

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011519\
 Data File : BM018573.D
 Acq On : 15 Jan 2019 22:29
 Operator : JU/SJ
 Sample : K1131-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Quant Time: Jan 16 00:08:00 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	7.75	152	241729	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	1028035	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	611663	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1483912	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1762481	20.00	ng	0.00
87) Perylene-d12	23.63	264	1919929	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1602560	122.41	ng	0.00
7) Phenol-d6	6.93	99	2139136	128.65	ng	0.00
23) Nitrobenzene-d5	8.92	82	1272705	71.77	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	984136	126.36	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3336899	71.19	ng	0.00
79) Terphenyl-d14	19.78	244	5768464	68.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	141552	26.529	ng	94
3) Pyridine	3.68	79	405126	30.455	ng	99
4) n-Nitrosodimethylamine	3.60	42	220781	40.136	ng	# 95
6) Aniline	7.09	93	272637	14.699	ng	99
8) 2-Chlorophenol	7.32	128	619432	40.514	ng	96
9) Benzaldehyde	6.90	77	165498	14.553	ng	96
10) Phenol	6.96	94	744531	44.065	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	477932	35.999	ng	95
12) 1,3-Dichlorobenzene	7.64	146	629354	34.564	ng	99
13) 1,4-Dichlorobenzene	7.79	146	646156	35.012	ng	99
14) 1,2-Dichlorobenzene	8.10	146	621976	35.543	ng	98
15) Benzyl Alcohol	8.00	79	508478	42.340	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.28	45	598484	35.275	ng	93
17) 2-Methylphenol	8.20	107	492008	42.899	ng	98
18) Hexachloroethane	8.82	117	227015	34.500	ng	96
19) n-Nitroso-di-n-propylamine	8.56	70	404031	37.339	ng	94
20) 3+4-Methylphenols	8.52	107	680409	42.975	ng	99
22) Acetophenone	8.58	105	843557	33.170	ng	# 97
24) Nitrobenzene	8.96	77	614851	35.238	ng	96
25) Isophorone	9.48	82	1130113	42.084	ng	97
26) 2-Nitrophenol	9.66	139	338548	40.126	ng	96
27) 2,4-Dimethylphenol	9.72	122	540524	42.742	ng	99
28) bis(2-Chloroethoxy)methane	9.96	93	689174	37.150	ng	100
29) 2,4-Dichlorophenol	10.19	162	616312	40.928	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	632423	33.836	ng	99
31) Naphthalene	10.59	128	1858123	37.530	ng	100
33) 4-Chloroaniline	10.72	127	214393	10.995	ng	99
34) Hexachlorobutadiene	10.86	225	380066	32.187	ng	98
35) Caprolactam	11.52	113	190569	37.222	ng	# 84
36) 4-Chloro-3-methylphenol	11.84	107	656152	41.533	ng	99
37) 2-Methylnaphthalene	12.21	142	1414225	40.429	ng	99
38) 1-Methylnaphthalene	12.43	142	1342056	39.651	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	733184	34.278	ng	99
41) Hexachlorocyclopentadiene	12.55	237	802886	68.393	ng	100

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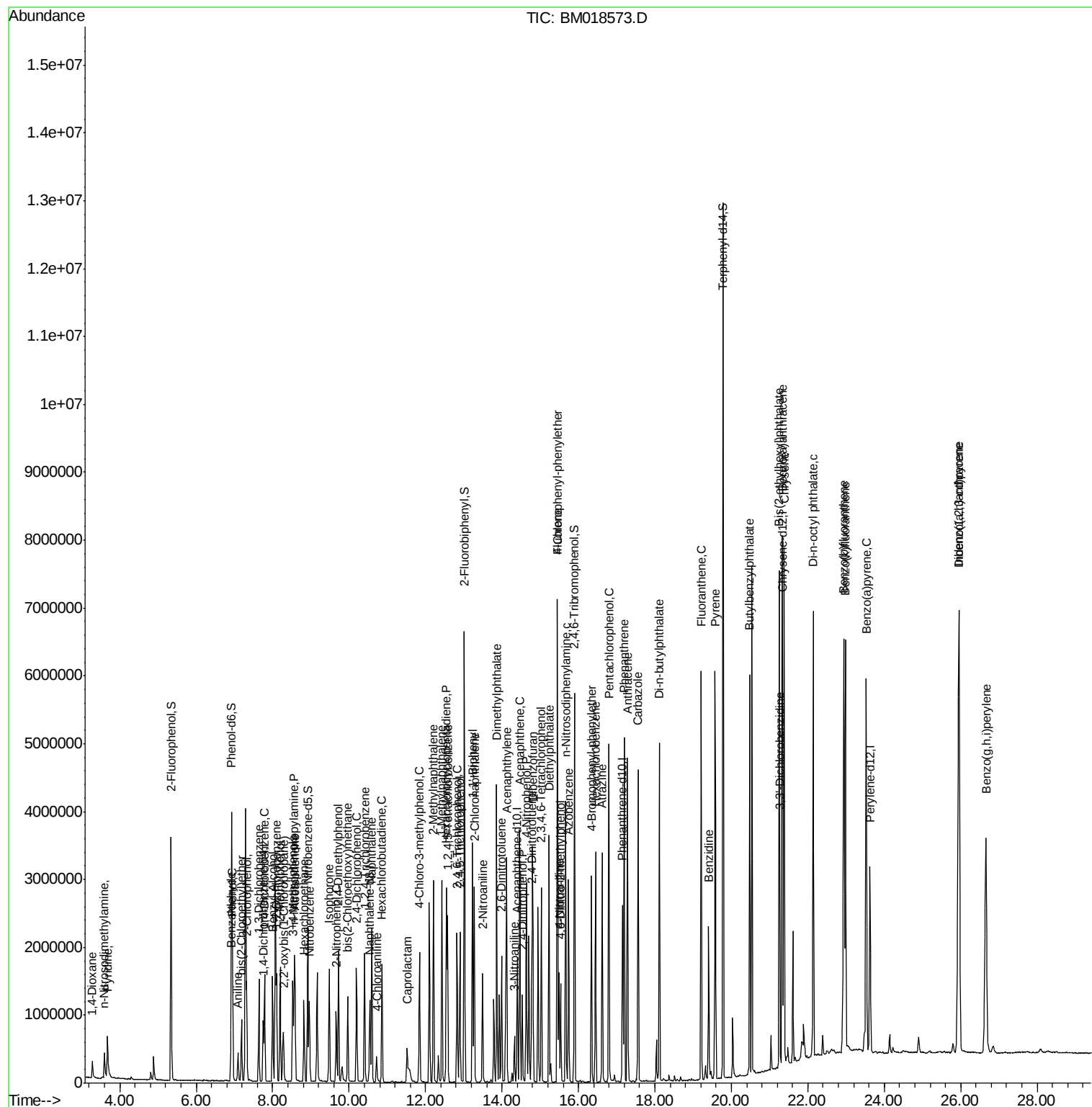
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.82	196	518369	39.908	ng	99
44) 2,4,5-Trichlorophenol	12.90	196	568897	41.645	ng	98
46) 1,1'-Biphenyl	13.23	154	1813389	33.954	ng	99
47) 2-Chloronaphthalene	13.27	162	1421692	34.328	ng	99
48) 2-Nitroaniline	13.49	65	401821	39.436	ng	91
49) Acenaphthylene	14.12	152	2368575	39.244	ng	99
50) Dimethylphthalate	13.86	163	2861644	56.966	ng	99
51) 2,6-Dinitrotoluene	13.99	165	422129	39.671	ng	90
52) Acenaphthene	14.46	154	1339802	36.281	ng	98
53) 3-Nitroaniline	14.32	138	174246	16.243	ng	98
54) 2,4-Dinitrophenol	14.53	184	277271	51.003	ng	91
55) Dibenzofuran	14.80	168	2199666	36.050	ng	100
56) 4-Nitrophenol	14.64	139	783334	84.524	ng	94
57) 2,4-Dinitrotoluene	14.78	165	603715	40.099	ng	98
58) Fluorene	15.45	166	1822734	40.101	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	530092	43.778	ng	96
60) Diethylphthalate	15.23	149	1938498	38.225	ng	99
61) 4-Chlorophenyl-phenylether	15.44	204	918172	35.049	ng	99
62) 4-Nitroaniline	15.49	138	416612	35.604	ng	99
63) Azobenzene	15.74	77	1527833	36.952	ng	97
65) 4,6-Dinitro-2-methylphenol	15.53	198	311209	34.599	ng	91
66) n-Nitrosodiphenylamine	15.67	169	1625480	35.313	ng	99
67) 4-Bromophenyl-phenylether	16.34	248	566701	34.127	ng	97
68) Hexachlorobenzene	16.44	284	635908	34.207	ng	98
69) Atrazine	16.62	200	628594	37.775	ng	98
70) Pentachlorophenol	16.80	266	864978	71.045	ng	100
71) Phenanthrene	17.19	178	2989409	37.875	ng	99
72) Anthracene	17.29	178	3038243	40.030	ng	100
73) Carbazole	17.56	167	2864254	36.732	ng	99
74) Di-n-butylphthalate	18.12	149	3420214	40.042	ng	100
75) Fluoranthene	19.22	202	3701869	40.680	ng	97
77) Benzidine	19.41	184	1242858	28.559	ng	100
78) Pyrene	19.58	202	3813415	36.502	ng	100
80) Butylbenzylphthalate	20.48	149	1732873	38.872	ng	96
81) Benzo(a)anthracene	21.33	228	4013001	38.650	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	728383	18.551	ng	100
83) Chrysene	21.38	228	3788071	37.781	ng	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2480138	38.528	ng	99
85) Di-n-octyl phthalate	22.14	149	4484047	41.416	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.94	276	4963361	42.930	ng	96
88) Benzo(b)fluoranthene	22.94	252	4389379	40.270	ng	99
89) Benzo(k)fluoranthene	22.99	252	4047496	36.847	ng	98
90) Benzo(a)pyrene	23.53	252	4162997	39.894	ng	98
91) Dibenzo(a,h)anthracene	25.96	278	4180310	39.536	ng	98
92) Benzo(g,h,i)perylene	26.66	276	4098769	39.836	ng	97

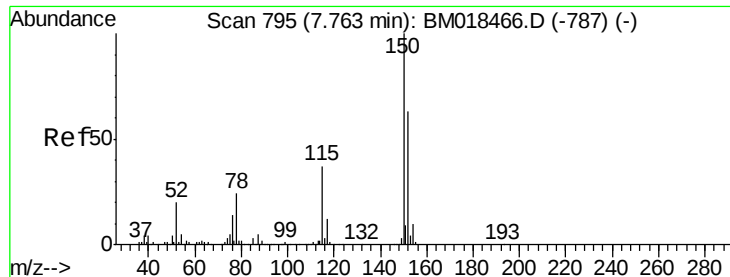
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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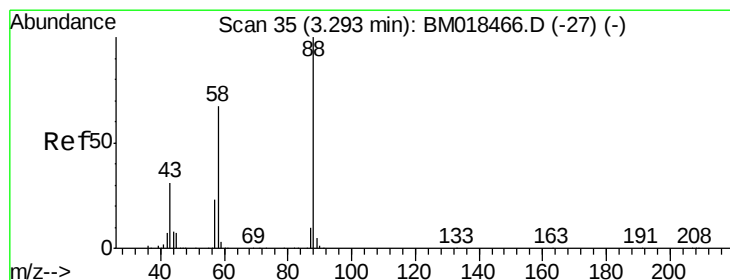
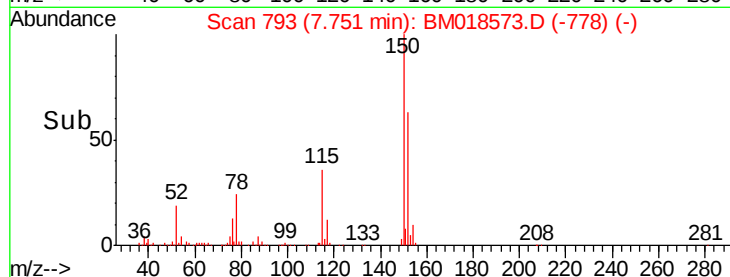
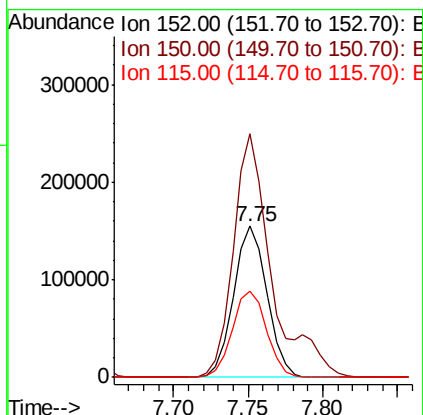
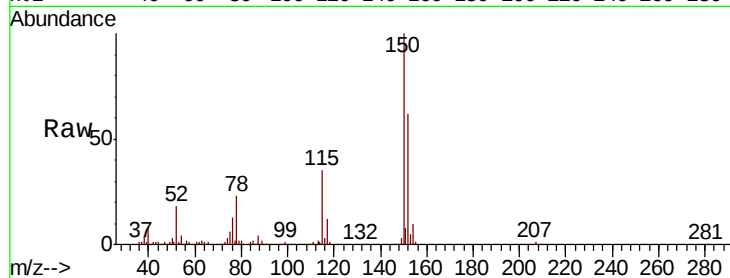


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

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ClientSampleId :
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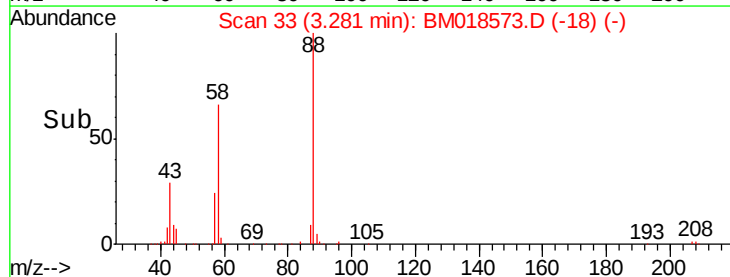
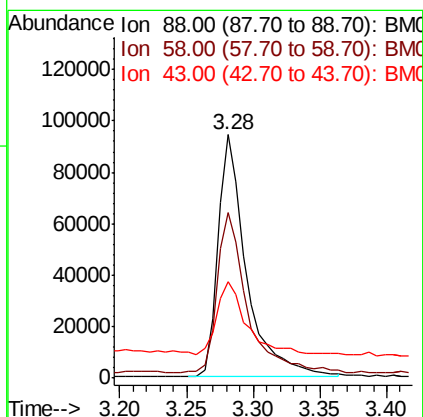
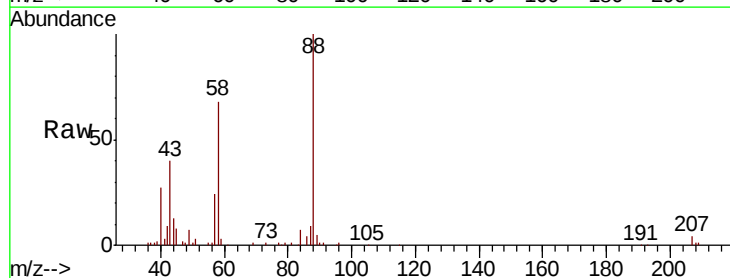
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.9	190.3
115	56.7	45.5	68.3

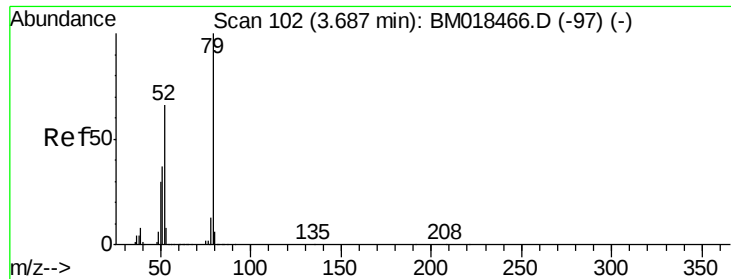


#2

1,4-Dioxane
Concen: 26.529 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	58.4	87.6
43	30.6	26.2	39.4





#3

Pyridine

Concen: 30.455 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

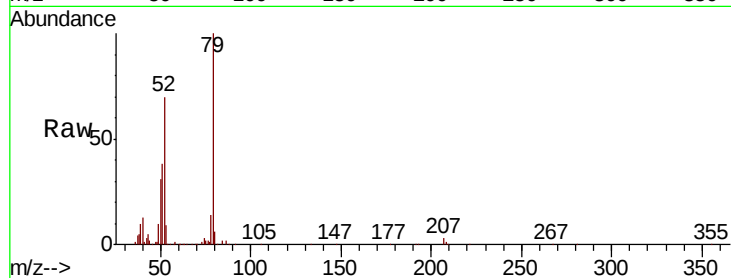
Tgt Ion: 79 Resp: 405126

Ion Ratio Lower Upper

79 100

52 69.8 56.4 84.6

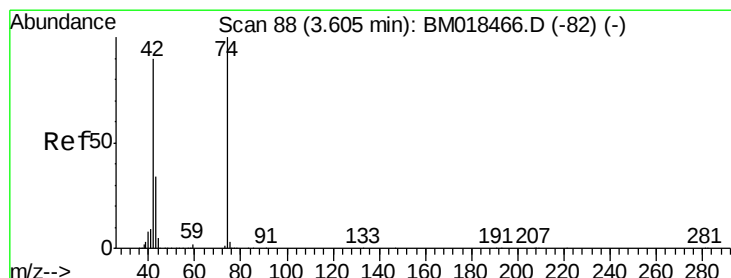
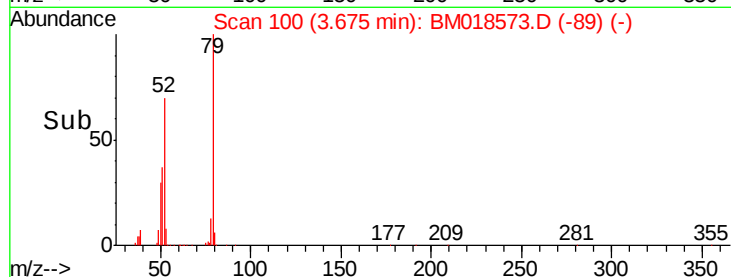
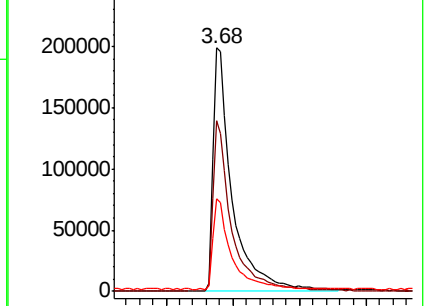
51 37.8 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 40.136 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

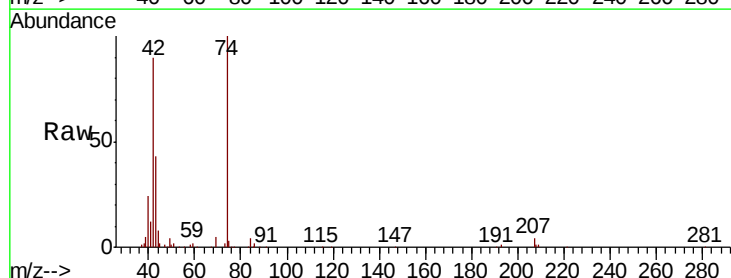
Tgt Ion: 42 Resp: 220781

Ion Ratio Lower Upper

42 100

74 111.4 88.6 132.8

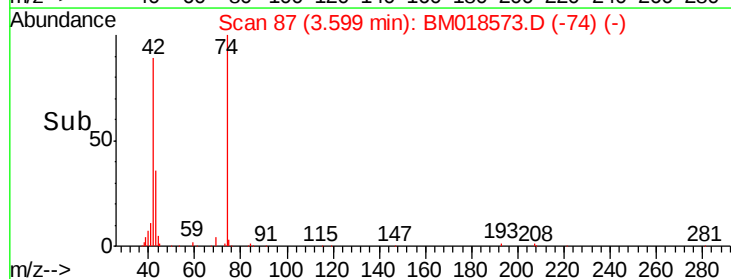
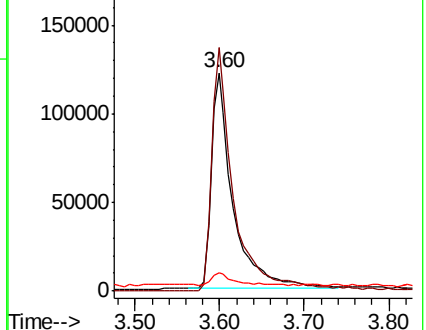
44 8.4 16.9 25.3#

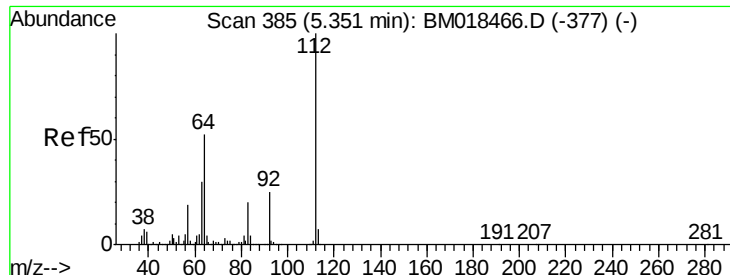


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)





#5

2-Fluorophenol

Concen: 122.415 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018573.D

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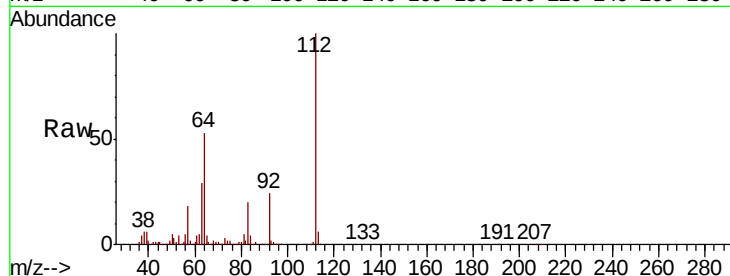
Tgt Ion: 112 Resp: 1602560

Ion Ratio Lower Upper

112 100

64 52.5 46.5 69.7

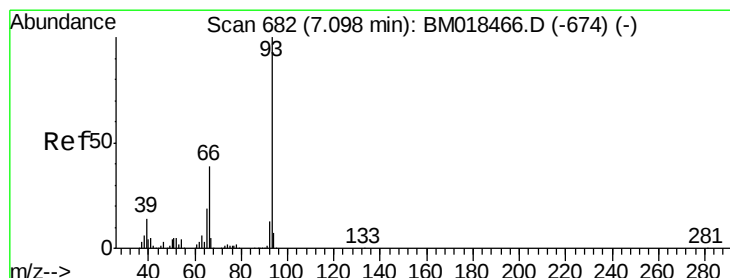
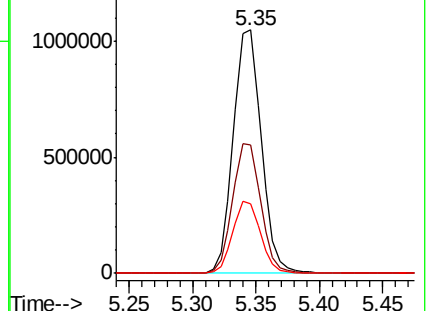
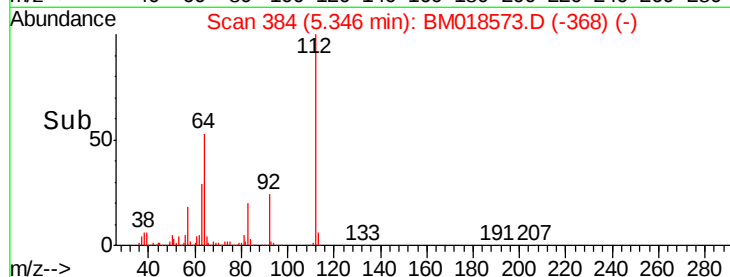
63 28.7 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 14.699 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

