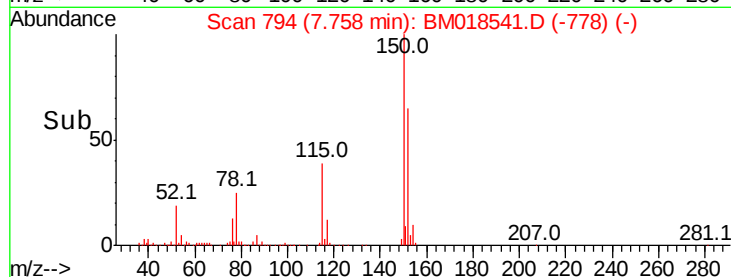
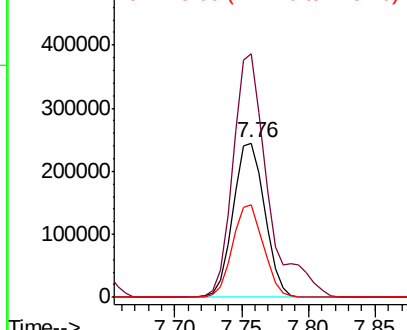


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

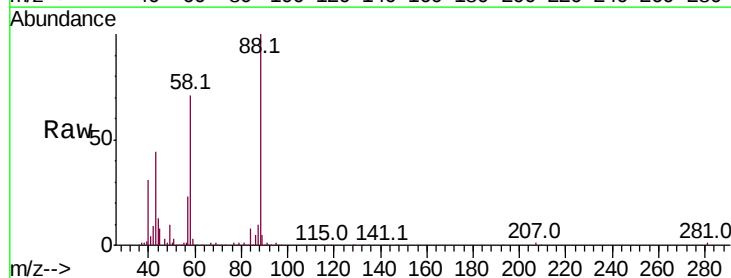
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 18.887 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion	88	Resp	168578
Ion Ratio	Lower	Upper	
88	100		
58	68.0	58.4	87.6
43	30.9	26.2	39.4

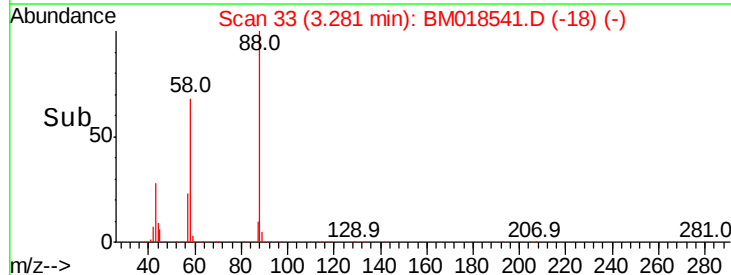
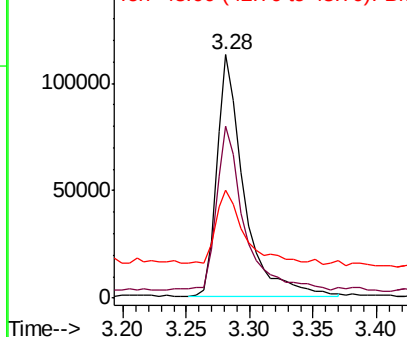


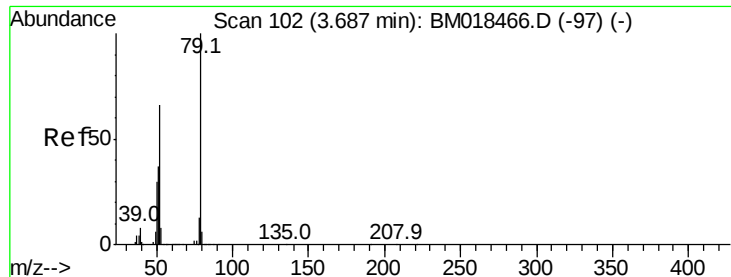
Abundance

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: 21.115 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

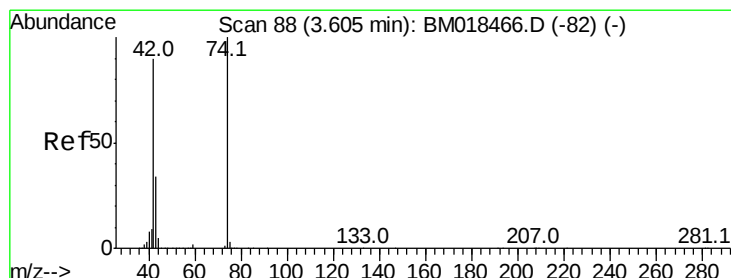
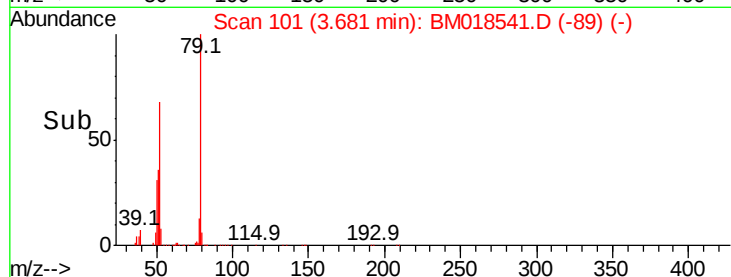
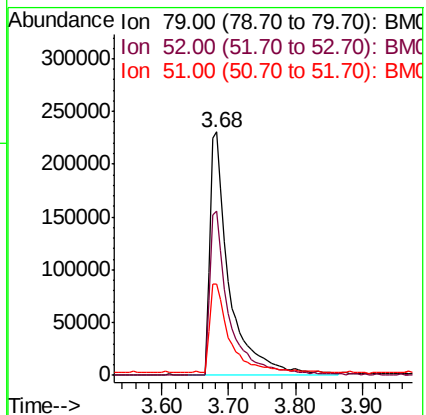
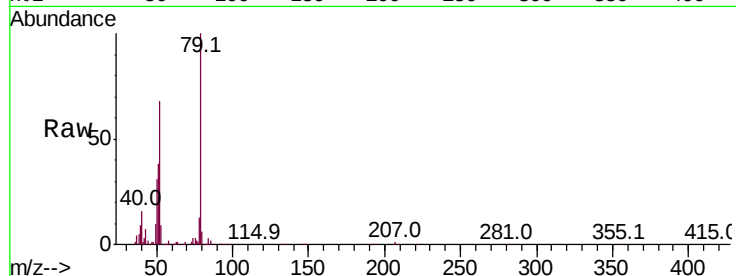
Tot Ion: 79 Resp: 469872

Ion Ratio Lower Upper

79 100

52 67.6 56.4 84.6

51 37.6 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 27.458 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

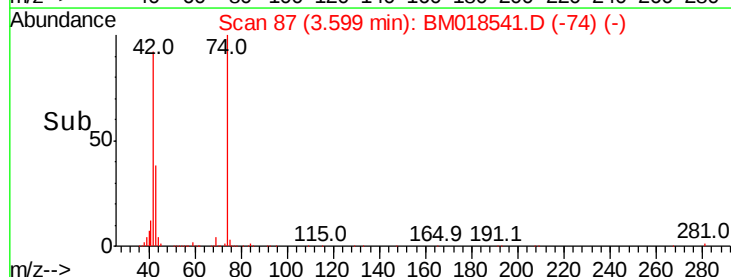
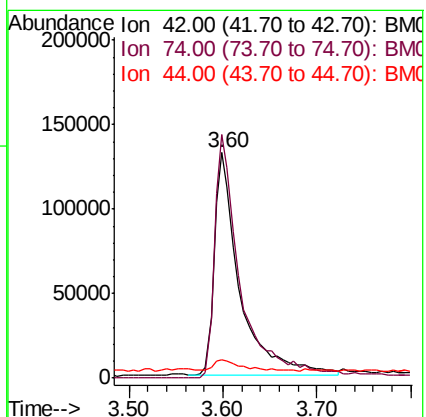
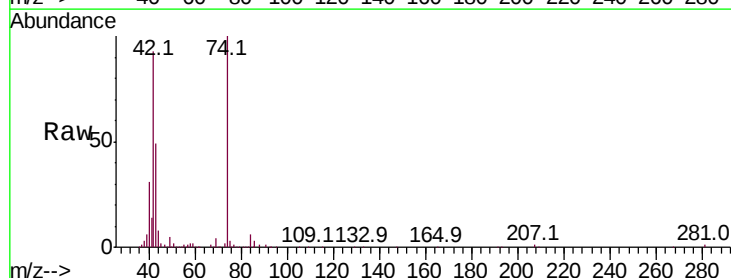
Tgt Ion: 42 Resp: 252667

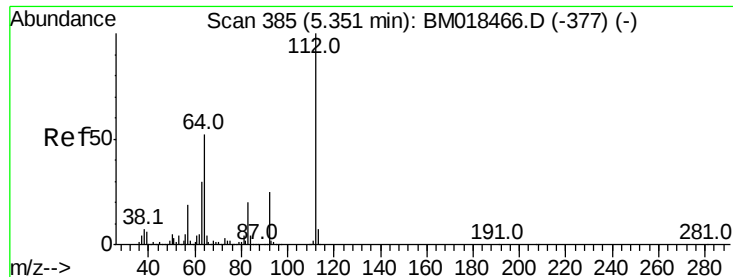
Ion Ratio Lower Upper

42 100

74 107.9 88.6 132.8

44 8.2 16.9 25.3#





#5

2-Fluorophenol

Concen: 86.703 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

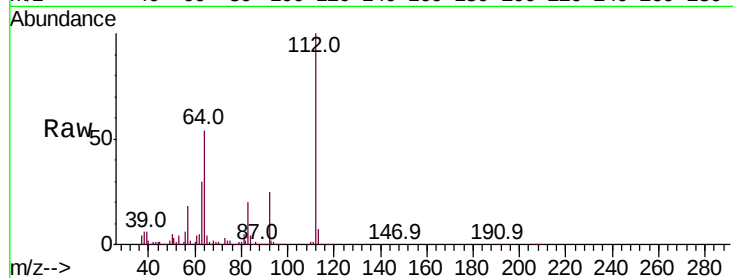
Tot Ion:112 Resp: 1898771

Ion Ratio Lower Upper

112 100

64 53.7 46.5 69.7

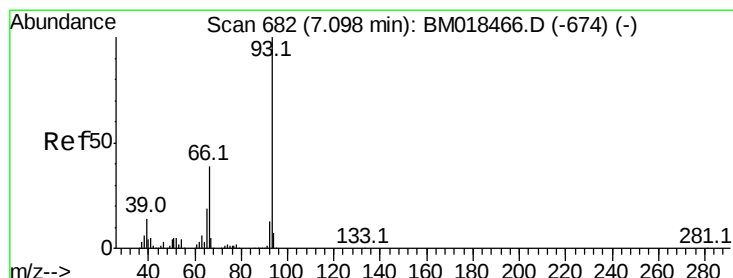
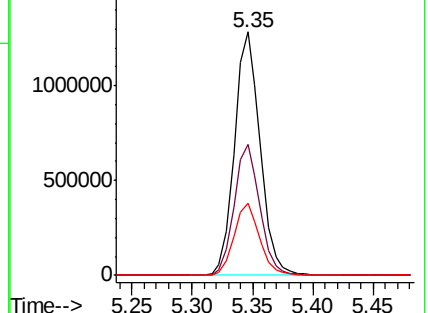
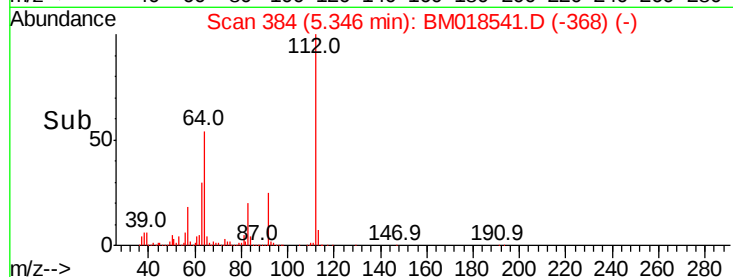
63 29.8 25.2 37.8



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: 10.547 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

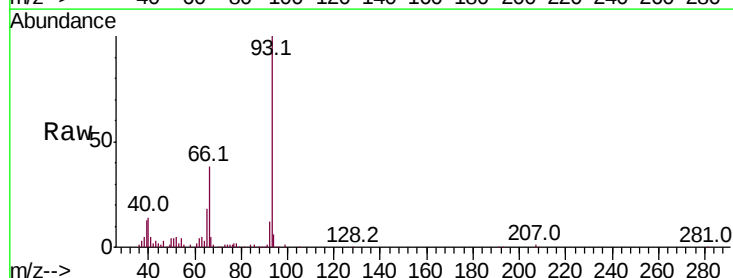
Tgt Ion: 93 Resp: 327252

Ion Ratio Lower Upper

93 100

66 38.2 31.7 47.5

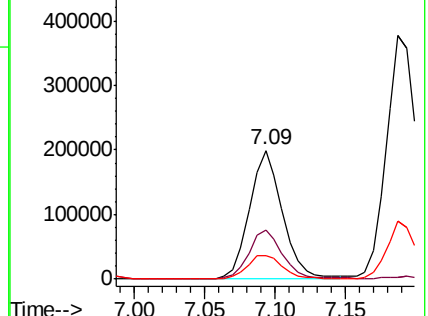
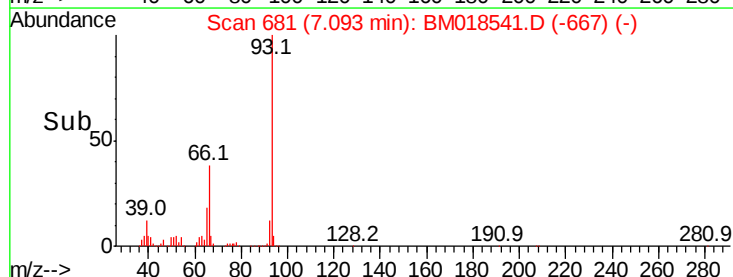
65 18.3 15.9 23.9

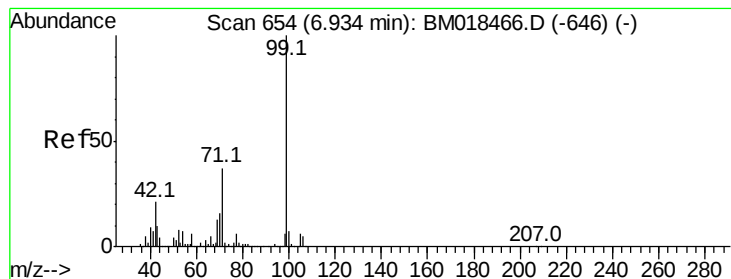


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 91.062 ng

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

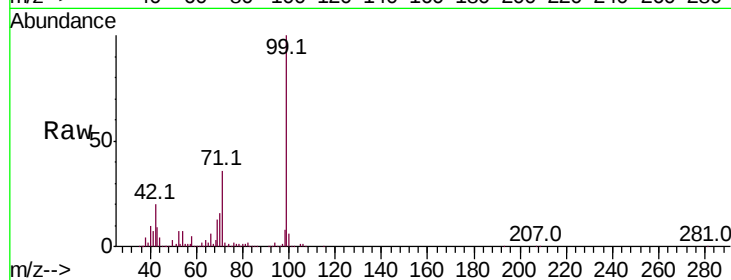
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2532920

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.3	25.9
71	35.5	28.0	42.0

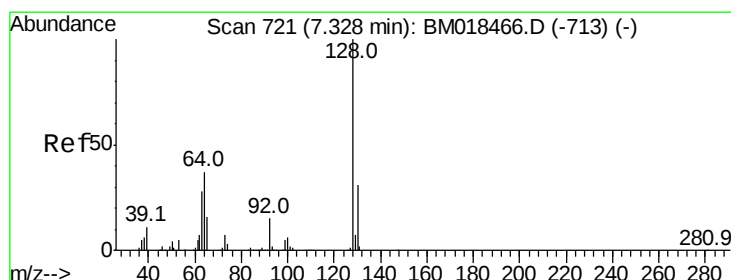
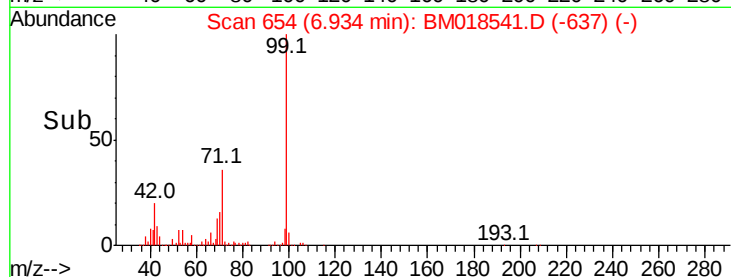


Abundance

Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 29.016 ng

RT: 7.32 min Scan# 720

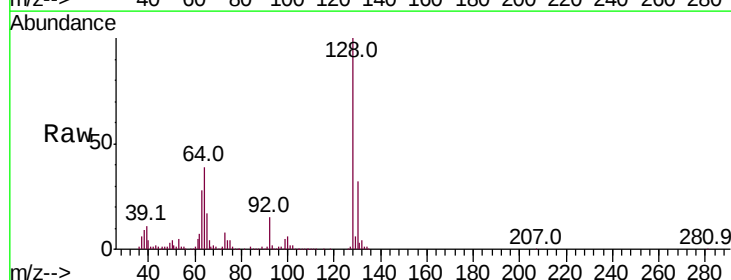
Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Tgt Ion: 128 Resp: 742154

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.6	53.6
64	39.1	24.8	64.8

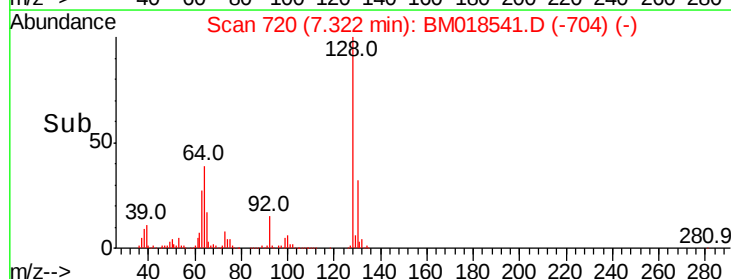


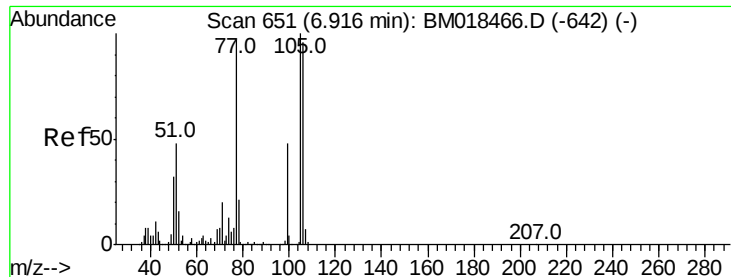
Abundance

Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 11.825 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

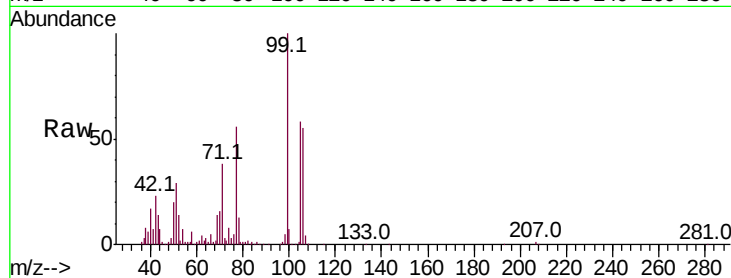
Tot Ion: 77 Resp: 229229

Ion Ratio Lower Upper

77 100

105 103.1 79.7 119.7

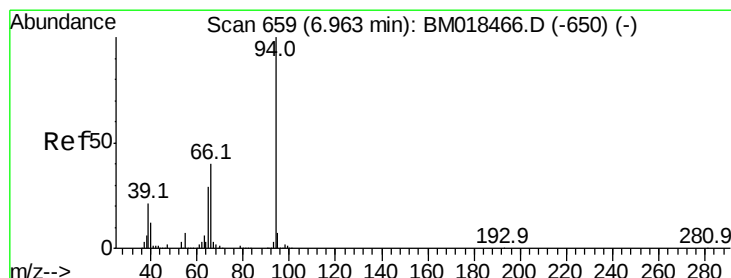
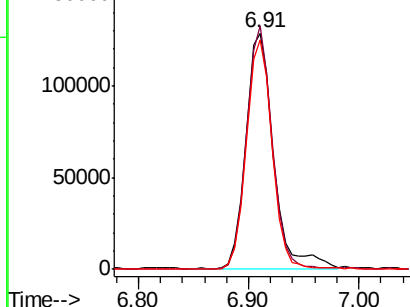
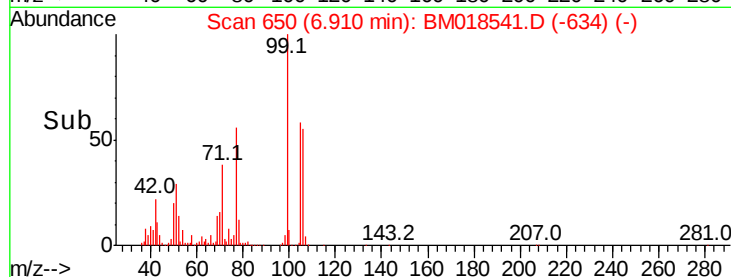
106 97.2 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018541.D (-634) (-)

Ion 105.00 (104.70 to 105.70): BM018541.D (-634) (-)

Ion 106.00 (105.70 to 106.70): BM018541.D (-634) (-)



#10

Phenol

Concen: 30.845 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

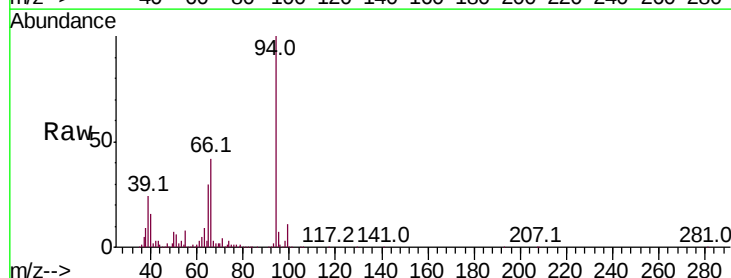
Tgt Ion: 94 Resp: 871832

Ion Ratio Lower Upper

94 100

65 29.7 9.4 49.4

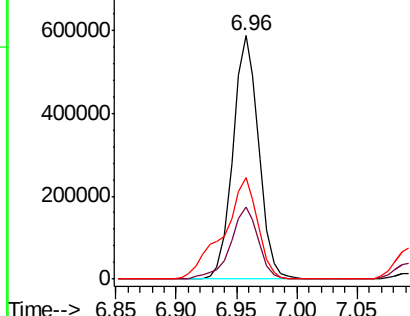
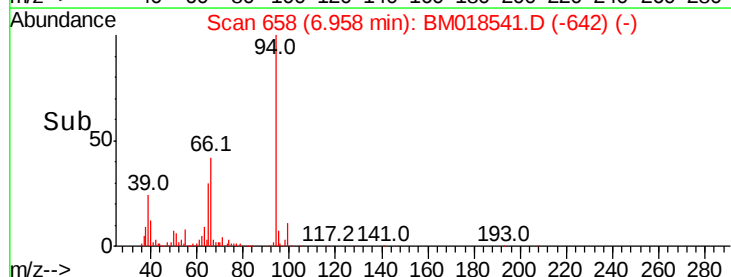
66 41.6 19.1 59.1

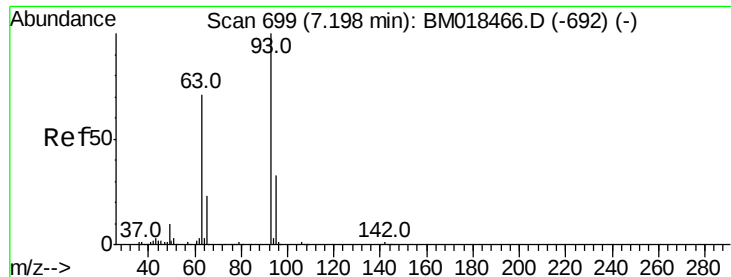


Abundance Ion 94.00 (93.70 to 94.70): BM018541.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018541.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018541.D (-642) (-)

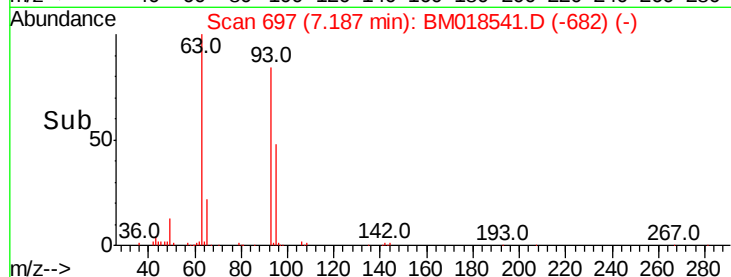
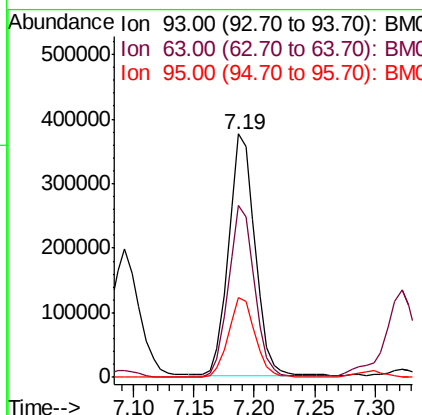
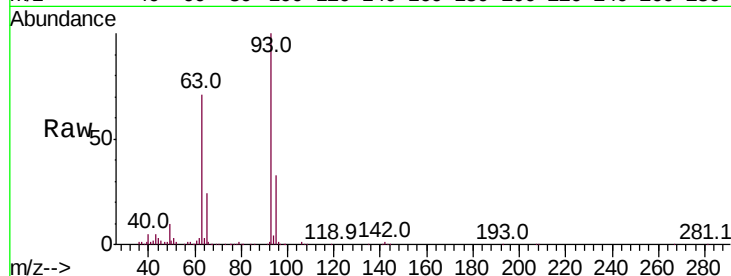




#11
bis(2-Chloroethyl)ether
Concen: 25.549 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

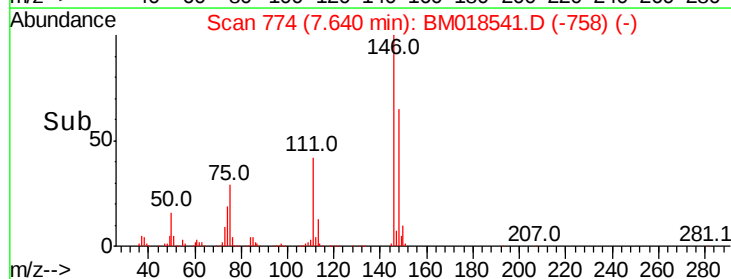
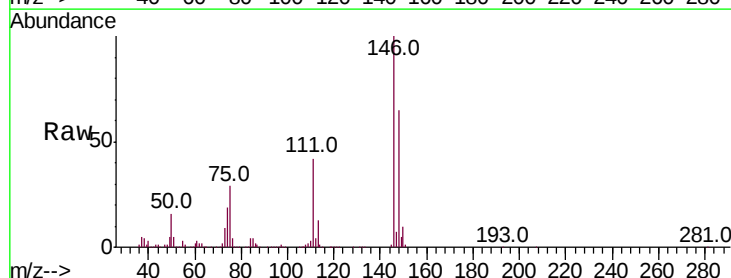
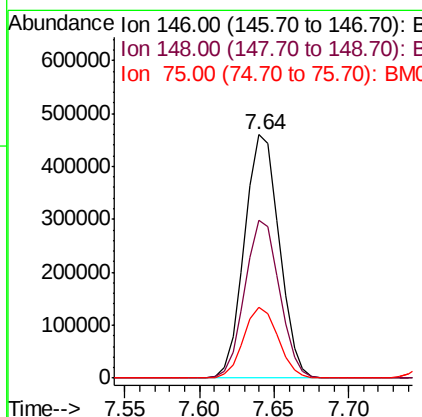
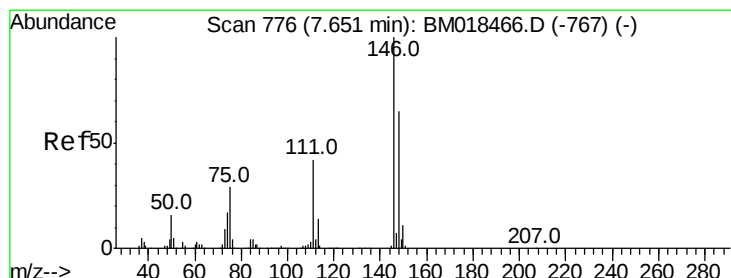
Instrument :
BNA_M
ClientSampleId :

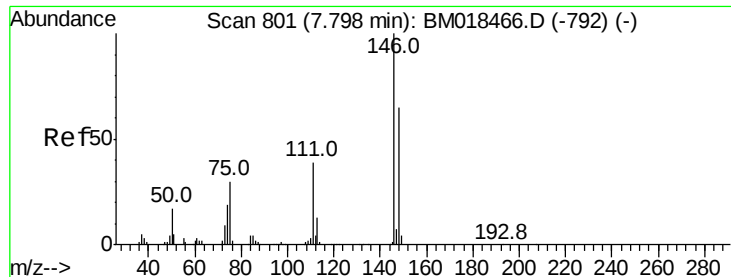
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	56.4	96.4
95	32.9	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 24.315 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.5	75.7
75	29.3	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 24.806 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