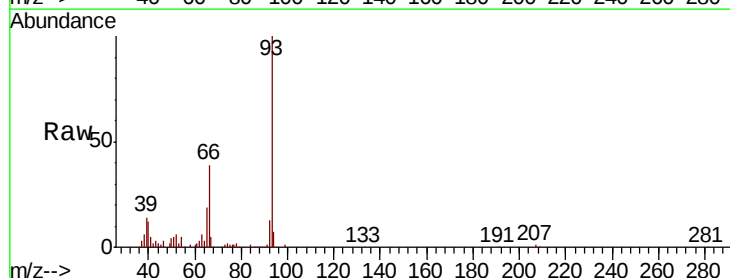
Tgt Ion: 93 Resp: 272637

Ion Ratio Lower Upper

93 100

66 38.8 31.7 47.5

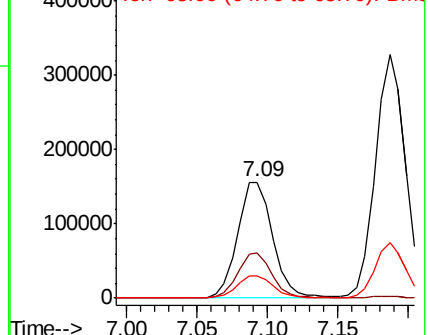
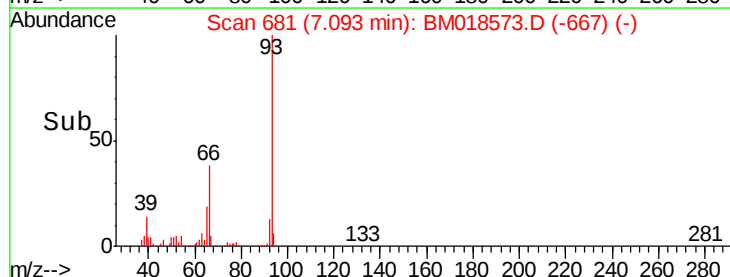
65 19.4 15.9 23.9

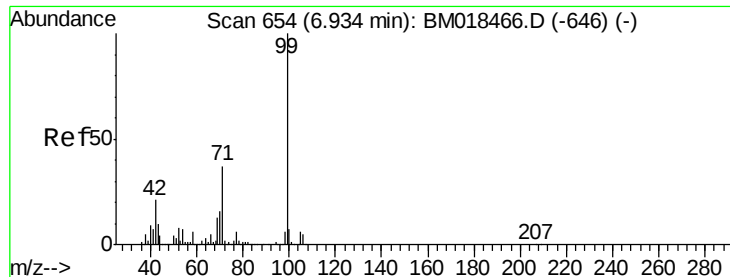


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 128.651 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

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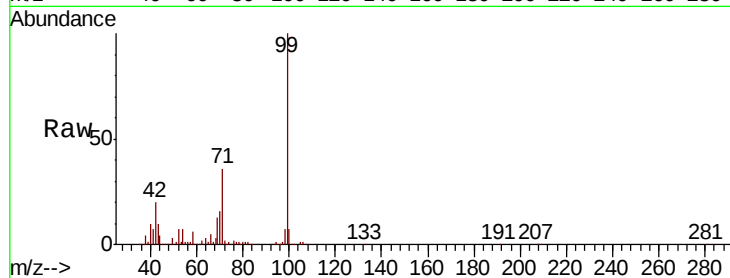
Tgt Ion: 99 Resp: 2139136

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

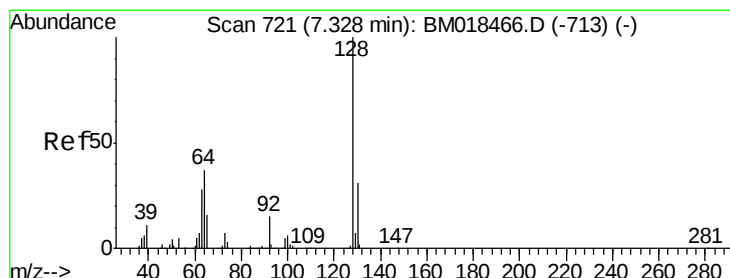
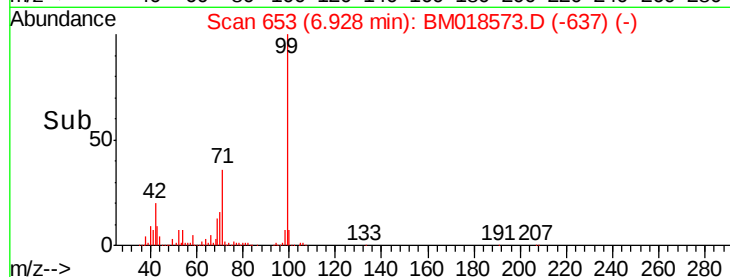
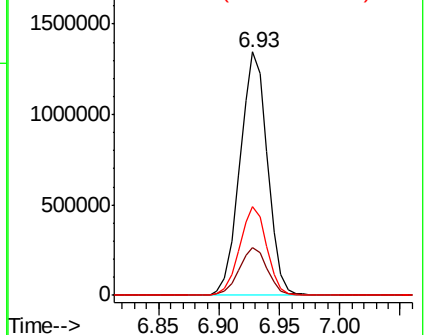
71 36.3 28.0 42.0



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: 40.514 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

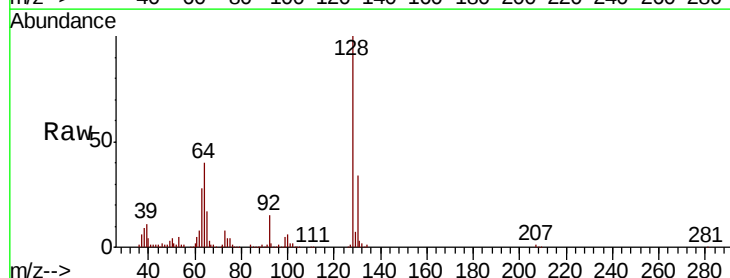
Tgt Ion: 128 Resp: 619432

Ion Ratio Lower Upper

128 100

130 33.8 13.6 53.6

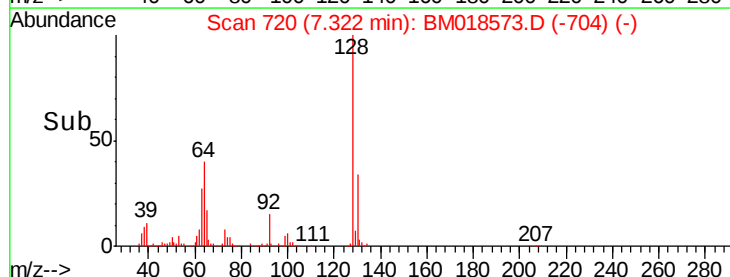
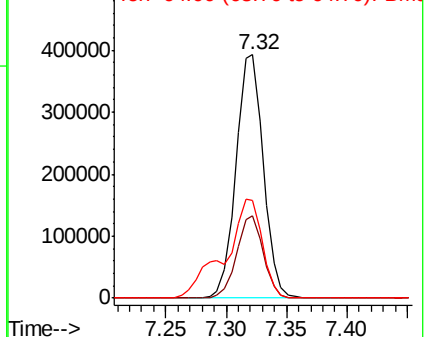
64 39.9 24.8 64.8

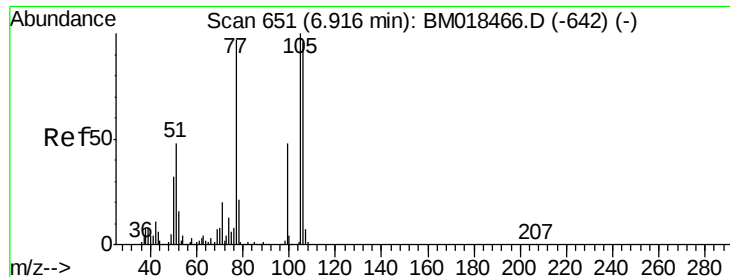


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

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: 14.553 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

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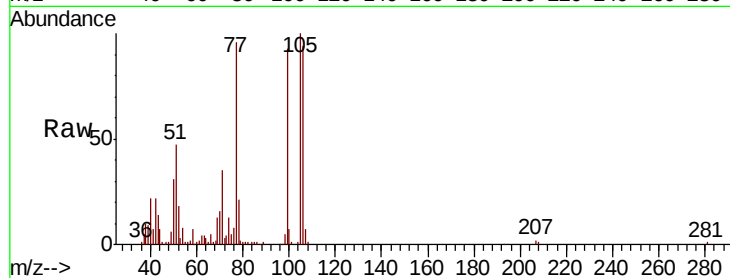
Tgt Ion: 77 Resp: 165498

Ion Ratio Lower Upper

77 100

105 104.2 79.7 119.7

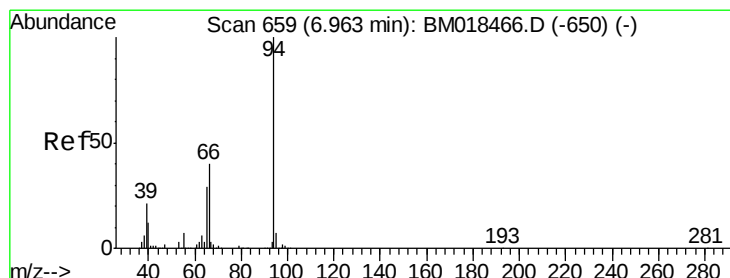
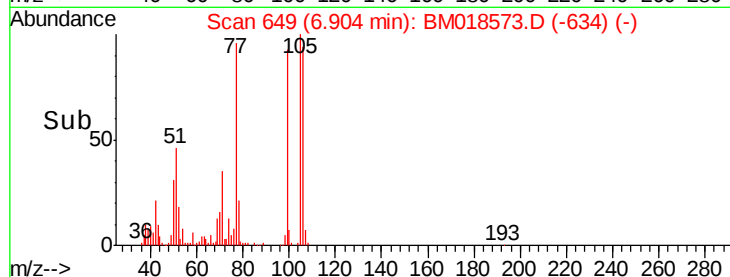
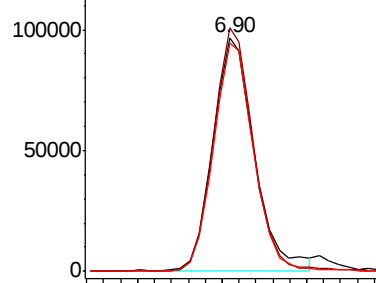
106 97.6 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018466.D (-642) (-)



#10

Phenol

Concen: 44.065 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

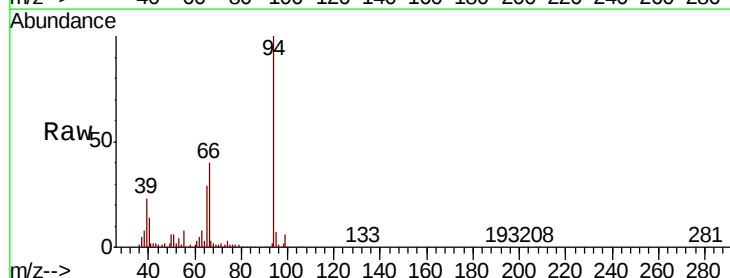
Tgt Ion: 94 Resp: 744531

Ion Ratio Lower Upper

94 100

65 28.6 9.4 49.4

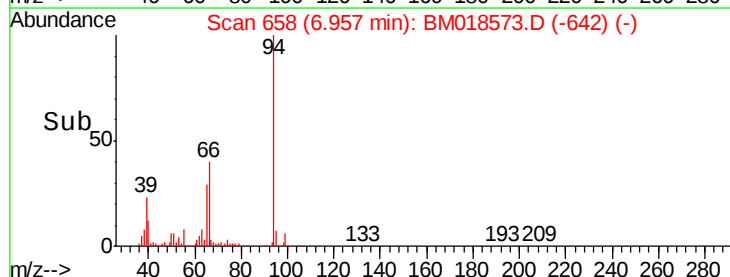
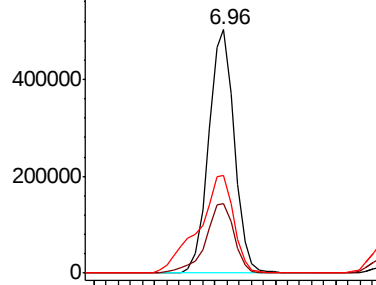
66 40.3 19.1 59.1

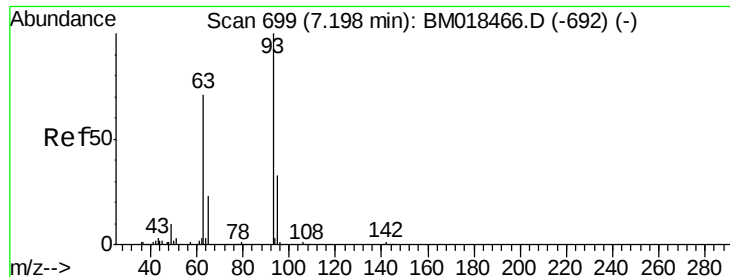


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

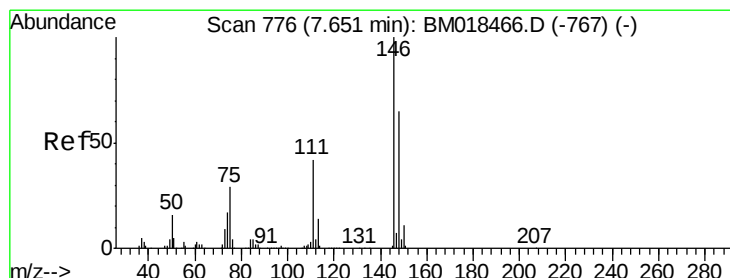
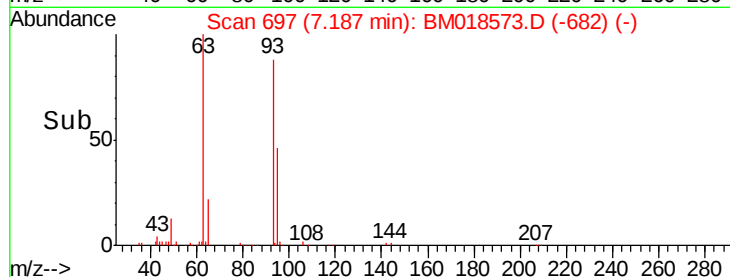
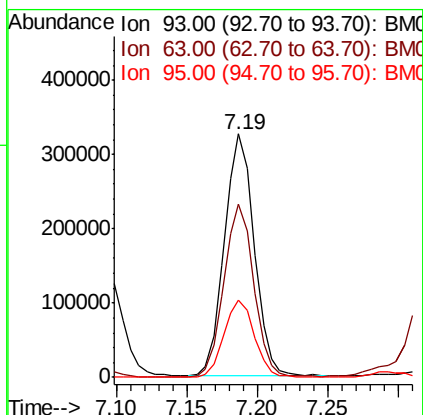
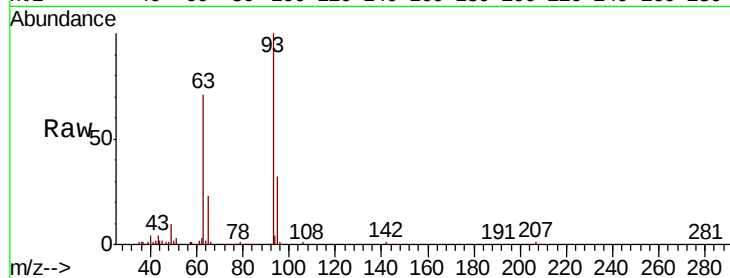




#11
bis(2-Chloroethyl)ether
Concen: 35.999 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

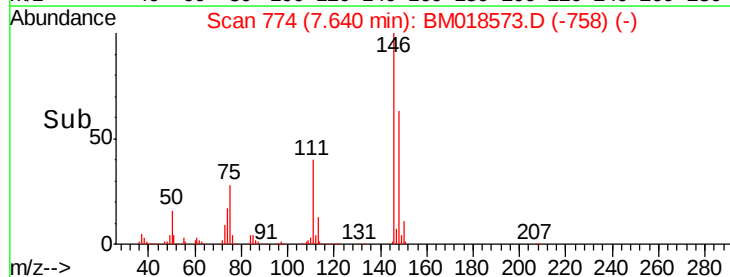
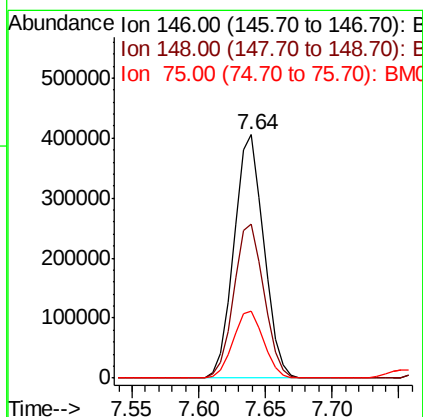
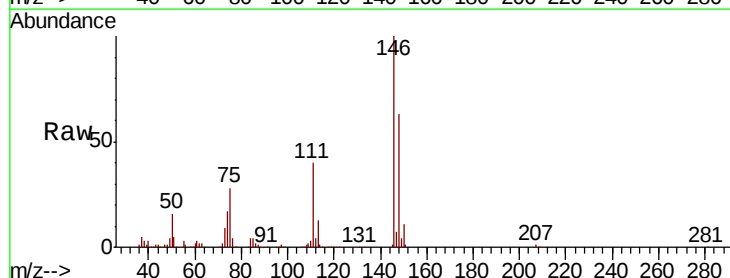
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

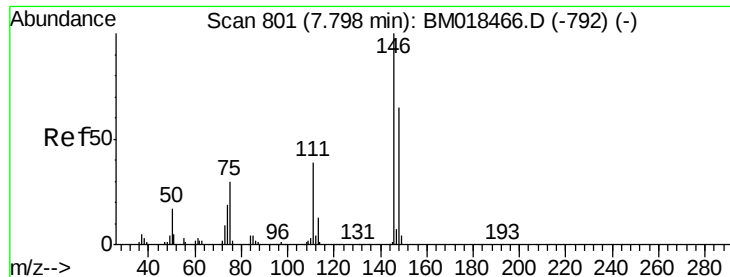
Tgt Ion: 93 Resp: 477932
Ion Ratio Lower Upper
93 100
63 71.3 56.4 96.4
95 31.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 34.564 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion: 146 Resp: 629354
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 27.7 23.0 34.6

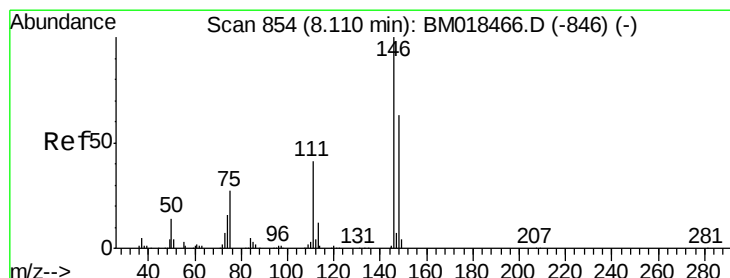
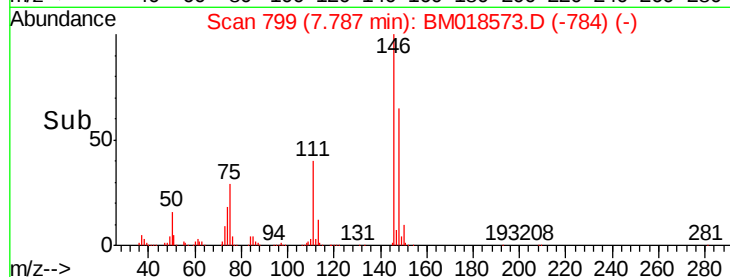
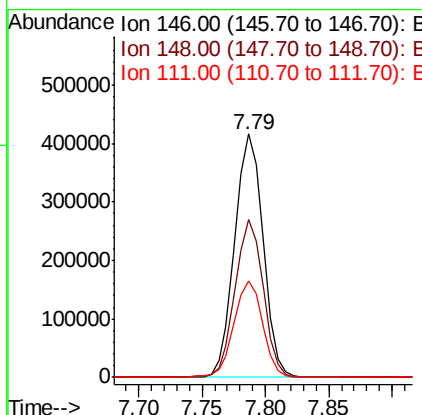
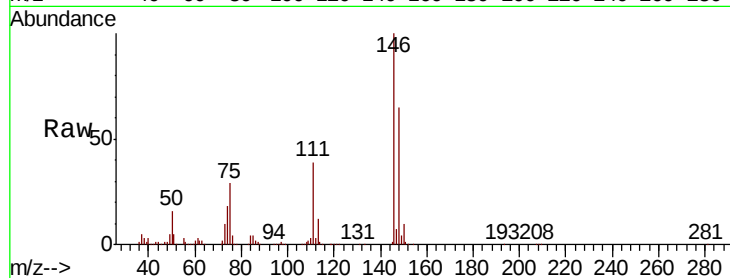




#13
 1,4-Dichlorobenzene
 Concen: 35.012 ng
 RT: 7.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

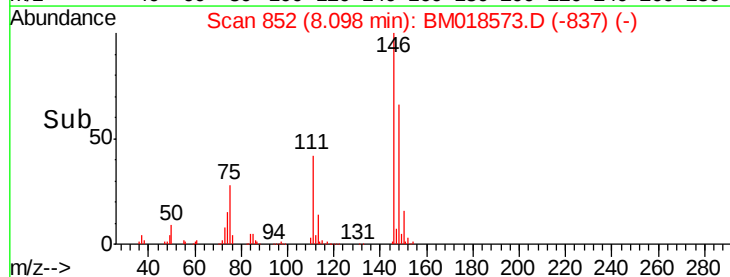
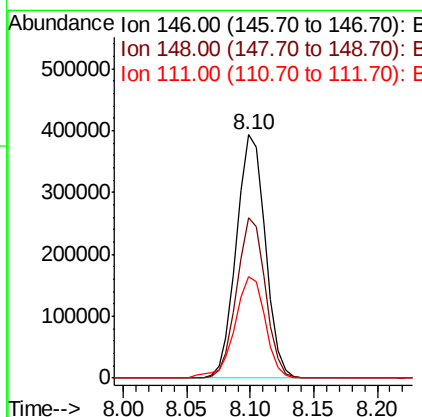
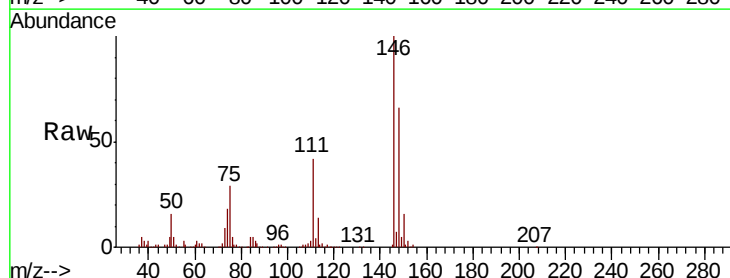
Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

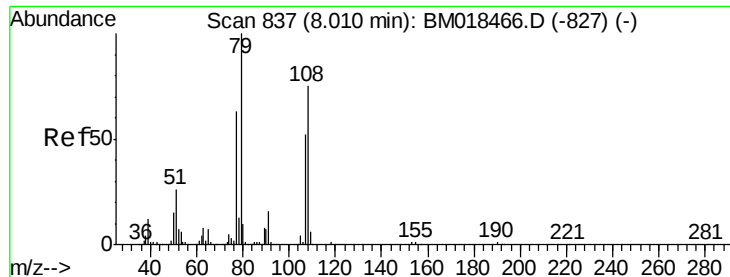
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	39.5	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 35.543 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.0	76.6
111	41.8	33.8	50.6





#15

Benzyl Alcohol

Concen: 42.340 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

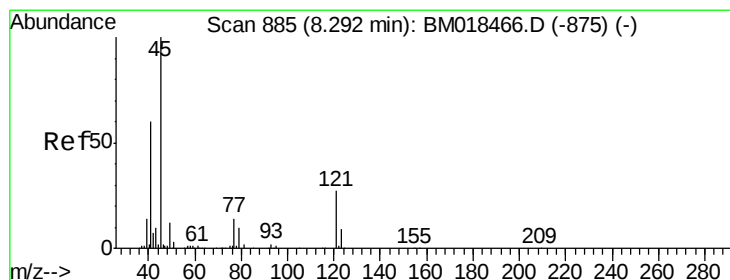
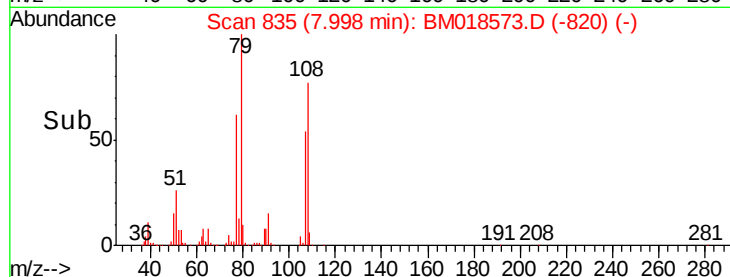
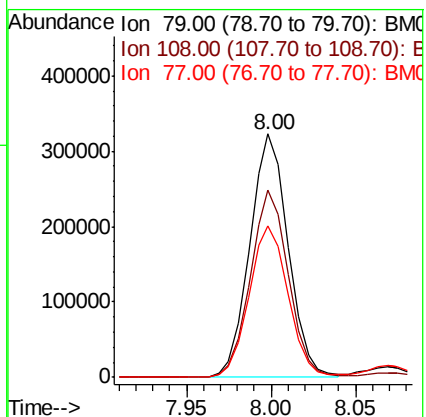
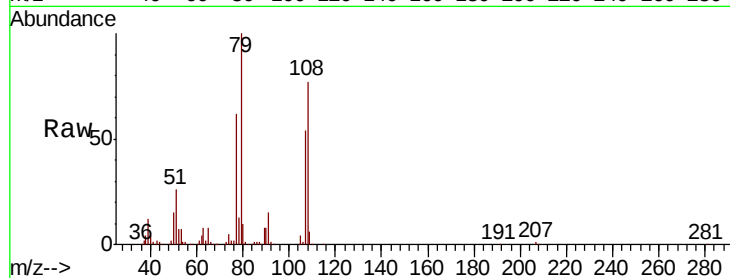
Tgt Ion: 79 Resp: 508478

Ion Ratio Lower Upper

79 100

108 77.2 60.4 90.6

77 62.3 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.275 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

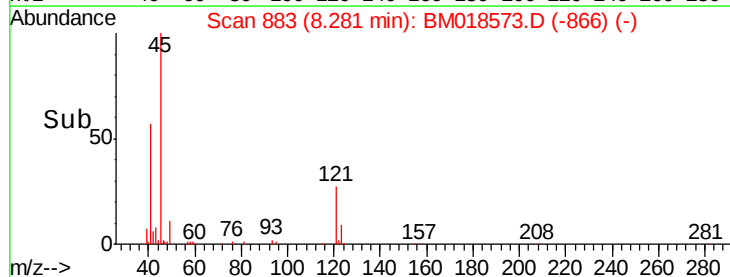
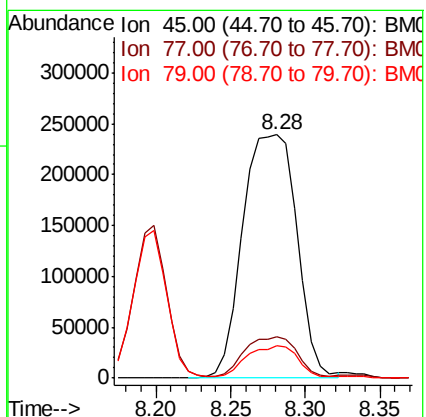
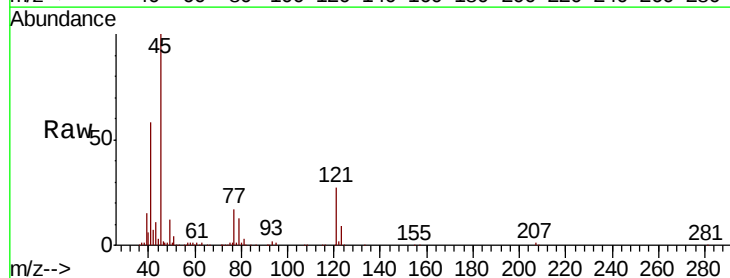
Tgt Ion: 45 Resp: 598484

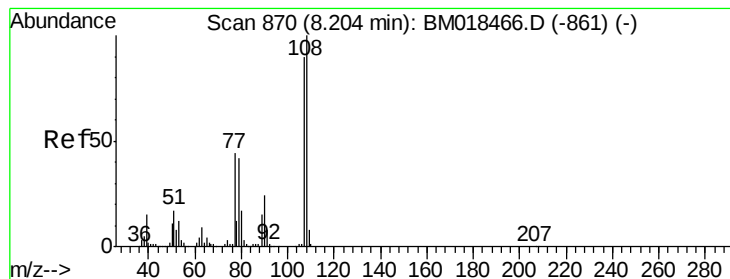
Ion Ratio Lower Upper

45 100

77 16.8 0.0 33.4

79 13.1 0.0 31.1

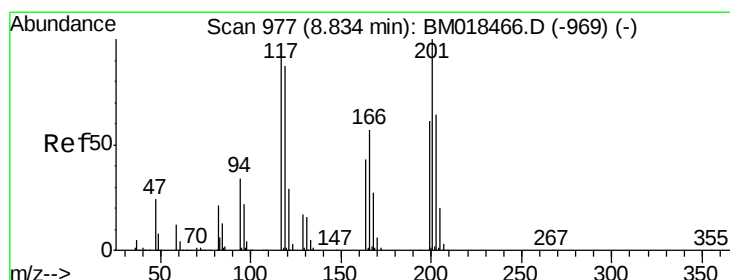
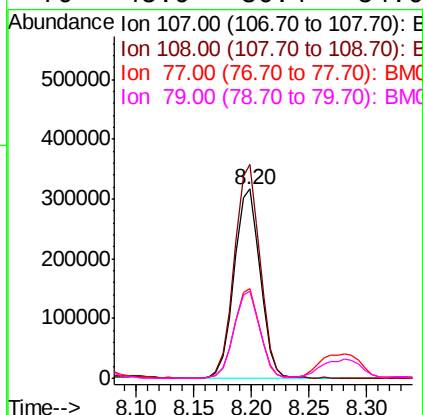
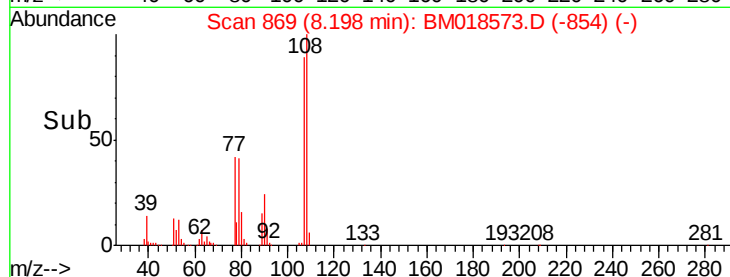
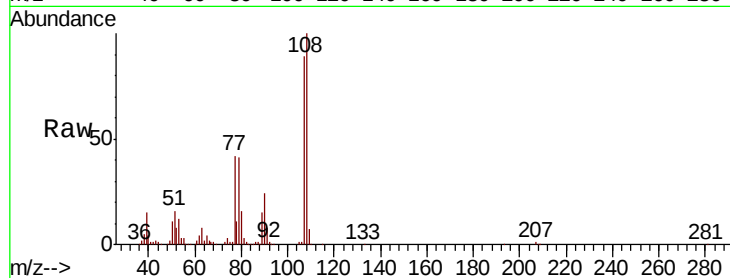




#17
2-Methylphenol
Concen: 42.899 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

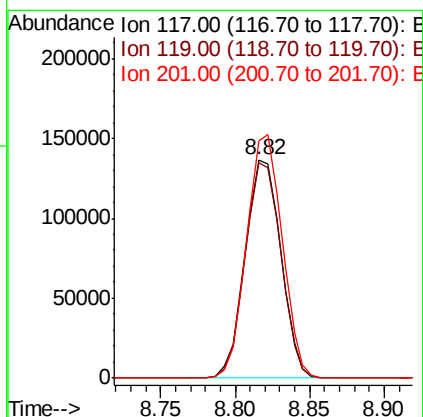
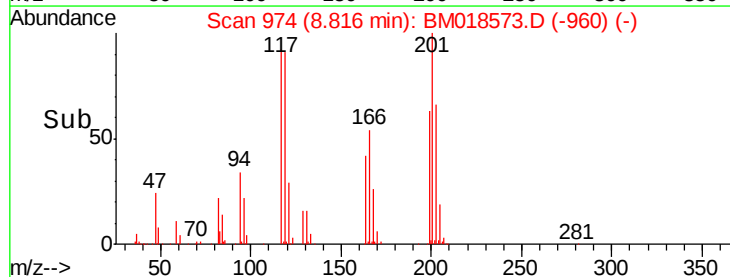
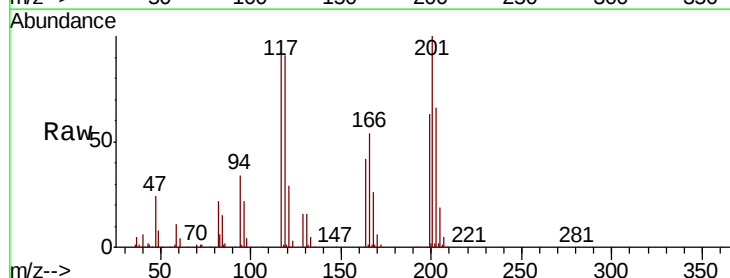
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

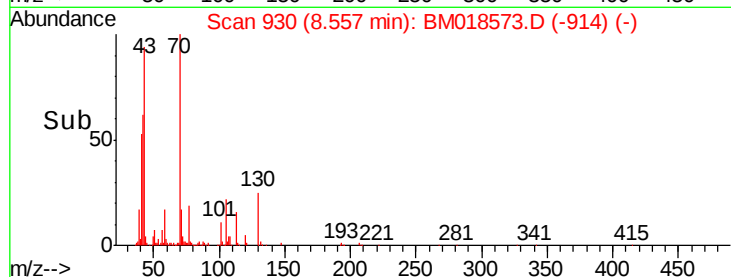
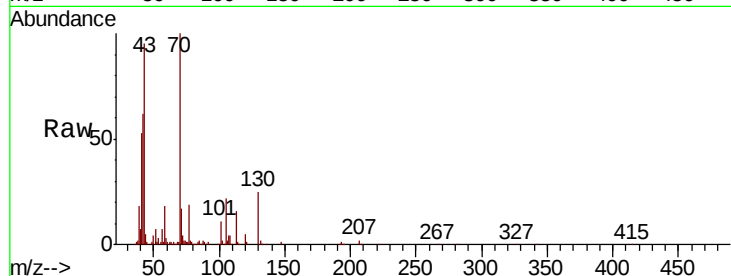
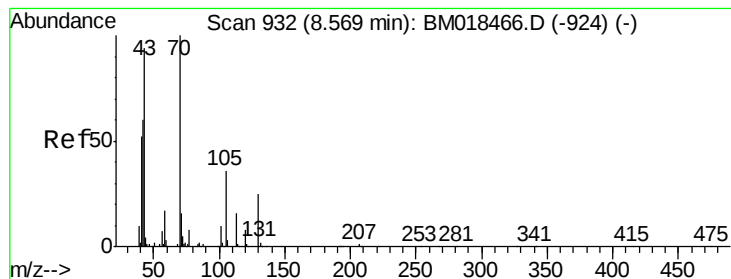
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.9	87.5	131.3
77	47.4	37.3	55.9
79	45.9	36.4	54.6



#18
Hexachloroethane
Concen: 34.500 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.02 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.3	117.5
201	108.7	81.4	122.0





#19

n-Nitroso-di-n-propylamine

Concen: 37.339 ng

RT: 8.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tgt Ion: 70 Resp: 404031

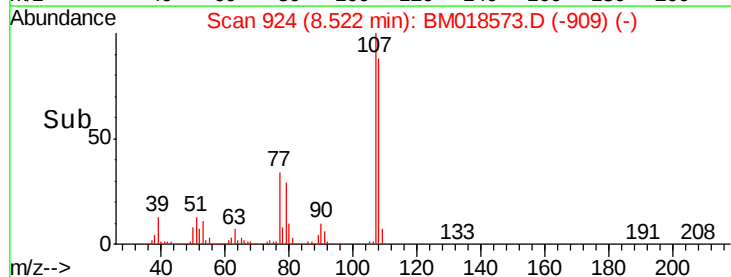
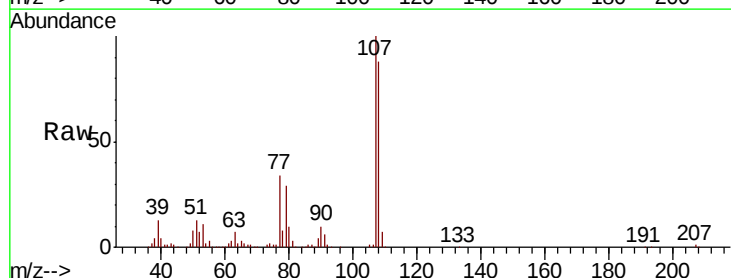
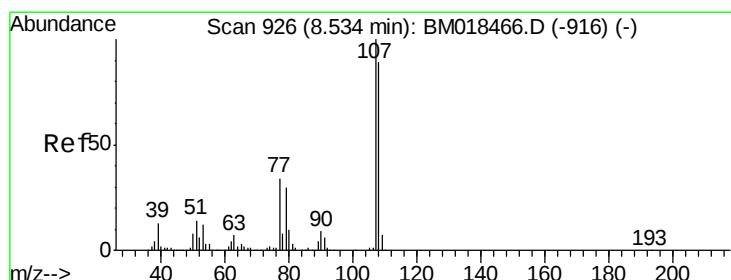
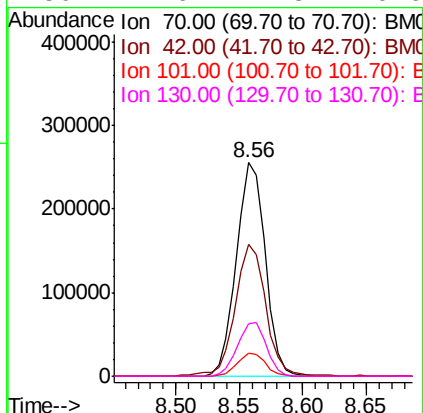
Ion Ratio Lower Upper

70 100

42 61.9 54.0 81.0

101 10.8 8.1 12.1

130 24.6 17.8 26.6



#20

3+4-Methylphenols

Concen: 42.975 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Tgt Ion: 107 Resp: 680409

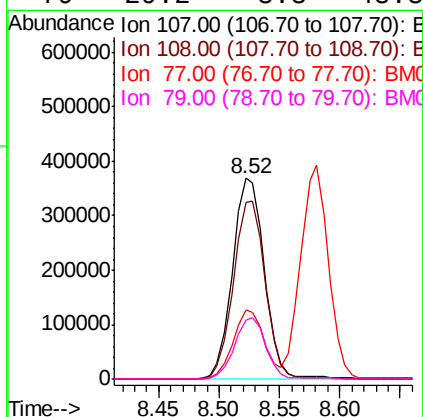
Ion Ratio Lower Upper

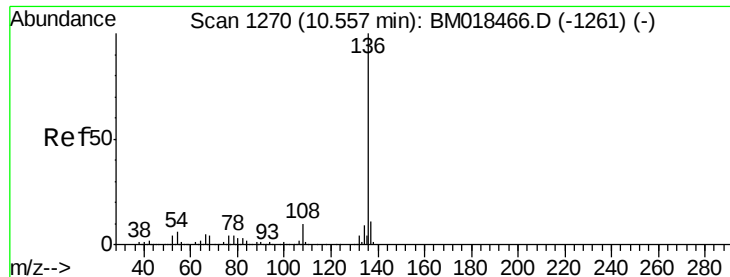
107 100

108 88.2 66.8 106.8

77 34.2 13.3 53.3

79 29.2 8.8 48.8

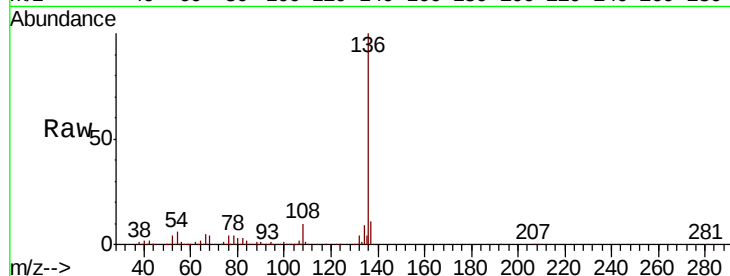




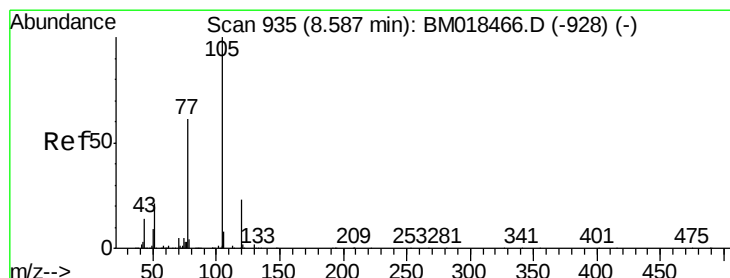
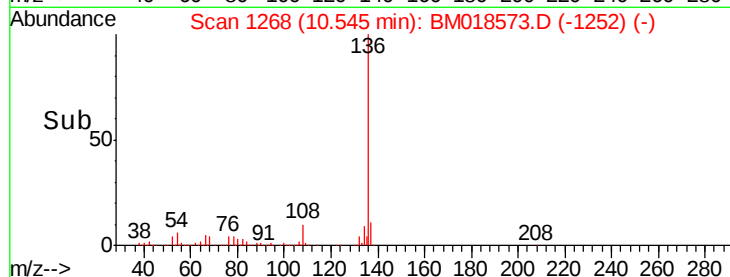
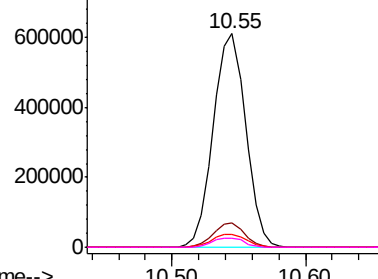
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tgt Ion:	136	Resp:	1028035
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.0	6.0	9.0#
68	4.2	4.5	6.7#

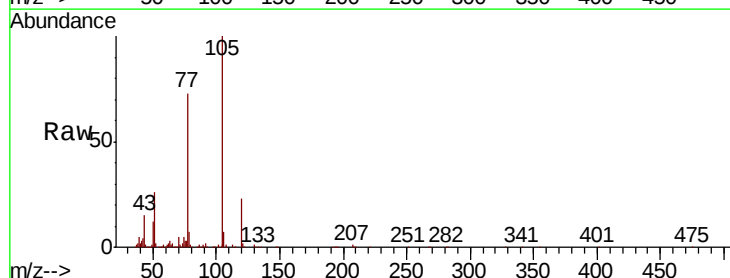


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

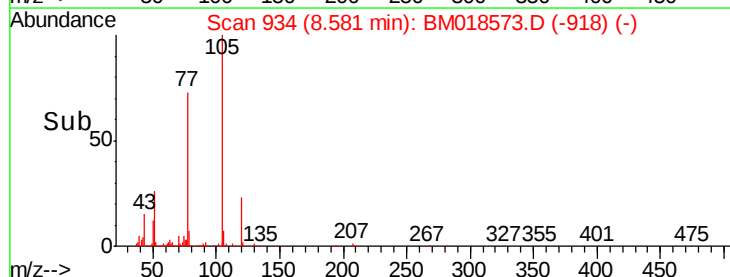
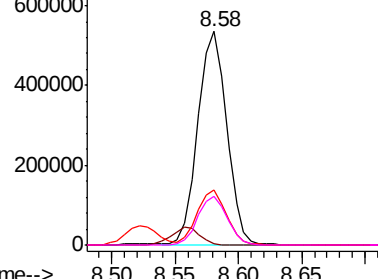


#22
Acetophenone
Concen: 33.170 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion:	105	Resp:	843557
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.7	2.5#
51	25.9	22.6	34.0
120	22.8	18.3	27.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

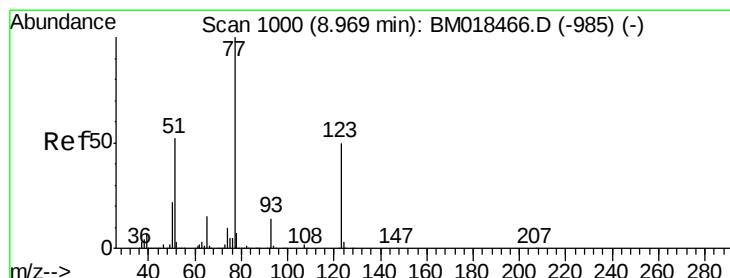
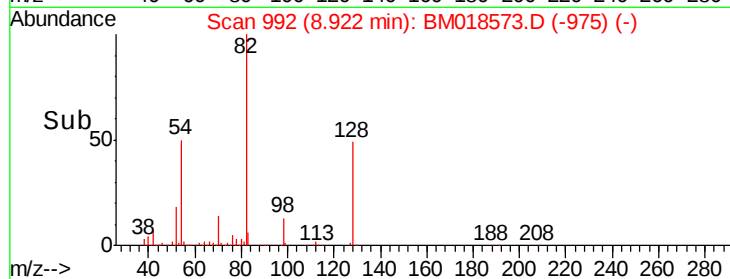
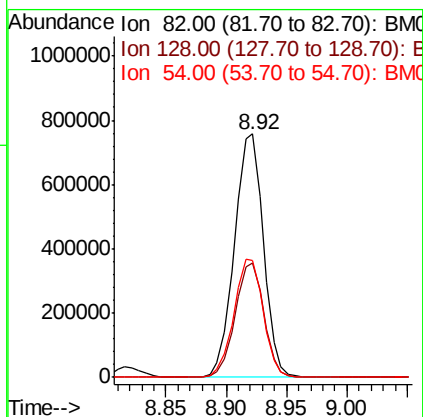
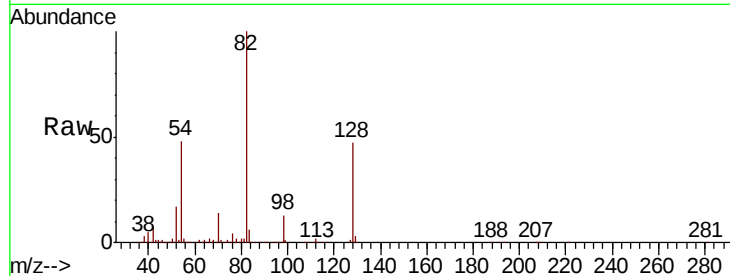




#23
 Nitrobenzene-d5
 Concen: 71.768 ng
 RT: 8.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

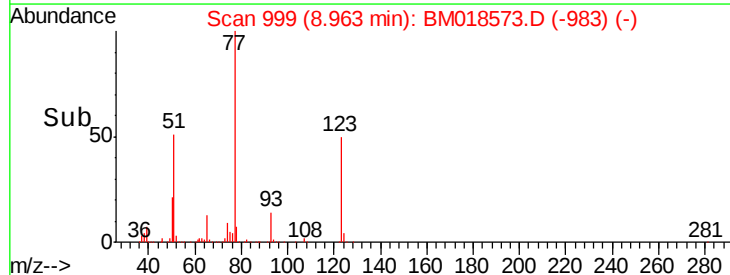
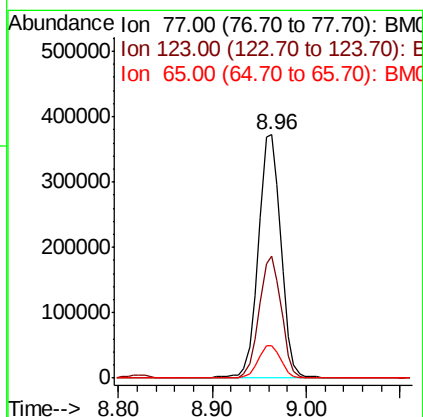
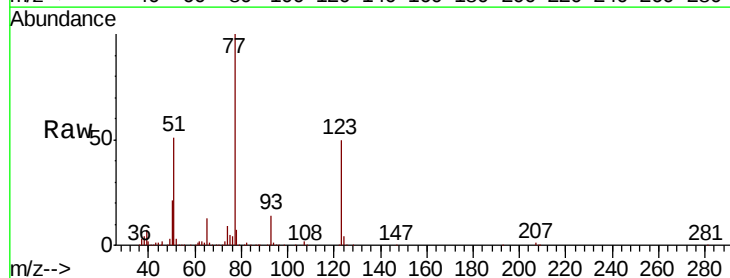
Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

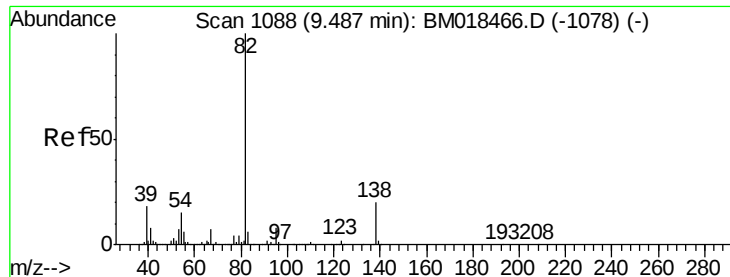
Tgt Ion: 82 Resp: 1272705
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.3 54.5
 54 48.1 41.7 62.5