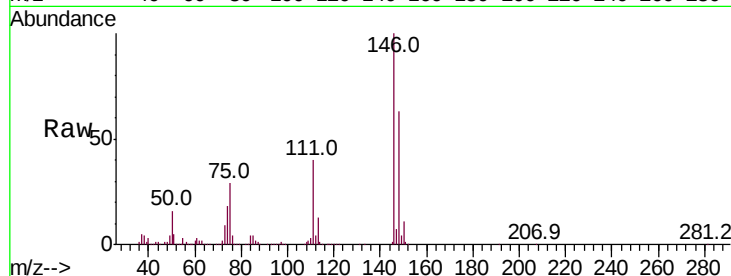
Tot Ion:146 Resp: 765815

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

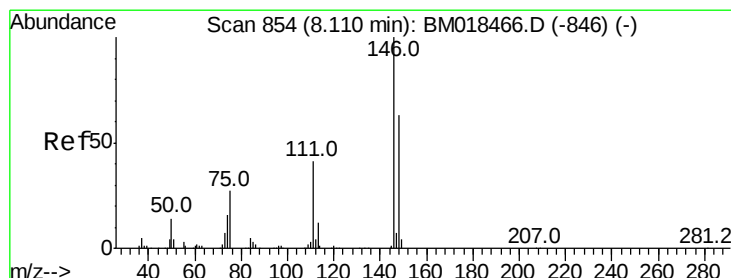
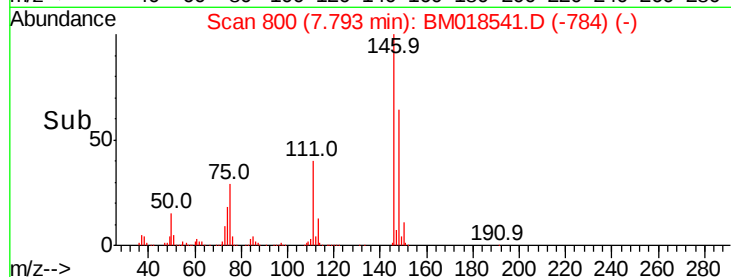
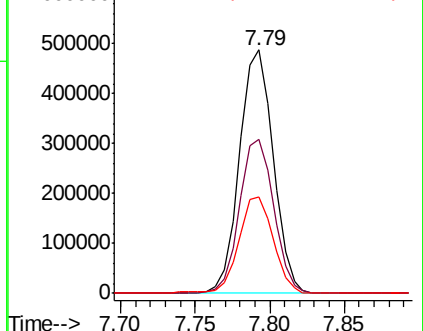
111 39.7 32.2 48.2



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: 25.252 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

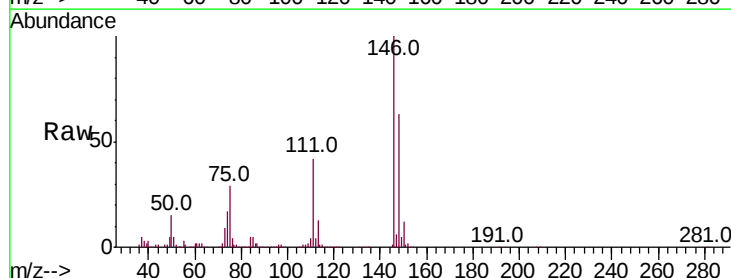
Tgt Ion:146 Resp: 739230

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

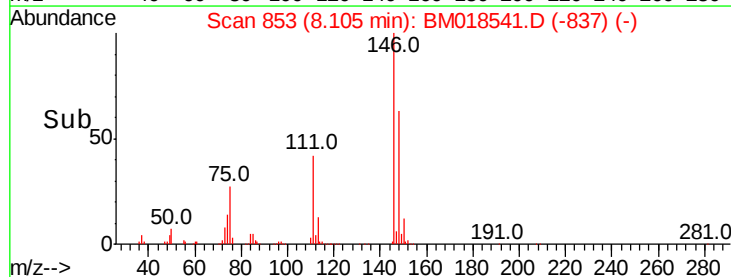
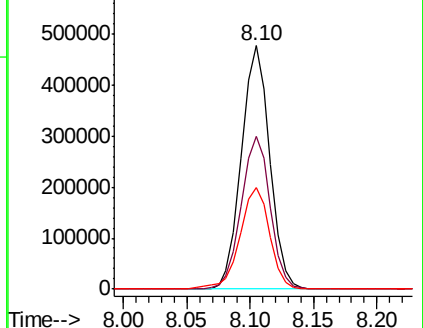
111 41.6 33.8 50.6



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: 29.402 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampled :

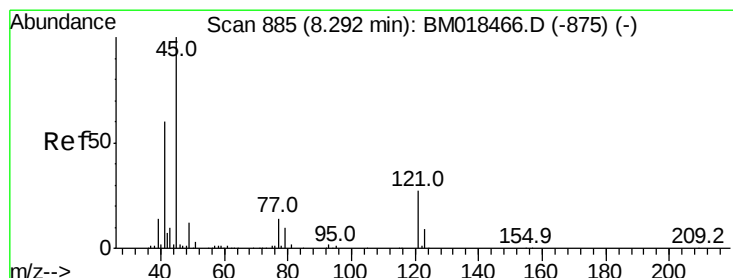
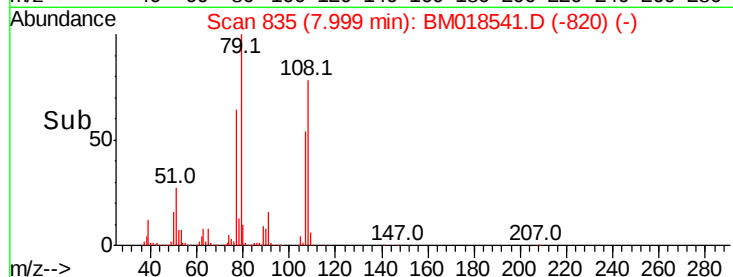
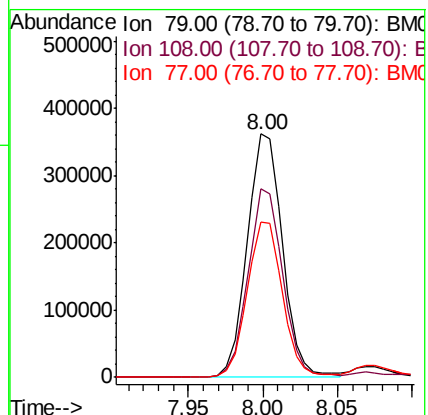
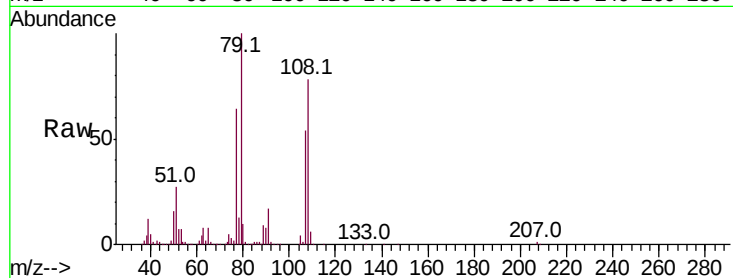
Tot Ion: 79 Resp: 590683

Ion Ratio Lower Upper

79 100

108 77.6 60.4 90.6

77 63.7 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.194 ng

RT: 8.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

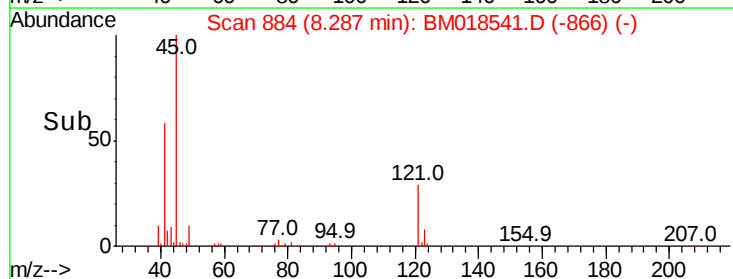
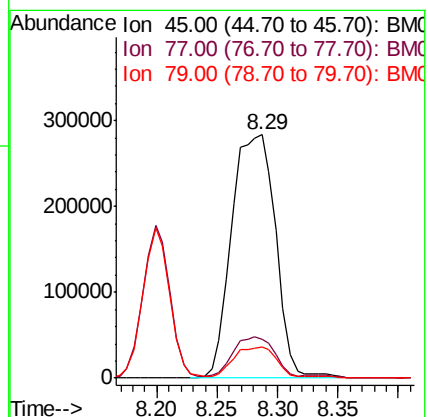
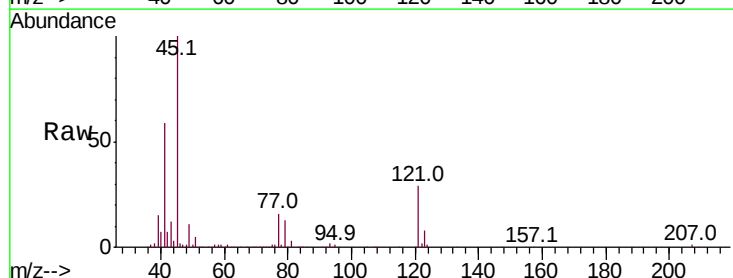
Tgt Ion: 45 Resp: 715075

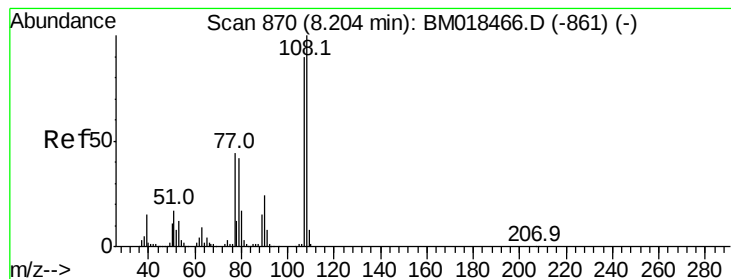
Ion Ratio Lower Upper

45 100

77 15.8 0.0 33.4

79 12.8 0.0 31.1

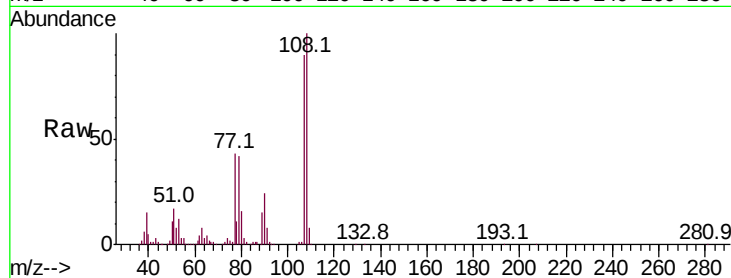




#17
2-Methylphenol
Concen: 30.220 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	579812
Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.5	131.3
77	47.3	37.3	55.9
79	46.4	36.4	54.6



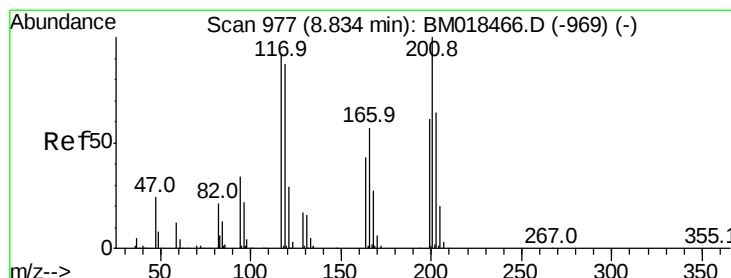
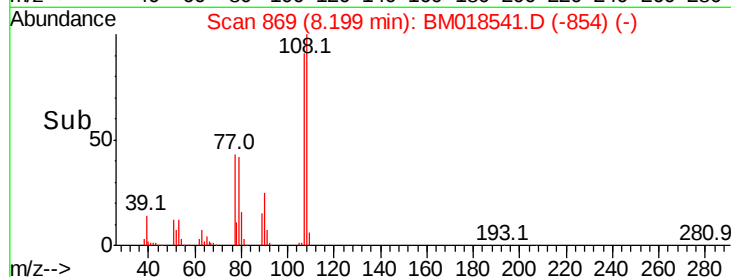
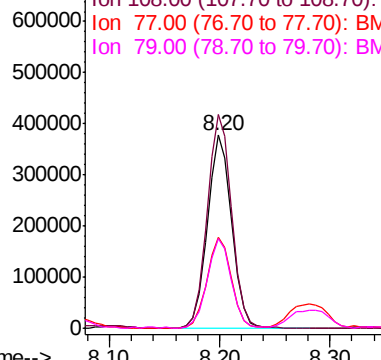
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

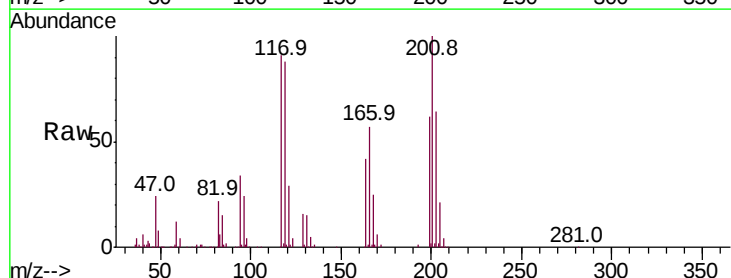
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 24.436 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:	117	Resp:	268990
Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.3	117.5
201	110.4	81.4	122.0

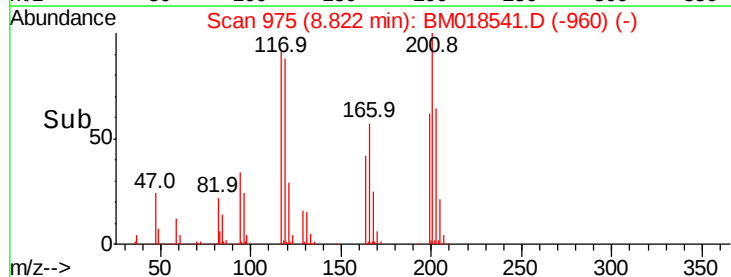
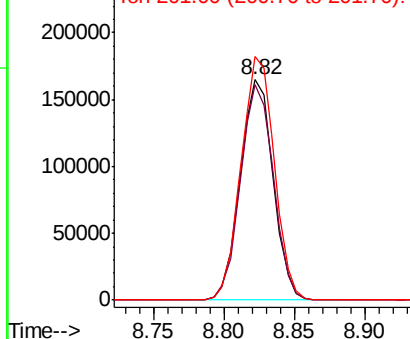


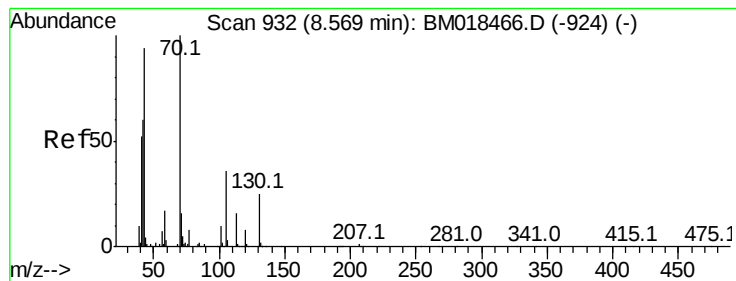
Abundance

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: 26.205 ng

RT: 8.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 474354

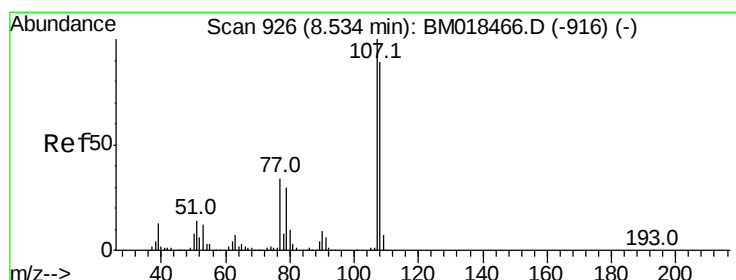
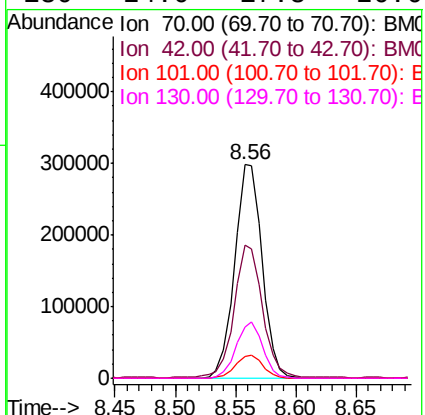
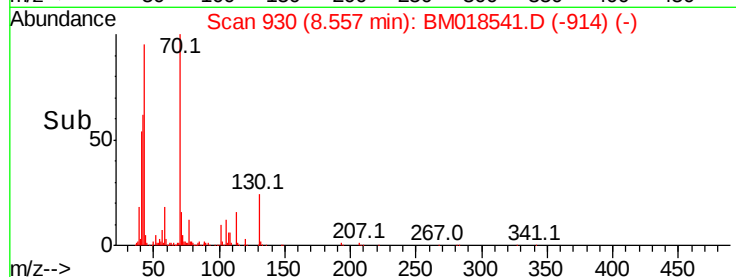
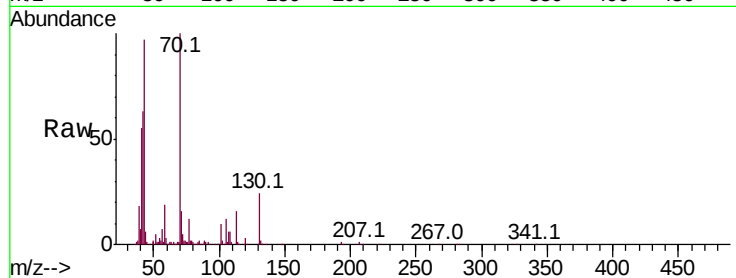
Ion Ratio Lower Upper

70 100

42 62.6 54.0 81.0

101 10.1 8.1 12.1

130 24.0 17.8 26.6



#20

3+4-Methylphenols

Concen: 30.175 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Tgt Ion:107 Resp: 799205

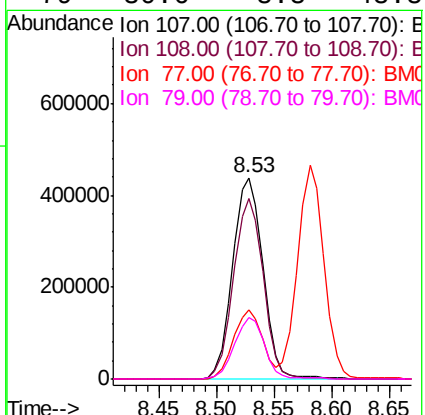
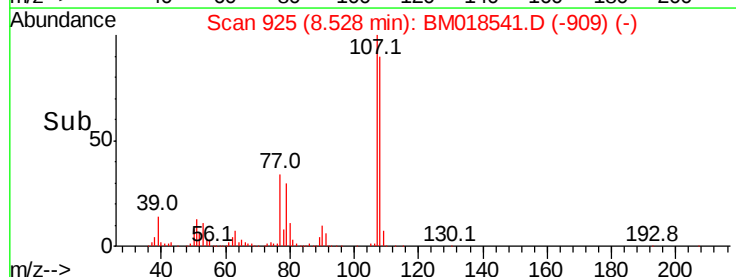
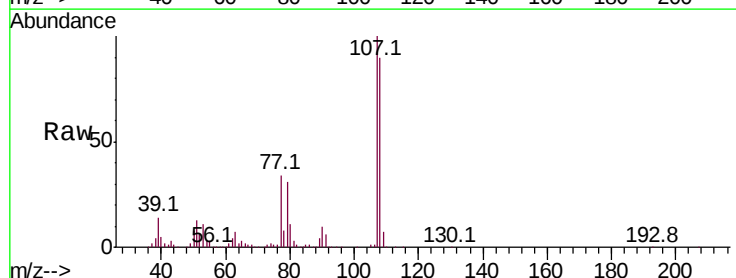
Ion Ratio Lower Upper

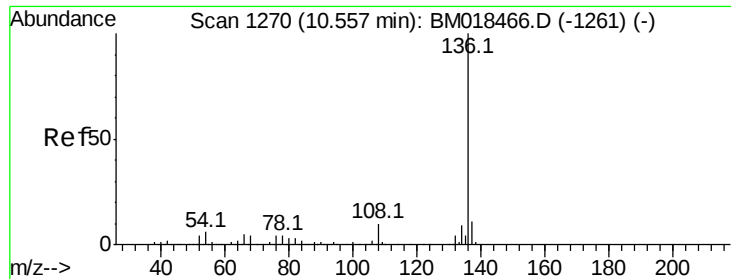
107 100

108 89.8 66.8 106.8

77 34.4 13.3 53.3

79 30.6 8.8 48.8



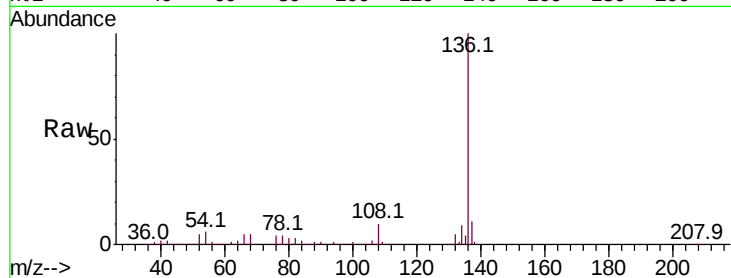


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1740229

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.5	6.0	9.0
68	4.6	4.5	6.7



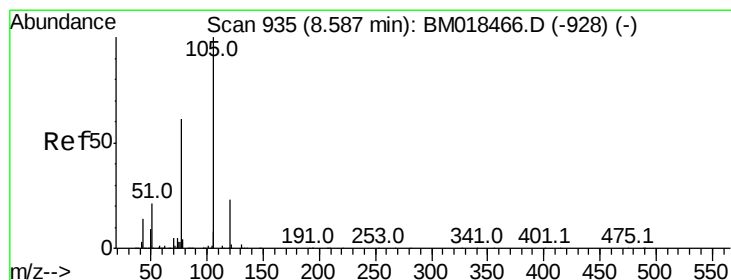
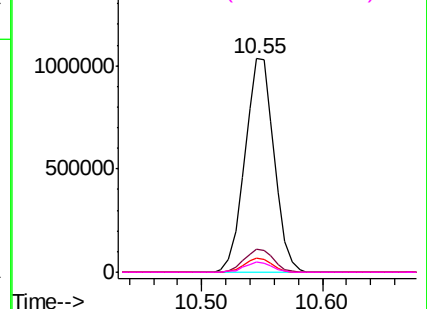
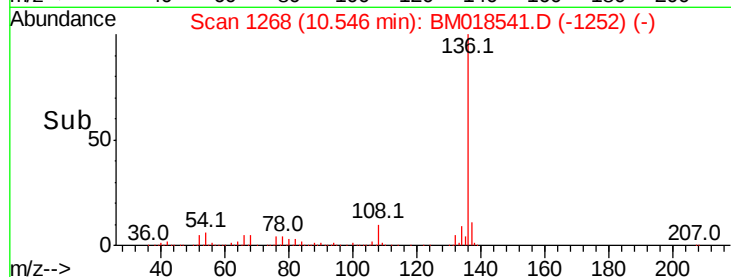
Abundance

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

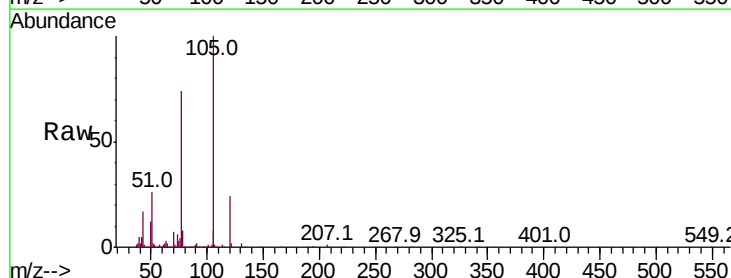
Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 23.045 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:105 Resp: 992045

Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.7	2.5#
51	25.7	22.6	34.0
120	23.5	18.3	27.5



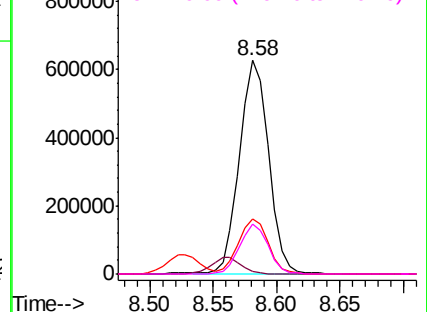
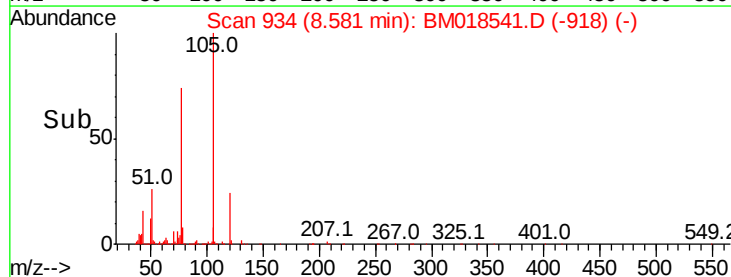
Abundance

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

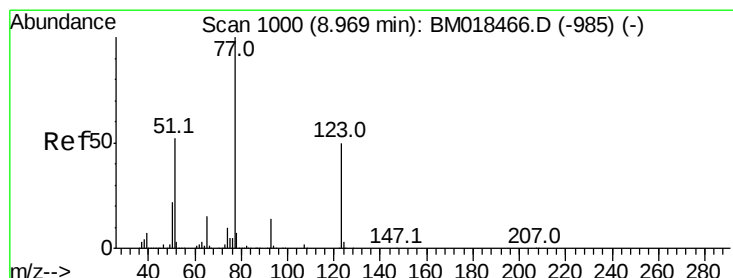
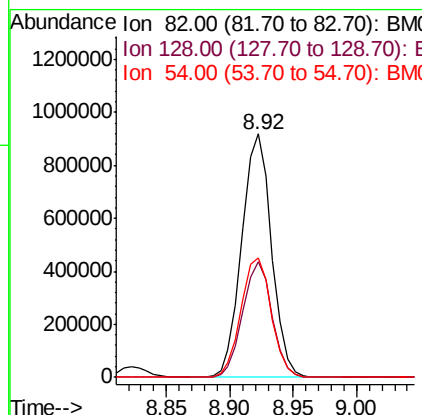
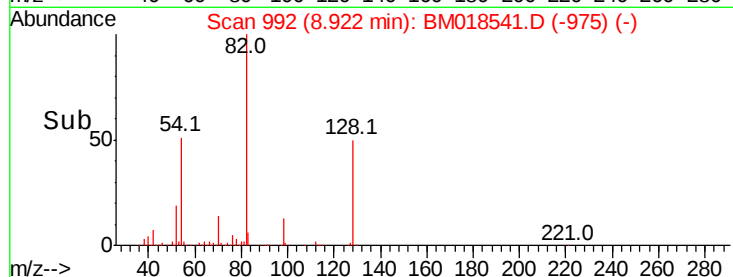
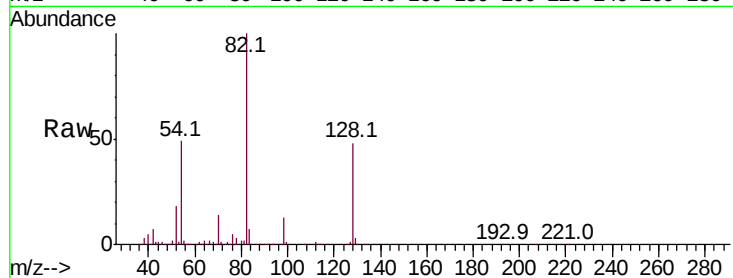




#23
Nitrobenzene-d5
Concen: 49.929 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

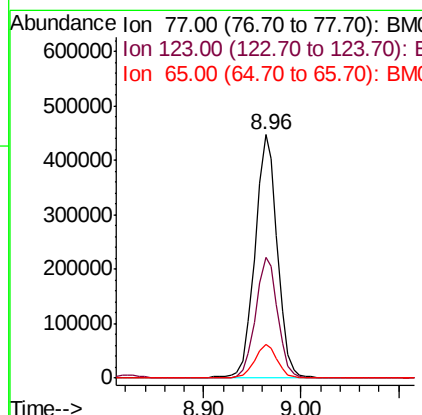
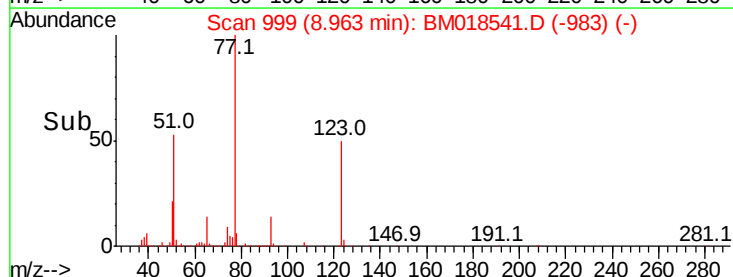
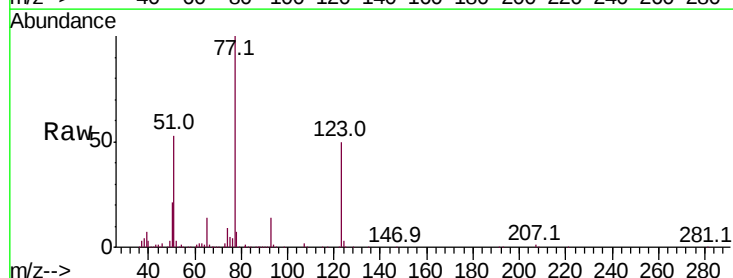
Instrument :
BNA_M
ClientSampleId :

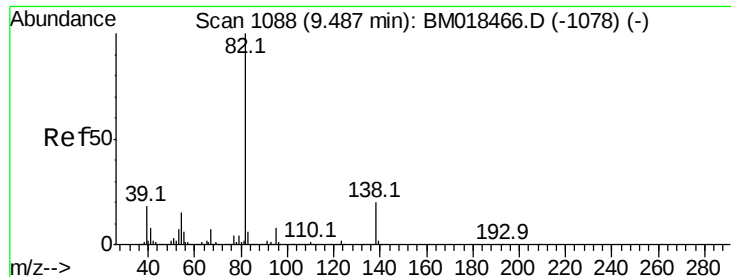
Tot Ion: 82 Resp: 1498803
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 49.2 41.7 62.5



#24
Nitrobenzene
Concen: 24.258 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion: 77 Resp: 716508
Ion Ratio Lower Upper
77 100
123 49.8 37.7 56.5
65 13.7 11.0 16.6





#25

Isophorone

Concen: 28.984 ng

RT: 9.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

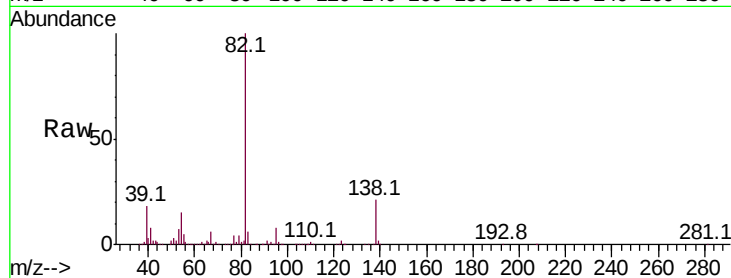
Tot Ion: 82 Resp: 1317523

Ion Ratio Lower Upper

82 100

95 8.4 6.1 9.1

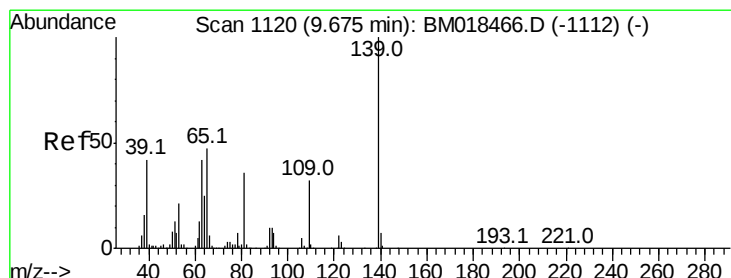
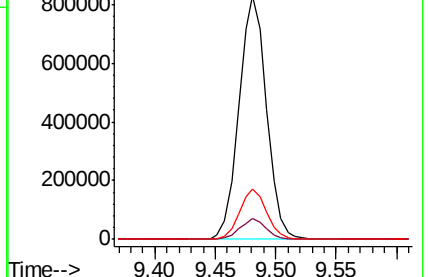
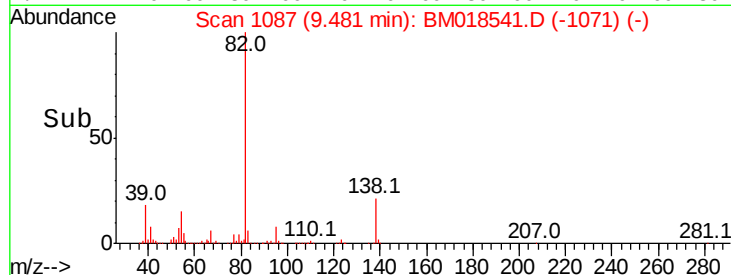
138 20.6 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018541.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018541.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018541.D (-1071) (-)



#26

2-Nitrophenol

Concen: 27.694 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

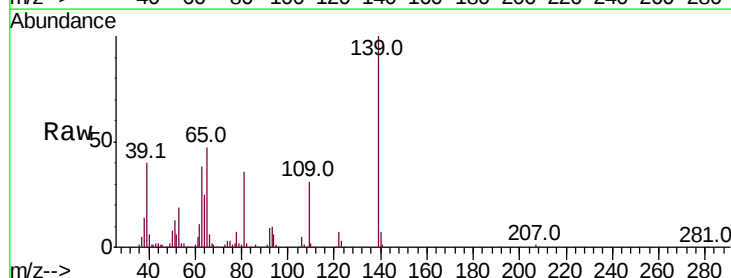
Tgt Ion: 139 Resp: 395522

Ion Ratio Lower Upper

139 100

109 31.4 23.4 35.2

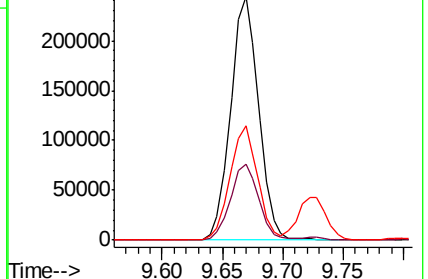
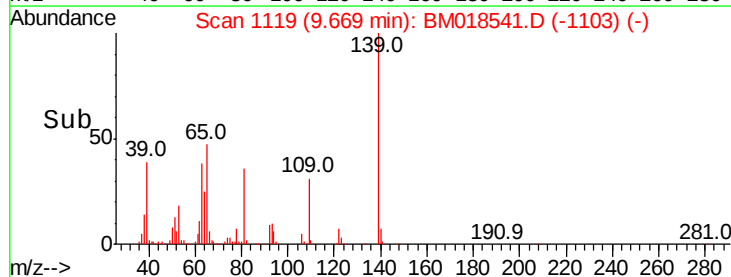
65 47.2 39.4 59.2

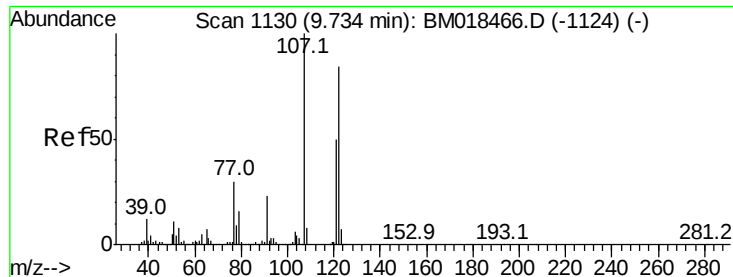


Abundance Ion 139.00 (138.70 to 139.70): BM018541.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM018541.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM018541.D (-1103) (-)





#27

2,4-Dimethylphenol

Concen: 31.100 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

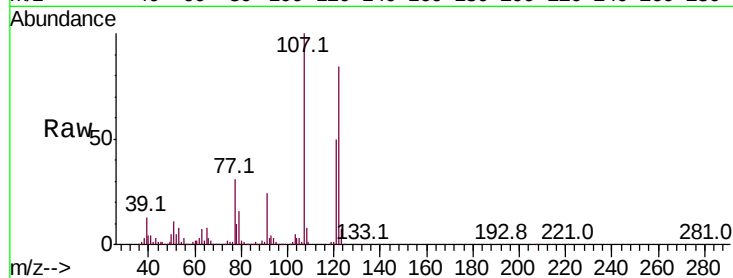
Tot Ion:122 Resp: 665751

Ion Ratio Lower Upper

122 100

107 118.5 91.9 137.9

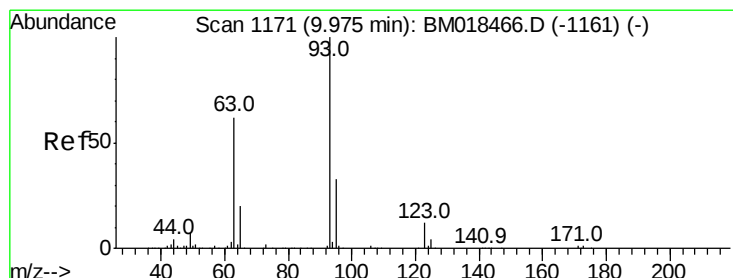
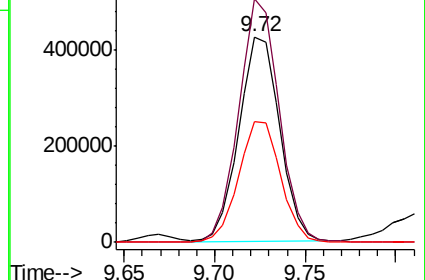
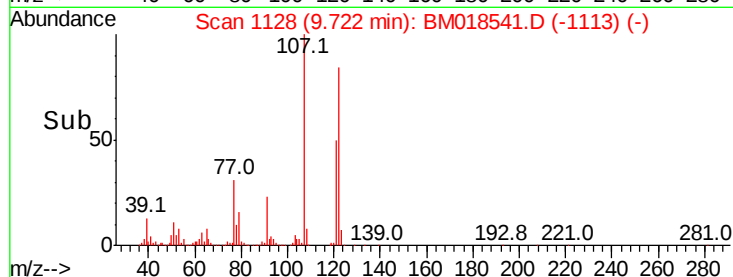
121 58.7 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 25.395 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

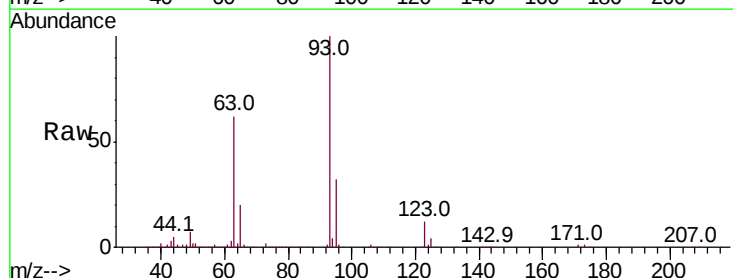
Tgt Ion: 93 Resp: 797481

Ion Ratio Lower Upper

93 100

95 31.9 26.6 39.8

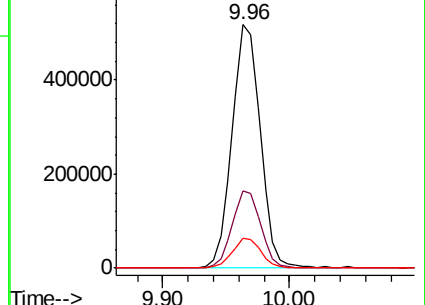
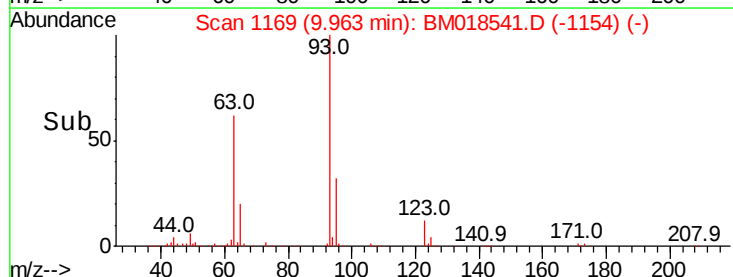
123 12.1 9.9 14.9

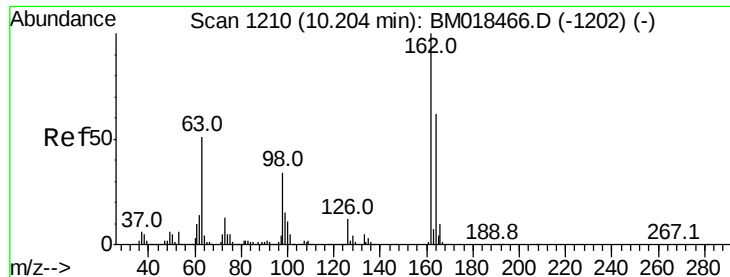


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

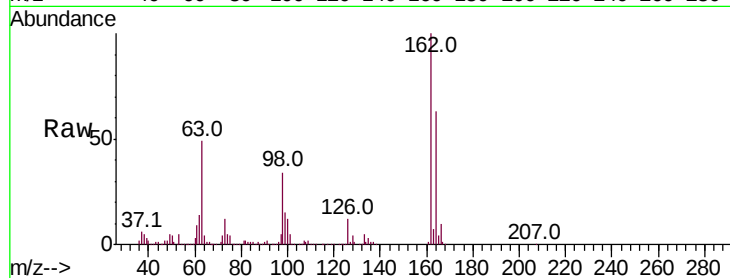




#29
2,4-Dichlorophenol
Concen: 28.634 ng
RT: 10.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.6	85.6
98	33.6	14.7	54.7

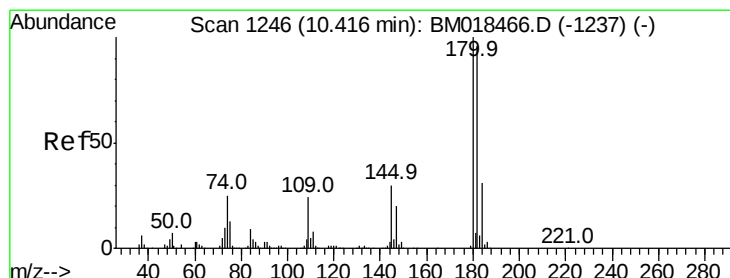
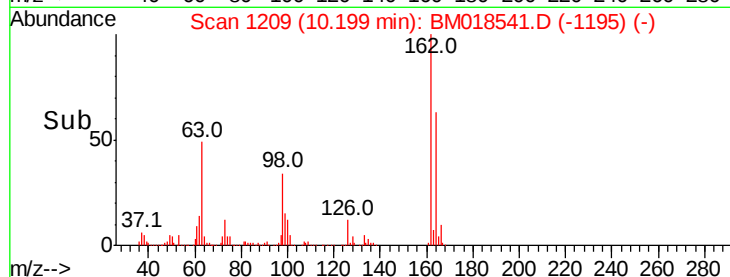
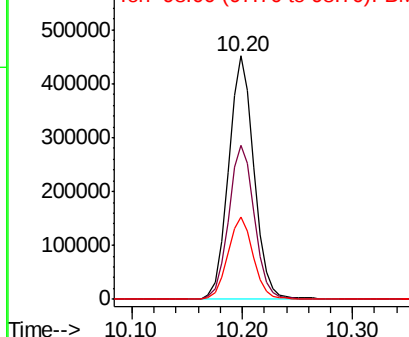


Abundance

Ion 162.00 (161.70 to 162.70): E

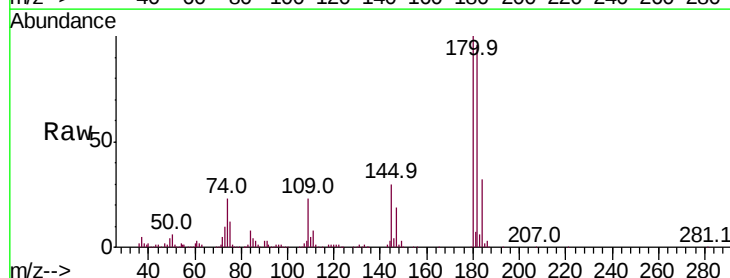
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 23.872 ng
RT: 10.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.4	116.2
145	30.5	24.6	37.0

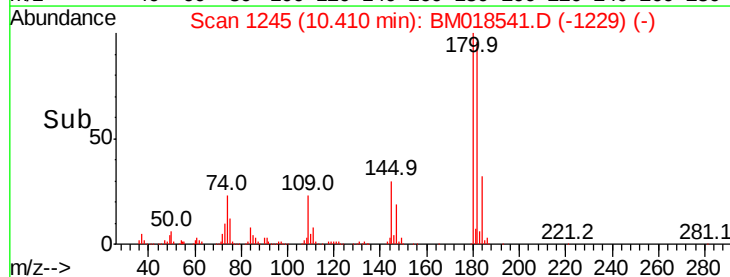
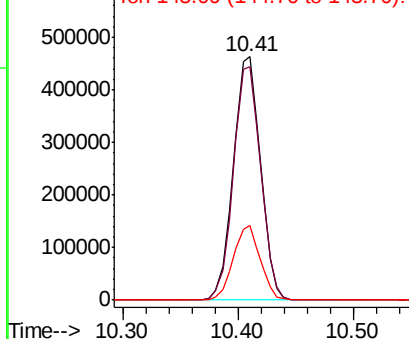


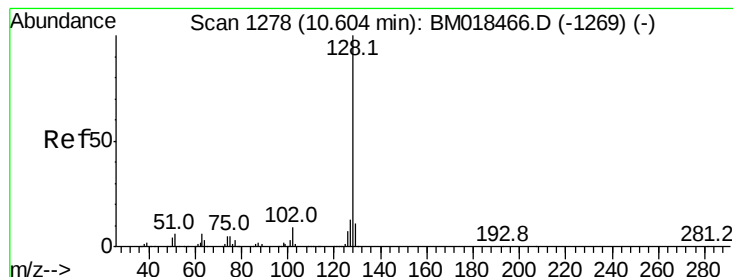
Abundance

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: 26.264 ng

RT: 10.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

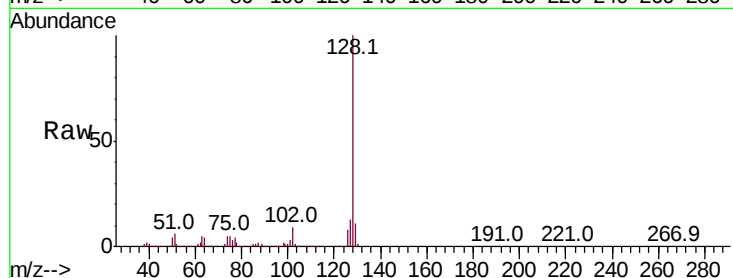
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 2201157

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.2	10.8	16.2

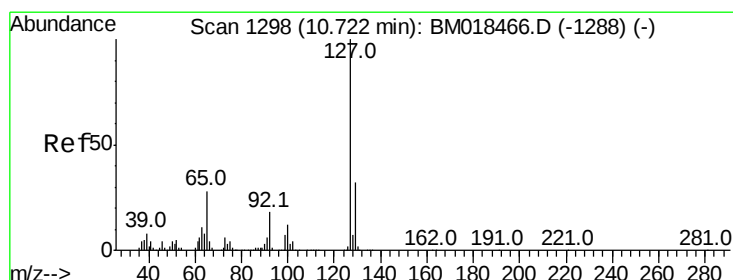
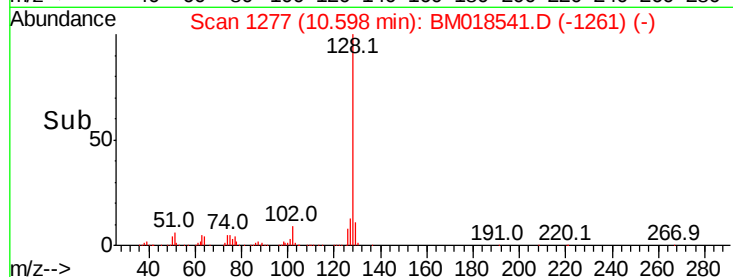
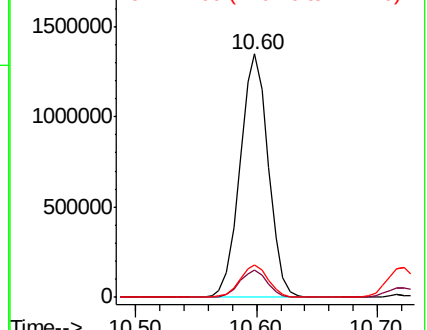


Abundance

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



#33

4-Chloroaniline

Concen: 9.079 ng

RT: 10.72 min Scan# 1298

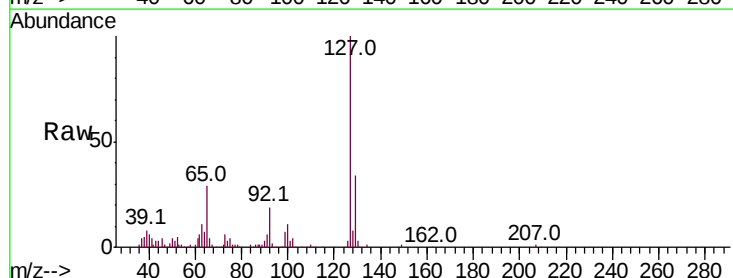
Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Tgt Ion:127 Resp: 299662

Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.9	38.9
65	28.6	23.4	35.2
92	19.2	14.5	21.7



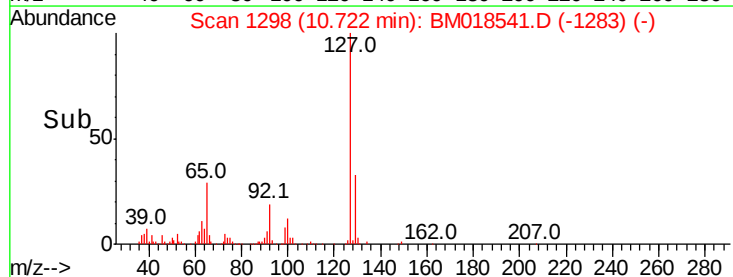
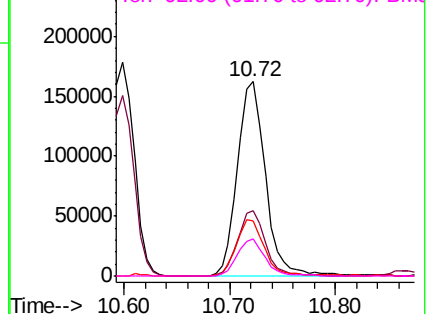
Abundance

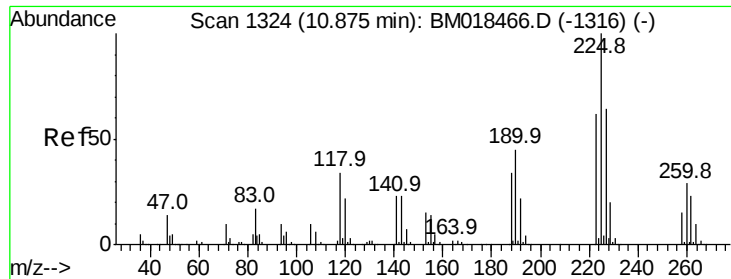
Ion 127.00 (126.70 to 127.70): E

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

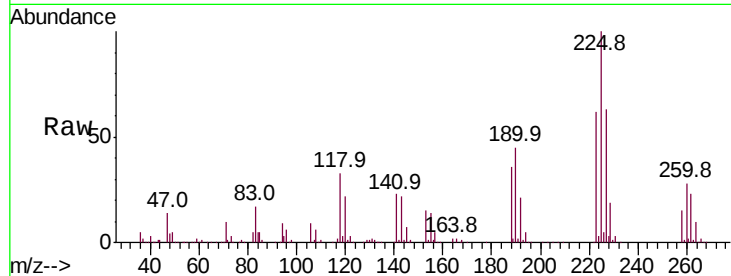




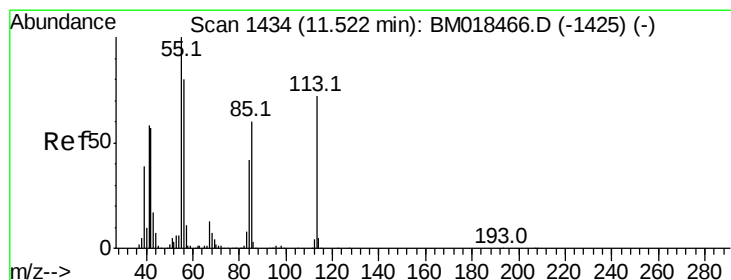
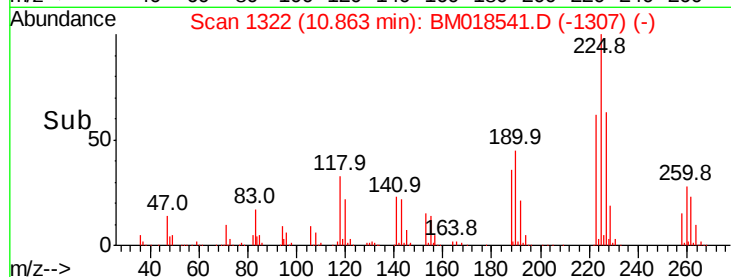
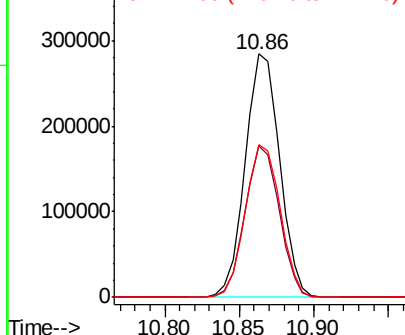
#34
Hexachlorobutadiene
Concen: 22.681 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:225 Resp: 453357
Ion Ratio Lower Upper
225 100
223 62.4 50.8 76.2
227 62.7 50.4 75.6

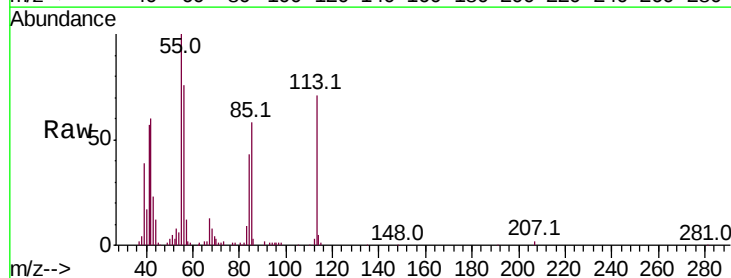


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

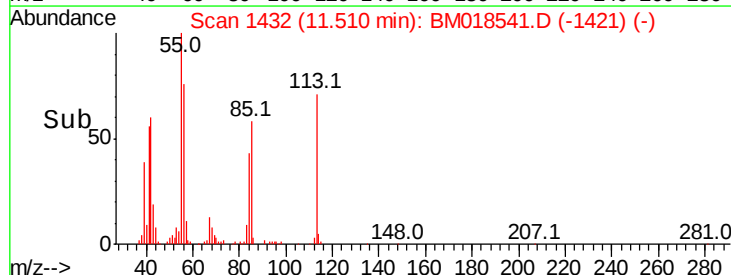
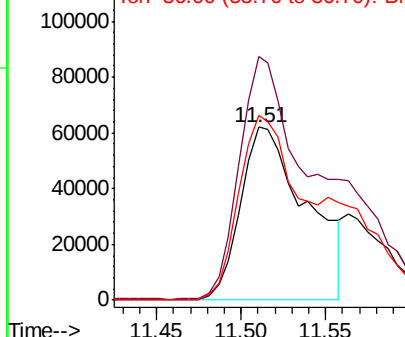


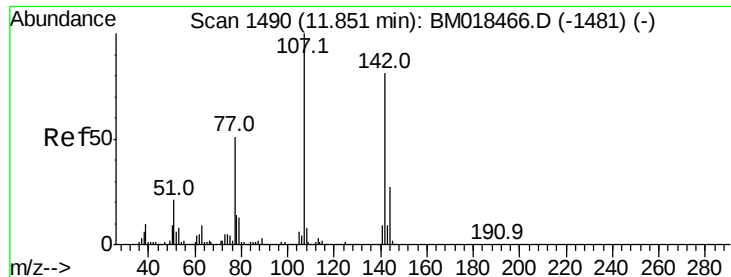
#35
Caprolactam
Concen: 19.527 ng
RT: 11.51 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:113 Resp: 169229
Ion Ratio Lower Upper
113 100
55 141.0 139.3 179.3
56 107.1 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

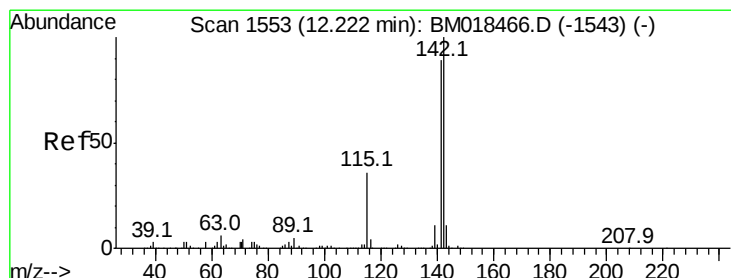
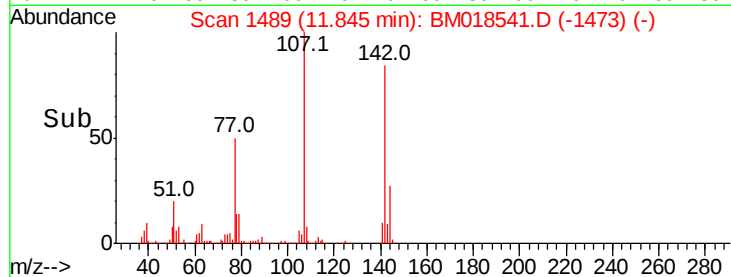
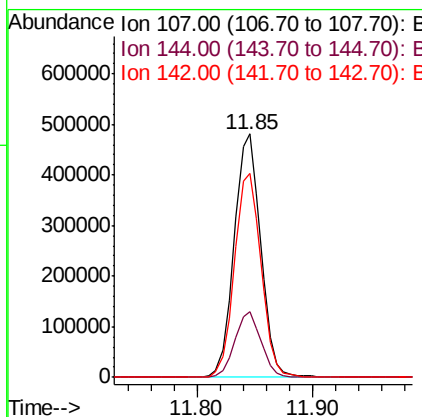
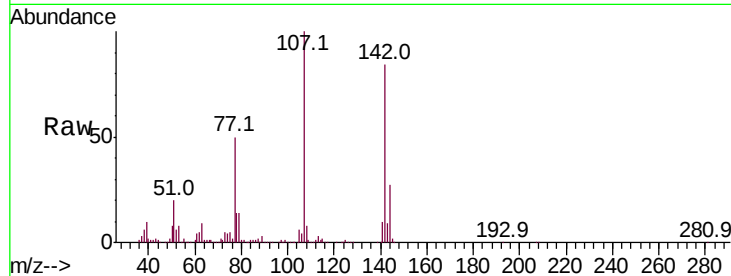




#36
 4-Chloro-3-methylphenol
 Concen: 28.688 ng
 RT: 11.85 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