#24
 Nitrobenzene
 Concen: 35.238 ng
 RT: 8.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion: 77 Resp: 614851
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.7 56.5
 65 13.4 11.0 16.6

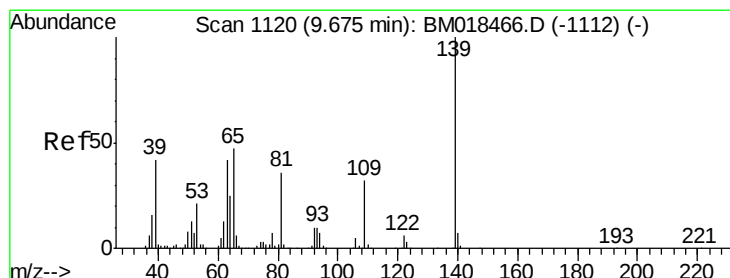
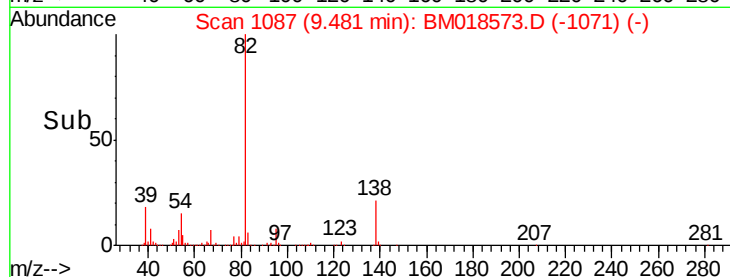
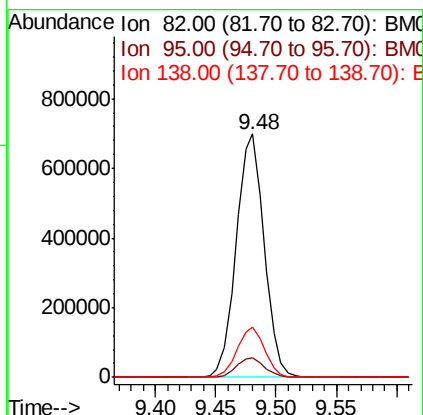
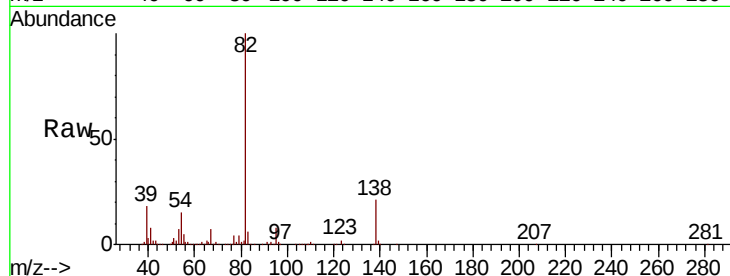




#25
Isophorone
Concen: 42.084 ng
RT: 9.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

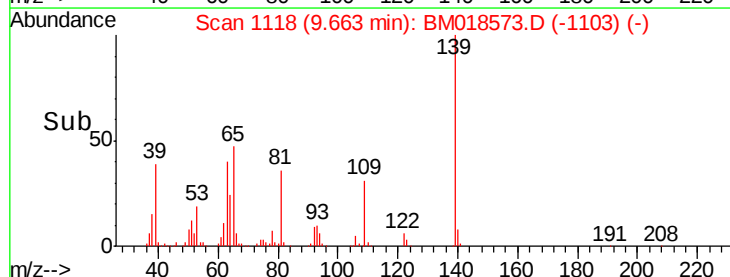
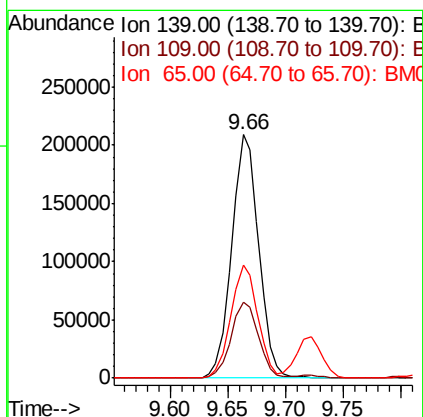
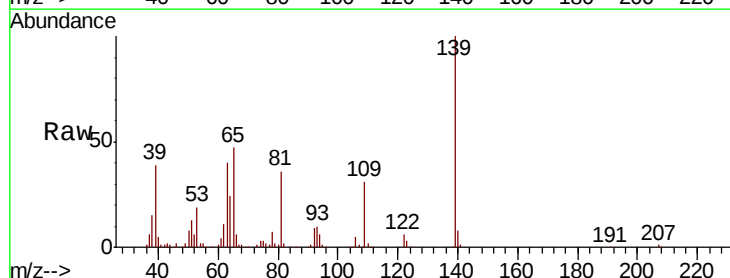
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tgt Ion: 82 Resp: 1130113
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 20.7 15.1 22.7



#26
2-Nitrophenol
Concen: 40.126 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion: 139 Resp: 338548
Ion Ratio Lower Upper
139 100
109 31.0 23.4 35.2
65 46.5 39.4 59.2

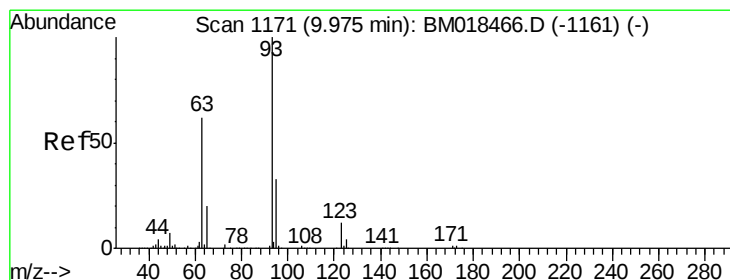
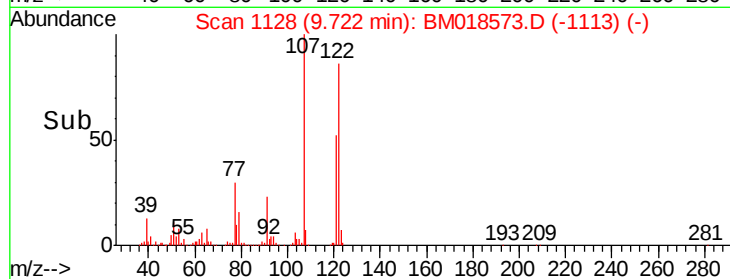
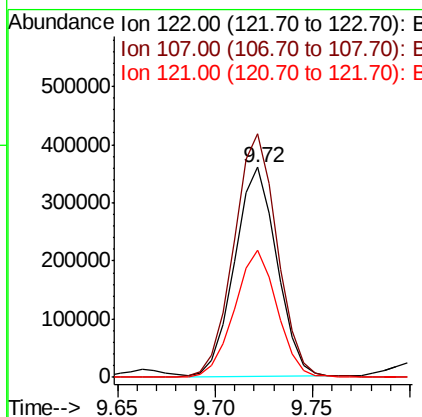
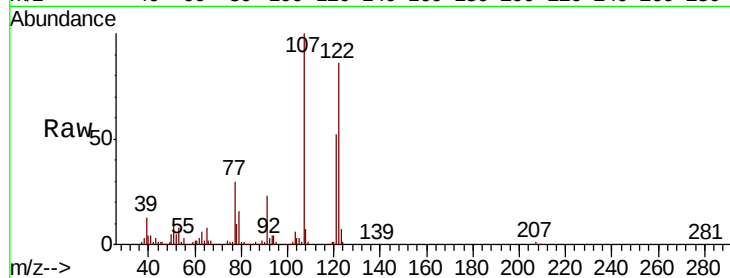




#27
 2,4-Dimethylphenol
 Concen: 42.742 ng
 RT: 9.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

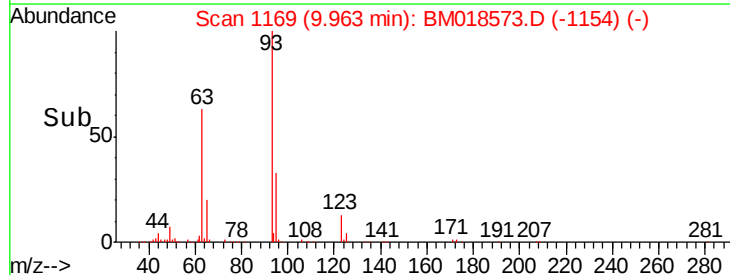
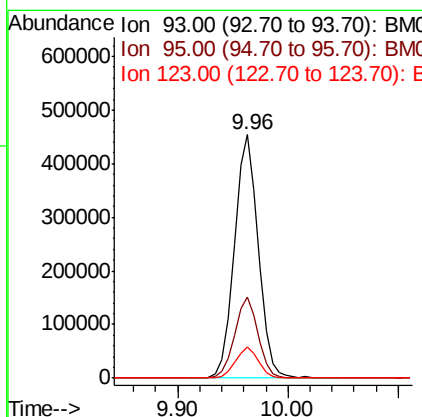
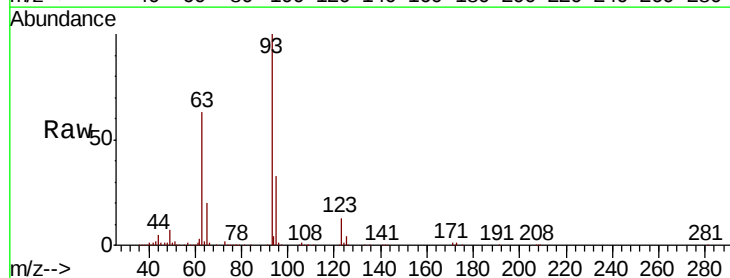
Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.9	137.9
121	60.4	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.150 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	12.6	9.9	14.9

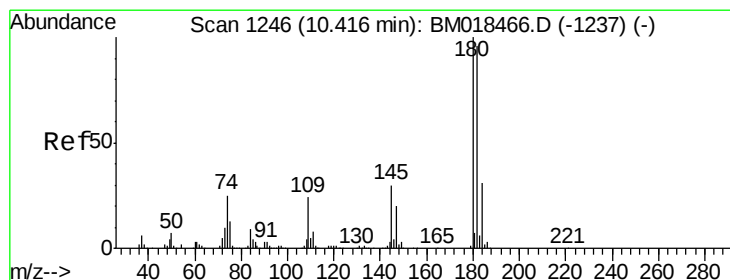
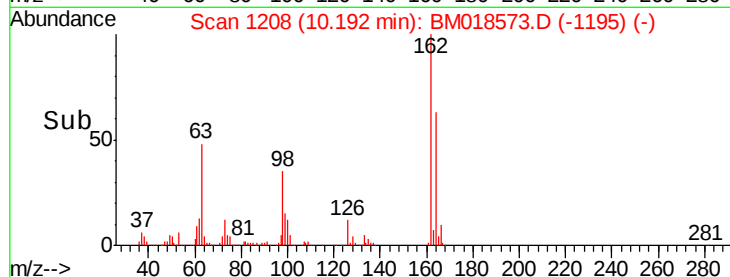
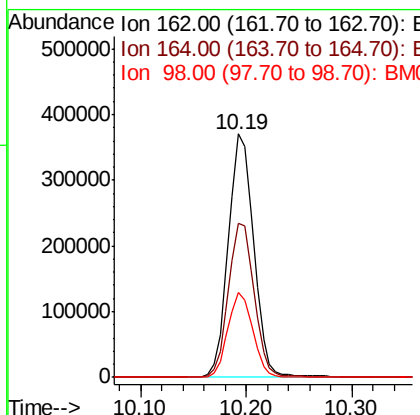
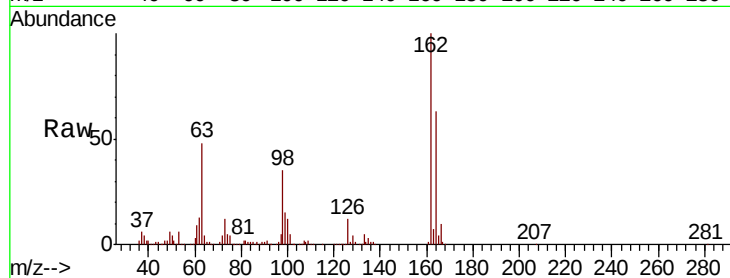




#29
2,4-Dichlorophenol
Concen: 40.928 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

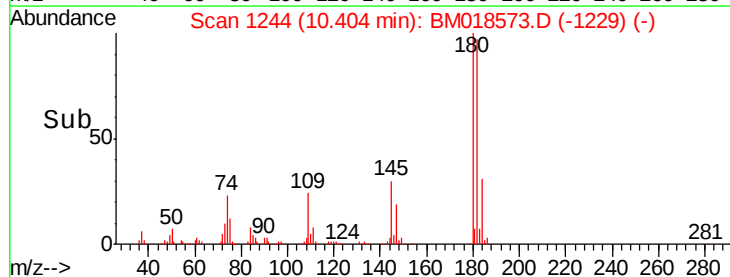
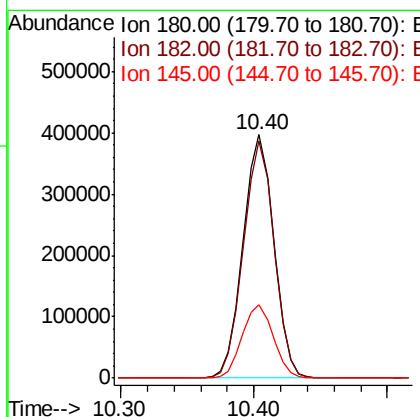
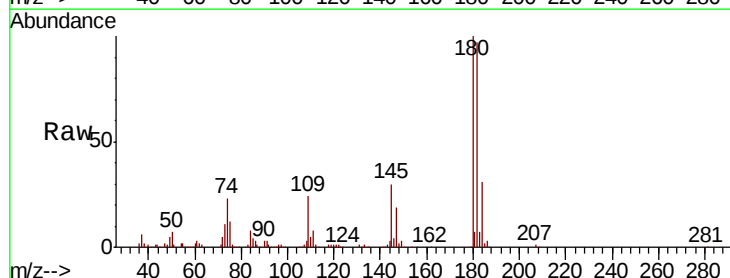
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

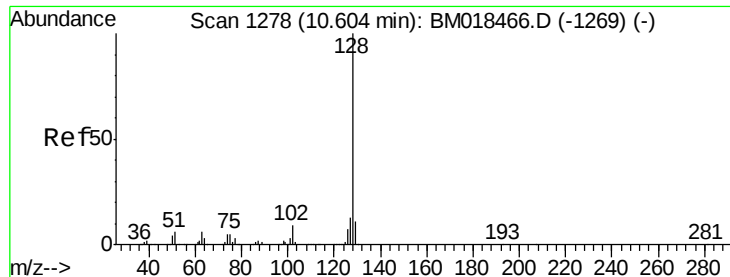
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	45.6	85.6
98	35.0	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 33.836 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.4	116.2
145	30.3	24.6	37.0

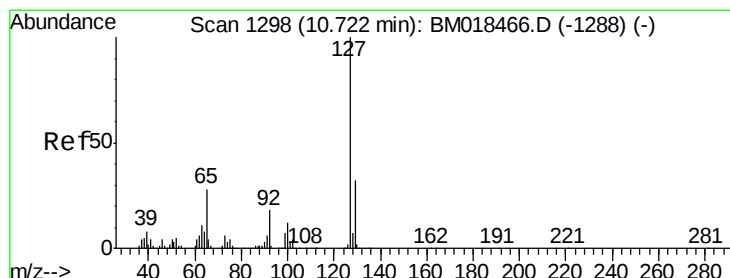
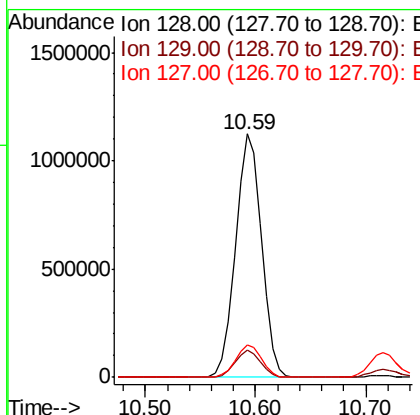
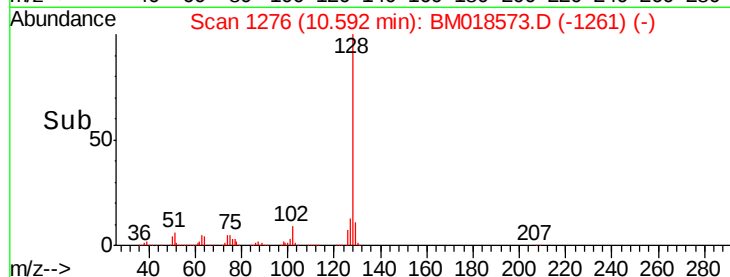
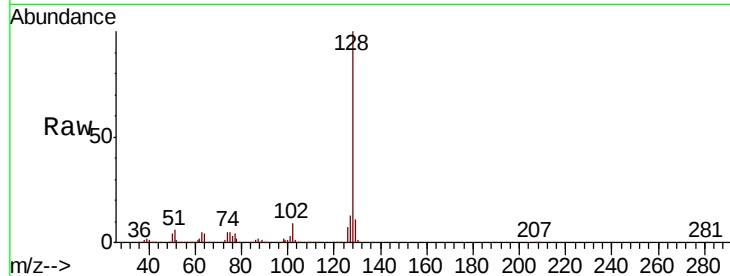




#31
Naphthalene
Concen: 37.530 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

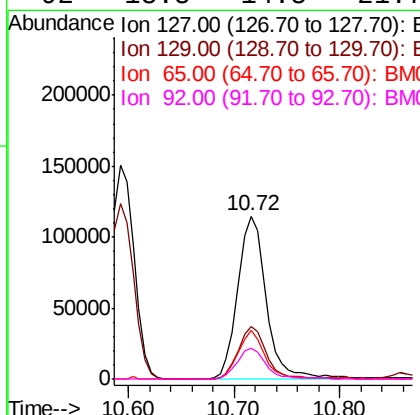
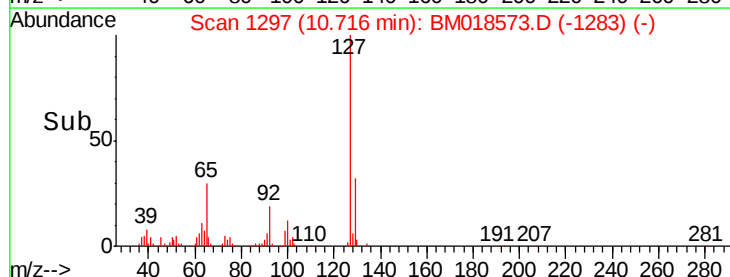
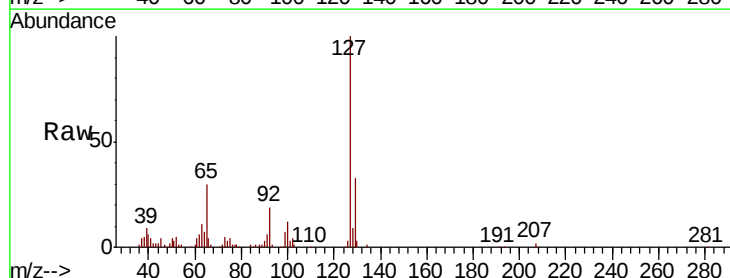
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

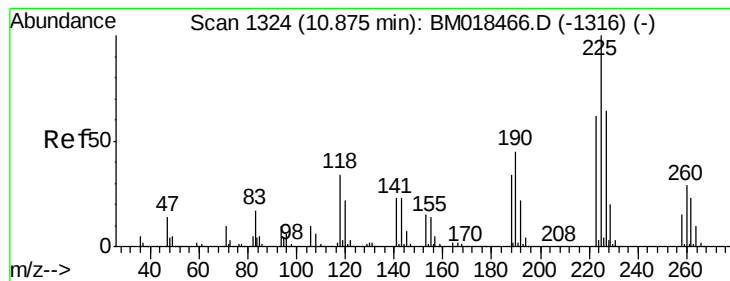
Tgt Ion:128 Resp: 1858123
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.8 16.2



#33
4-Chloroaniline
Concen: 10.995 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion:127 Resp: 214393
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 29.9 23.4 35.2
92 18.5 14.5 21.7





#34

Hexachlorobutadiene

Concen: 32.187 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

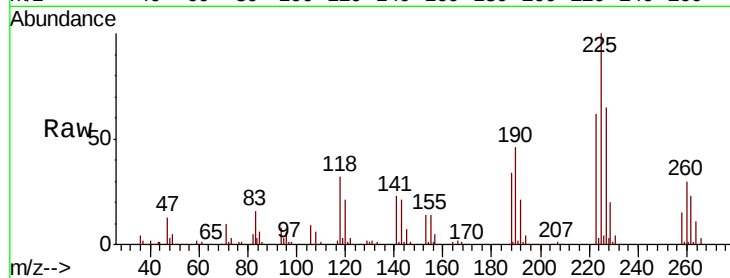
Tgt Ion:225 Resp: 380066

Ion Ratio Lower Upper

225 100

223 61.8 50.8 76.2

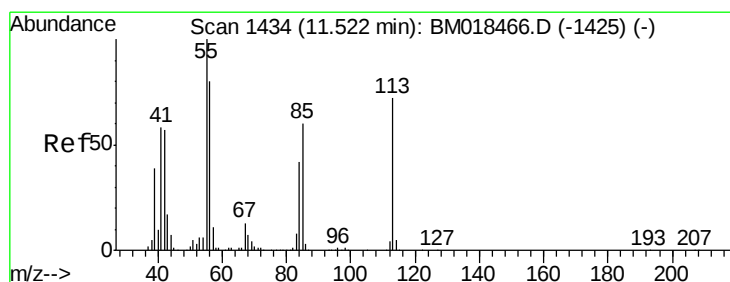
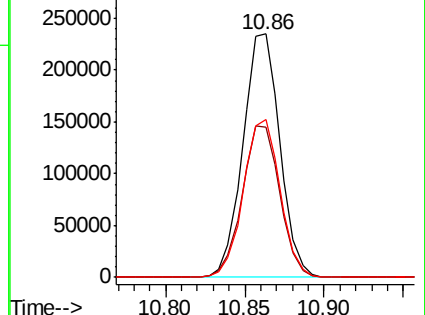
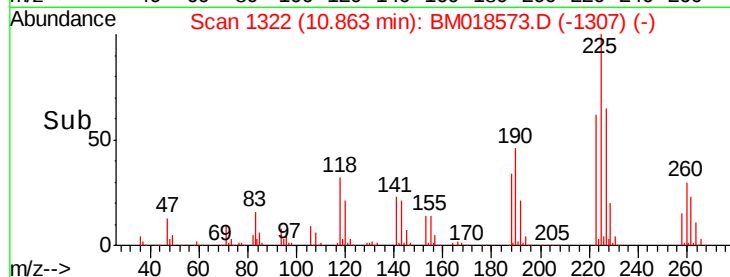
227 64.9 50.4 75.6



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: 37.222 ng

RT: 11.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

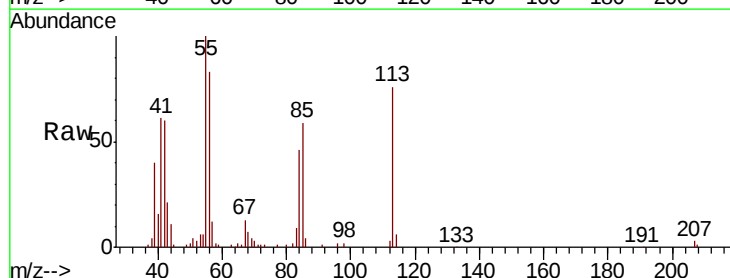
Tgt Ion:113 Resp: 190569

Ion Ratio Lower Upper

113 100

55 132.4 139.3 179.3#

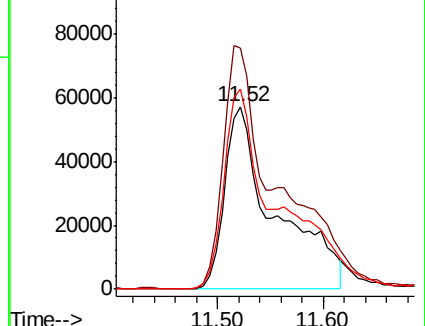
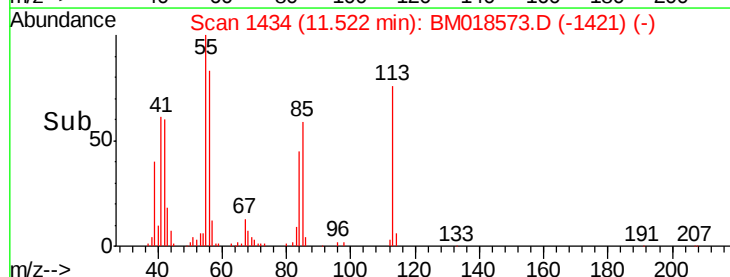
56 109.7 101.4 141.4