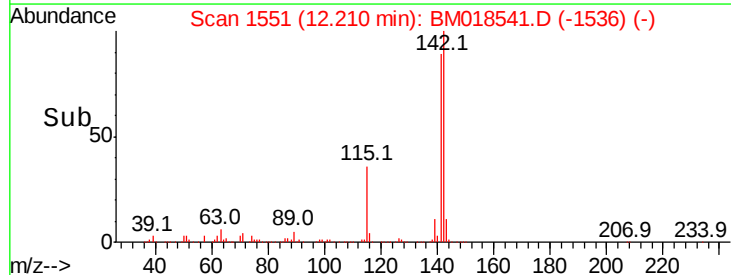
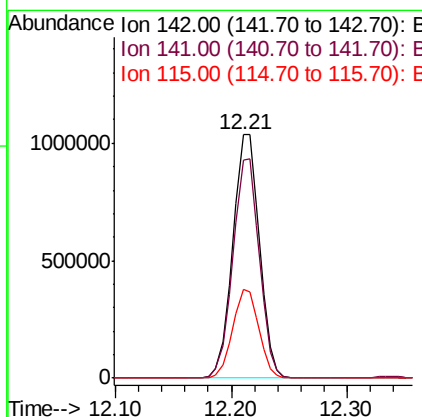
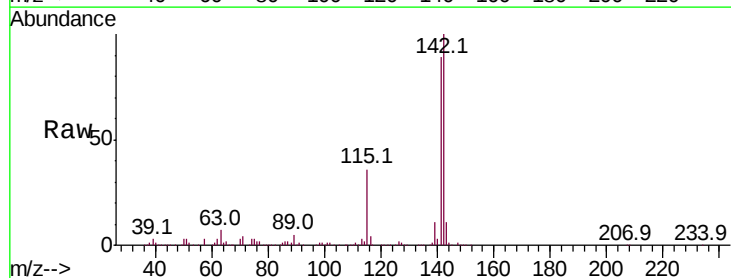
Instrument :
 BNA_M
 ClientSampleId :

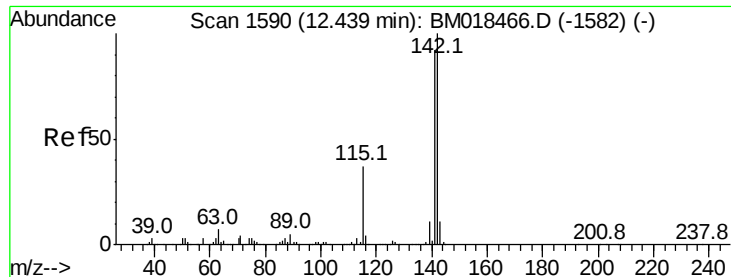
Tot Ion:107 Resp: 767212
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.9 32.9
 142 83.9 67.9 101.9



#37
 2-Methylnaphthalene
 Concen: 27.946 ng
 RT: 12.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Tgt Ion:142 Resp: 1654813
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.4 107.2
 115 36.4 28.0 42.0

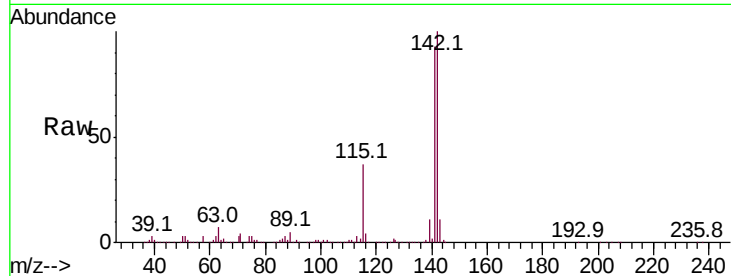




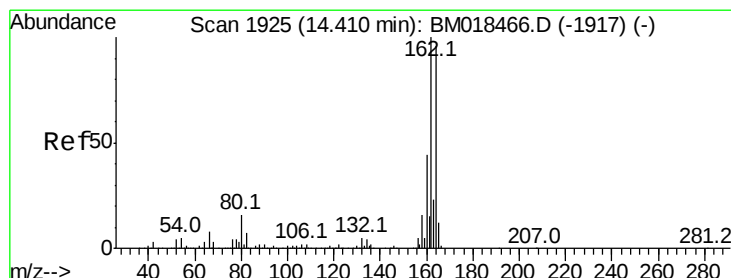
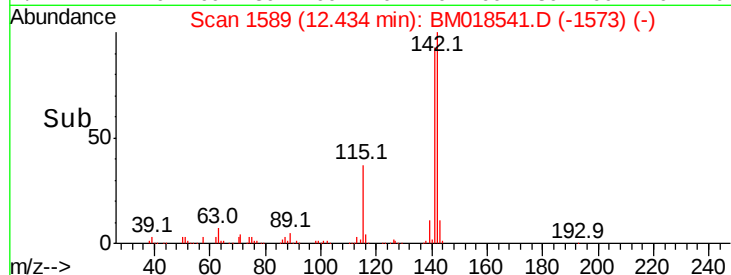
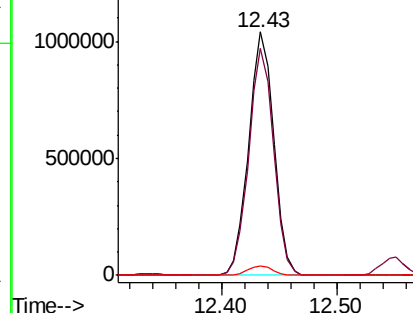
#38
1-Methylnaphthalene
Concen: 27.412 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Instrument :
BNA_M
ClientSampled :

Tot Ion:142 Resp: 1570577
Ion Ratio Lower Upper
142 100
141 93.3 75.6 113.4
116 3.8 3.0 4.6

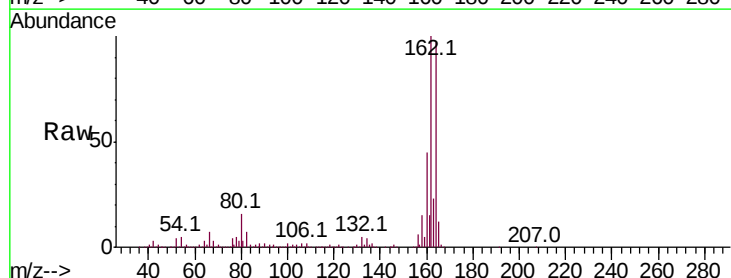


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

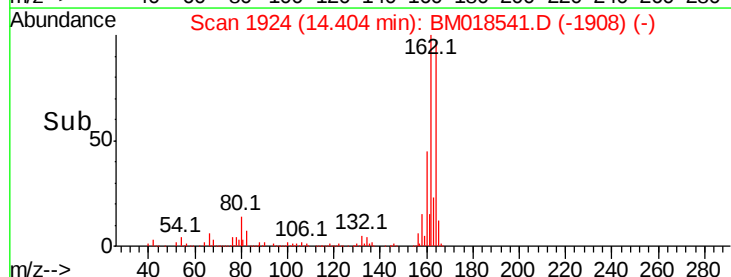
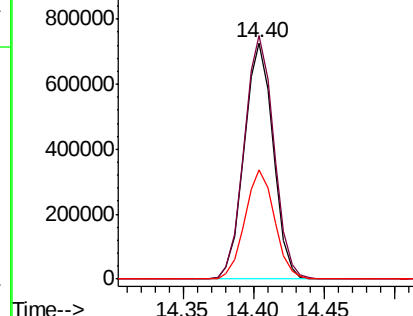


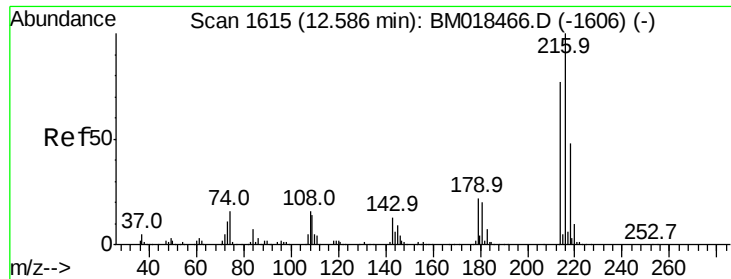
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:164 Resp: 1044919
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.4
160 46.2 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

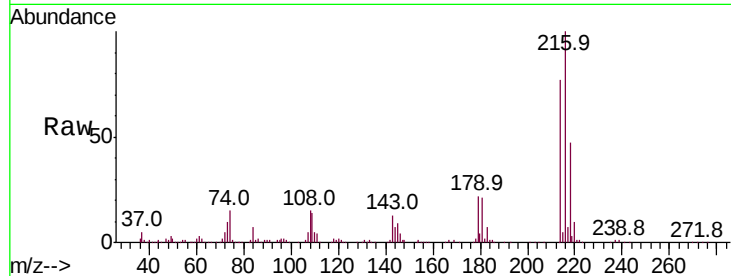




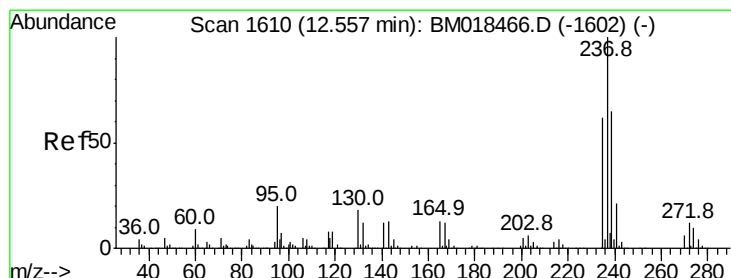
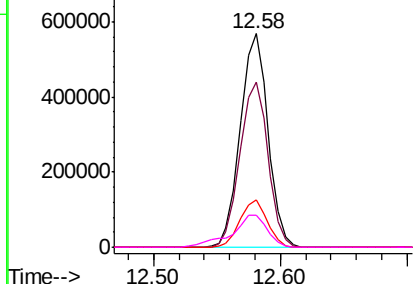
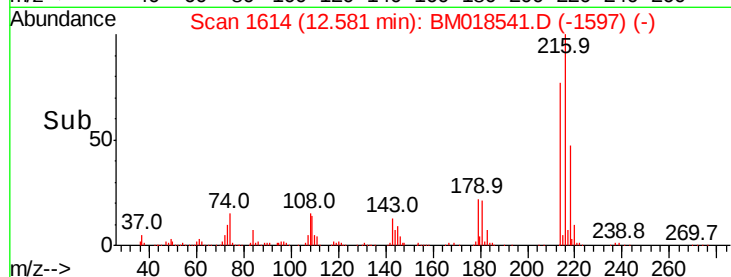
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.547 ng
 RT: 12.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	860426
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.0
179	21.7	17.9	26.9
108	19.1	15.8	23.6

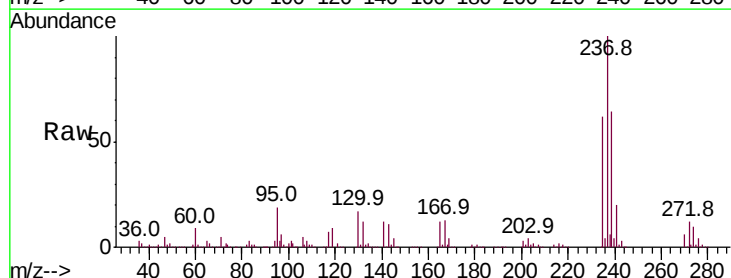


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

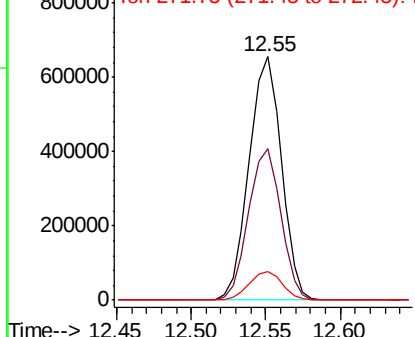
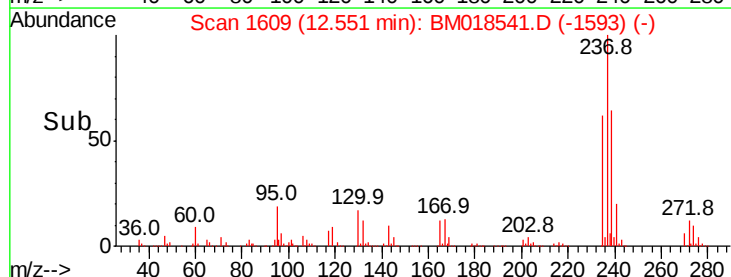


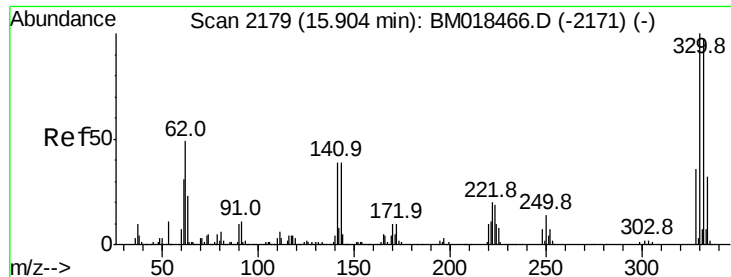
#41
 Hexachlorocyclopentadiene
 Concen: 48.881 ng
 RT: 12.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Tgt Ion:	237	Resp:	980270
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.8	82.8
272	12.0	0.0	31.9



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

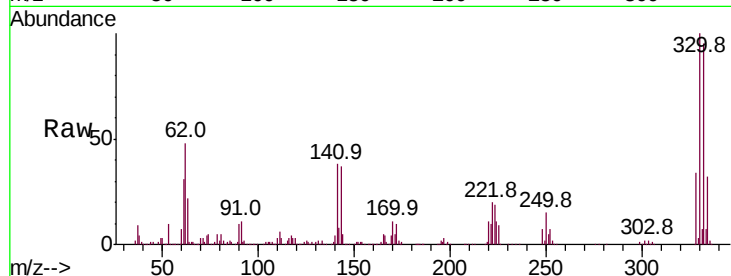




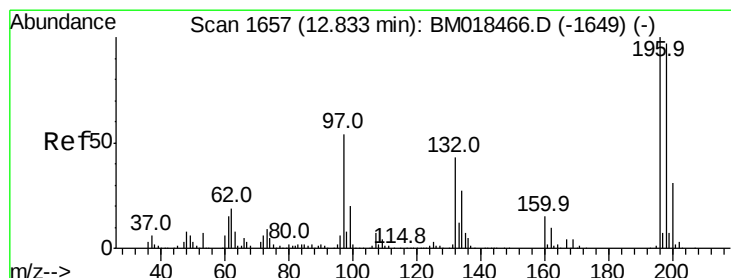
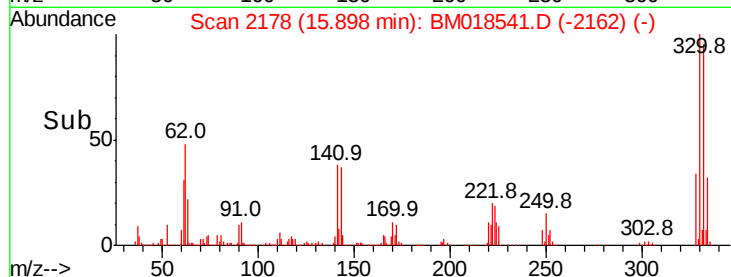
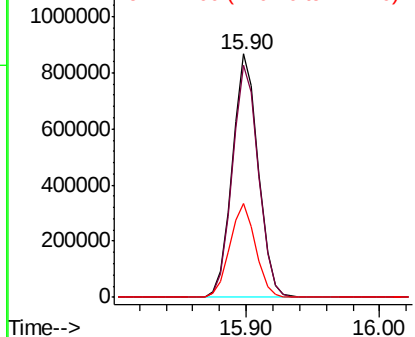
#42
 2,4,6-Tribromophenol
 Concen: 88.265 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1174341
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.6 116.4
 141 38.5 31.7 47.5

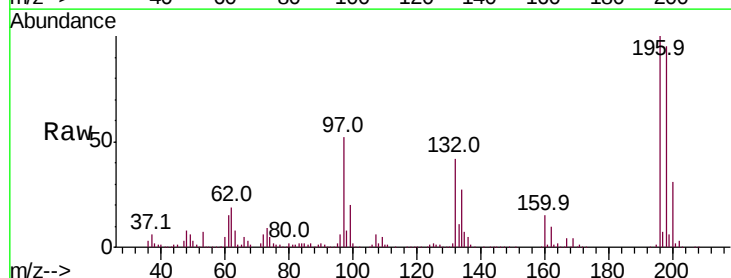


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

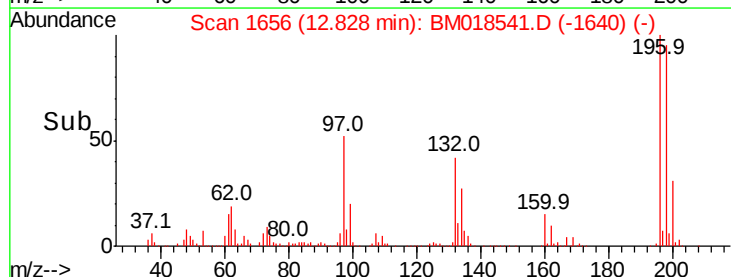
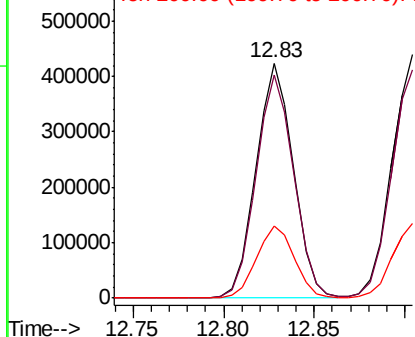


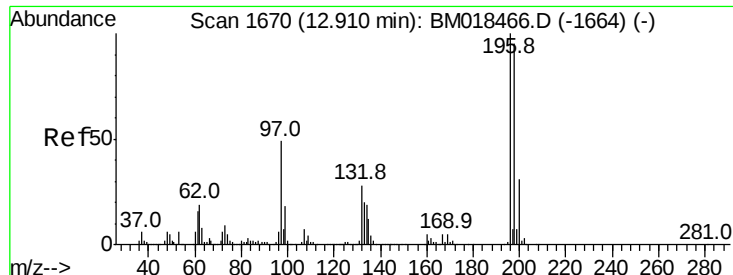
#43
 2,4,6-Trichlorophenol
 Concen: 27.410 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Tgt Ion:196 Resp: 608204
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 115.0
 200 30.6 24.2 36.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

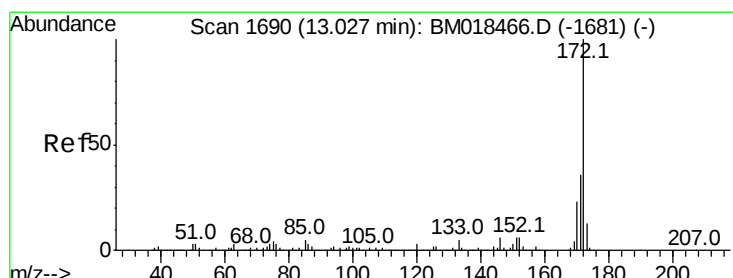
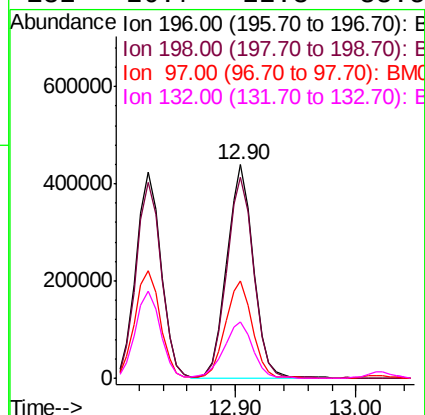
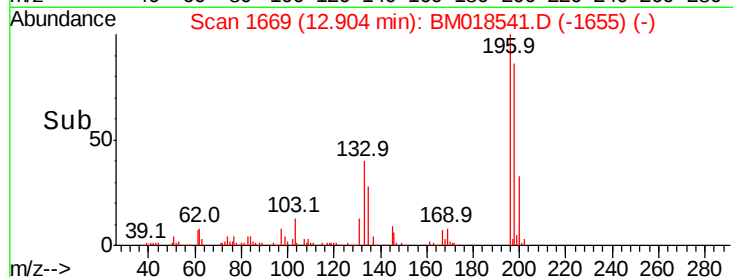
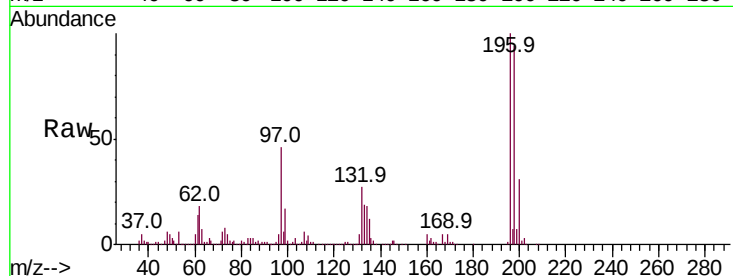




#44
2,4,5-Trichlorophenol
Concen: 28.474 ng
RT: 12.90 min Scan# 1669
Delta R.T. -0.02 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

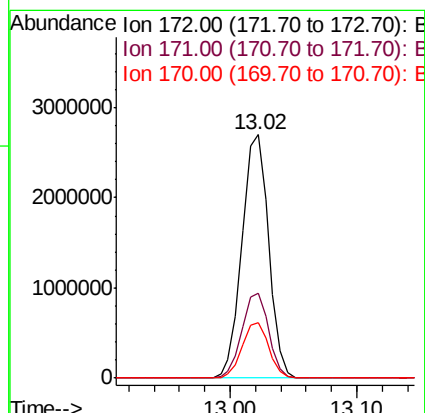
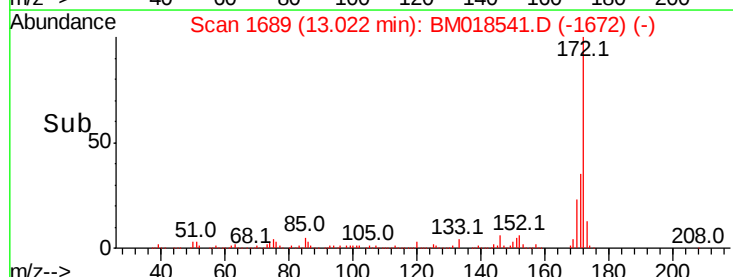
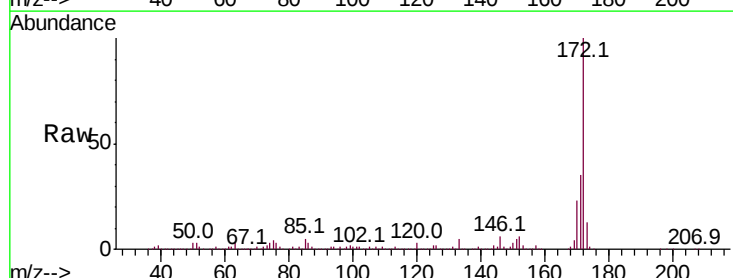
Instrument :
BNA_M
ClientSampleId :

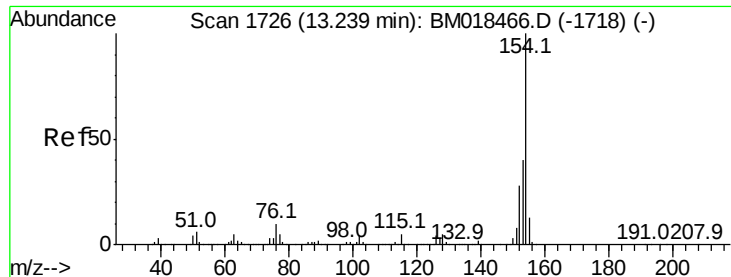
Tot Ion:196 Resp: 664495
Ion Ratio Lower Upper
196 100
198 93.9 76.7 115.1
97 45.8 39.2 58.8
132 26.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 49.122 ng
RT: 13.02 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:172 Resp: 3933636
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 22.7 18.9 28.3



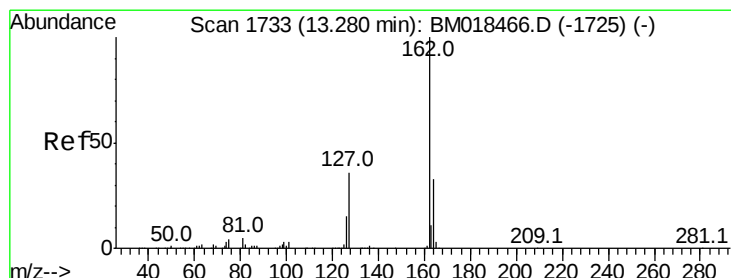
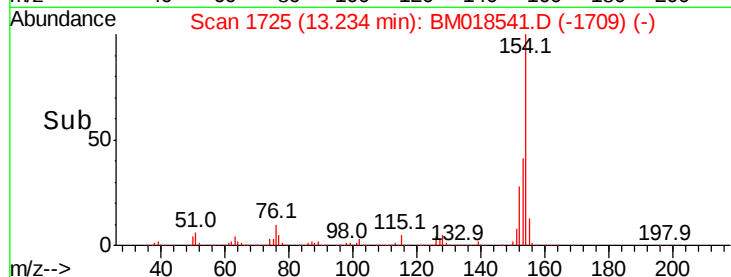
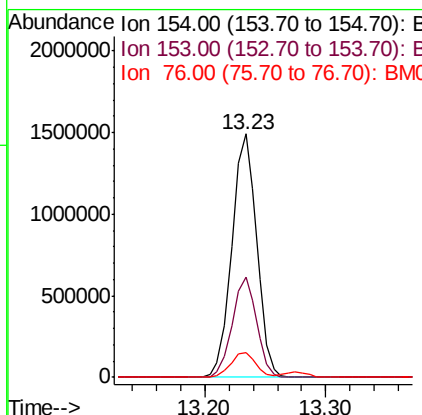
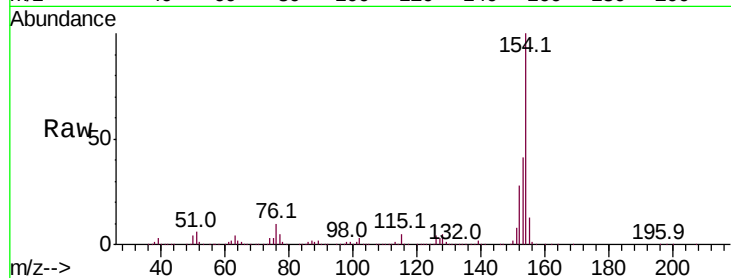


#46
 1,1'-Biphenyl
 Concen: 23.346 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:154 Resp: 2130058

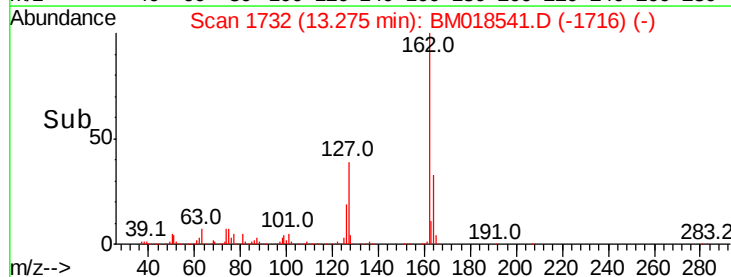
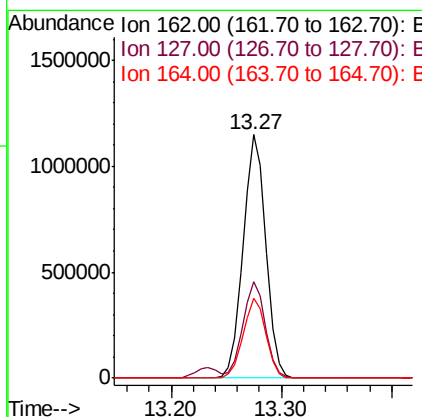
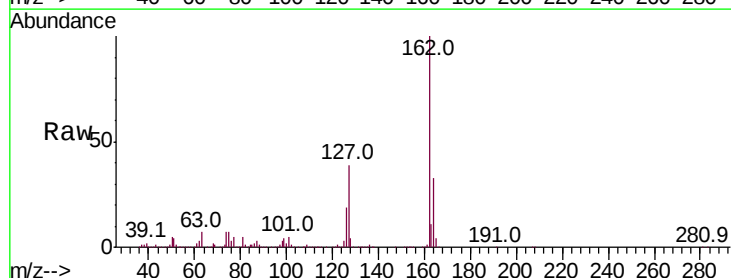
Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.5	60.5
76	10.2	0.0	31.9

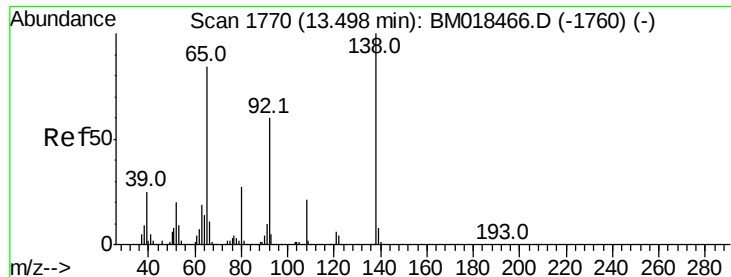


#47
 2-Chloronaphthalene
 Concen: 23.432 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Tgt Ion:162 Resp: 1657859

Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.4	47.0
164	32.5	26.2	39.4

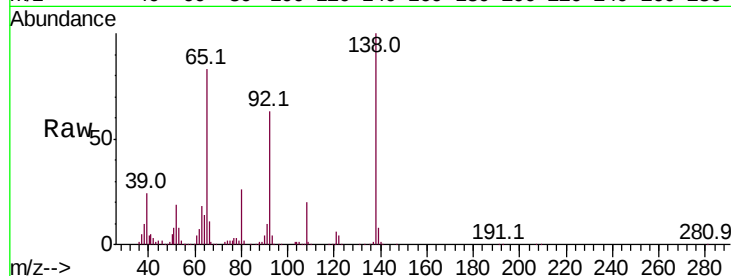




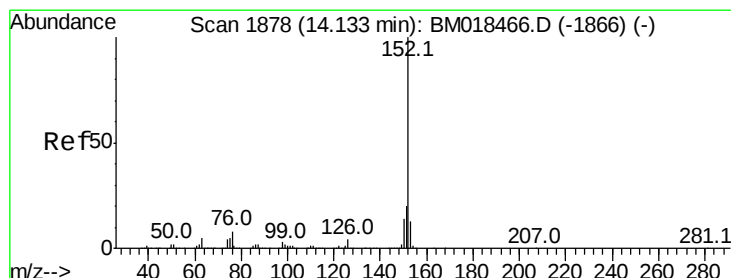
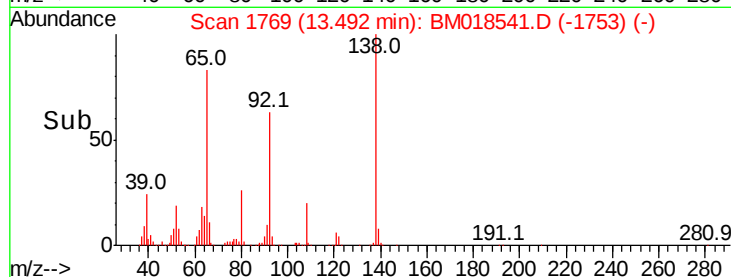
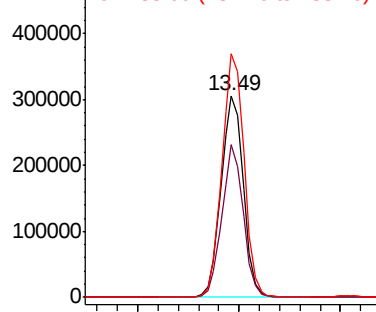
#48
2-Nitroaniline
Concen: 26.777 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Instrument :
BNA_M
ClientSampled :

Tot Ion: 65 Resp: 466093
Ion Ratio Lower Upper
65 100
92 75.5 53.4 80.2
138 120.6 88.9 133.3

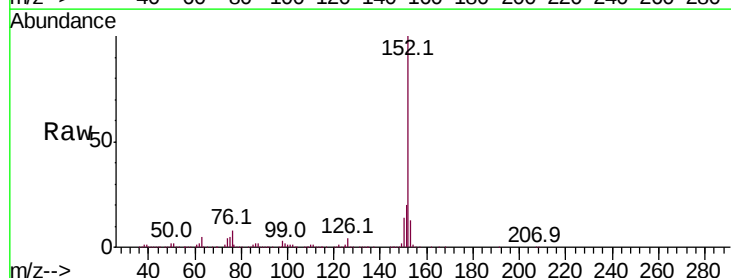


Abundance Ion 65.00 (64.70 to 65.70): BM018466.D (-1760) (-)
Ion 92.00 (91.70 to 92.70): BM018466.D (-1760) (-)
Ion 138.00 (137.70 to 138.70): BM018466.D (-1760) (-)

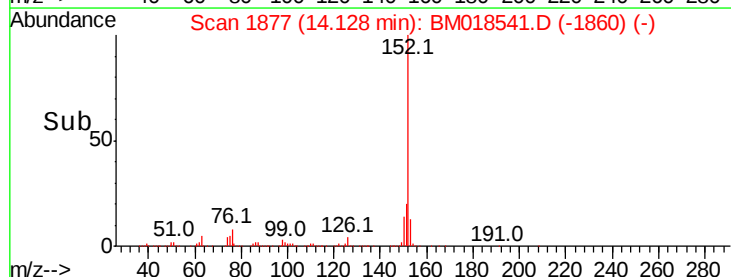
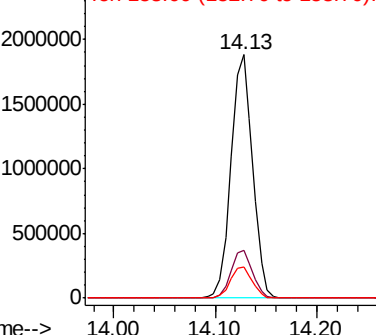


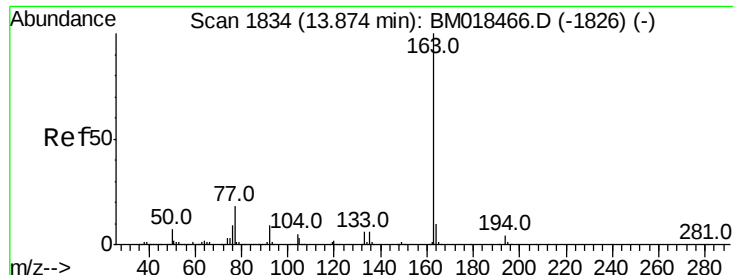
#49
Acenaphthylene
Concen: 26.850 ng
RT: 14.13 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion: 152 Resp: 2768442
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): BM018466.D (-1866) (-)
Ion 151.00 (150.70 to 151.70): BM018466.D (-1866) (-)
Ion 153.00 (152.70 to 153.70): BM018466.D (-1866) (-)

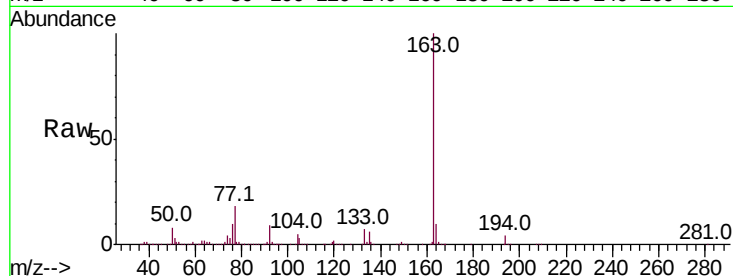




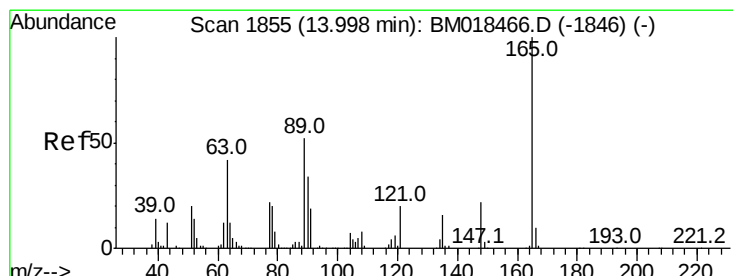
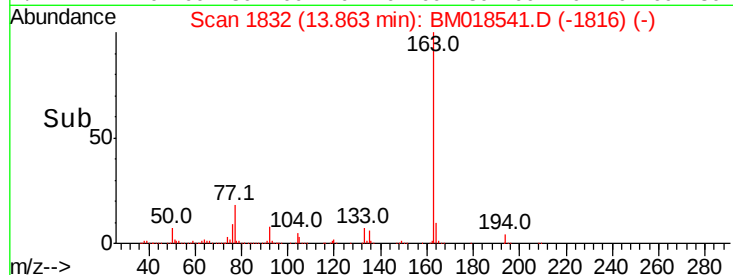
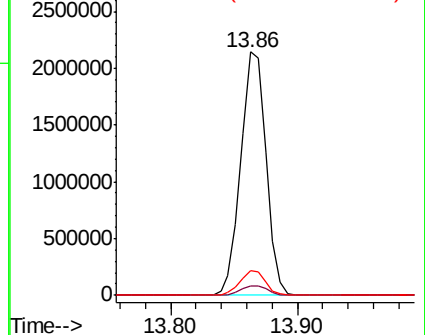
#50
Dimethylphthalate
Concen: 34.404 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Instrument :
BNA_M
ClientSampled :

Tot Ion:163 Resp: 2952448
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 7.8 11.8

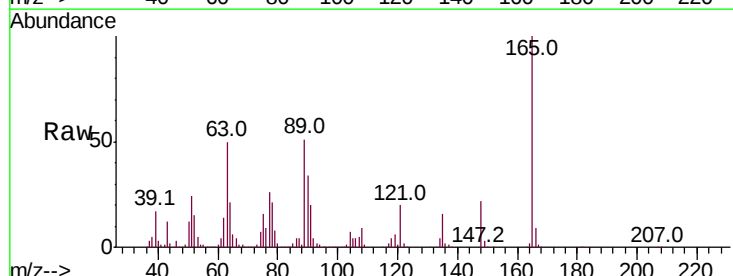


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

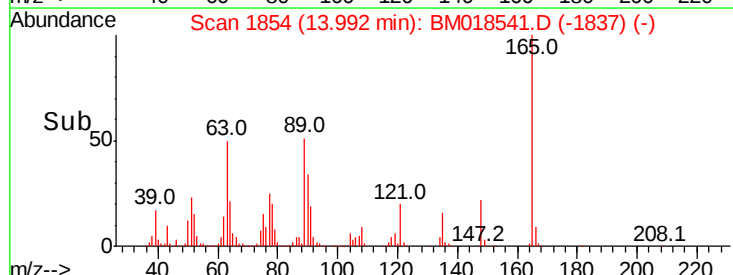
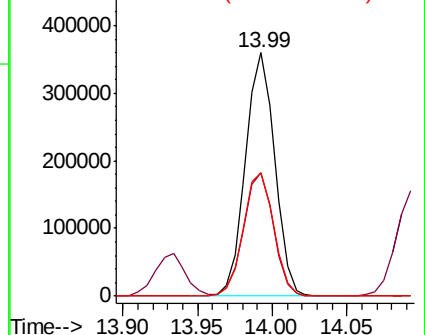


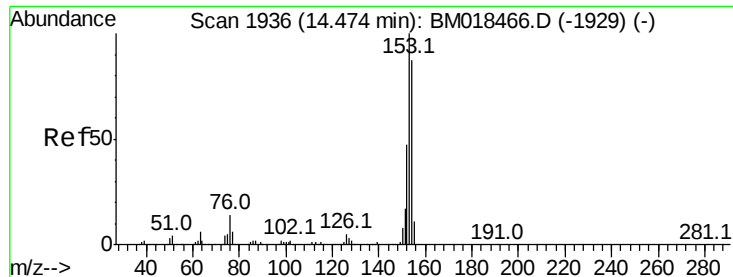
#51
2,6-Dinitrotoluene
Concen: 26.894 ng
RT: 13.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:165 Resp: 488883
Ion Ratio Lower Upper
165 100
63 50.5 45.6 68.4
89 50.8 44.6 66.8



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





#52

Acenaphthene

Concen: 25.084 ng

RT: 14.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

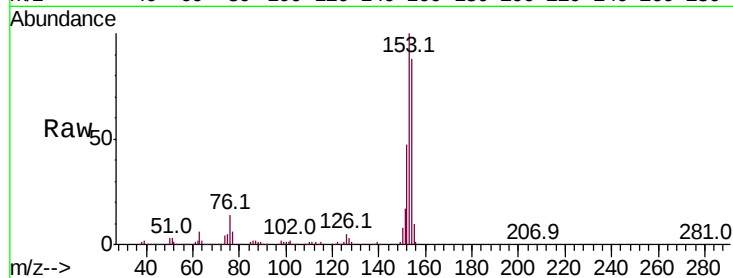
Tot Ion:154 Resp: 1582450

Ion Ratio Lower Upper

154 100

153 113.7 92.3 138.5

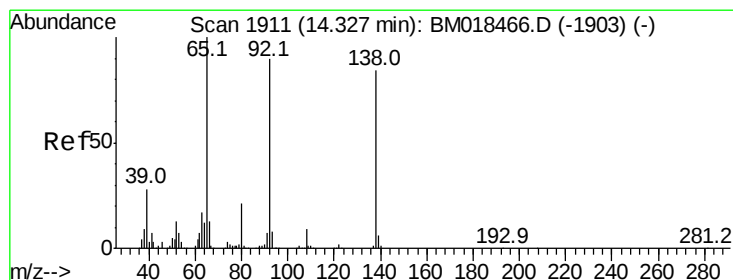
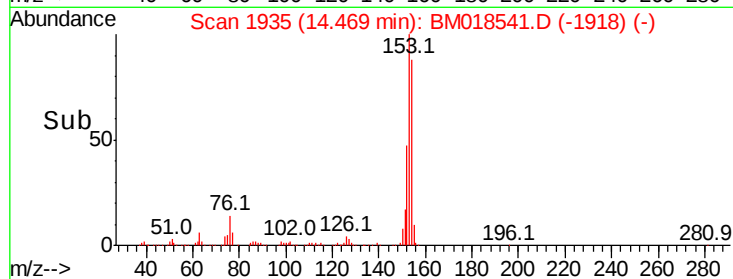
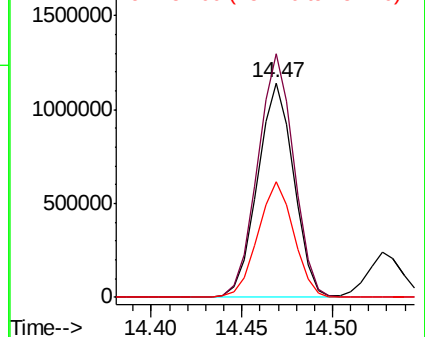
152 53.8 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 15.529 ng

RT: 14.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

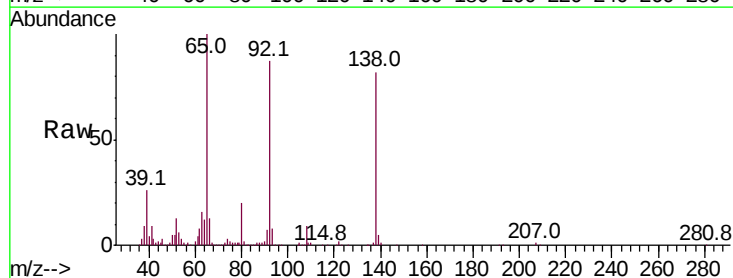
Tgt Ion:138 Resp: 284587

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

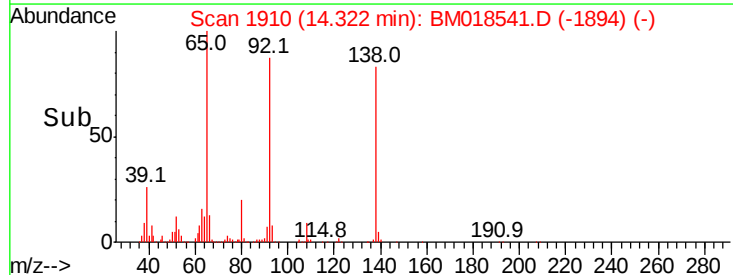
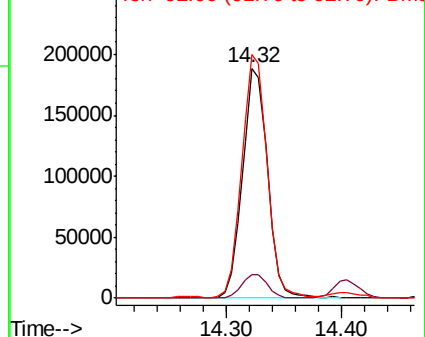
92 105.9 88.2 132.2

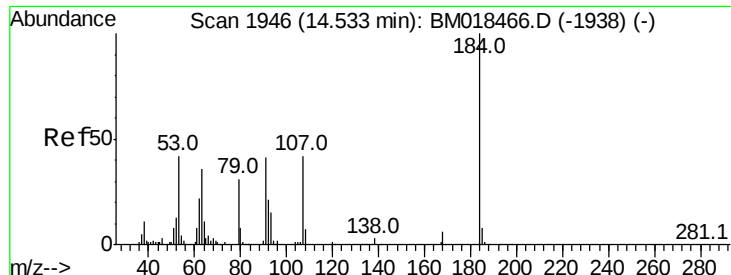


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

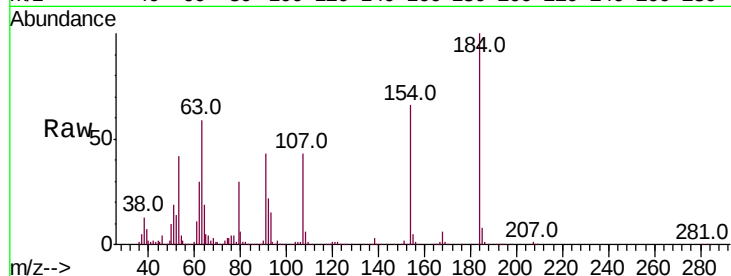




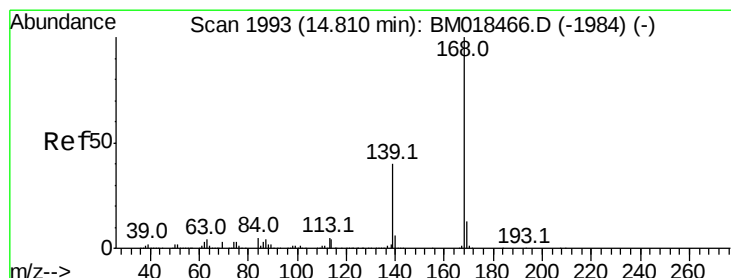
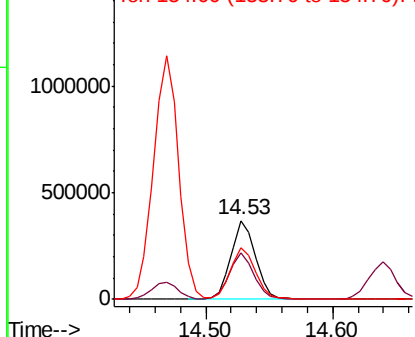
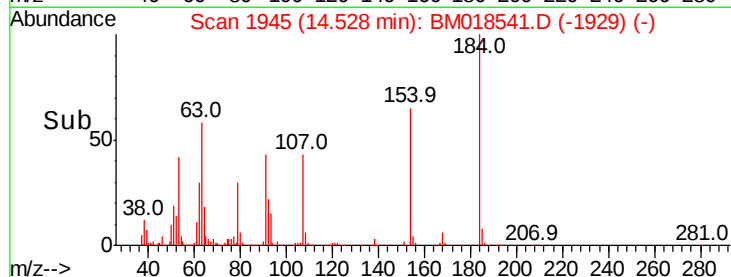
#54
2,4-Dinitrophenol
Concen: 53.353 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 499083
Ion Ratio Lower Upper
184 100
63 58.5 55.9 83.9
154 65.9 54.2 81.4

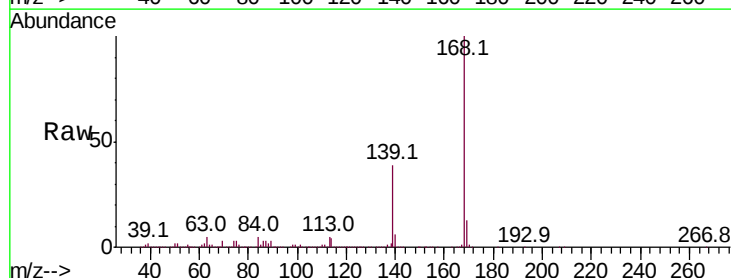


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

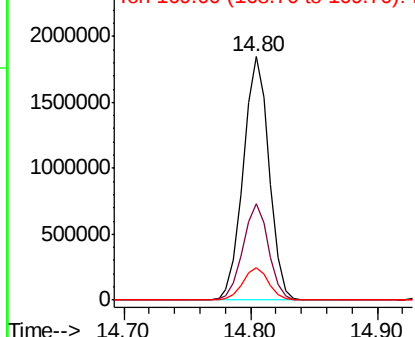
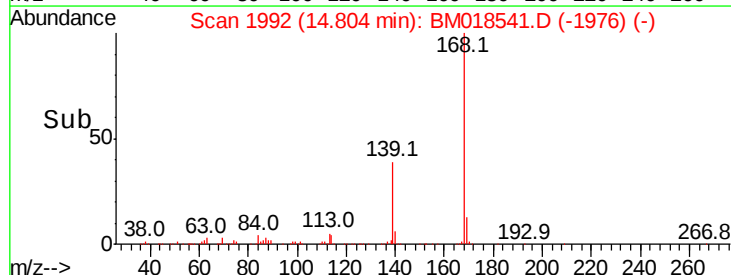


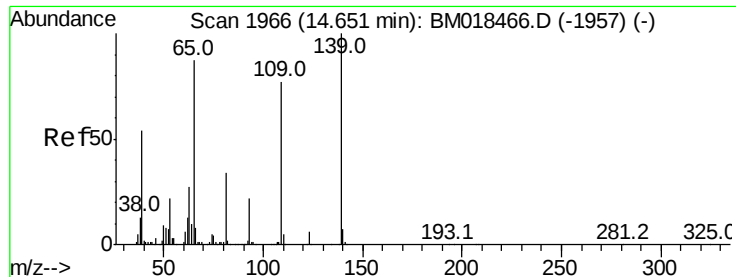
#55
Dibenzofuran
Concen: 24.959 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:168 Resp: 2601674
Ion Ratio Lower Upper
168 100
139 39.4 30.3 45.5
169 13.4 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

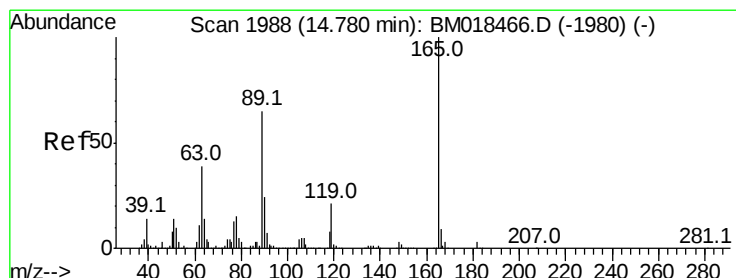
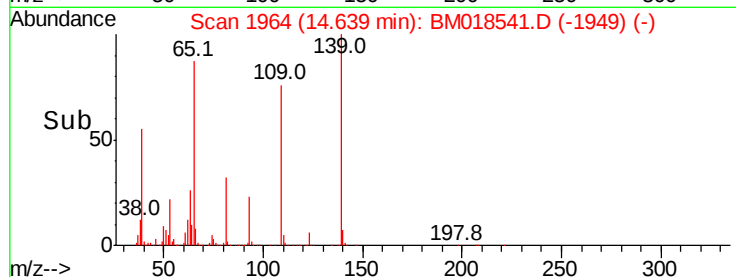
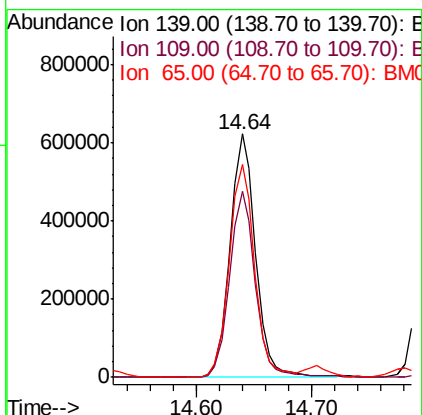
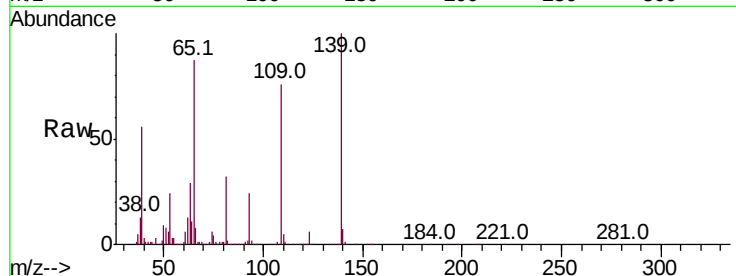




#56
4-Nitrophenol
Concen: 60.222 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

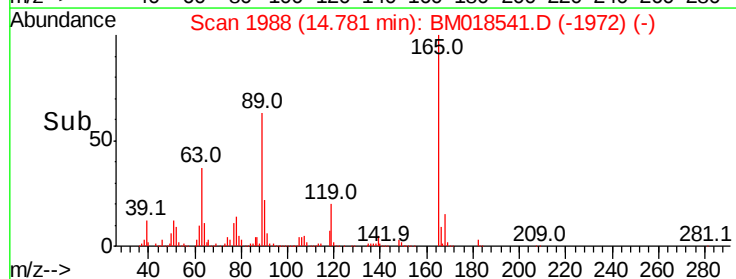
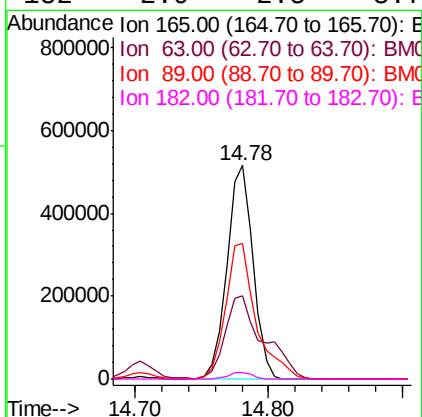
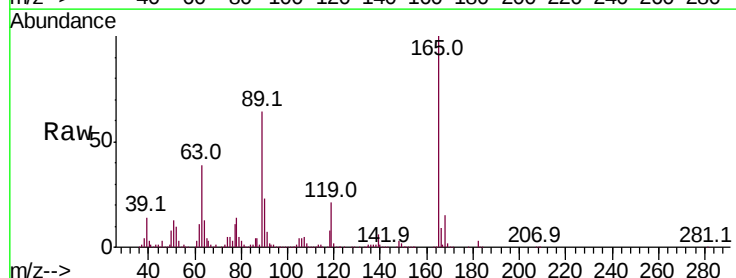
Instrument :
BNA_M
ClientSampleId :

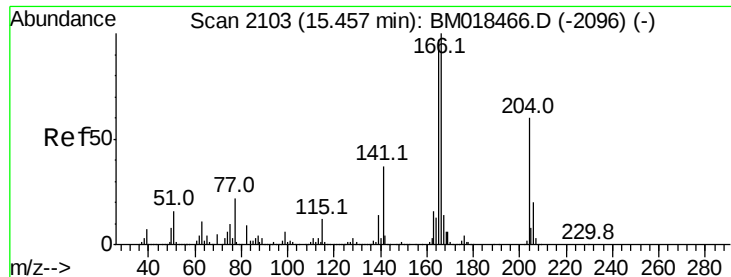
Tot Ion	Ratio	Lower	Upper
139	100		
109	76.4	51.7	91.7
65	87.4	71.4	111.4



#57
2,4-Dinitrotoluene
Concen: 27.398 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	32.2	48.2
89	63.8	52.1	78.1
182	2.9	2.5	3.7





#58

Fluorene

Concen: 27.626 ng

RT: 15.46 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

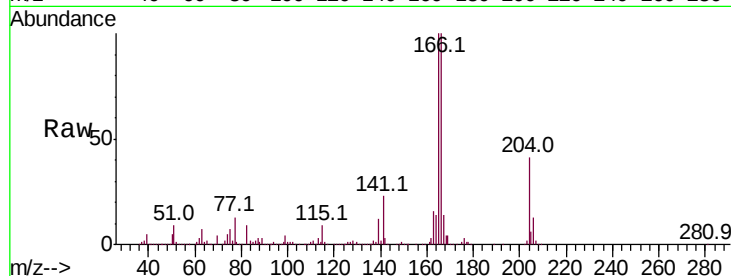
Tot Ion:166 Resp: 2145131

Ion Ratio Lower Upper

166 100

165 99.9 78.3 117.5

167 13.7 10.9 16.3

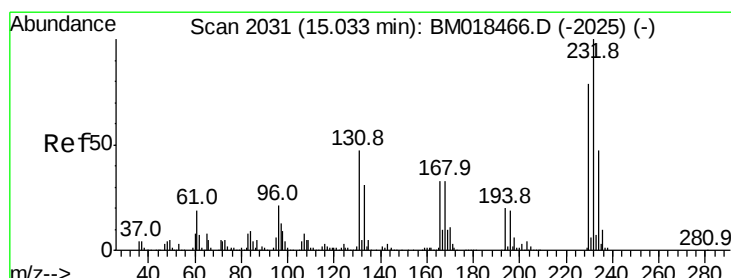
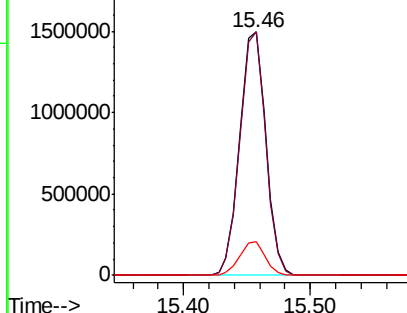
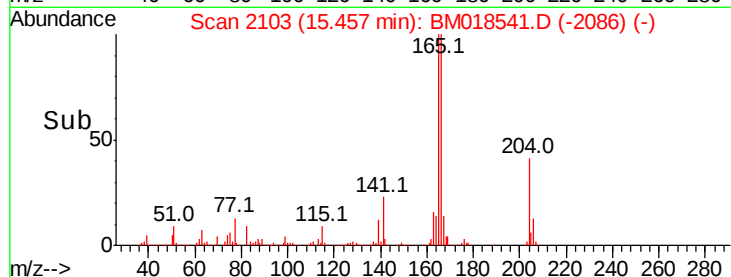


Abundance

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: 29.959 ng

RT: 15.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Tgt Ion:232 Resp: 619717

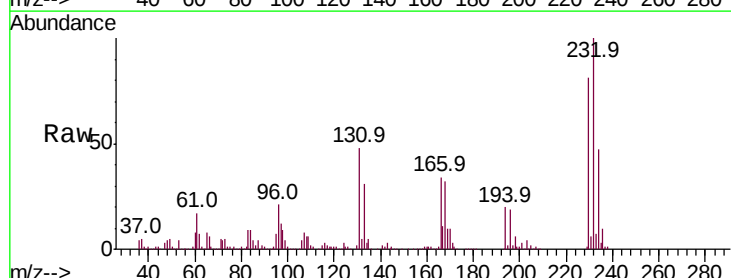
Ion Ratio Lower Upper

232 100

131 46.6 38.6 57.8

130 2.5 2.2 3.4

166 32.7 27.2 40.8



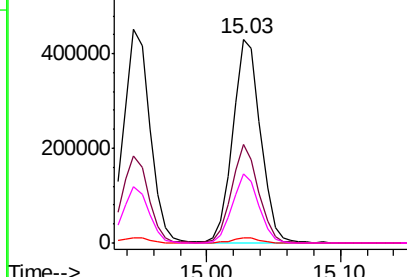
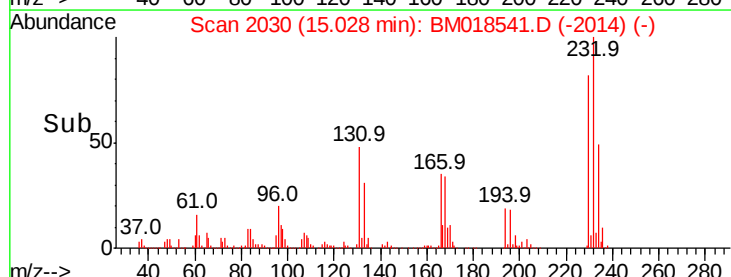
Abundance

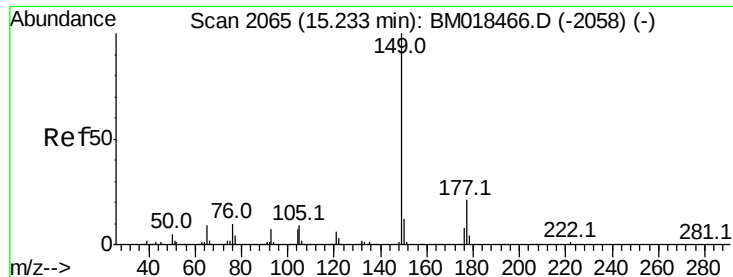
Ion 232.00 (231.70 to 232.70): E

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

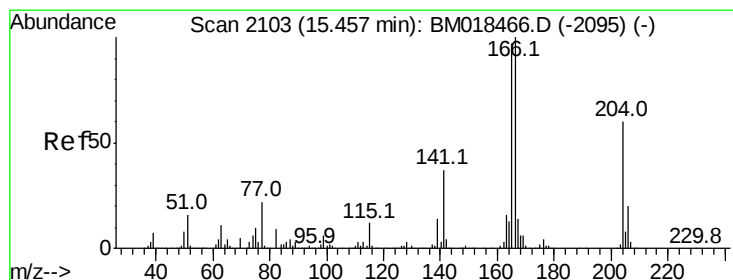
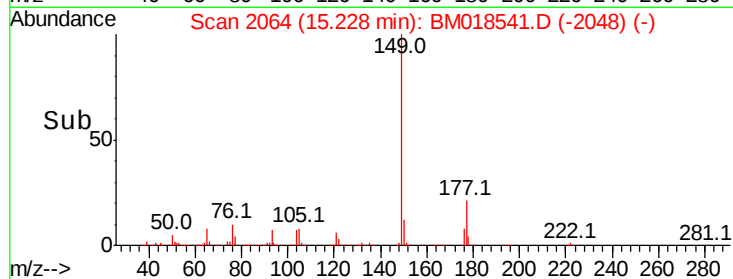
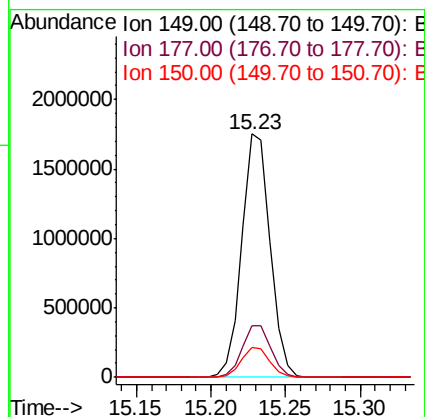
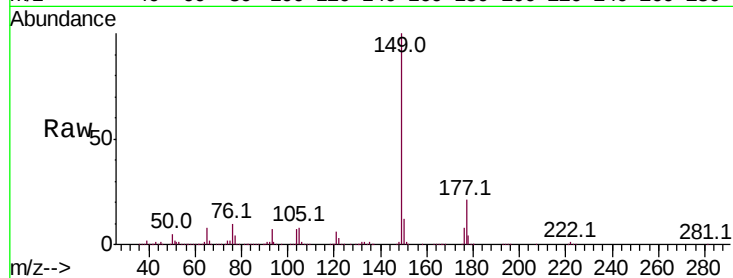




#60
Diethylphthalate
Concen: 26.557 ng
RT: 15.23 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

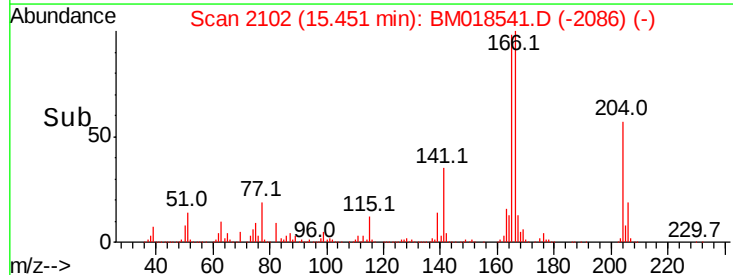
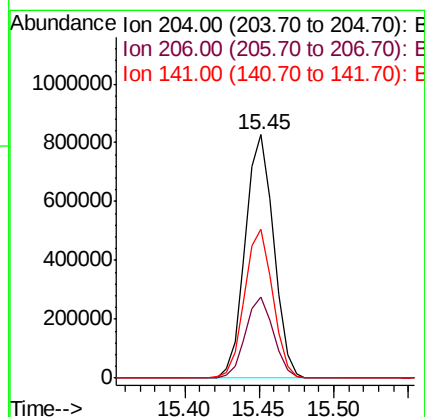
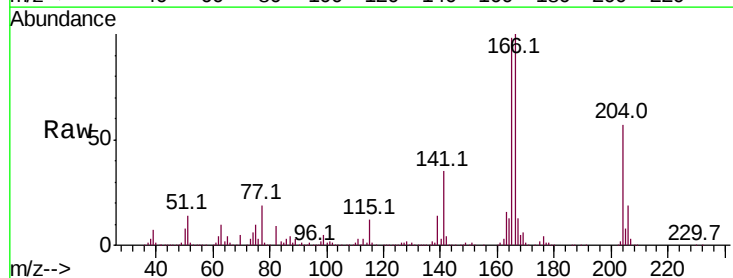
Instrument :
BNA_M
ClientSampled :

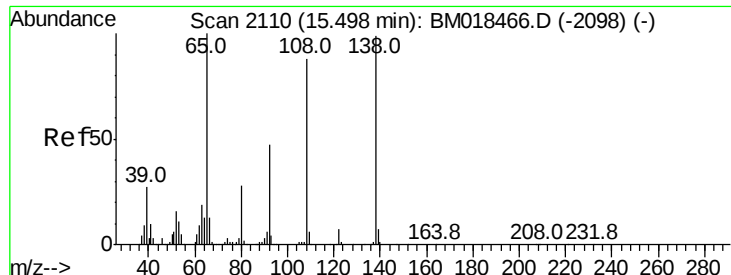
Tot Ion:149 Resp: 2300693
Ion Ratio Lower Upper
149 100
177 21.1 17.1 25.7
150 12.3 9.8 14.6



#61
4-Chlorophenyl-phenylether
Concen: 24.287 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:204 Resp: 1086918
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 60.9 49.5 74.3

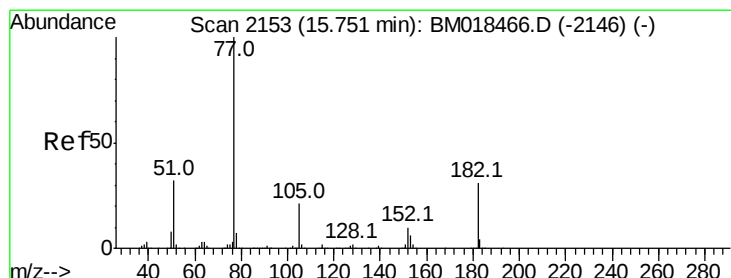
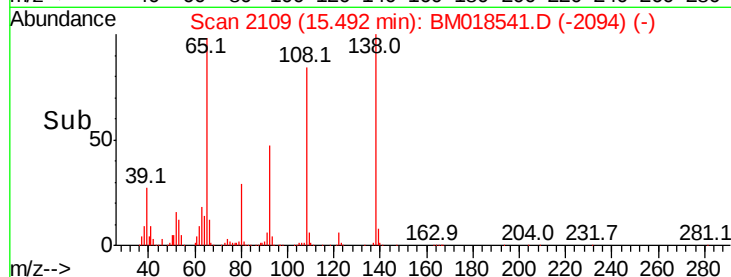
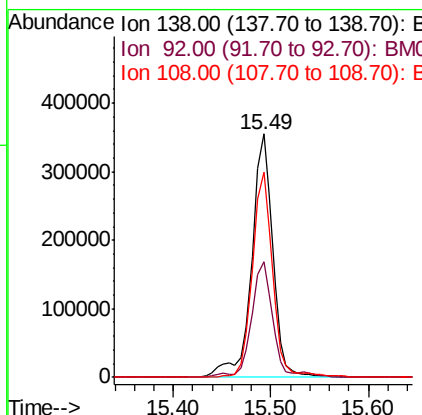
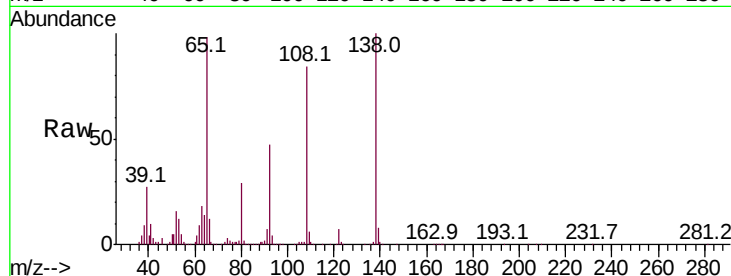




#62
4-Nitroaniline
Concen: 26.990 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

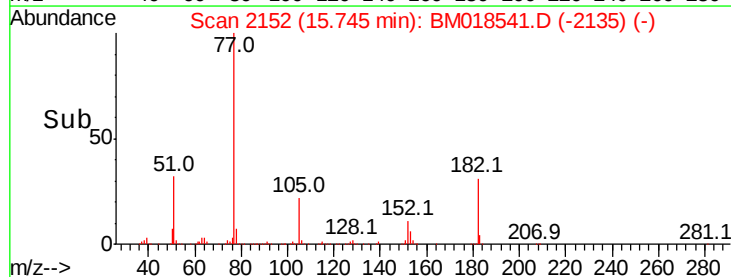
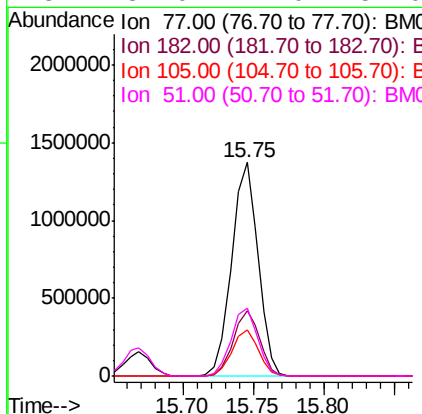
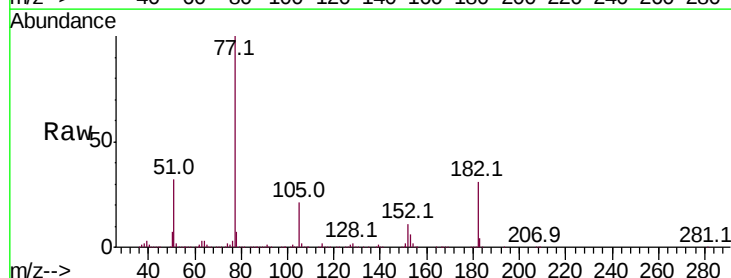
Instrument :
BNA_M
ClientSampleId :

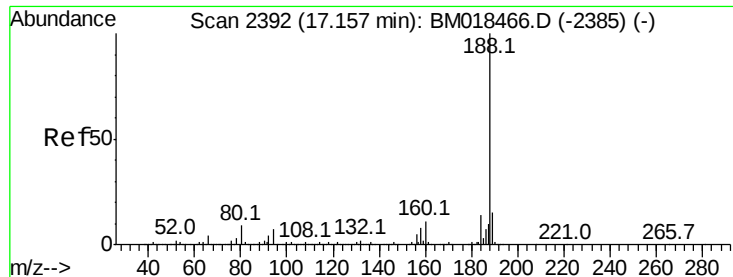
Tot Ion:138 Resp: 539520
Ion Ratio Lower Upper
138 100
92 47.2 29.0 69.0
108 84.1 63.9 103.9



#63
Azobenzene
Concen: 25.288 ng
RT: 15.75 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion: 77 Resp: 1786182
Ion Ratio Lower Upper
77 100
182 30.7 7.4 47.4
105 21.5 0.0 39.6
51 32.0 12.0 52.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampled :

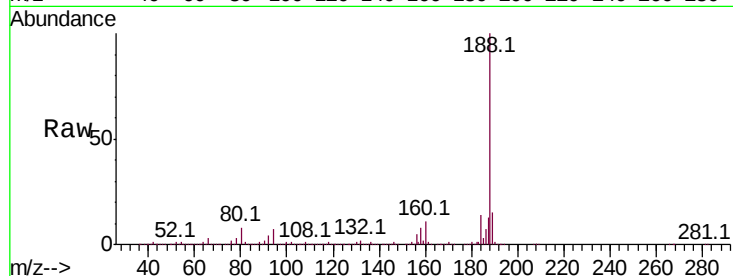
Tot Ion:188 Resp: 2571964

Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

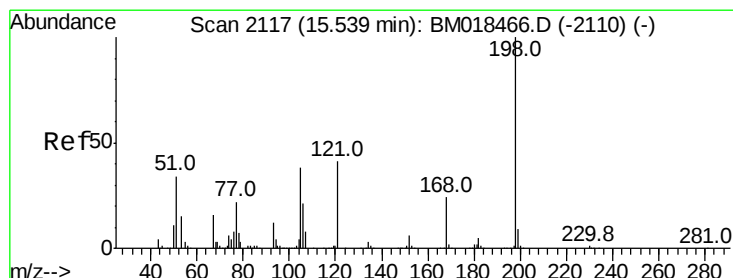
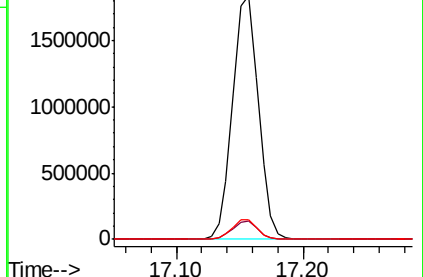
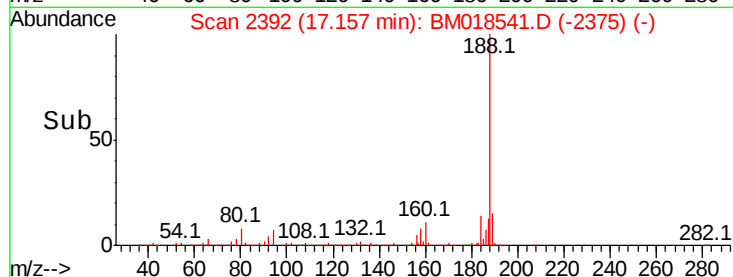
80 7.9 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

2500000 Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#65

4,6-Dinitro-2-methylphenol

Concen: 26.686 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

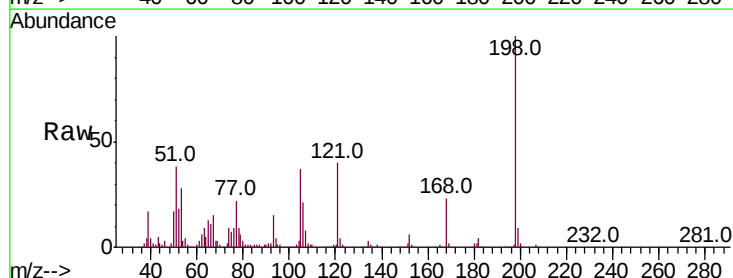
Tgt Ion:198 Resp: 393255

Ion Ratio Lower Upper

198 100

51 37.9 29.6 69.6

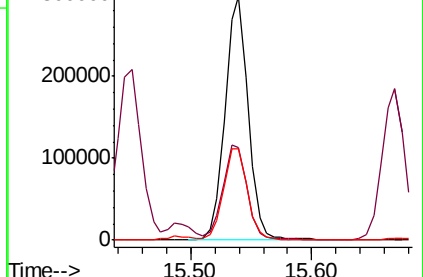
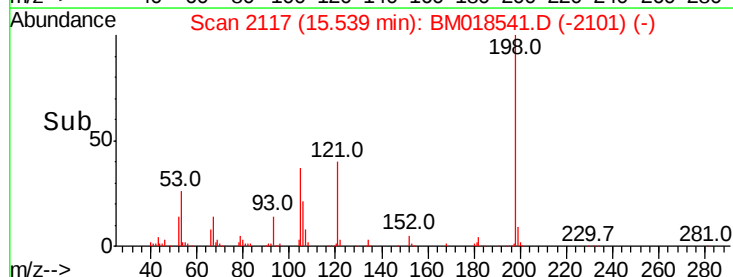
105 37.3 25.5 65.5

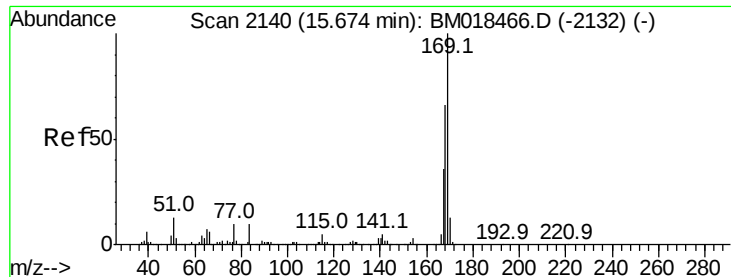


Abundance Ion 198.00 (197.70 to 198.70): E

400000 Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

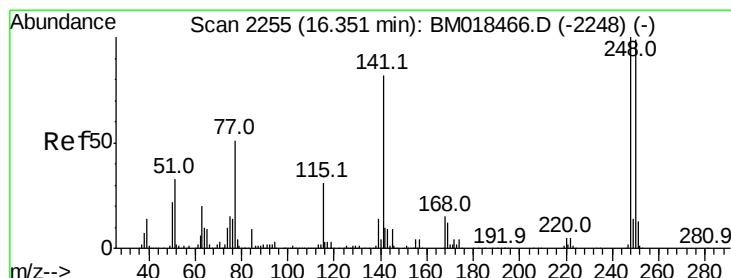
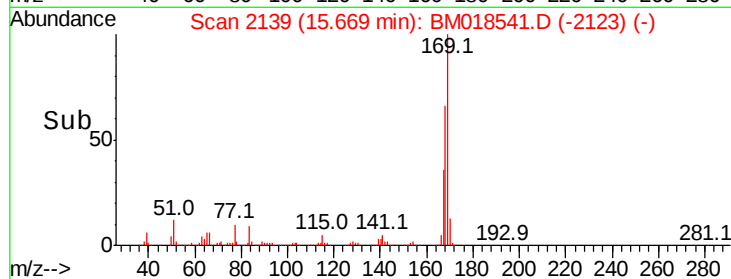
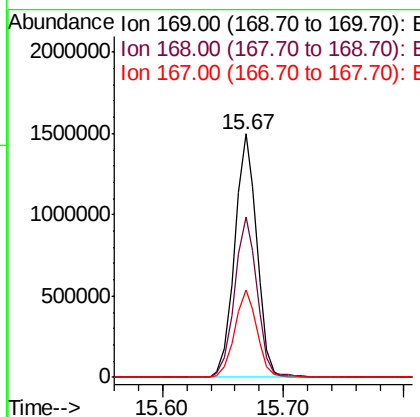
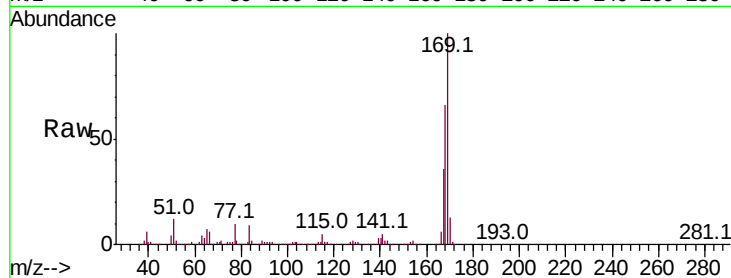




#66
 n-Nitrosodiphenylamine
 Concen: 23.898 ng
 RT: 15.67 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

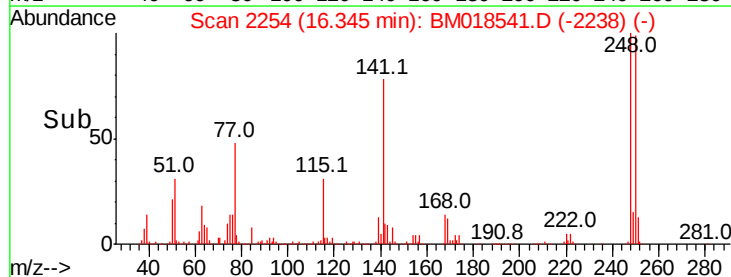
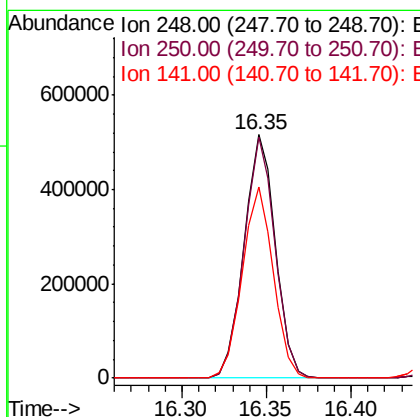
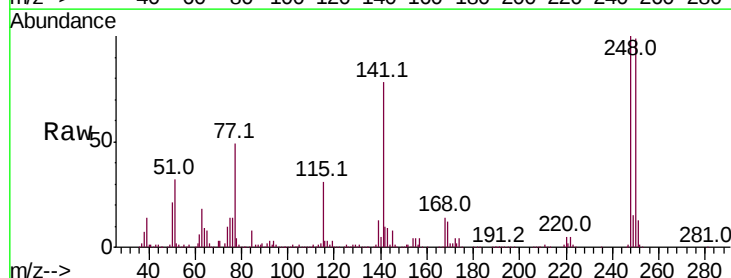
Instrument :
 BNA_M
 ClientSampleId :

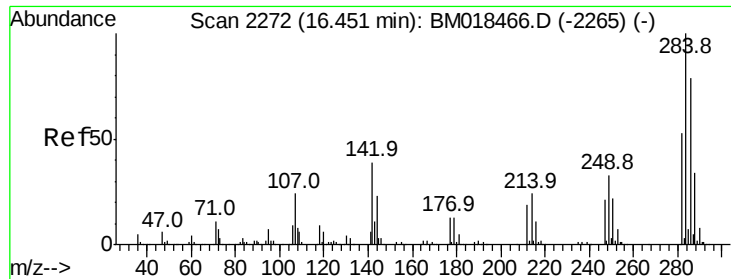
Tot Ion:169 Resp: 1906627
 Ion Ratio Lower Upper
 169 100
 168 66.0 54.1 81.1
 167 35.9 28.6 42.8



#67
 4-Bromophenyl-phenylether
 Concen: 23.135 ng
 RT: 16.35 min Scan# 2254
 Delta R.T. -0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Tgt Ion:248 Resp: 665859
 Ion Ratio Lower Upper
 248 100
 250 98.9 76.0 114.0
 141 78.4 61.5 92.3





#68

Hexachlorobenzene

Concen: 23.193 ng

RT: 16.45 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

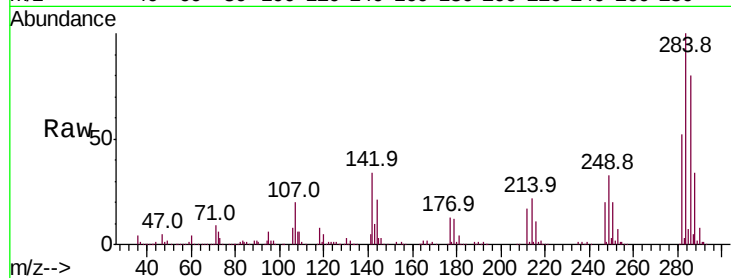
Tot Ion:284 Resp: 747299

Ion Ratio Lower Upper

284 100

142 33.7 29.2 43.8

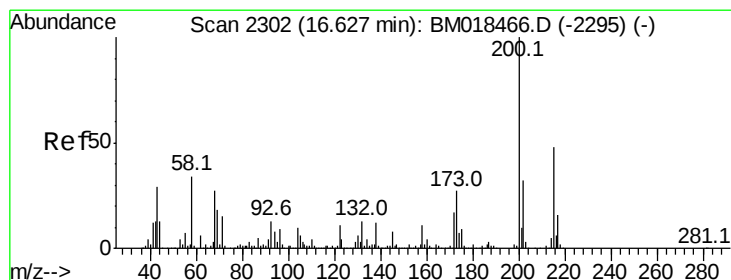
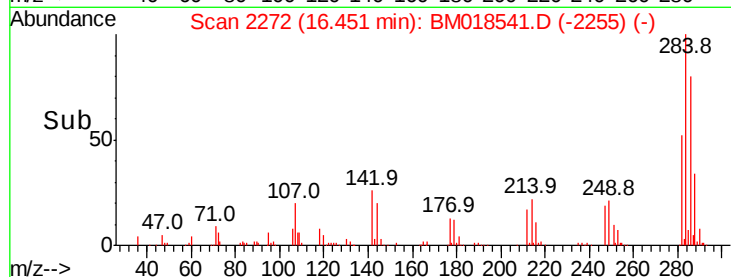
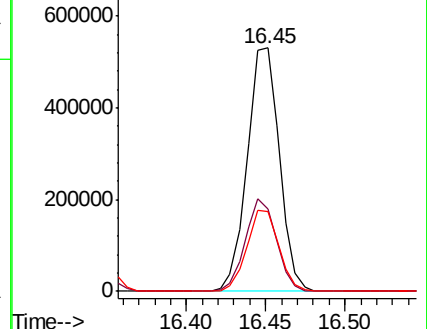
249 32.6 26.1 39.1



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: 25.882 ng

RT: 16.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

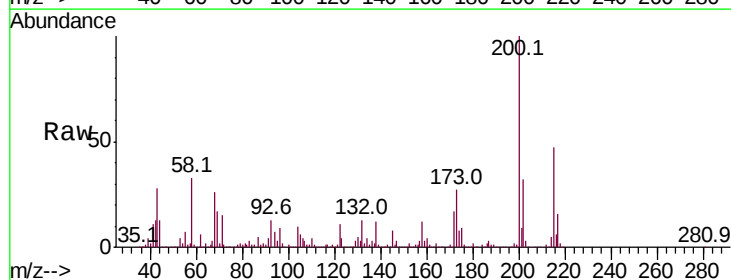
Tgt Ion:200 Resp: 746485

Ion Ratio Lower Upper

200 100

173 26.8 7.2 47.2

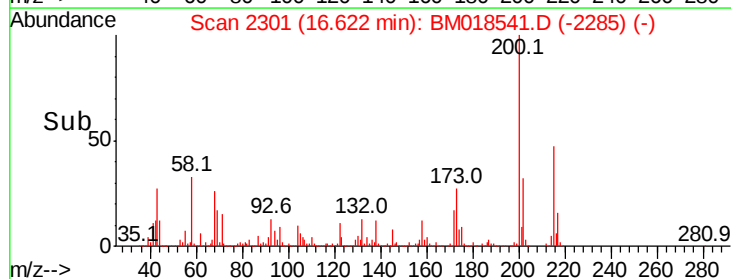
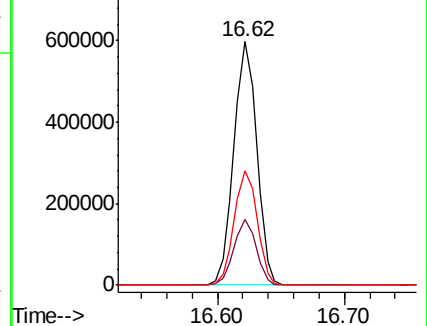
215 47.2 28.3 68.3