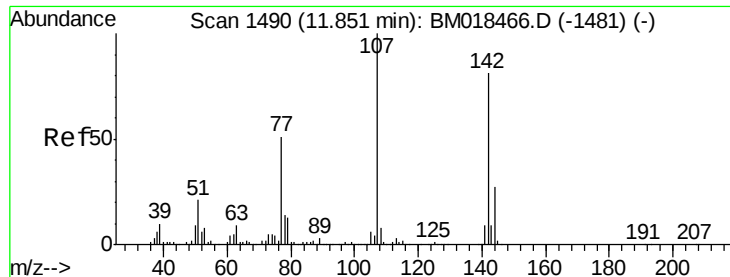


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

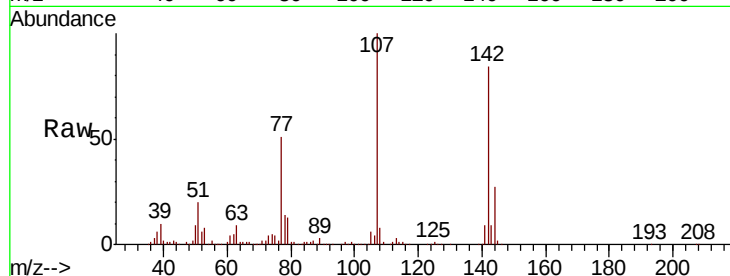




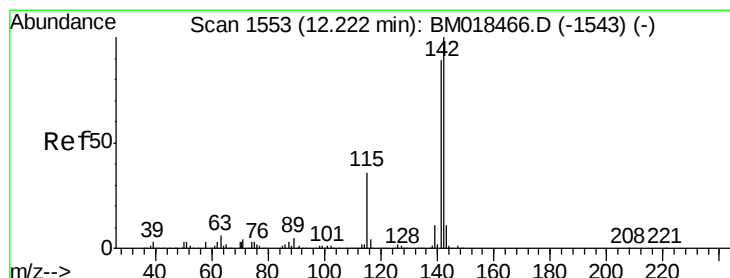
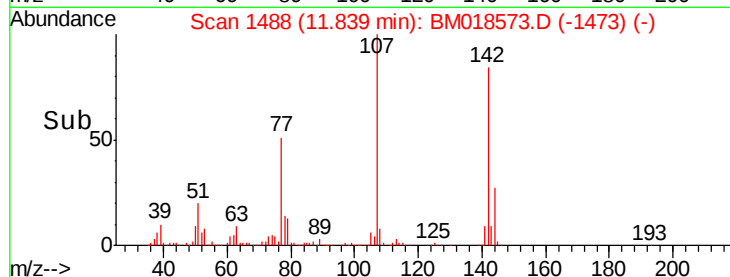
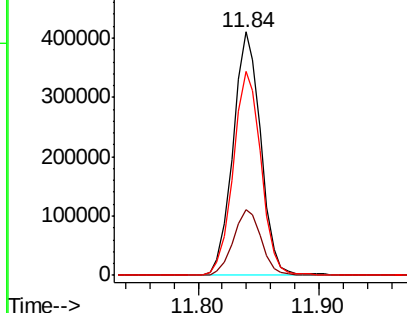
#36
 4-Chloro-3-methylphenol
 Concen: 41.533 ng
 RT: 11.84 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tgt Ion:107 Resp: 656152
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.9 32.9
 142 83.6 67.9 101.9

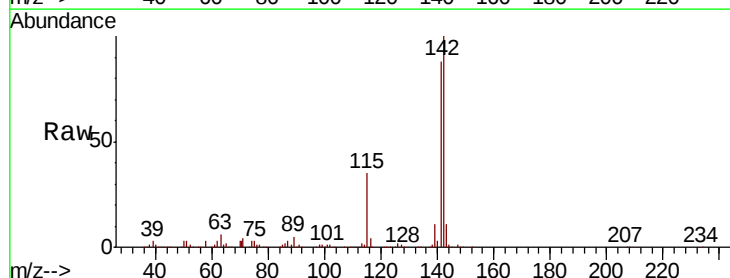


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

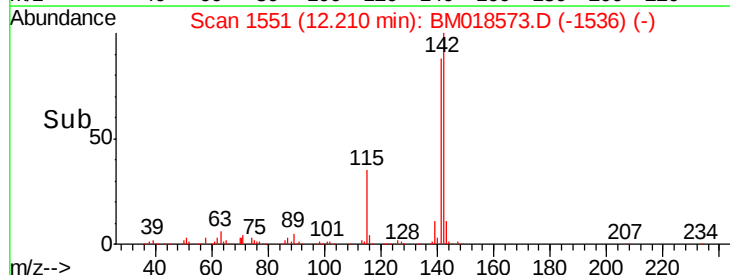
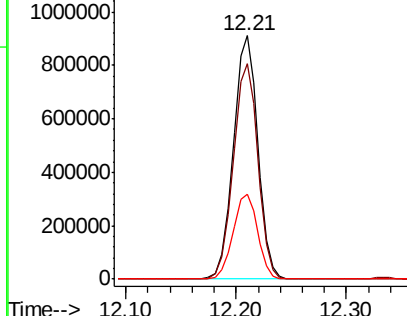


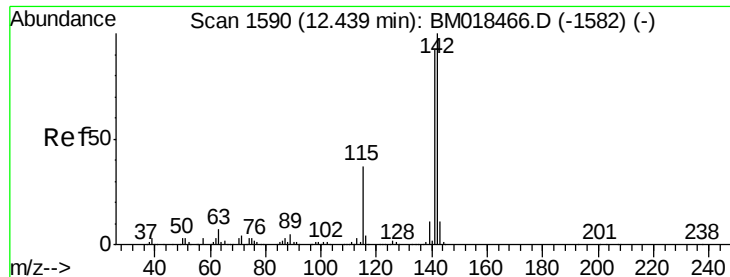
#37
 2-Methylnaphthalene
 Concen: 40.429 ng
 RT: 12.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion:142 Resp: 1414225
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.4 107.2
 115 34.9 28.0 42.0



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

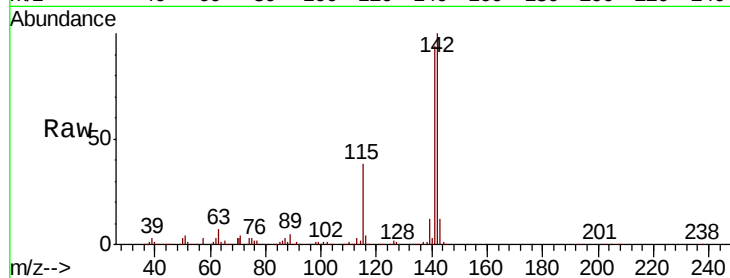




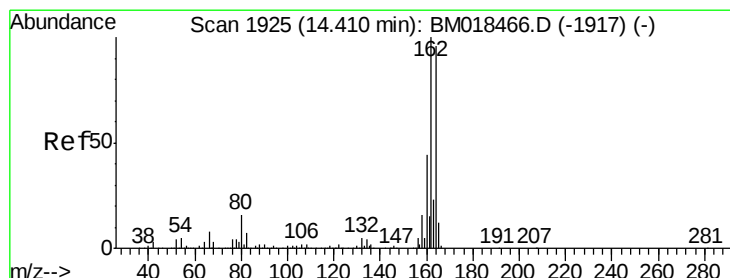
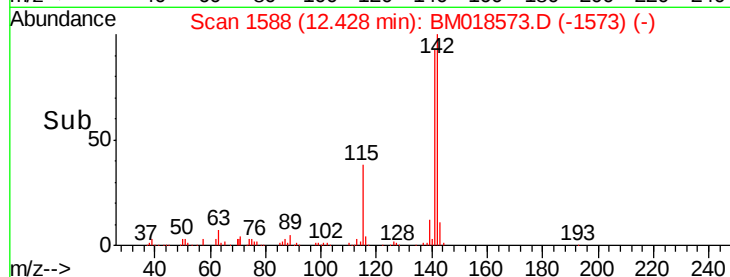
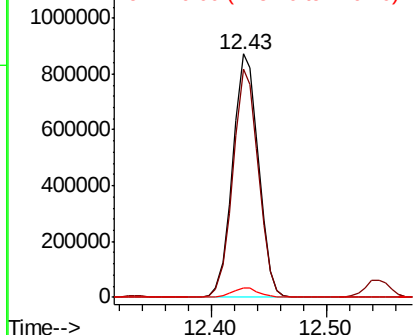
#38
1-Methylnaphthalene
Concen: 39.651 ng
RT: 12.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tgt Ion:142 Resp: 1342056
Ion Ratio Lower Upper
142 100
141 93.9 75.6 113.4
116 4.1 3.0 4.6

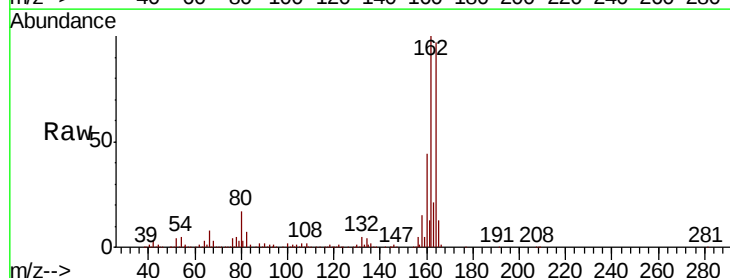


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

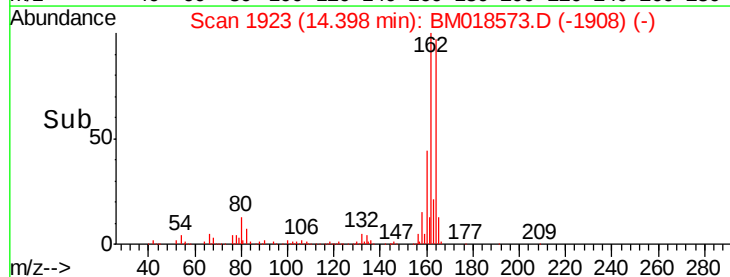
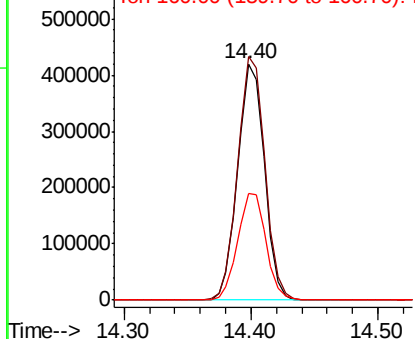


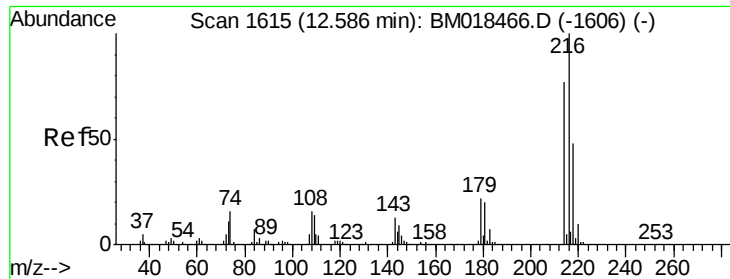
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion:164 Resp: 611663
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.4
160 45.4 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: 34.278 ng

RT: 12.57 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tgt Ion:216 Resp: 733184

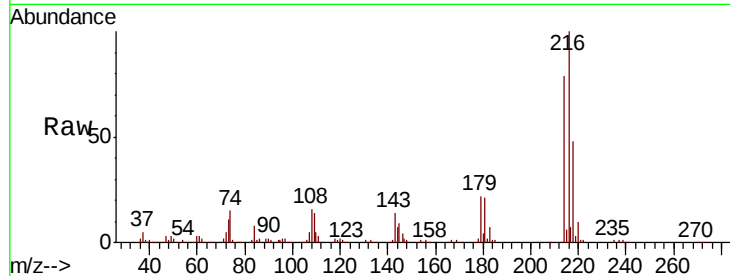
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.0

179 21.8 17.9 26.9

108 19.0 15.8 23.6

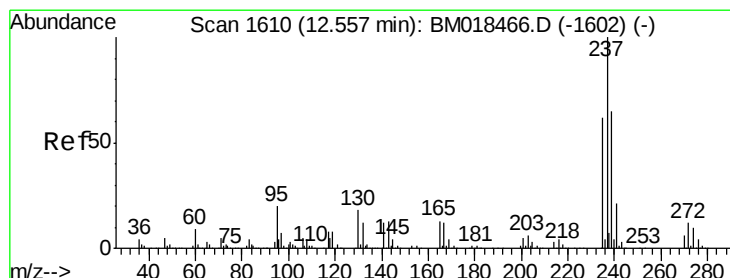
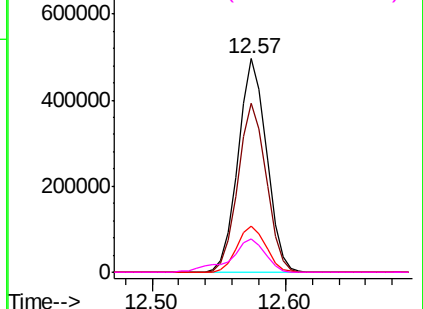
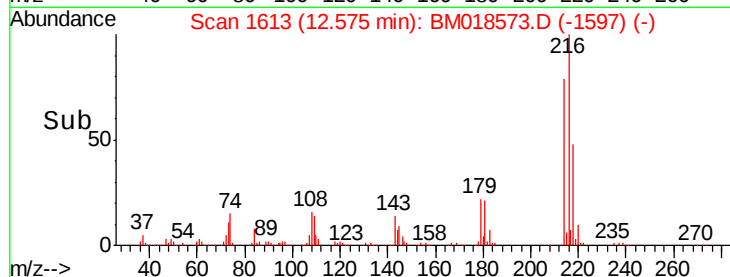


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.393 ng

RT: 12.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

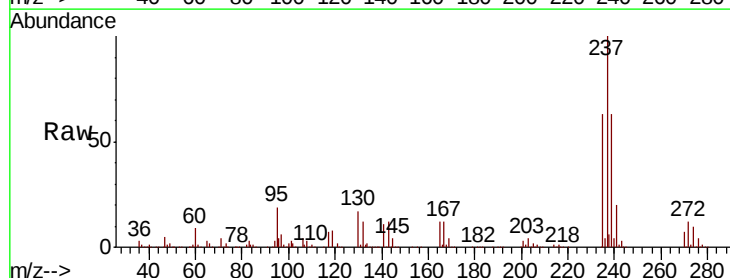
Tgt Ion:237 Resp: 802886

Ion Ratio Lower Upper

237 100

235 63.0 42.8 82.8

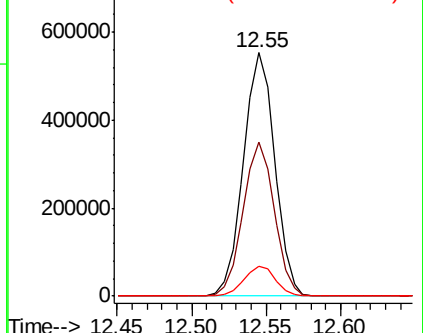
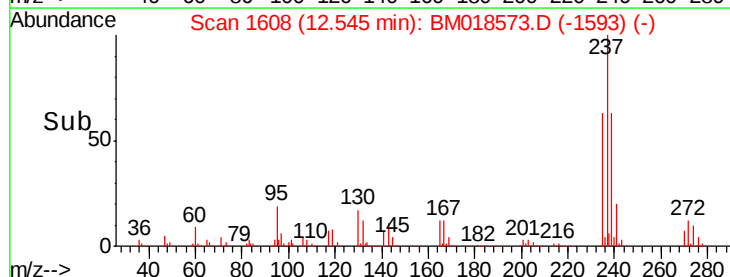
272 12.4 0.0 31.9

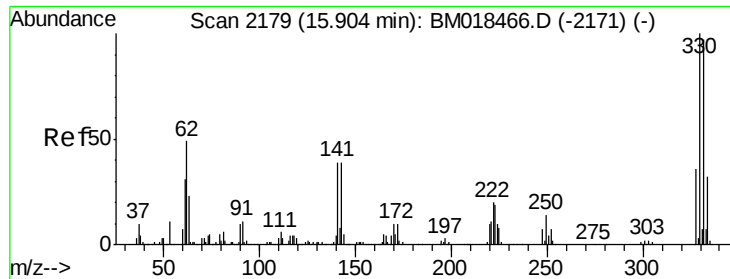


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

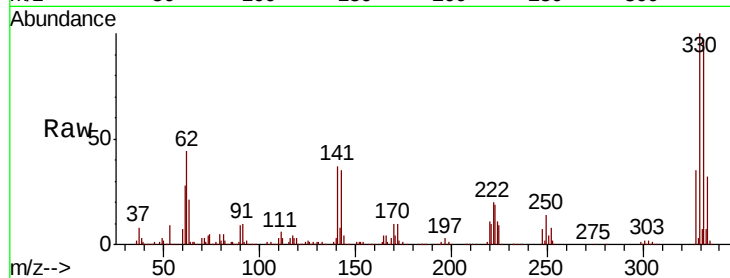




#42
 2,4,6-Tribromophenol
 Concen: 126.363 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	38.0	31.7	47.5

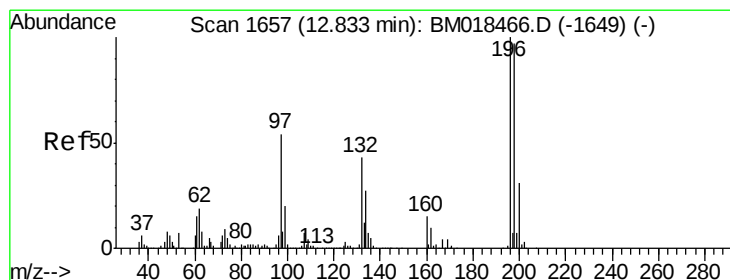
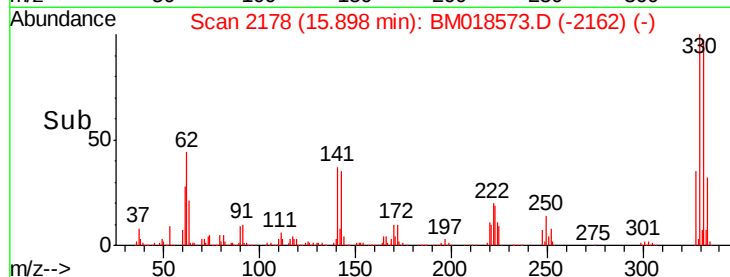
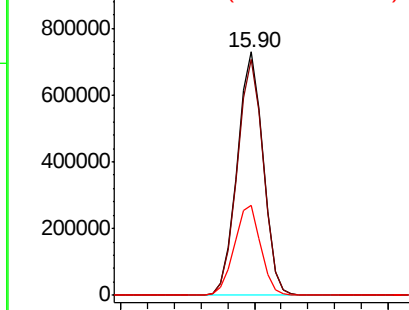


Abundance

Ion 329.80 (329.50 to 330.50): E

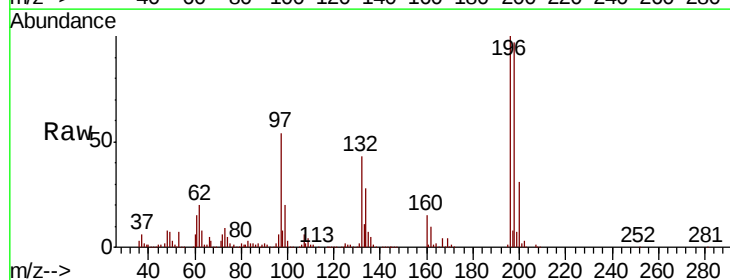
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 39.908 ng
 RT: 12.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.6	115.0
200	31.2	24.2	36.4

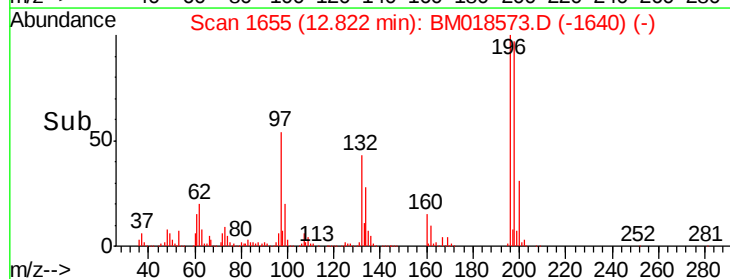
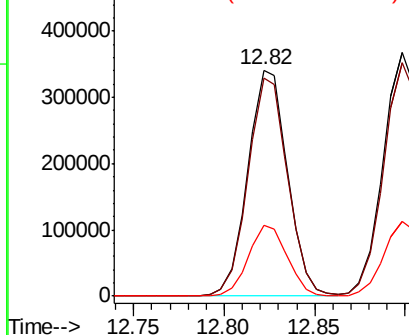


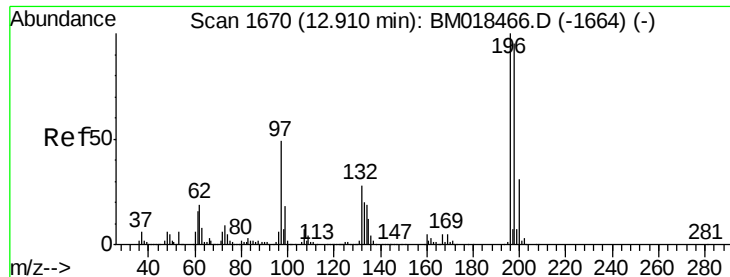
Abundance

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

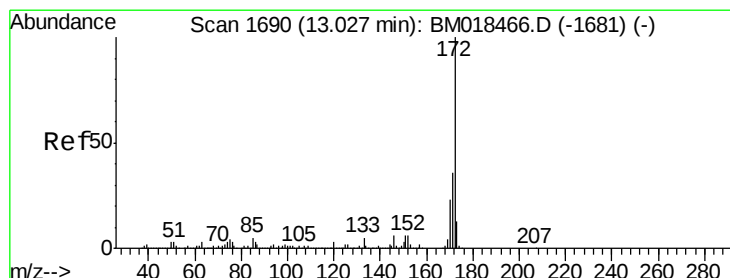
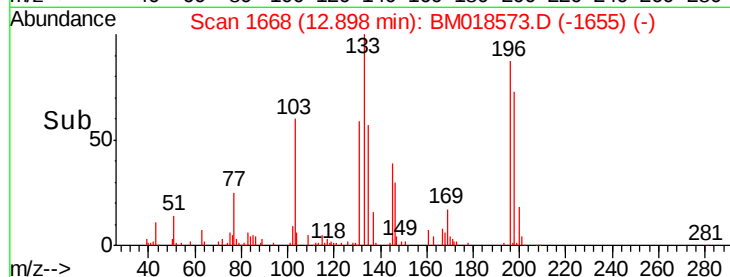
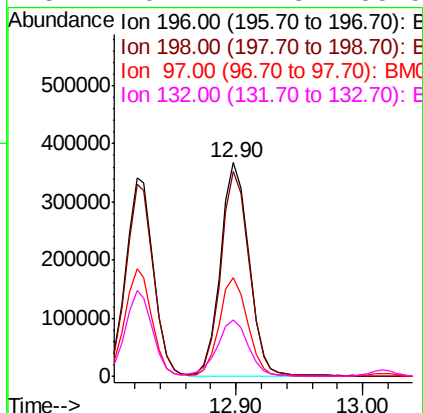
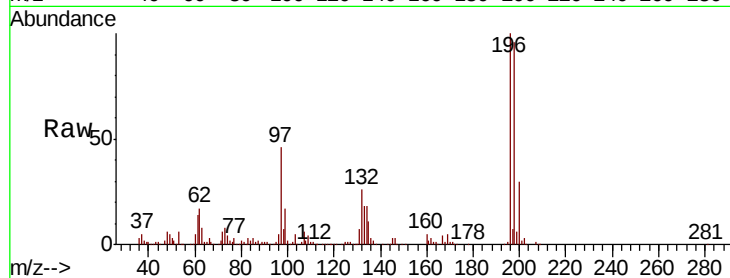




#44
2,4,5-Trichlorophenol
Concen: 41.645 ng
RT: 12.90 min Scan# 1668
Delta R.T. -0.02 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