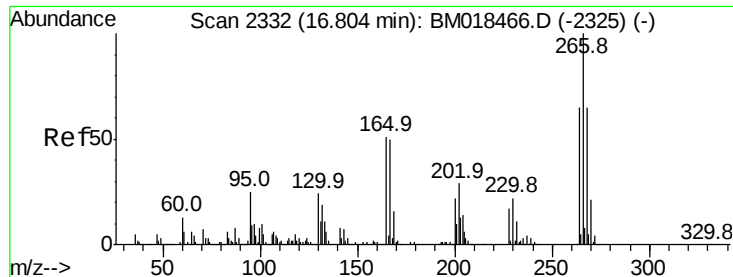


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

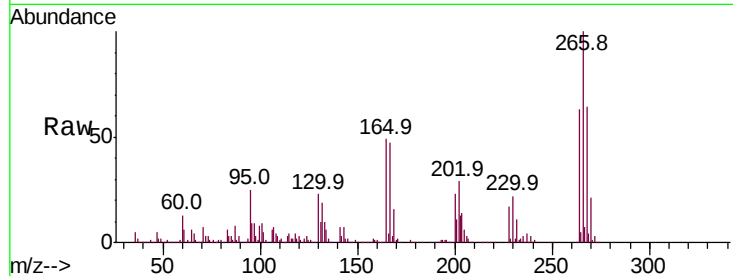




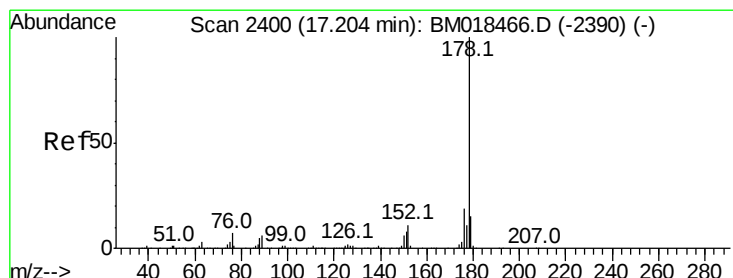
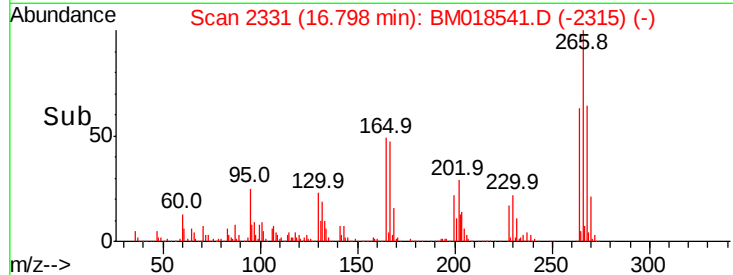
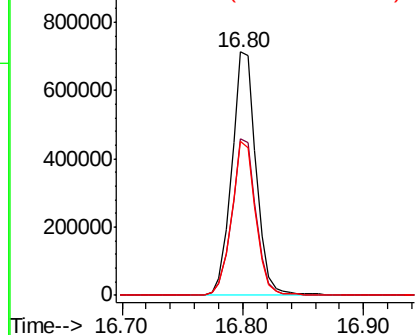
#70
 Pentachlorophenol
 Concen: 47.393 ng
 RT: 16.80 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 1000085
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.8 74.6
 264 63.4 50.1 75.1

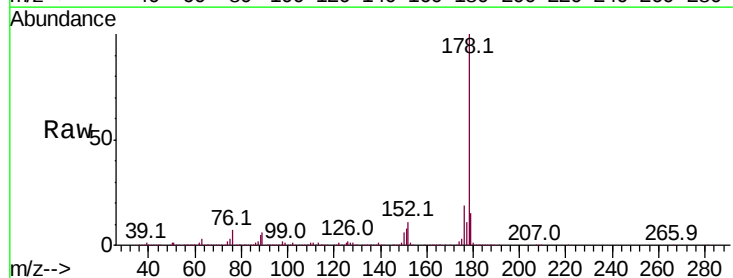


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

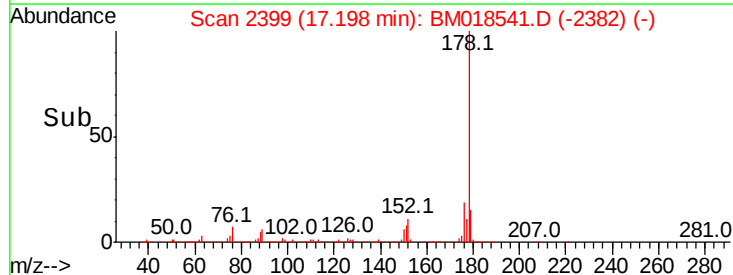
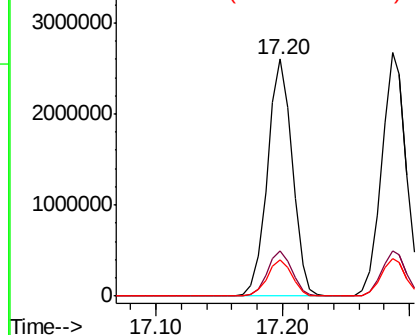


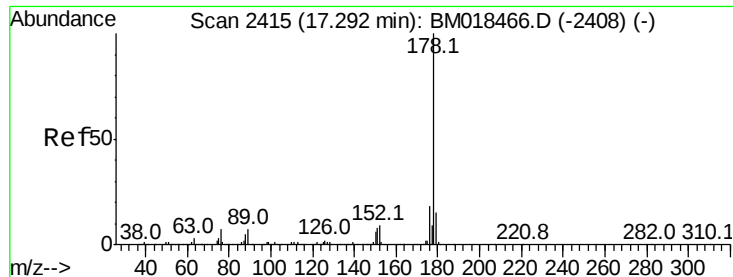
#71
 Phenanthrene
 Concen: 25.888 ng
 RT: 17.20 min Scan# 2399
 Delta R.T. 0.00 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Tgt Ion:178 Resp: 3541596
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 27.450 ng

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

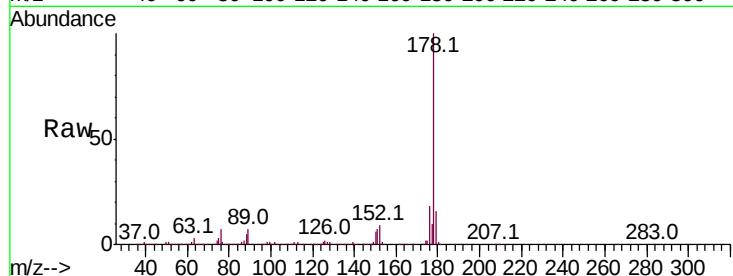
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 3611064

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.6	12.2	18.4

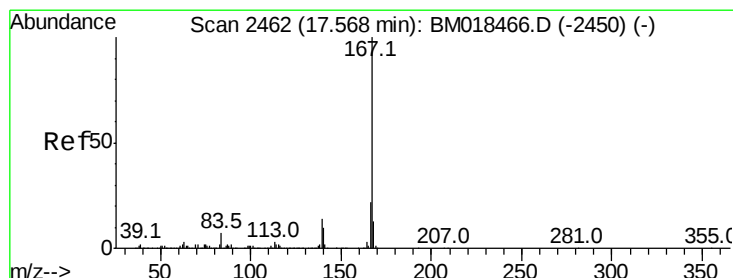
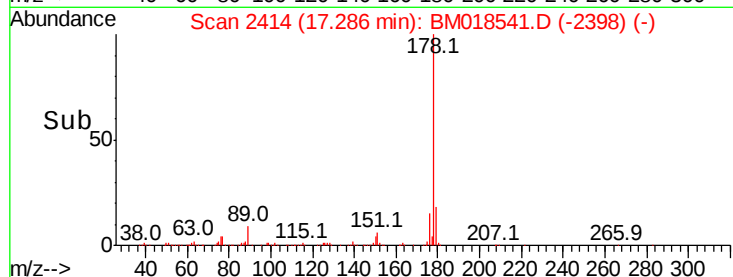
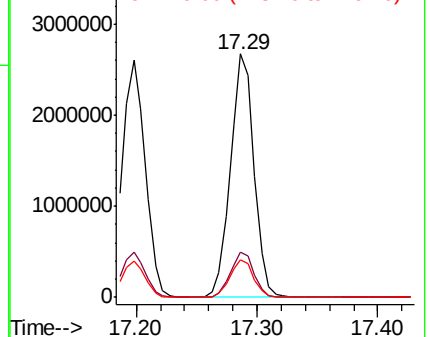


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 25.324 ng

RT: 17.56 min Scan# 2461

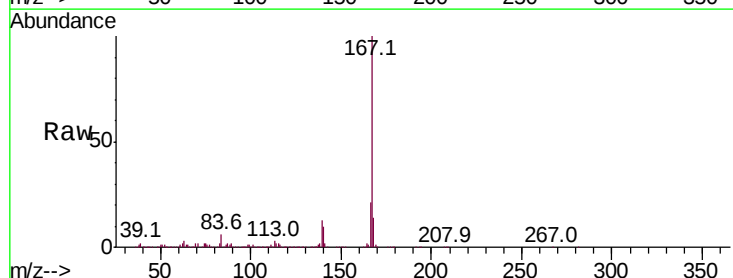
Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Tgt Ion:167 Resp: 3422619

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.1	10.6	16.0

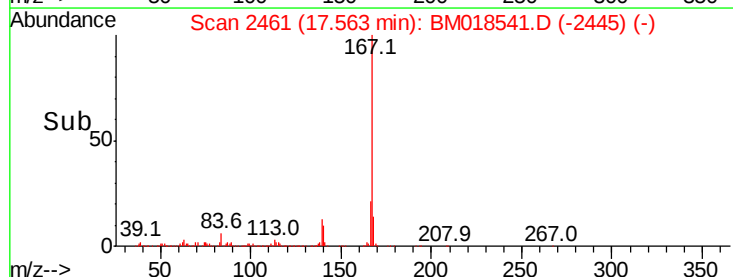
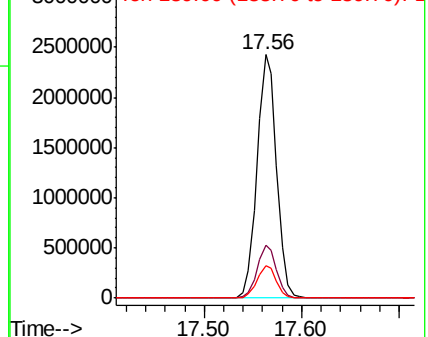


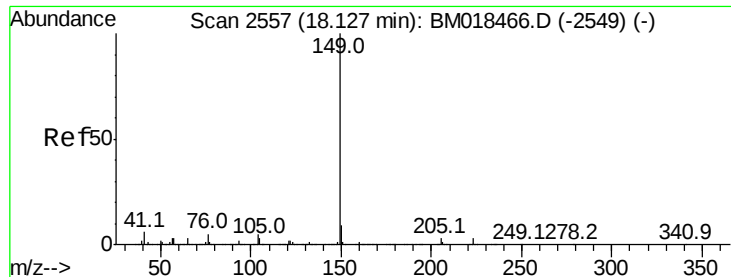
Abundance

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

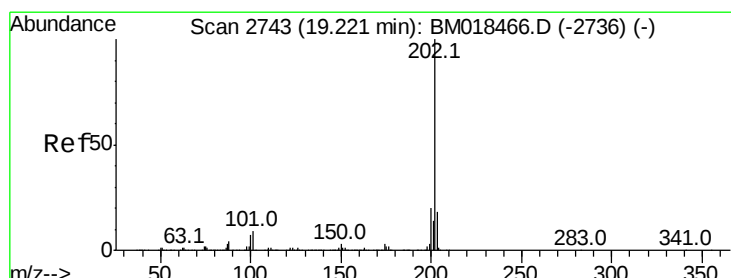
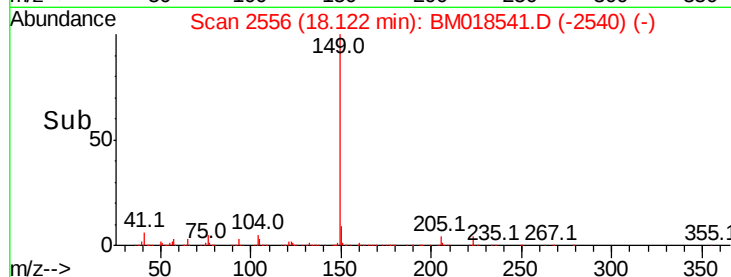
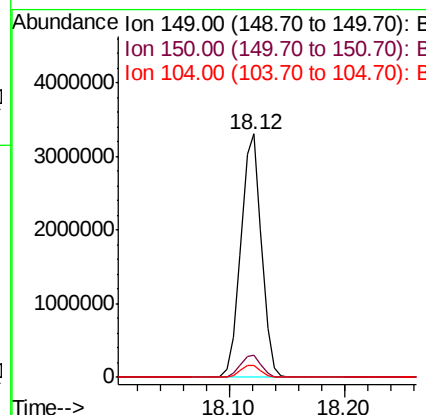
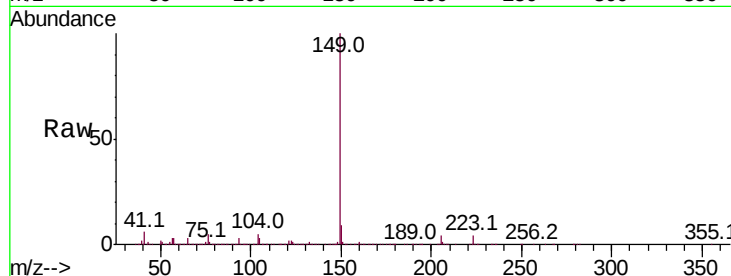




#74
Di-n-butylphthalate
Concen: 27.355 ng
RT: 18.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

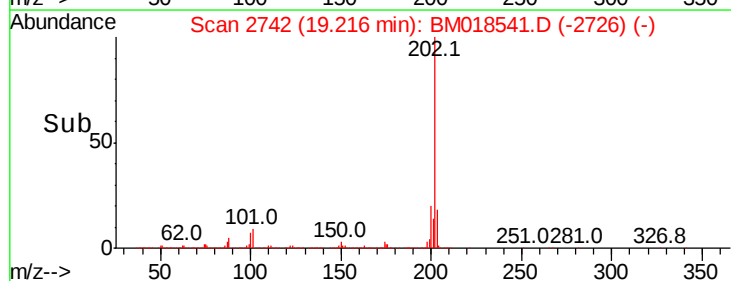
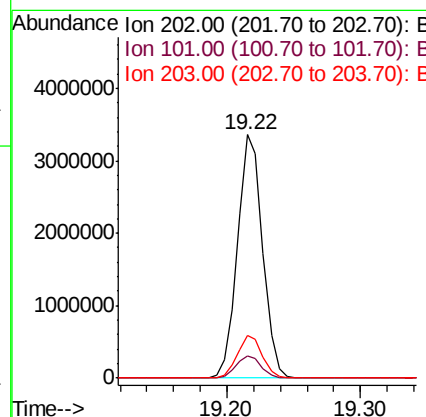
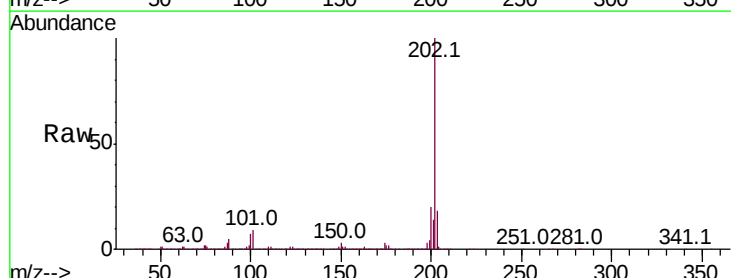
Instrument :
BNA_M
ClientSampleId :

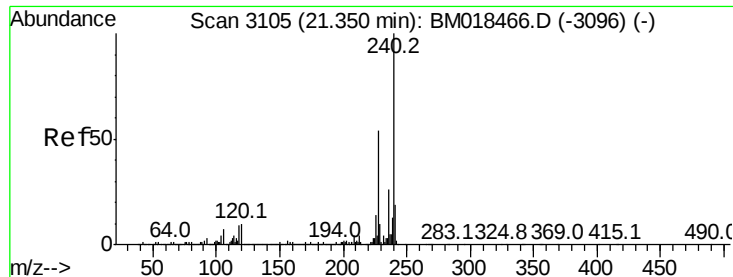
Tot Ion:149 Resp: 4049792
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.9 4.2 6.4



#75
Fluoranthene
Concen: 27.911 ng
RT: 19.22 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:202 Resp: 4402152
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.9
203 17.6 0.0 37.4

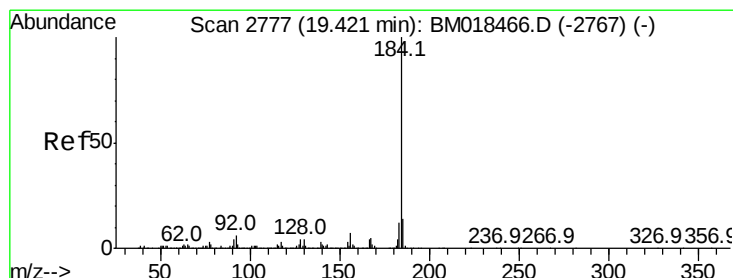
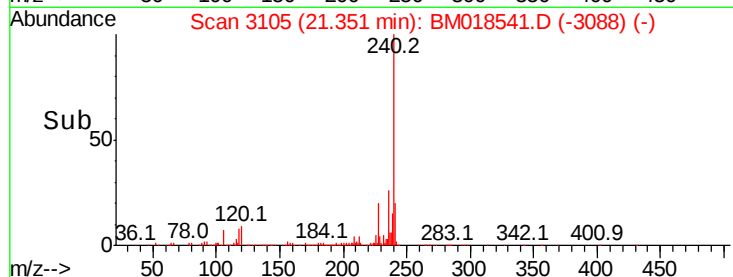
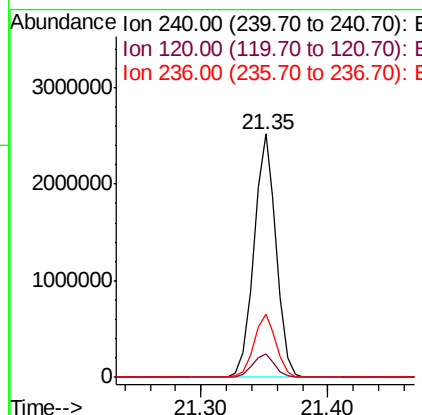
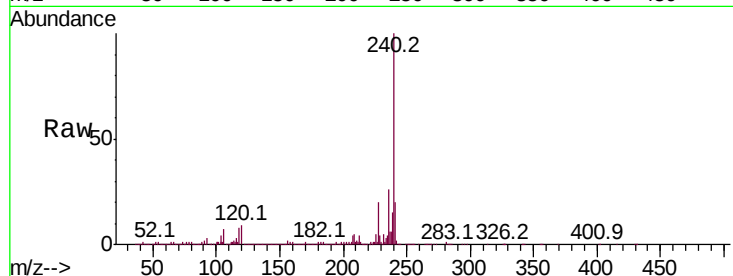




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

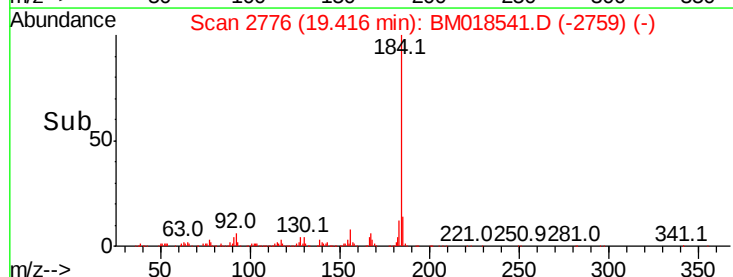
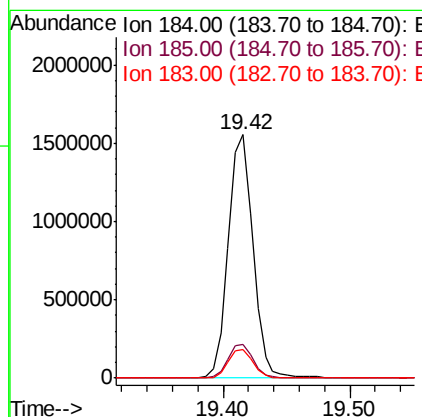
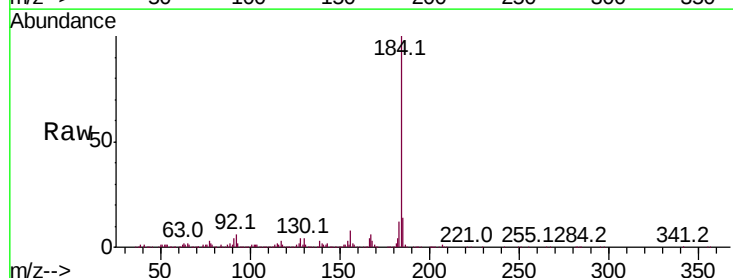
Instrument :
BNA_M
ClientSampleId :

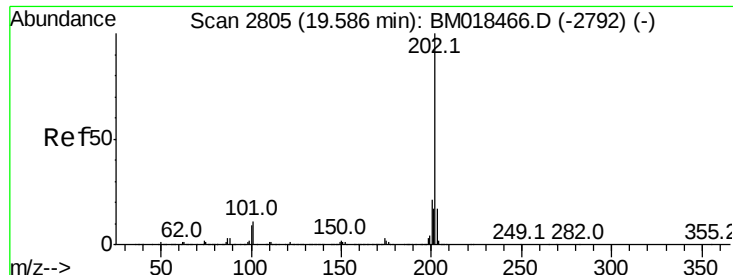
Tot Ion:240 Resp: 3053235
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.9 20.7 31.1



#77
Benzidine
Concen: 27.837 ng
RT: 19.42 min Scan# 2776
Delta R.T. 0.00 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:184 Resp: 2098598
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.9 9.5 14.3





#78

Pvrene

Concen: 25.428 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

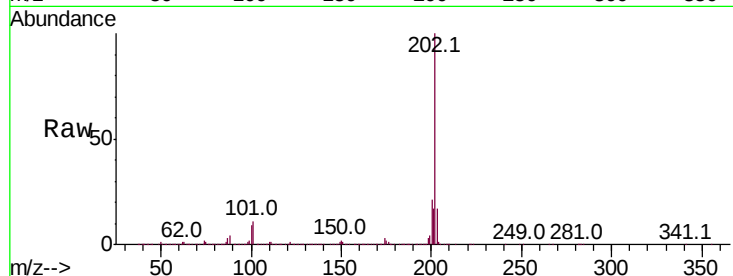
Tot Ion:202 Resp: 4601972

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.3	13.8	20.8

202 100

200 20.6 16.6 24.8

203 17.3 13.8 20.8

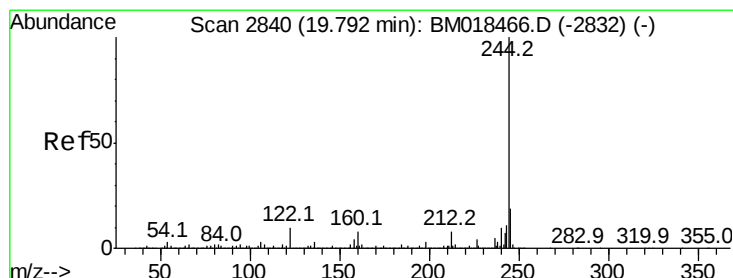
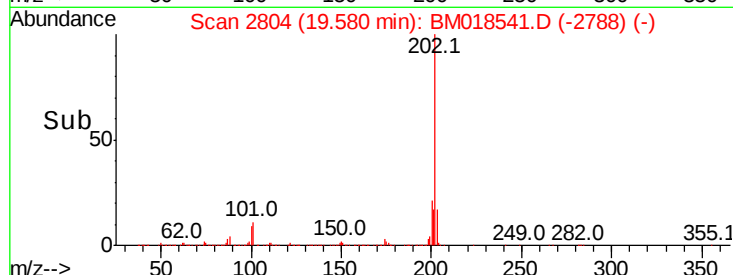
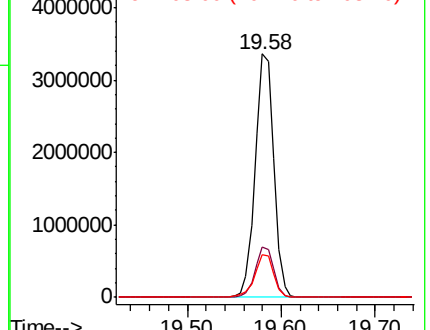


Abundance

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: 48.173 ng

RT: 19.79 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

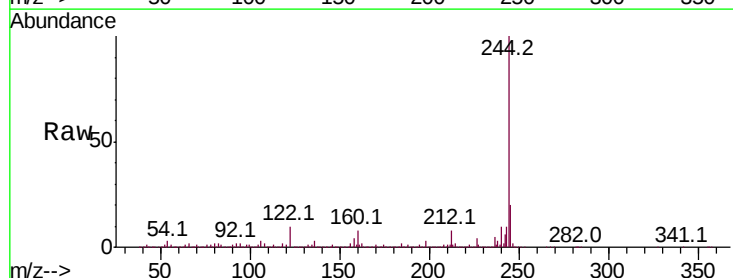
Tgt Ion:244 Resp: 6977238

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.8	9.0	13.4

244 100

212 7.6 5.9 8.9

122 9.8 9.0 13.4

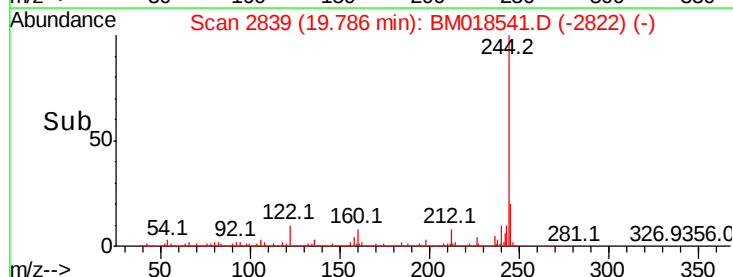
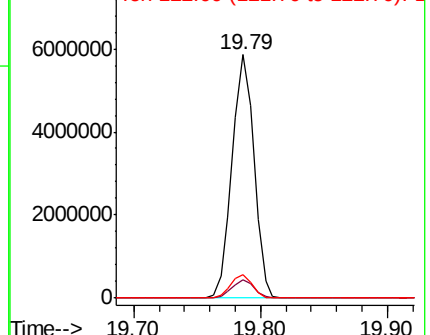


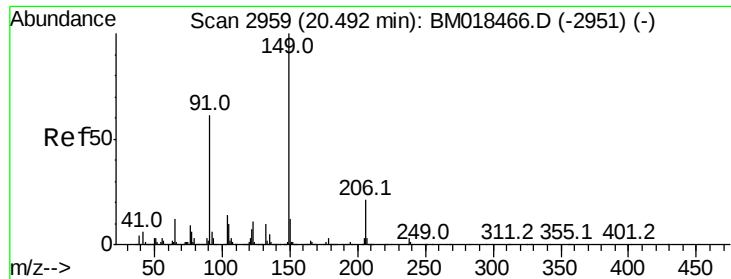
Abundance

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

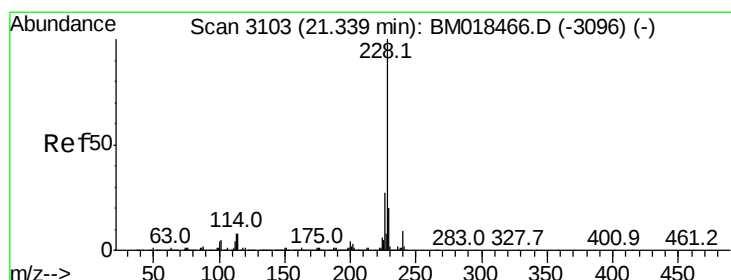
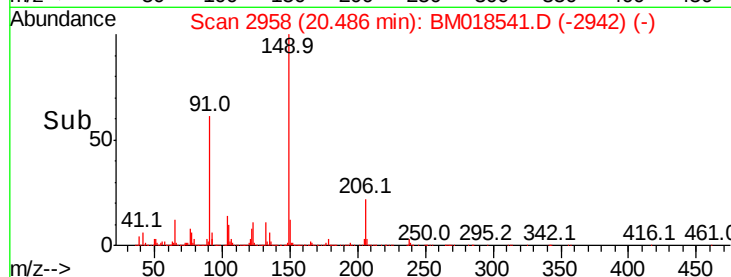
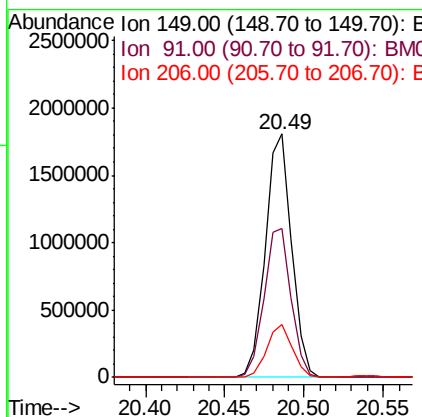
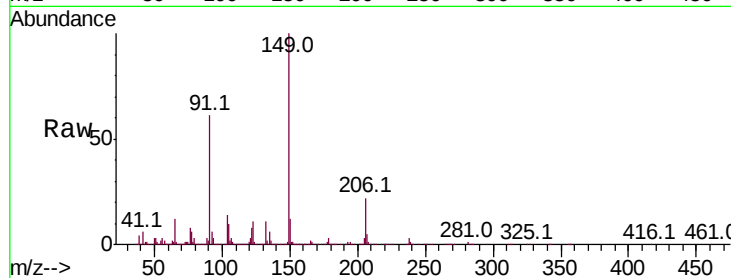




#80
Butylbenzylphthalate
Concen: 27.058 ng
RT: 20.49 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