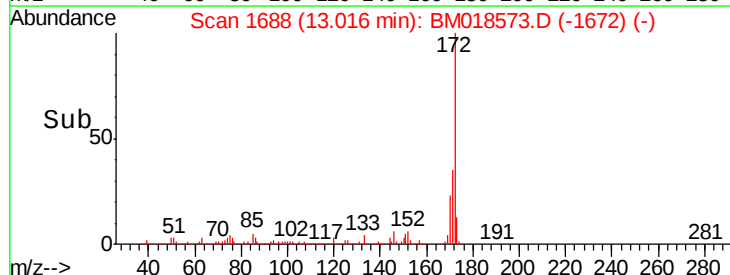
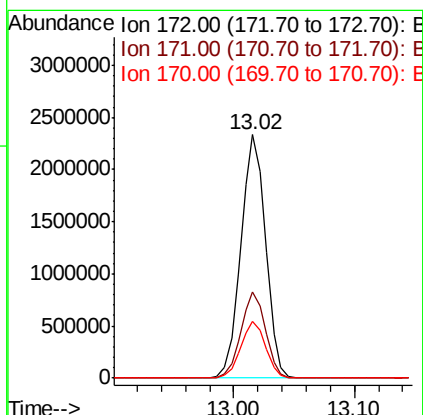
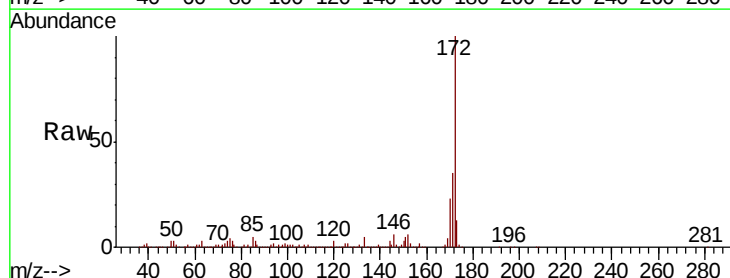
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

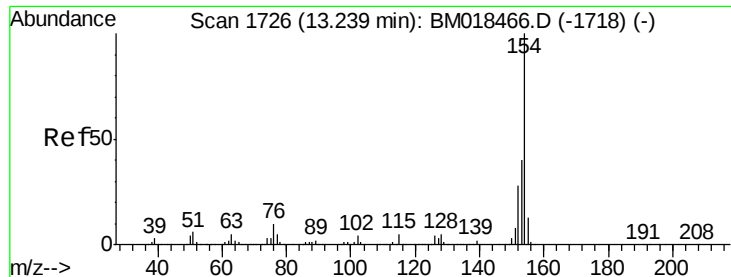
Tgt Ion	Resp	Lower	Upper
196	100		
198	95.7	76.7	115.1
97	45.9	39.2	58.8
132	26.4	22.3	33.5



#45
2-Fluorobiphenyl
Concen: 71.186 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.2	18.9	28.3

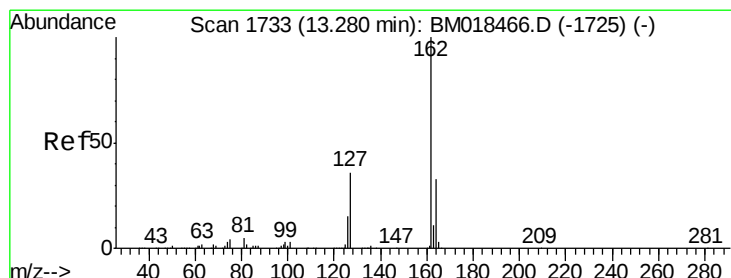
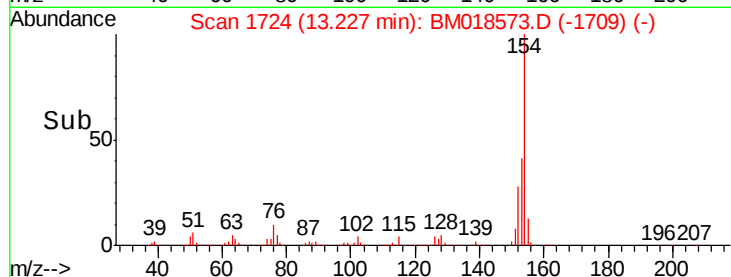
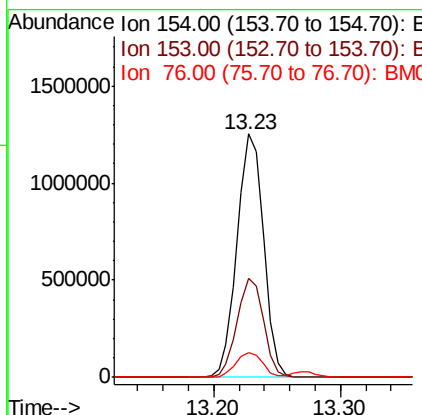
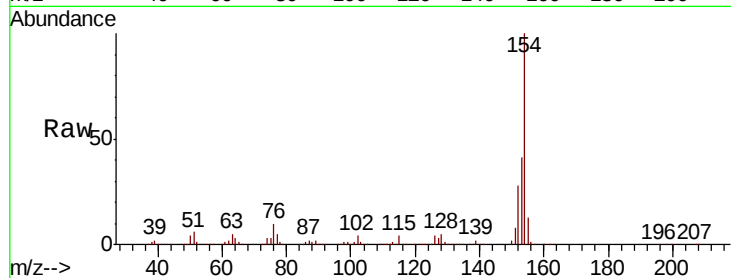




#46
 1,1'-Biphenyl
 Concen: 33.954 ng
 RT: 13.23 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

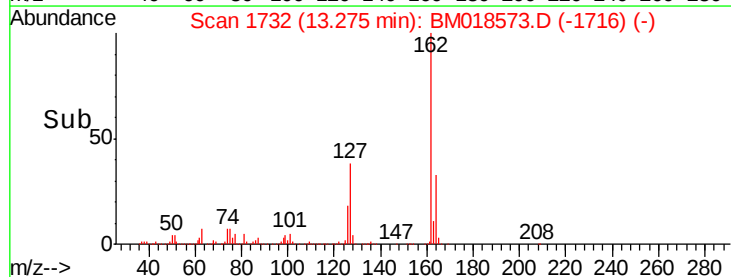
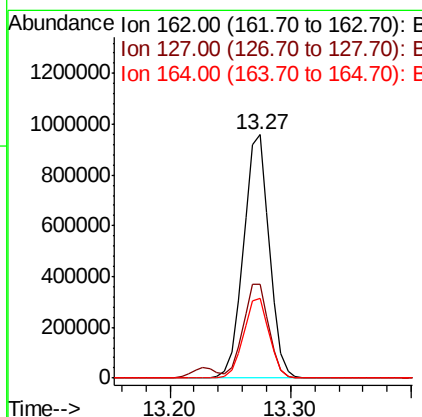
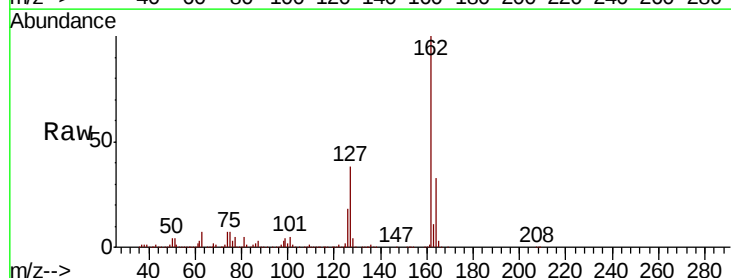
Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

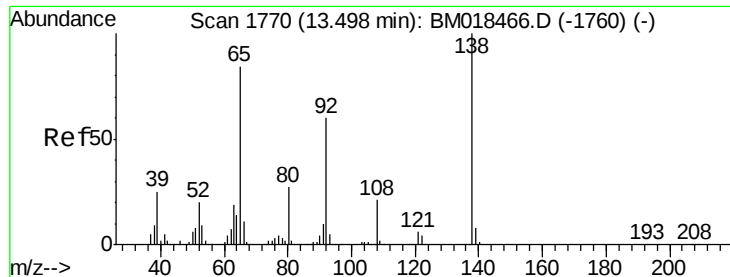
Tgt Ion:154 Resp: 1813389
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.5 60.5
 76 10.4 0.0 31.9



#47
 2-Chloronaphthalene
 Concen: 34.328 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion:162 Resp: 1421692
 Ion Ratio Lower Upper
 162 100
 127 38.3 31.4 47.0
 164 32.9 26.2 39.4

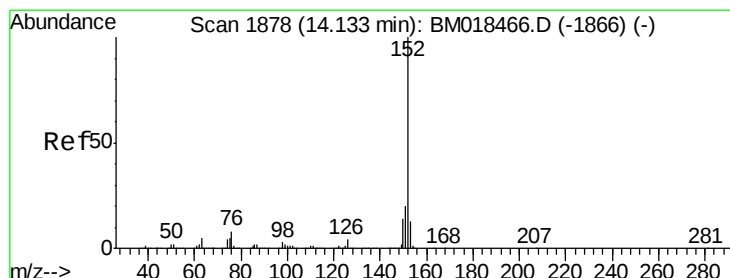
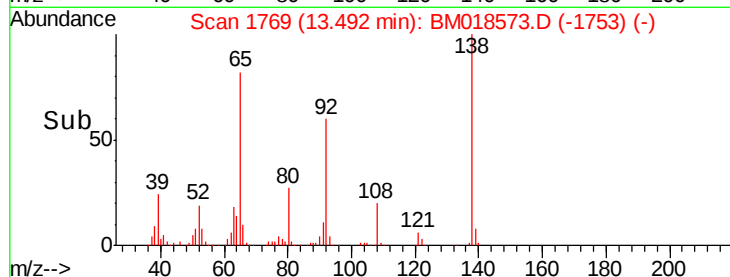
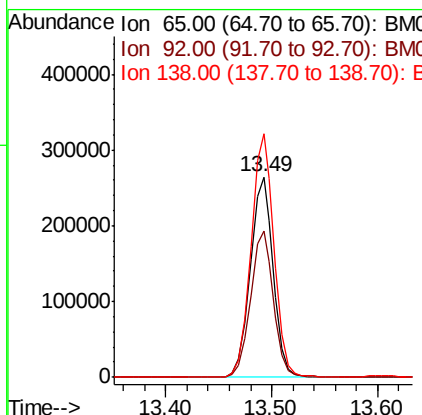
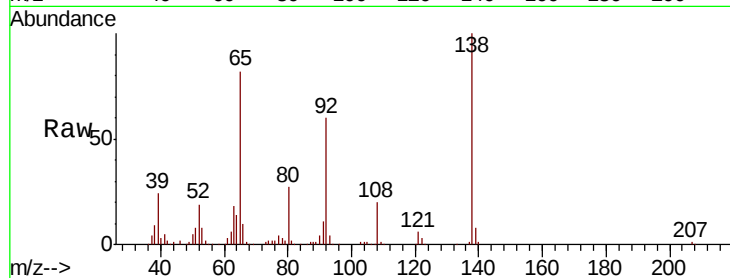




#48
2-Nitroaniline
Concen: 39.436 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

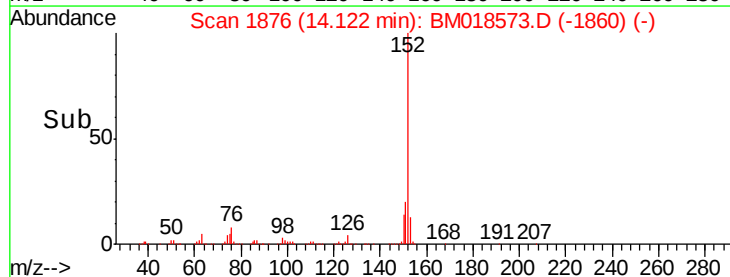
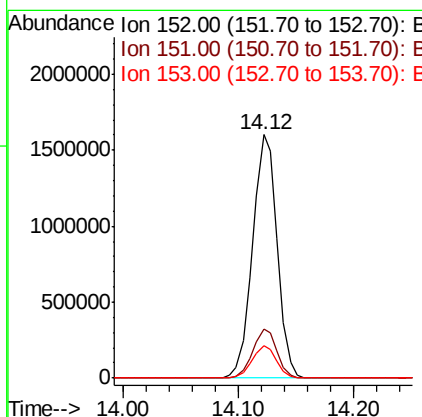
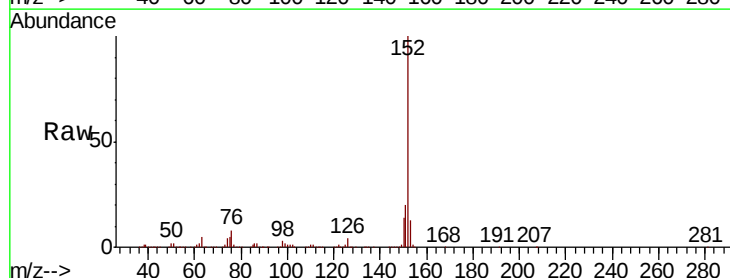
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

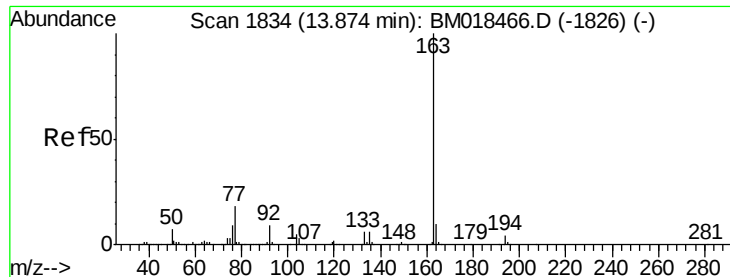
Tgt Ion: 65 Resp: 401821
Ion Ratio Lower Upper
65 100
92 73.0 53.4 80.2
138 121.6 88.9 133.3



#49
Acenaphthylene
Concen: 39.244 ng
RT: 14.12 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion: 152 Resp: 2368575
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.2 10.5 15.7





#50

Dimethylphthalate

Concen: 56.966 ng

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

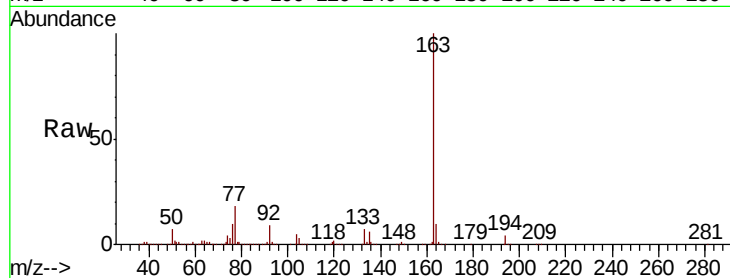
Tgt Ion:163 Resp: 2861644

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

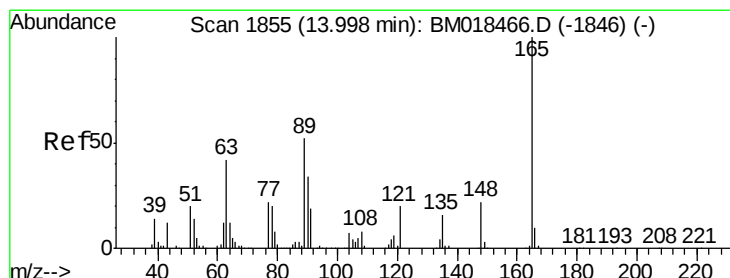
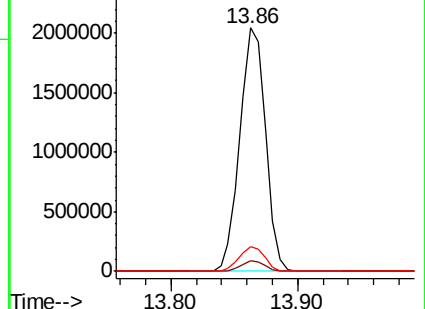
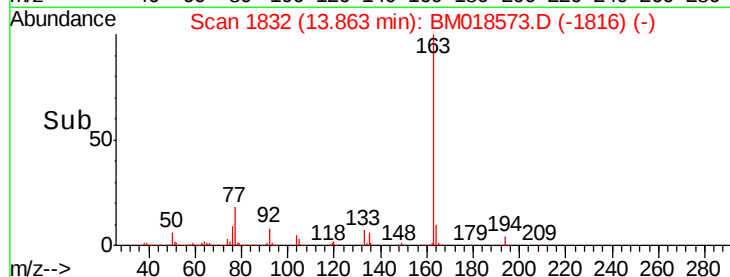
164 10.1 7.8 11.8



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: 39.671 ng

RT: 13.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

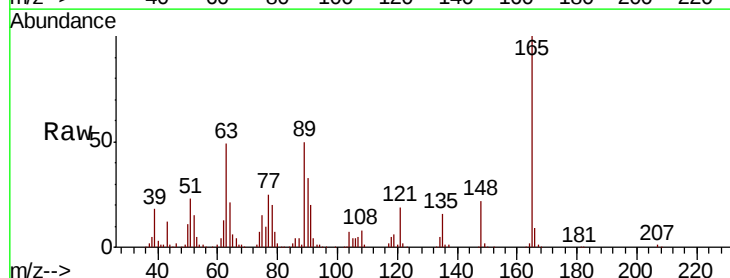
Tgt Ion:165 Resp: 422129

Ion Ratio Lower Upper

165 100

63 48.8 45.6 68.4

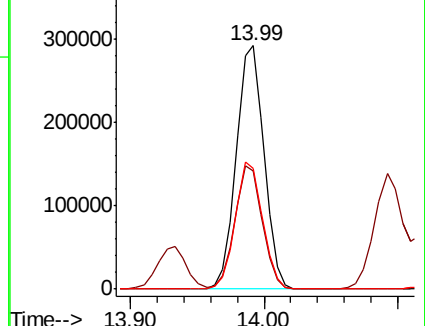
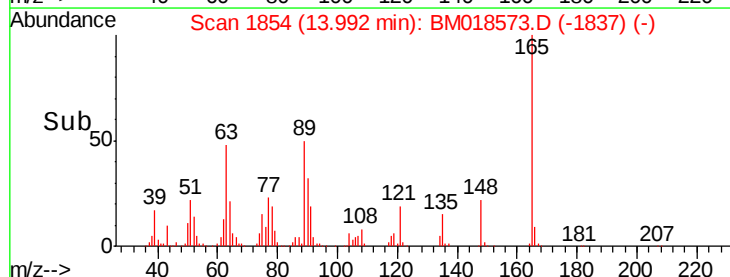
89 49.7 44.6 66.8

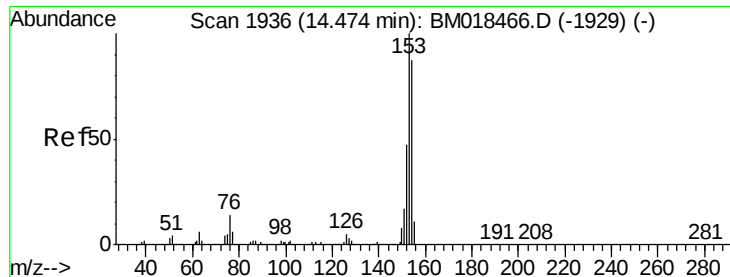


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#52

Acenaphthene

Concen: 36.281 ng

RT: 14.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

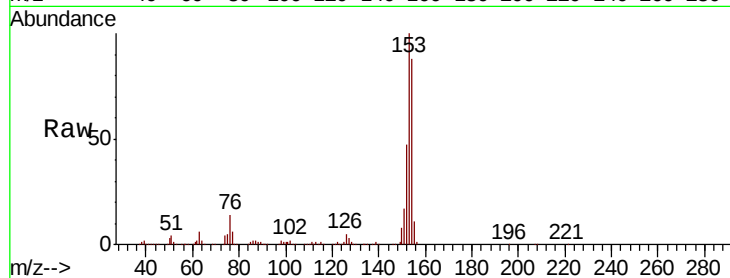
Tgt Ion:154 Resp: 1339802

Ion Ratio Lower Upper

154 100

153 113.9 92.3 138.5

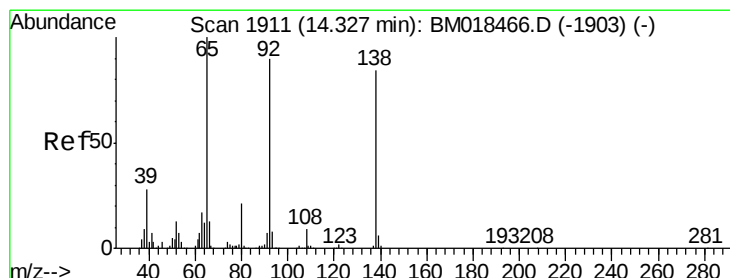
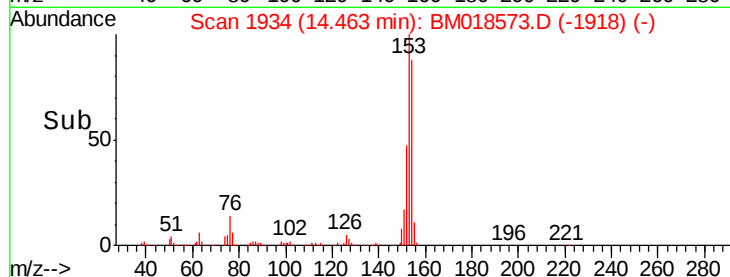
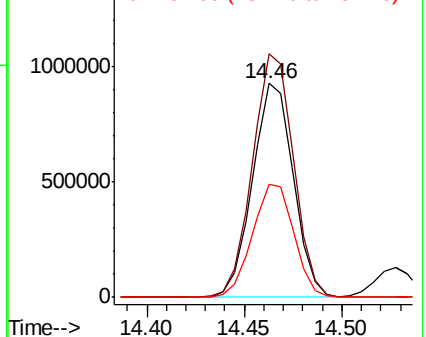
152 53.1 43.8 65.6



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: 16.243 ng

RT: 14.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

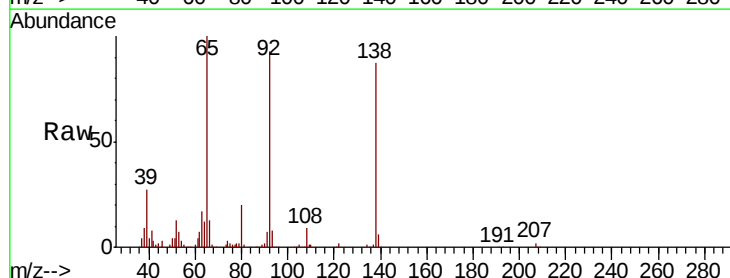
Tgt Ion:138 Resp: 174246

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

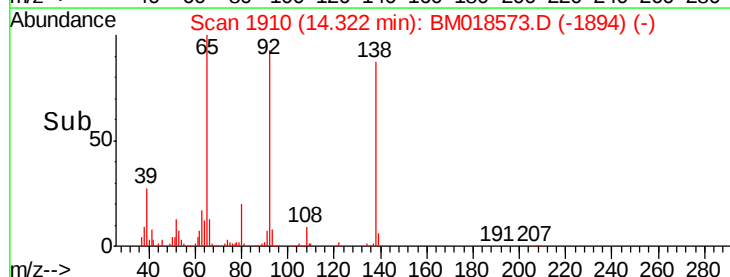
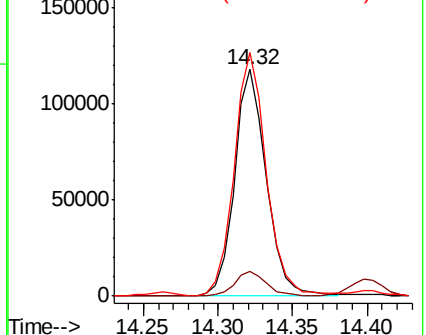
92 107.5 88.2 132.2