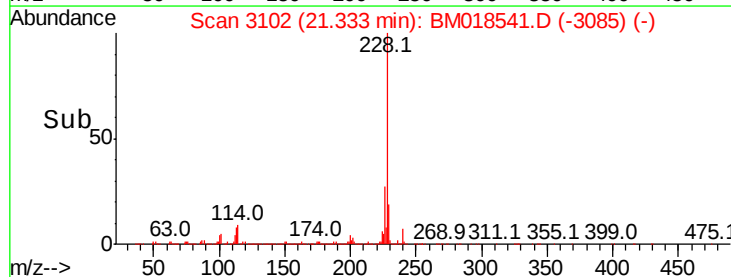
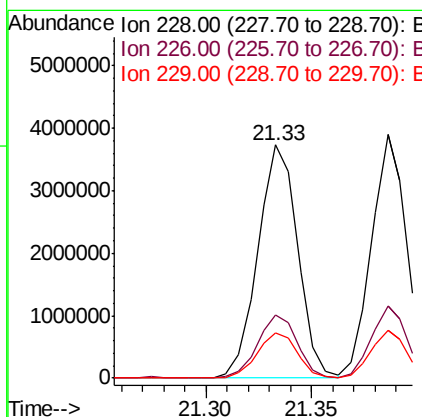
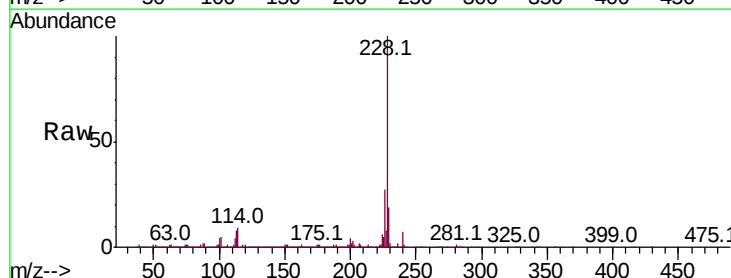
Instrument :
BNA_M
ClientSampleId :

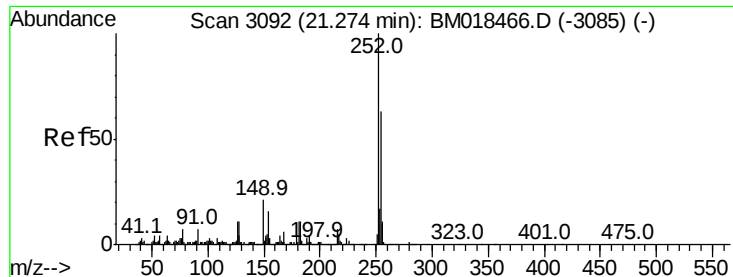
Tot Ion:149 Resp: 2089592
Ion Ratio Lower Upper
149 100
91 61.1 53.1 79.7
206 21.8 16.2 24.4



#81
Benzo(a)anthracene
Concen: 27.156 ng
RT: 21.33 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM018541.D
Acq: 11 Jan 2019 19:09

Tgt Ion:228 Resp: 4884645
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 19.5 15.8 23.8

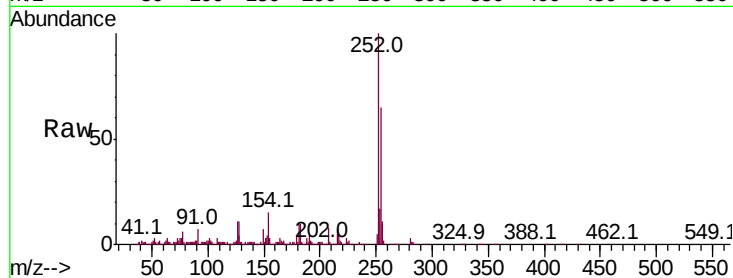




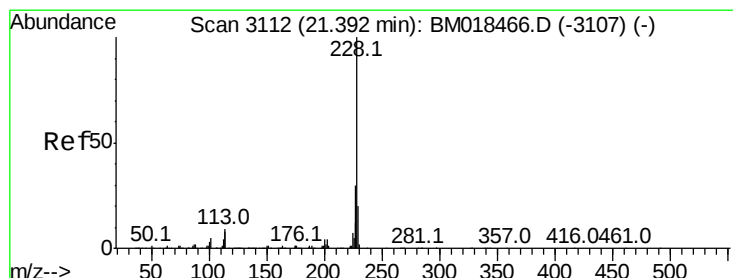
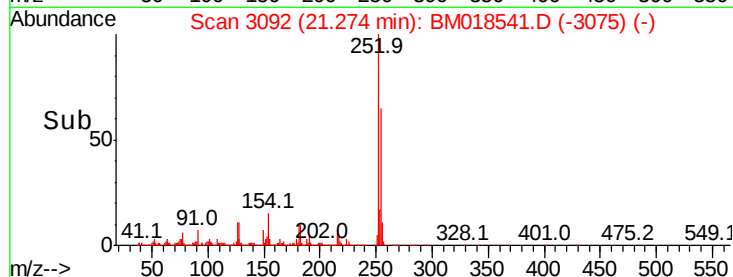
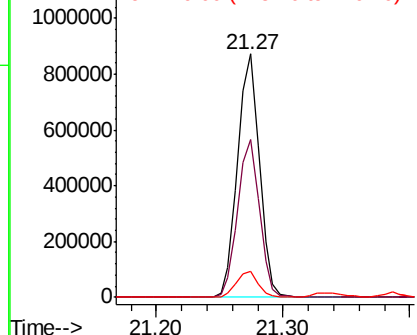
#82
 3,3'-Dichlorobenzidine
 Concen: 15.280 ng
 RT: 21.27 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:252 Resp: 1039332
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.4 77.0
 126 10.6 8.7 13.1

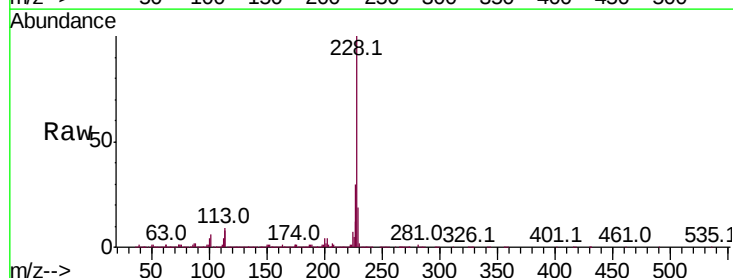


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

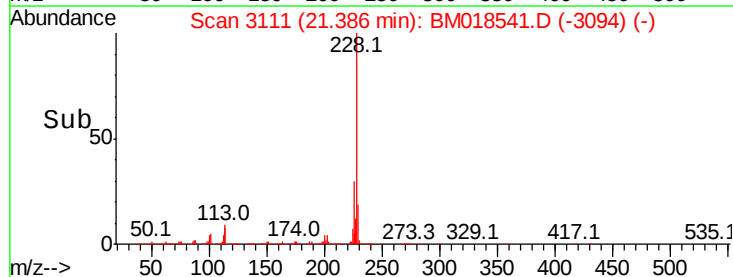
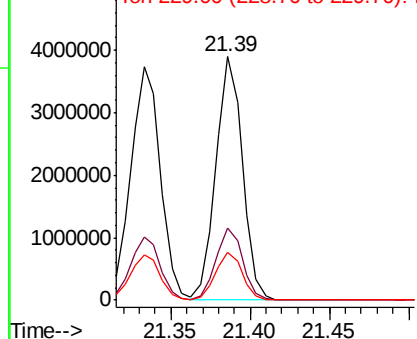


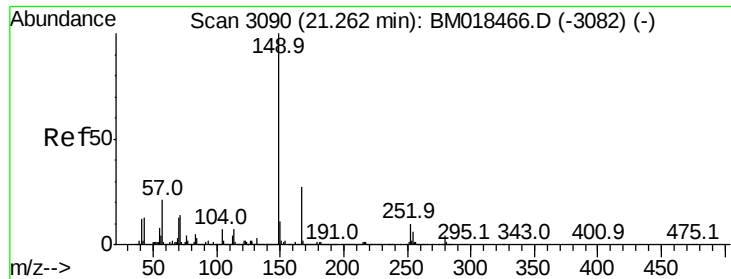
#83
 Chrysene
 Concen: 26.075 ng
 RT: 21.39 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Tgt Ion:228 Resp: 4528976
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.2
 229 19.4 15.6 23.4



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 27.212 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

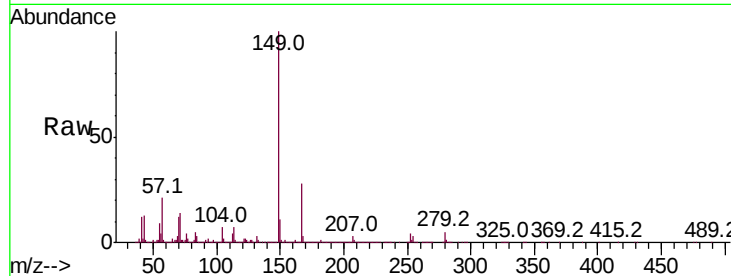
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 3034498

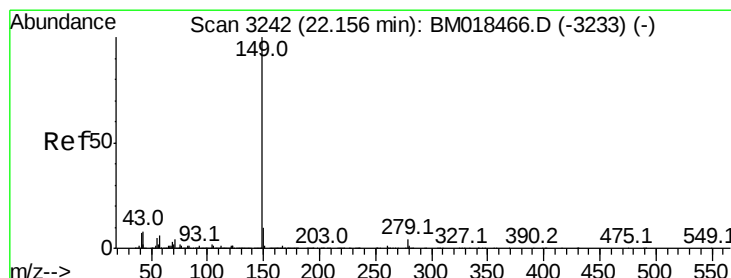
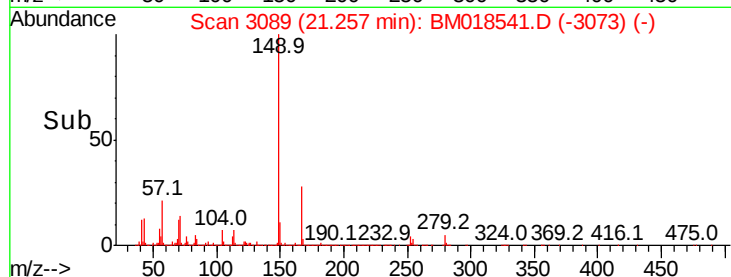
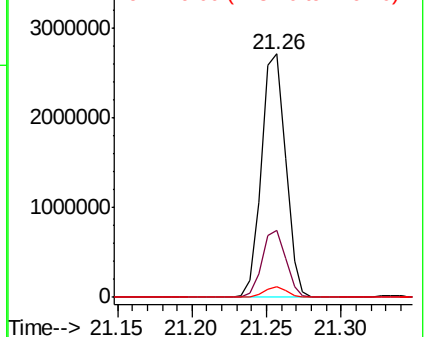
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.6	32.4
279	4.6	3.3	4.9



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: 28.984 ng

RT: 22.14 min Scan# 3240

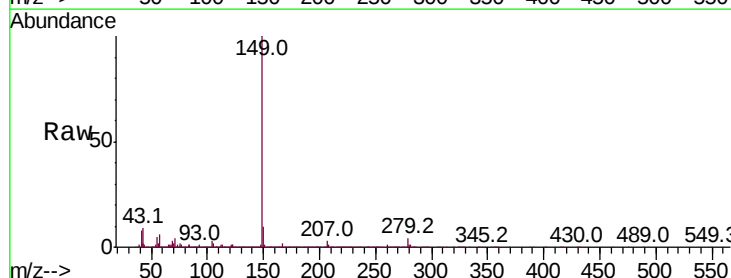
Delta R.T. -0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Tgt Ion:149 Resp: 5436291

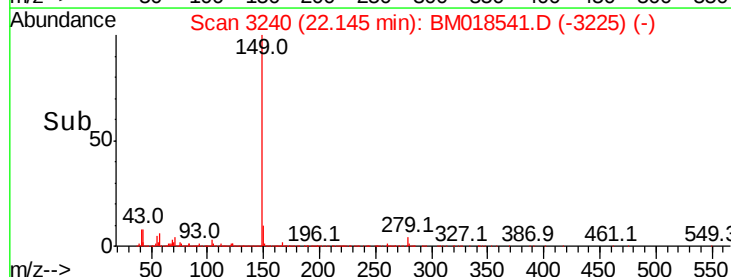
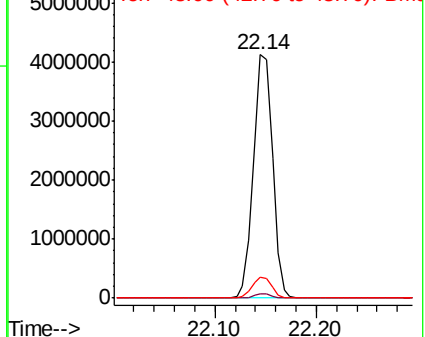
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	8.6	12.8

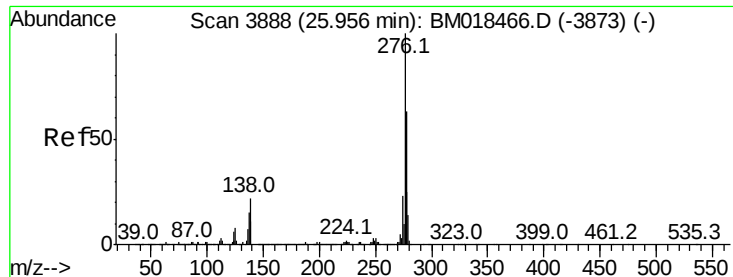


Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.188 ng

RT: 25.96 min Scan# 3888

Delta R.T. 0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

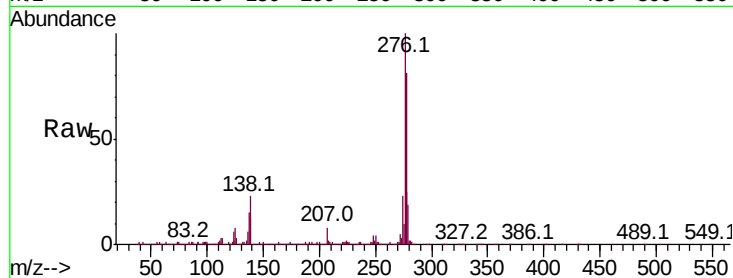
Tot Ion:276 Resp: 6446755

Ion	Ratio	Lower	Upper
276	100		
138	23.2	21.5	32.3
277	25.2	20.2	30.2

276 100

138 23.2 21.5 32.3

277 25.2 20.2 30.2

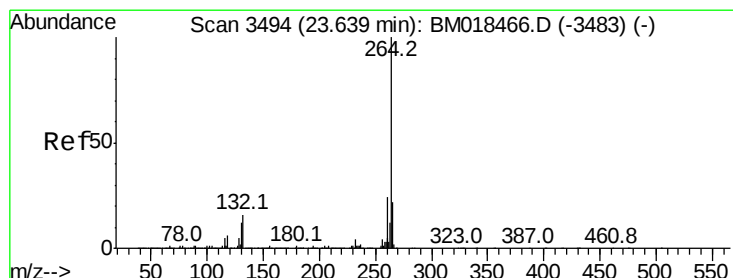
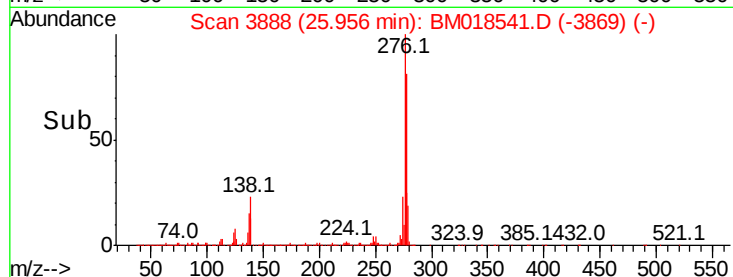
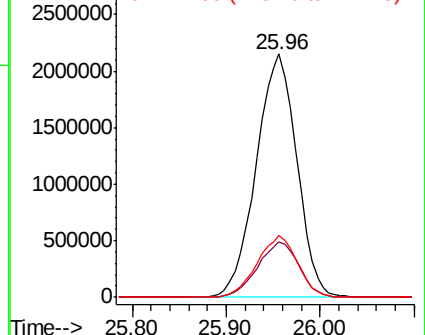


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

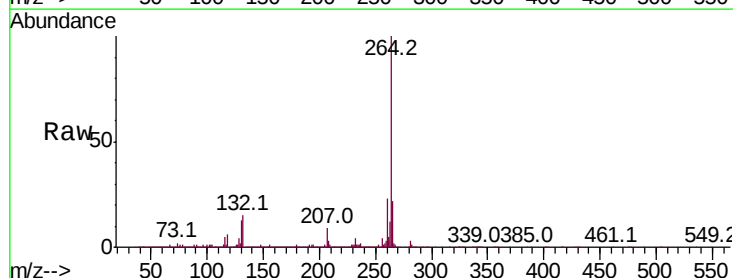
Tgt Ion:264 Resp: 3526880

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.5	16.8	25.2

264 100

260 22.9 18.9 28.3

265 21.5 16.8 25.2

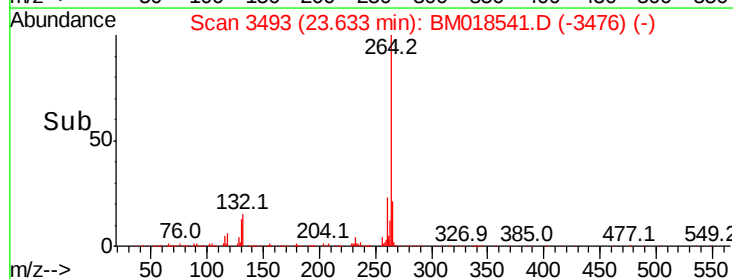
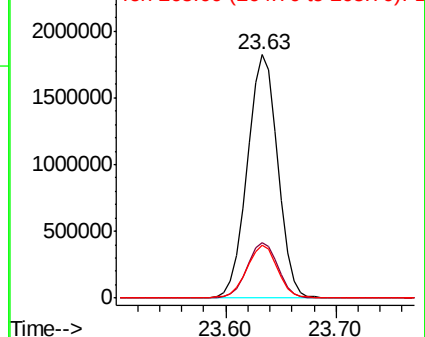


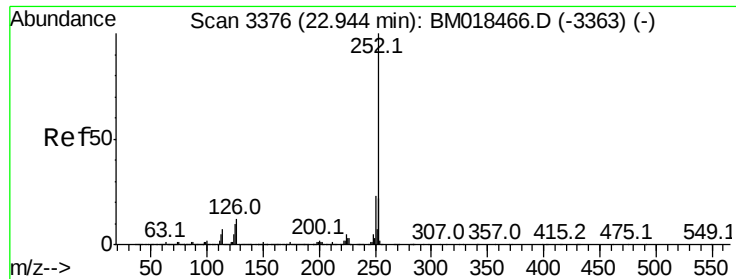
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 26.406 ng

RT: 22.94 min Scan# 3376

Delta R.T. 0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Instrument :

BNA_M

ClientSampleId :

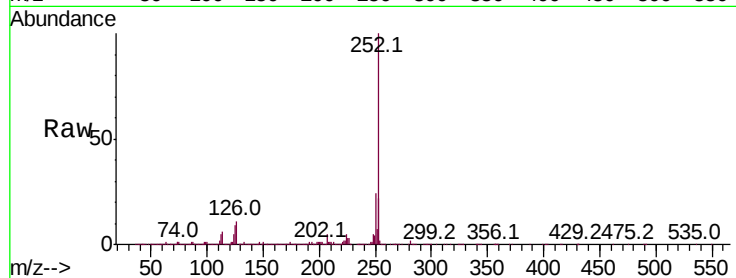
Tot Ion:252 Resp: 5287178

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 8.8 8.5 12.7

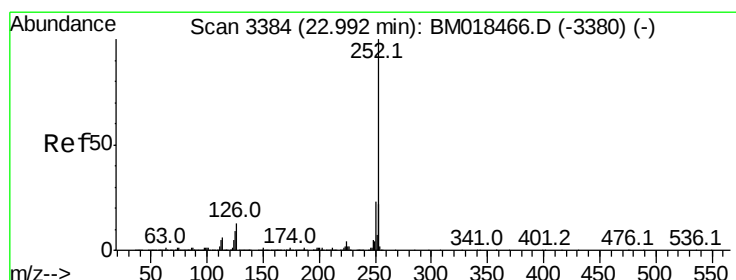
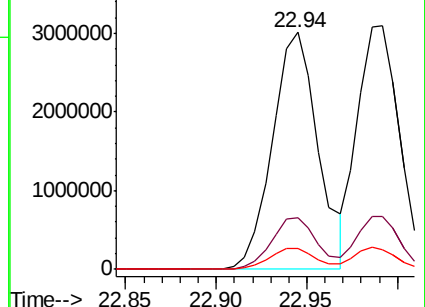
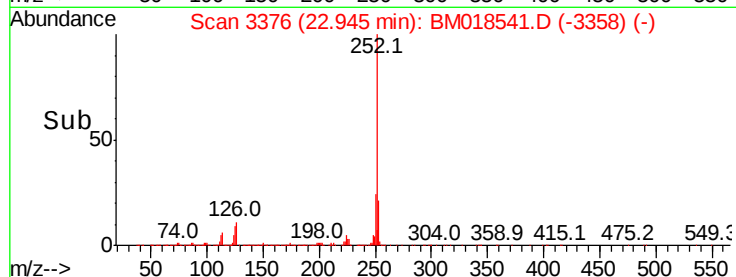


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 26.178 ng

RT: 22.94 min Scan# 3376

Delta R.T. -0.04 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

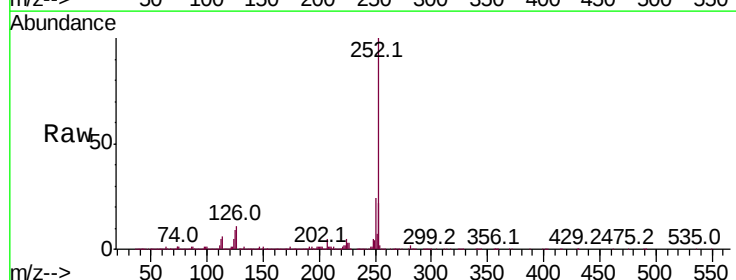
Tgt Ion:252 Resp: 5282359

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 8.8 8.6 12.8

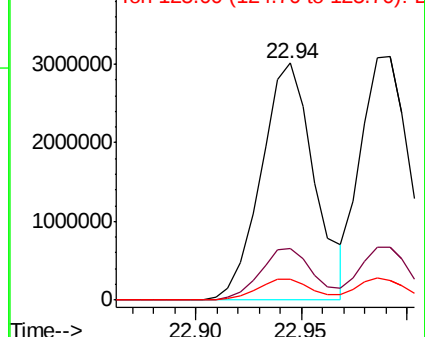
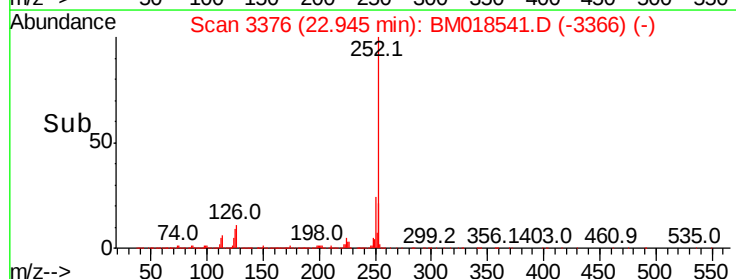


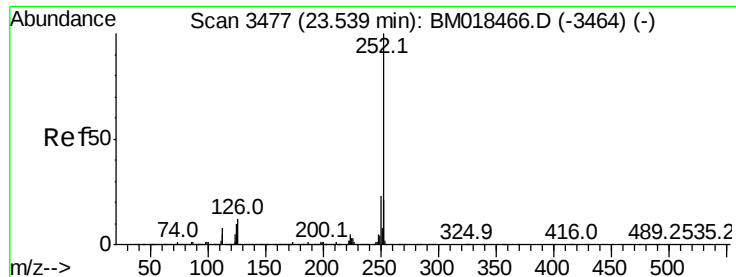
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 26.882 ng

RT: 23.53 min Scan# 3476

Delta R.T. 0.00 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

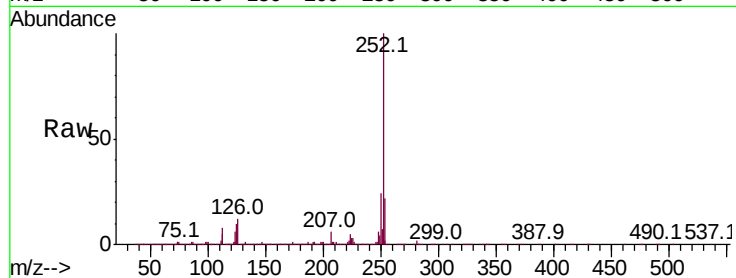
Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 5152987

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.2	9.7	14.5

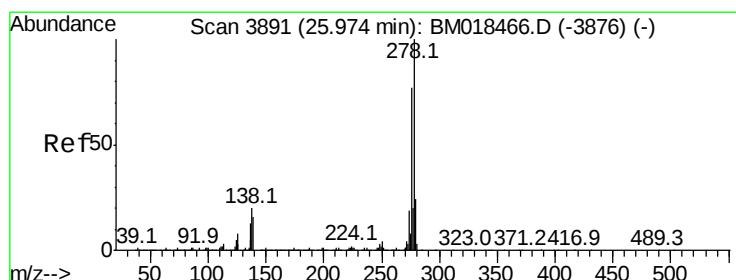
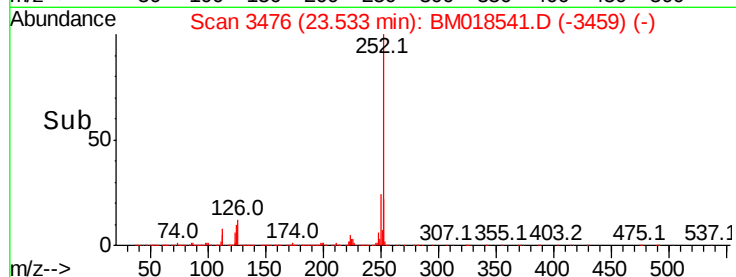
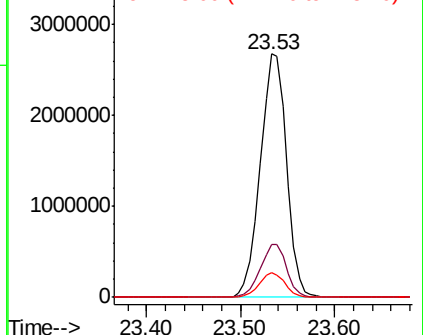


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 27.978 ng

RT: 25.97 min Scan# 3890

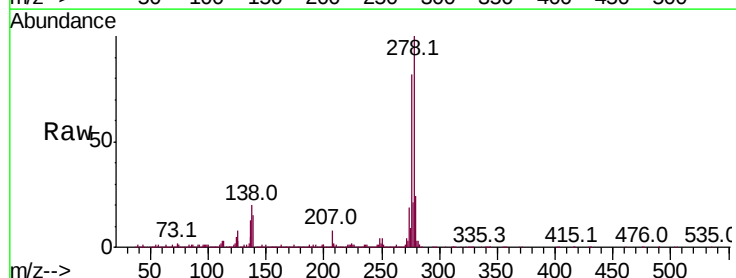
Delta R.T. 0.01 min

Lab File: BM018541.D

Acq: 11 Jan 2019 19:09

Tgt Ion:278 Resp: 5434187

Ion	Ratio	Lower	Upper
278	100		
139	14.7	13.2	19.8
279	24.1	19.0	28.4

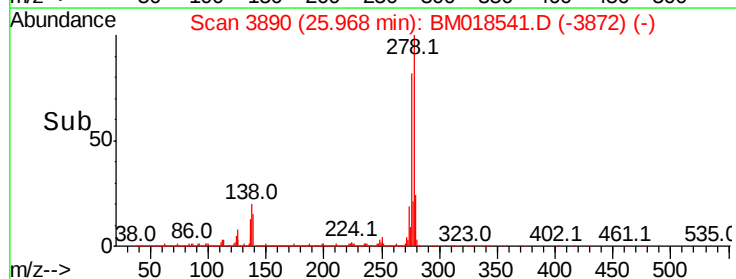
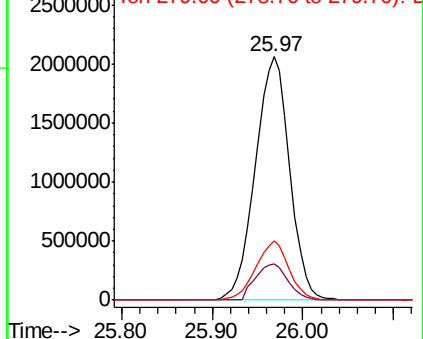


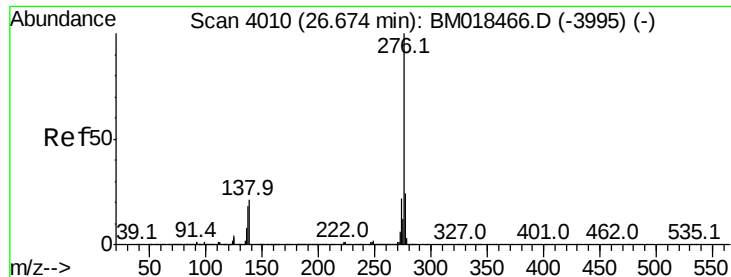
Abundance

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

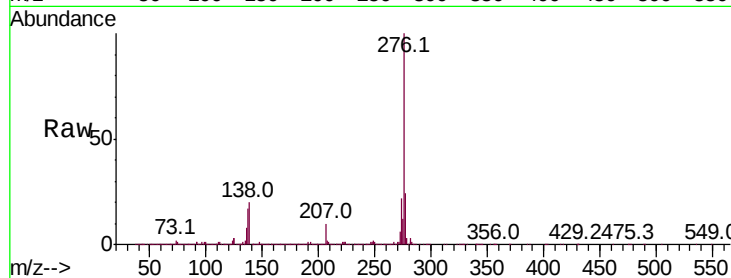




#92
 Benzo(a,h,i)perylene
 Concen: 28.367 ng
 RT: 26.67 min Scan# 4009
 Delta R.T. 0.01 min
 Lab File: BM018541.D
 Acq: 11 Jan 2019 19:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 5361664
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.0 28.4
 138 19.9 18.1 27.1



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