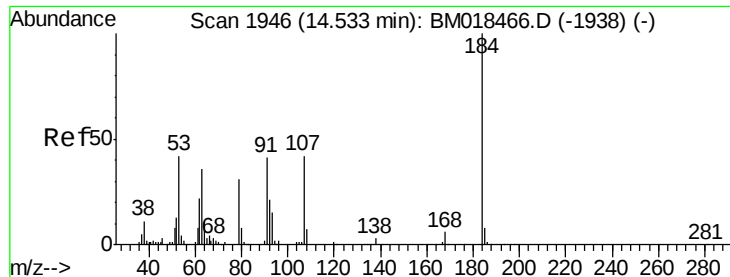


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

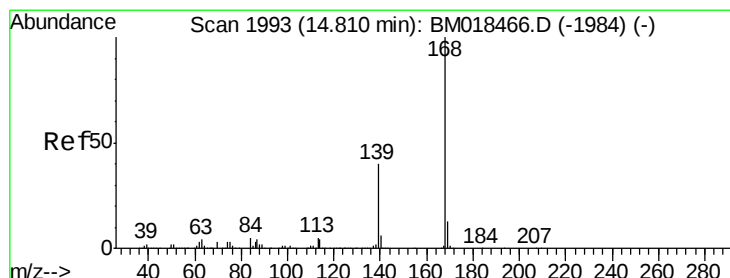
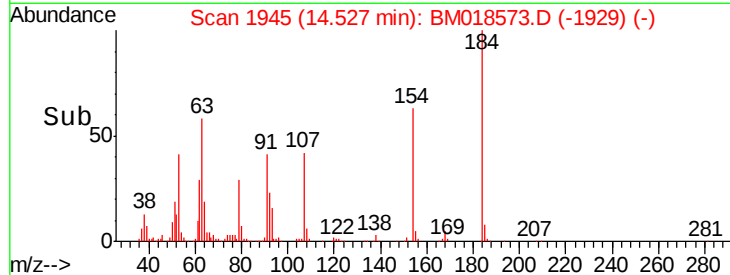
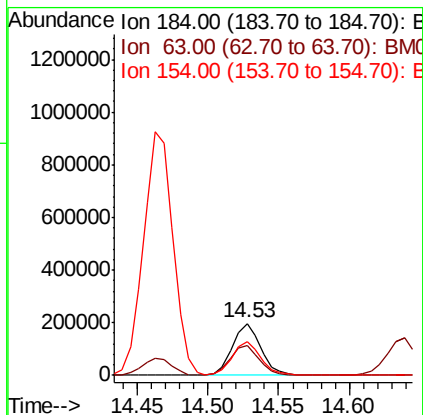
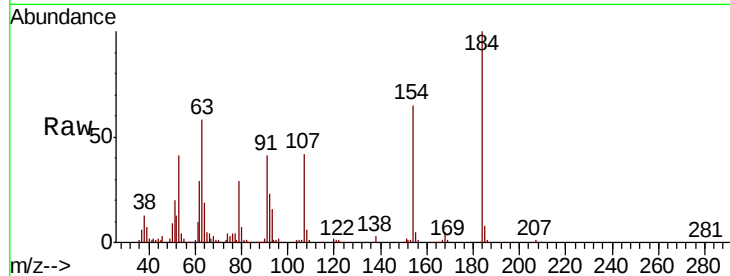




#54
2,4-Dinitrophenol
Concen: 51.003 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

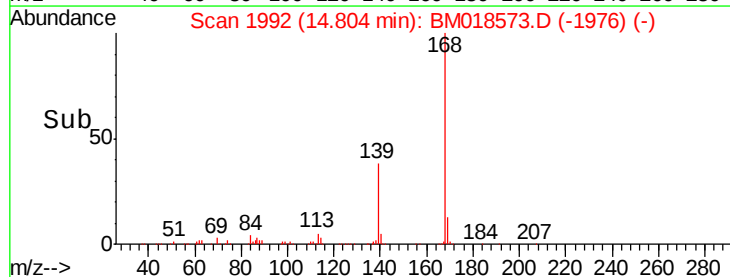
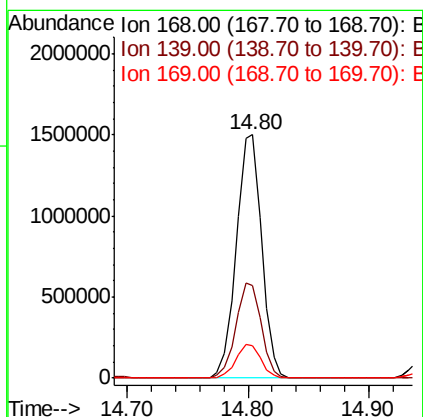
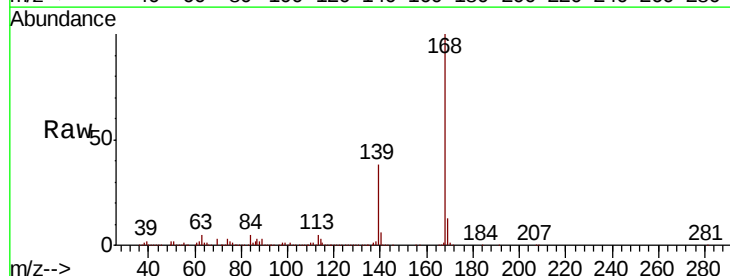
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

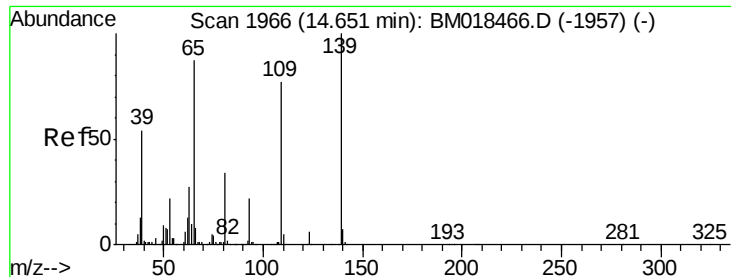
Tgt Ion:184 Resp: 277271
Ion Ratio Lower Upper
184 100
63 58.1 55.9 83.9
154 64.7 54.2 81.4



#55
Dibenzofuran
Concen: 36.050 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion:168 Resp: 2199666
Ion Ratio Lower Upper
168 100
139 38.1 30.3 45.5
169 13.1 10.6 16.0

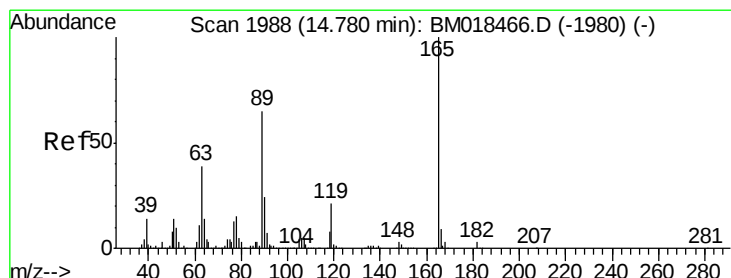
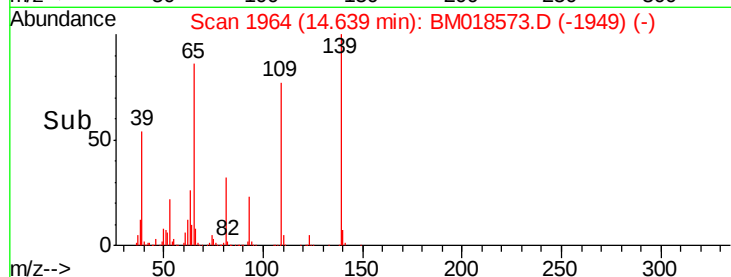
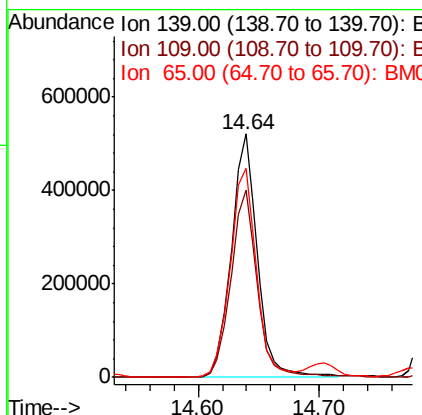
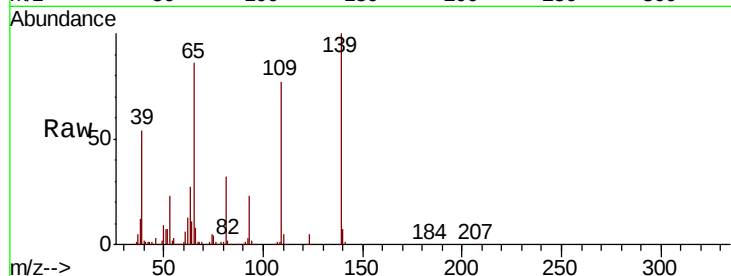




#56
4-Nitrophenol
Concen: 84.524 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

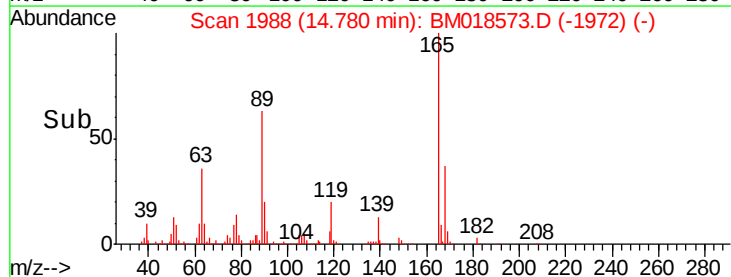
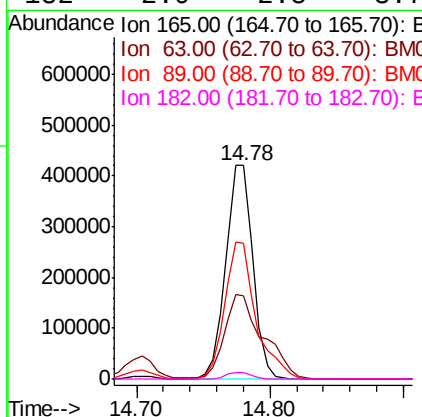
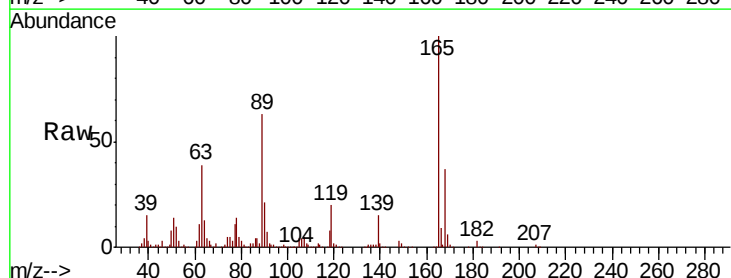
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

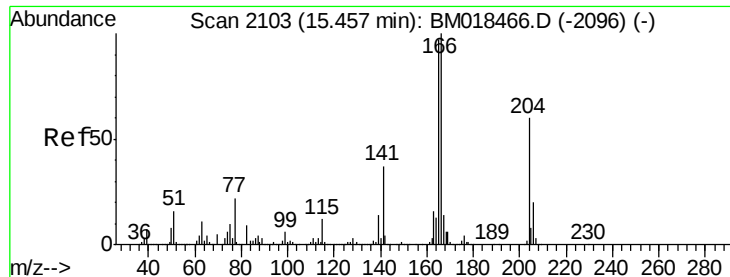
Tgt Ion:139 Resp: 783334
Ion Ratio Lower Upper
139 100
109 76.8 51.7 91.7
65 86.1 71.4 111.4



#57
2,4-Dinitrotoluene
Concen: 40.099 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion:165 Resp: 603715
Ion Ratio Lower Upper
165 100
63 38.8 32.2 48.2
89 63.5 52.1 78.1
182 2.9 2.5 3.7

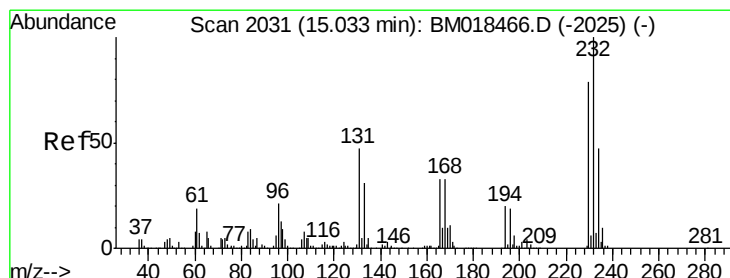
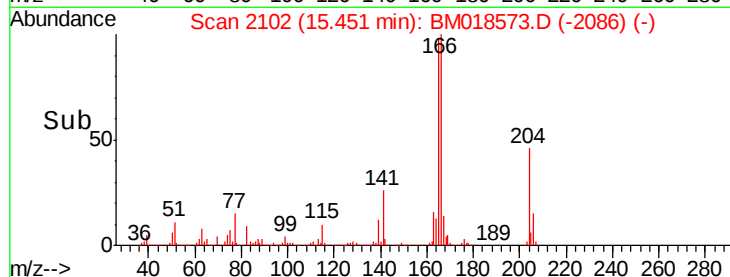
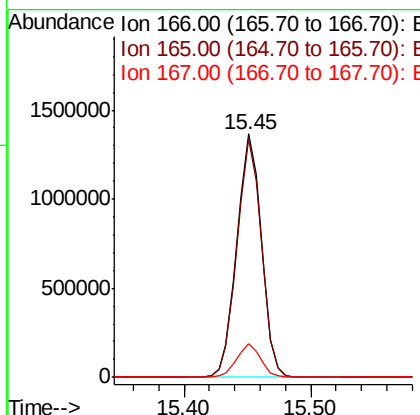
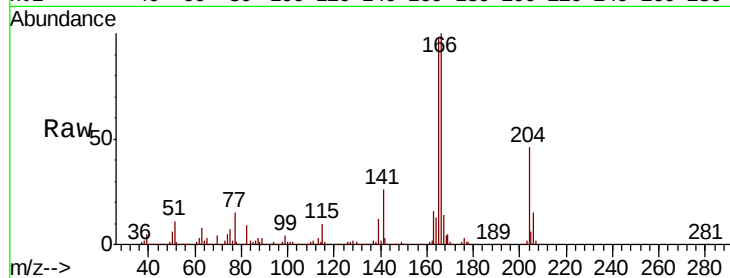




#58
 Fluorene
 Concen: 40.101 ng
 RT: 15.45 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

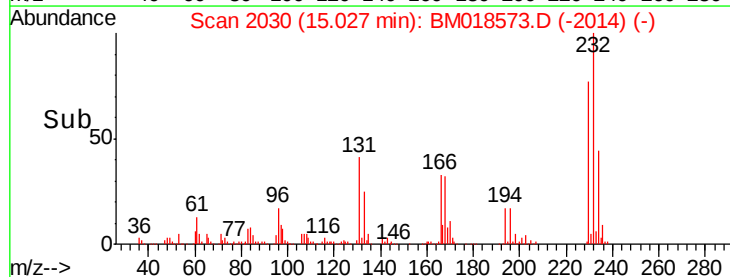
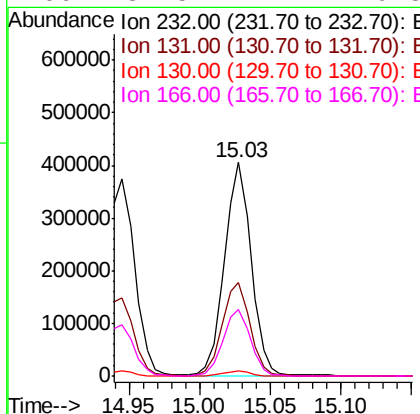
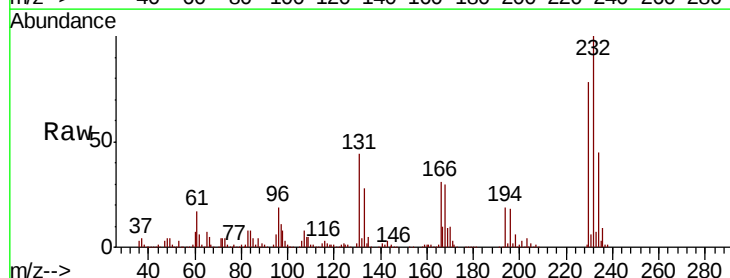
Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

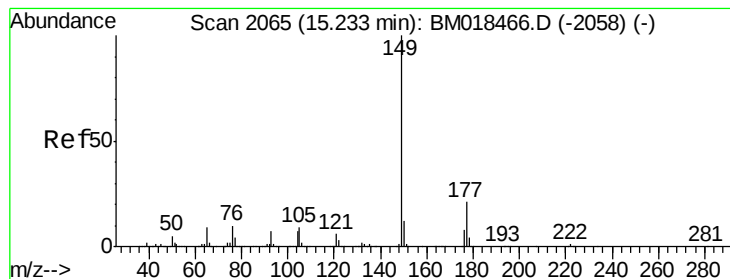
Tgt Ion:166 Resp: 1822734
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.3 117.5
 167 13.9 10.9 16.3



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.778 ng
 RT: 15.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion:232 Resp: 530092
 Ion Ratio Lower Upper
 232 100
 131 44.9 38.6 57.8
 130 2.4 2.2 3.4
 166 32.5 27.2 40.8





#60

Diethylphthalate

Concen: 38.225 ng

RT: 15.23 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

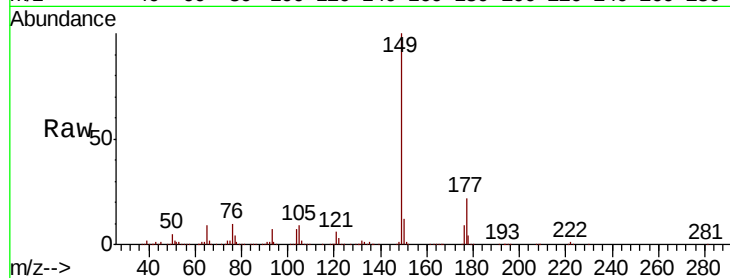
Tgt Ion:149 Resp: 1938498

Ion Ratio Lower Upper

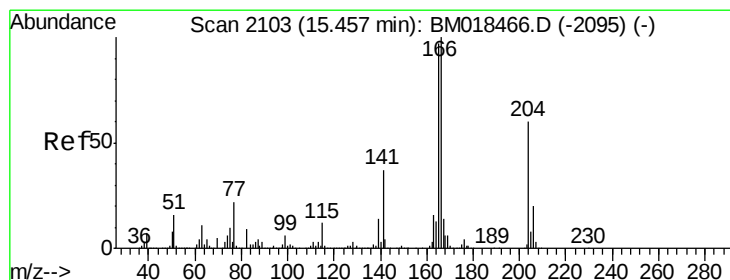
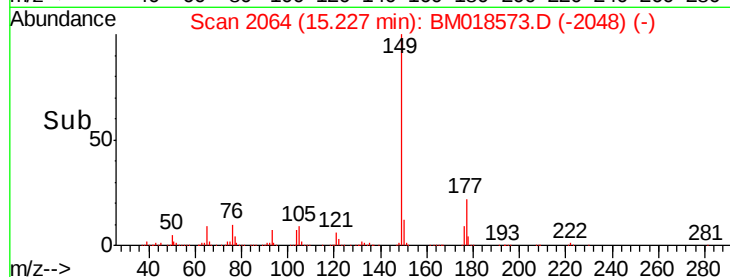
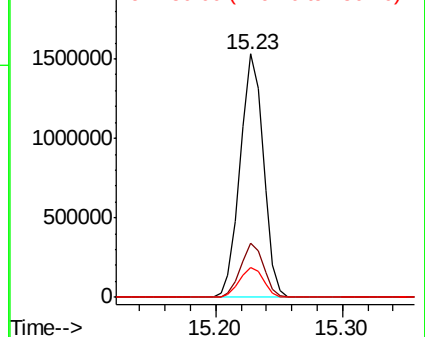
149 100

177 22.1 17.1 25.7

150 12.2 9.8 14.6



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



#61

4-Chlorophenyl-phenylether

Concen: 35.049 ng

RT: 15.44 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

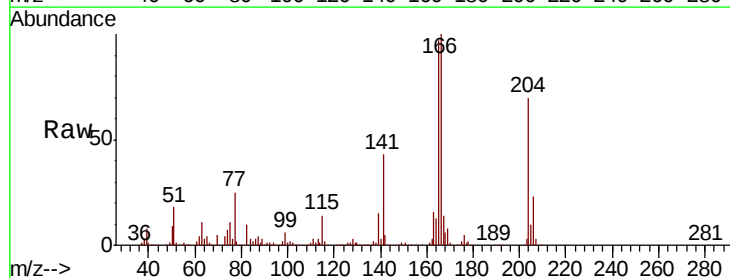
Tgt Ion:204 Resp: 918172

Ion Ratio Lower Upper

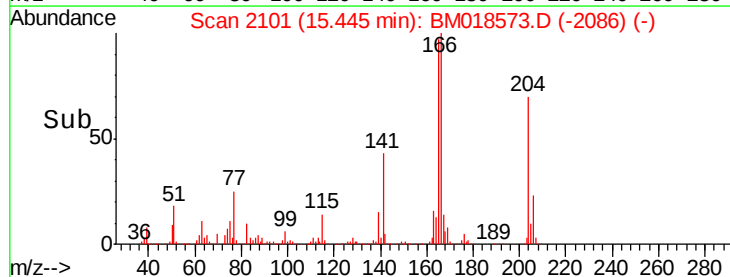
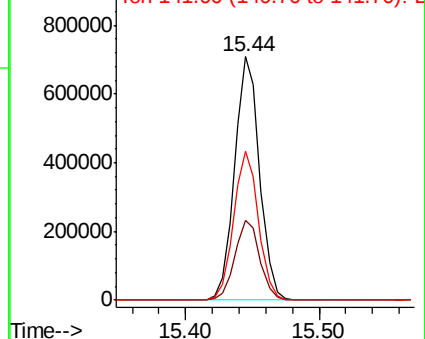
204 100

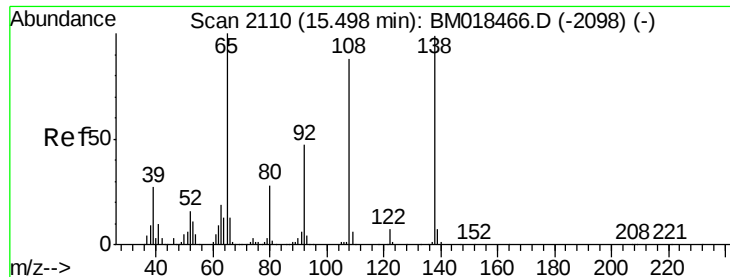
206 32.9 25.8 38.6

141 61.4 49.5 74.3



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

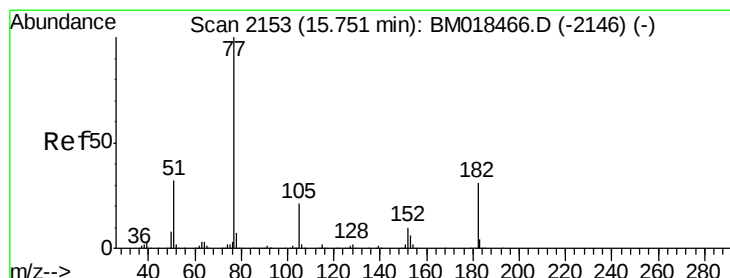
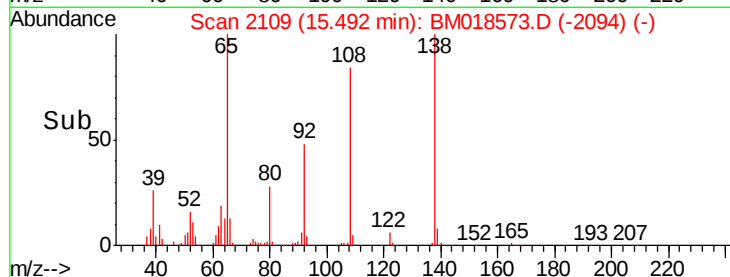
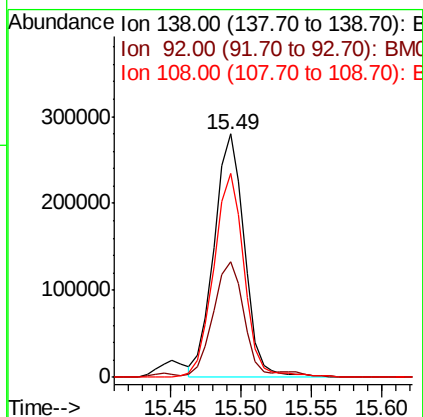
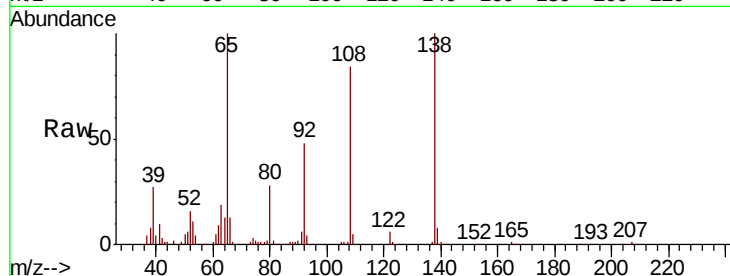




#62
4-Nitroaniline
Concen: 35.604 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

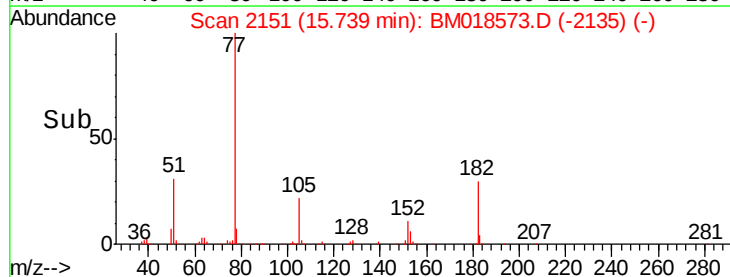
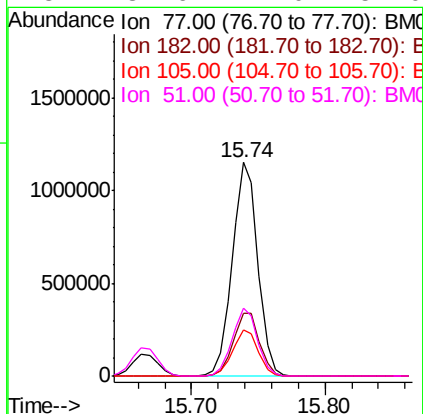
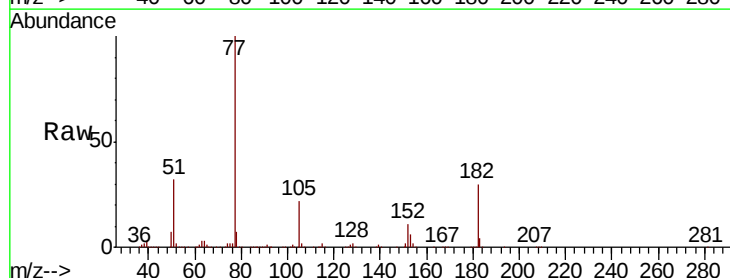
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

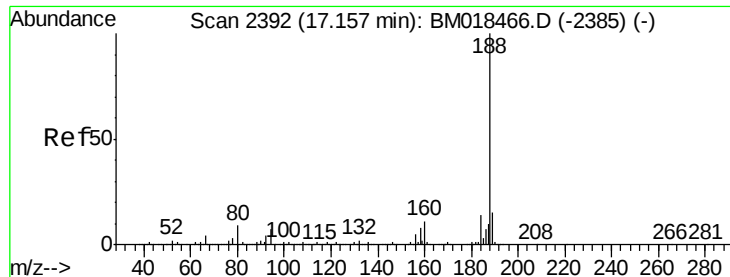
Tgt Ion: 138 Resp: 416612
Ion Ratio Lower Upper
138 100
92 47.7 29.0 69.0
108 83.5 63.9 103.9



#63
Azobenzene
Concen: 36.952 ng
RT: 15.74 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion: 77 Resp: 1527833
Ion Ratio Lower Upper
77 100
182 29.5 7.4 47.4
105 21.5 0.0 39.6
51 31.6 12.0 52.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

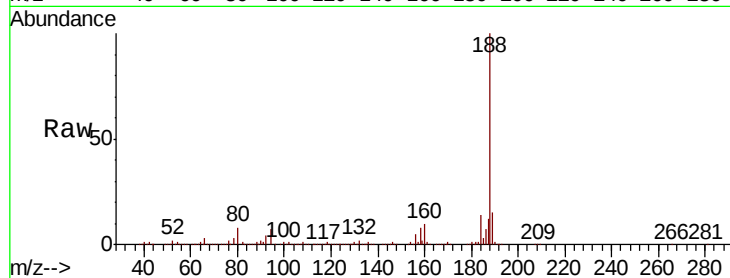
Tgt Ion:188 Resp: 1483912

Ion Ratio Lower Upper

188 100

94 7.1 7.1 10.7#

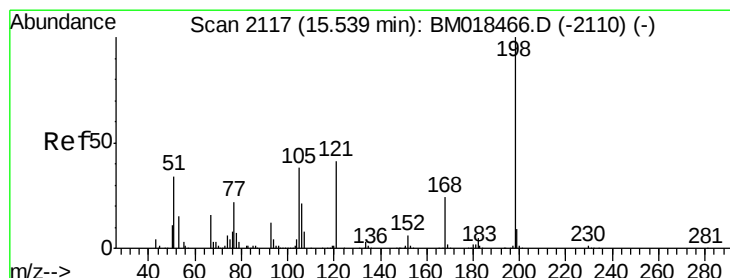
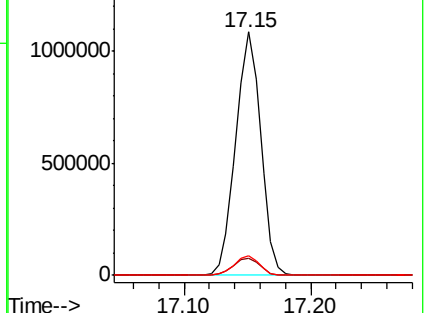
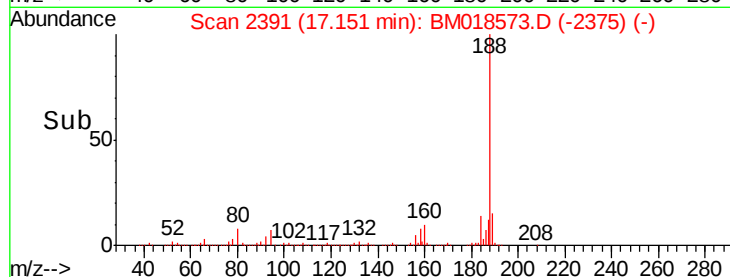
80 7.9 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

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: 34.599 ng

RT: 15.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

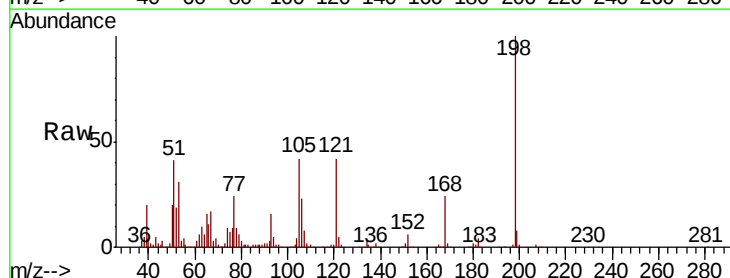
Tgt Ion:198 Resp: 311209

Ion Ratio Lower Upper

198 100

51 41.3 29.6 69.6

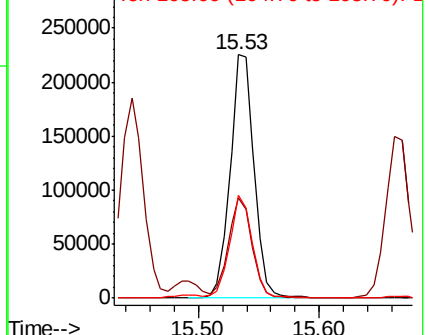
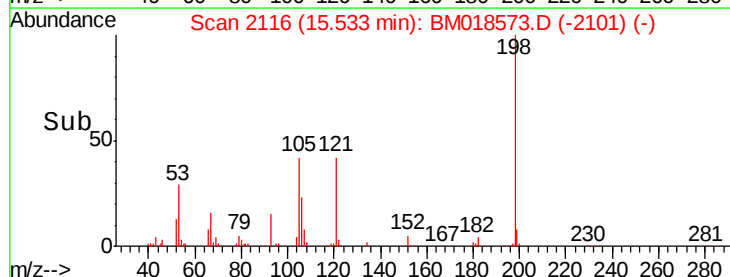
105 42.1 25.5 65.5

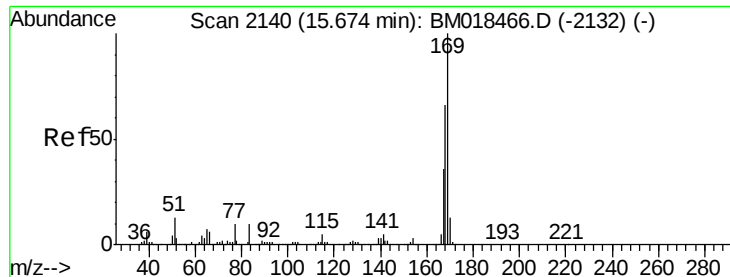


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

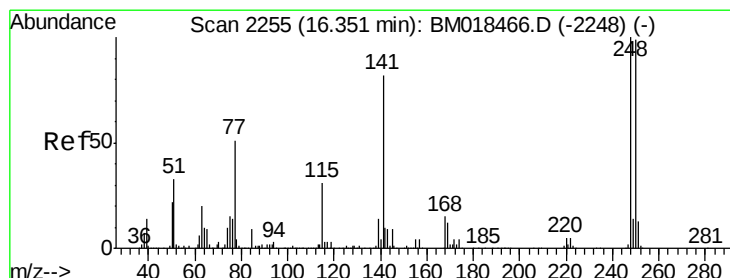
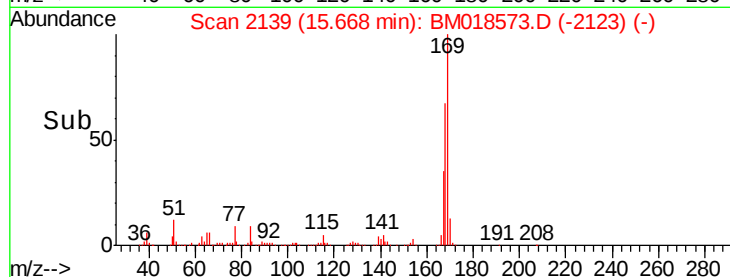
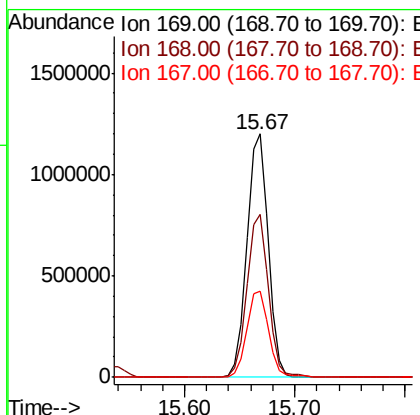
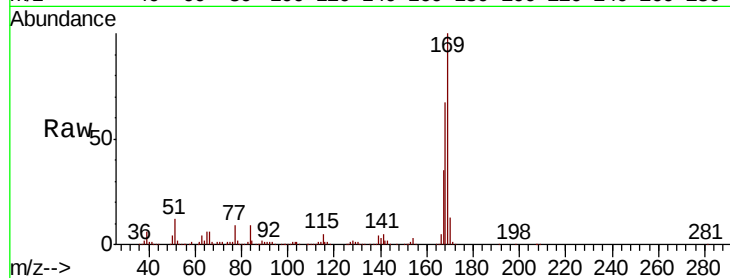




#66
 n-Nitrosodiphenylamine
 Concen: 35.313 ng
 RT: 15.67 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

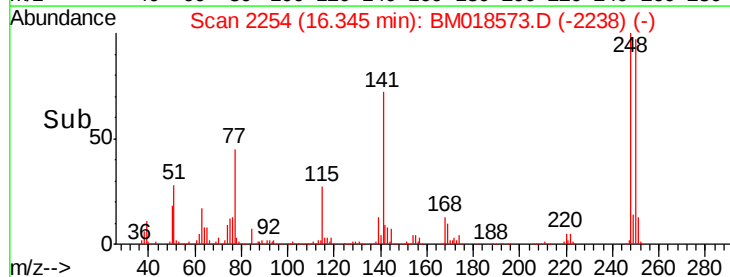
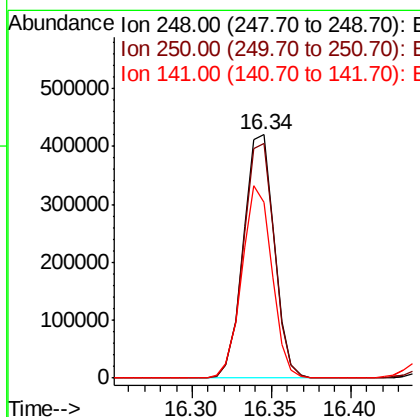
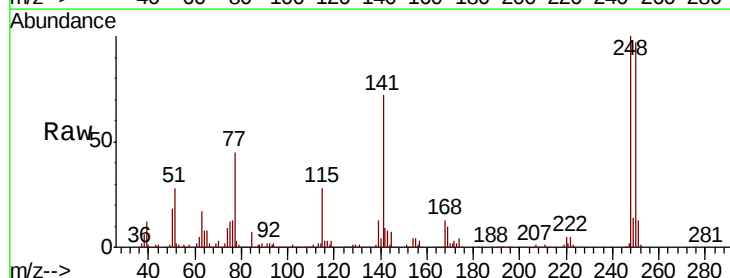
Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

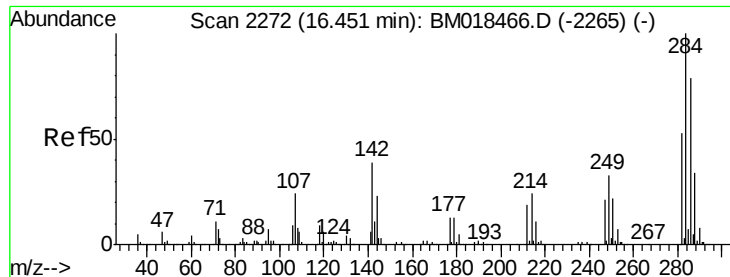
Tgt Ion:169 Resp: 1625480
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.1 81.1
 167 35.5 28.6 42.8



#67
 4-Bromophenyl-phenylether
 Concen: 34.127 ng
 RT: 16.34 min Scan# 2254
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion:248 Resp: 566701
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.0 114.0
 141 72.2 61.5 92.3

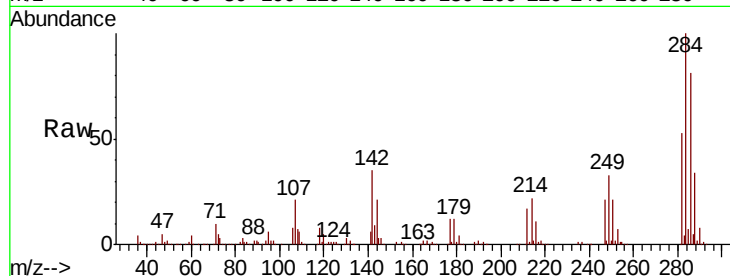




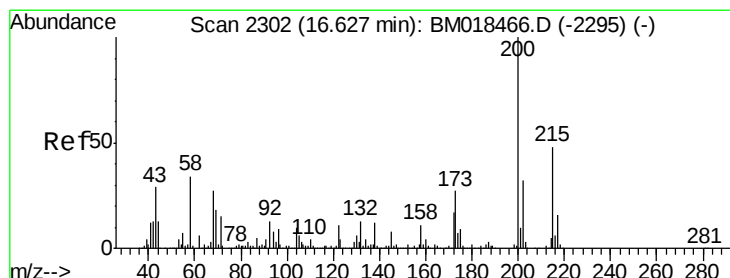
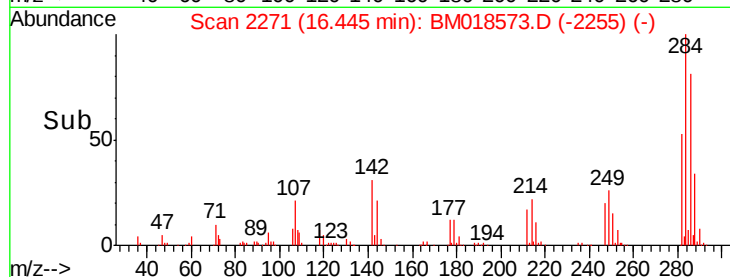
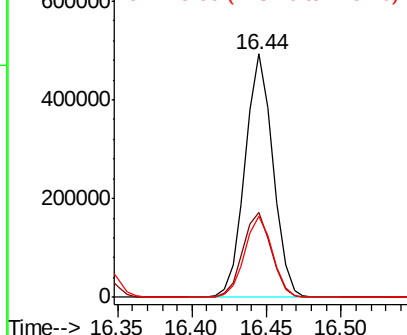
#68
Hexachlorobenzene
Concen: 34.207 ng
RT: 16.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	29.2	43.8
249	33.1	26.1	39.1

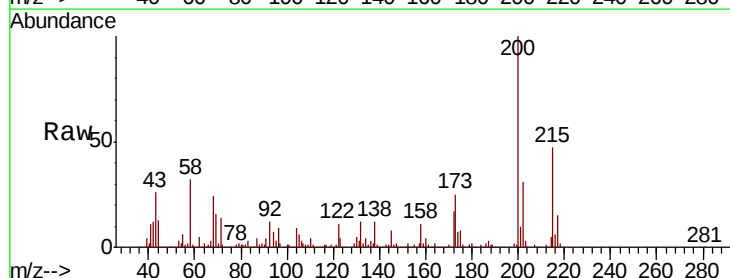


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

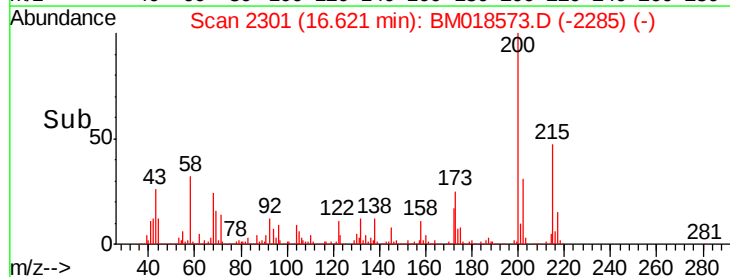
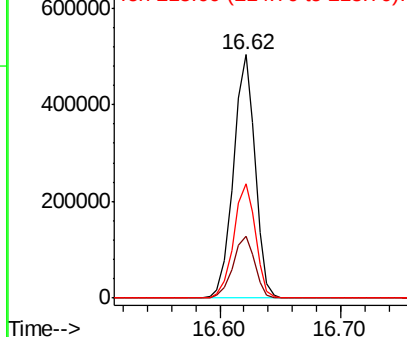


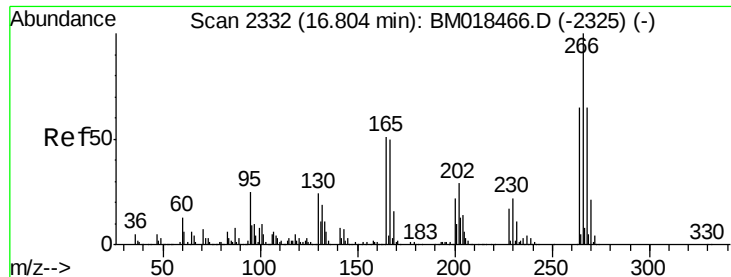
#69
Atrazine
Concen: 37.775 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.2	47.2
215	47.0	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

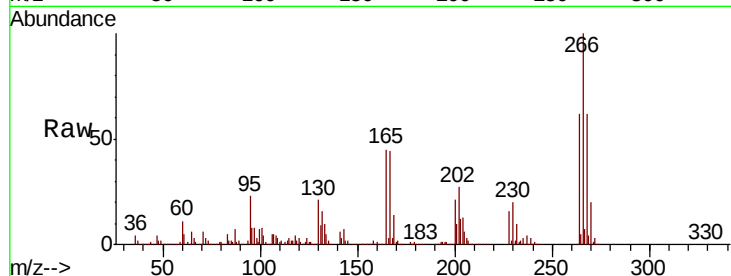




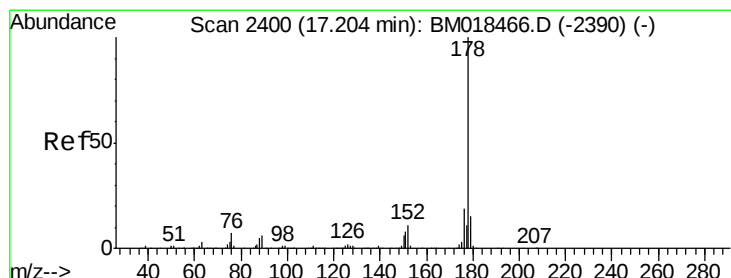
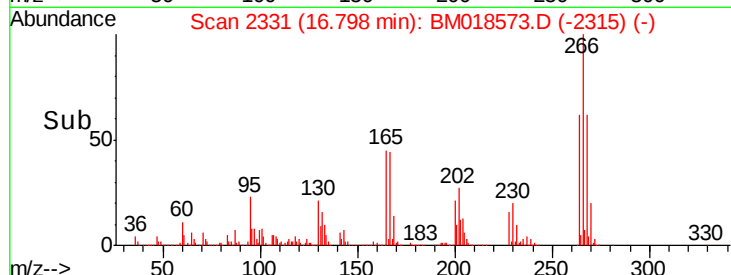
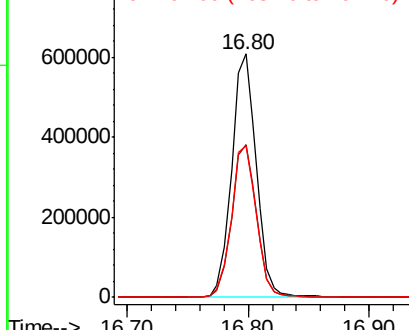
#70
Pentachlorophenol
Concen: 71.045 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tgt Ion:266 Resp: 864978
Ion Ratio Lower Upper
266 100
268 62.5 49.8 74.6
264 62.2 50.1 75.1

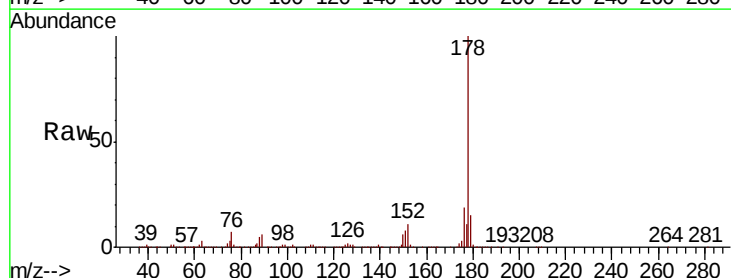


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

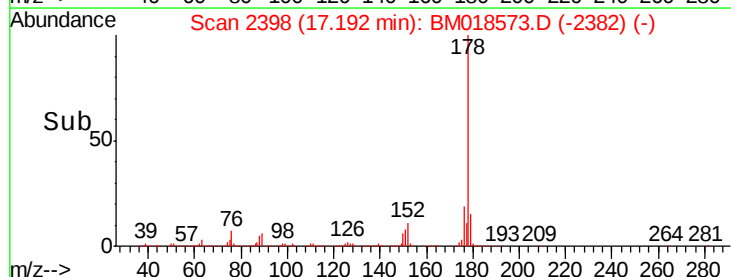
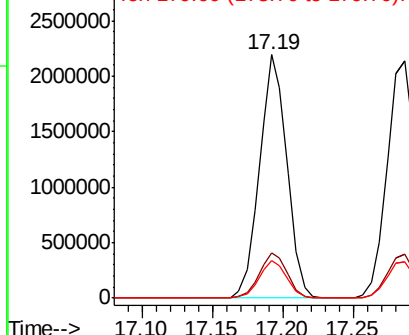


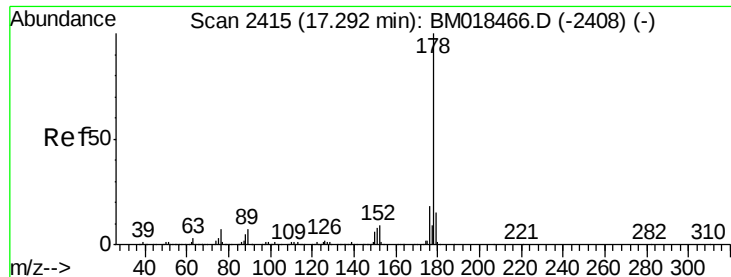
#71
Phenanthrene
Concen: 37.875 ng
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion:178 Resp: 2989409
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.5 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: 40.030 ng

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

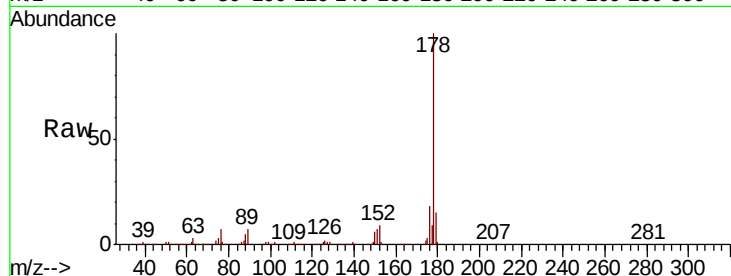
Tgt Ion:178 Resp: 3038243

Ion Ratio Lower Upper

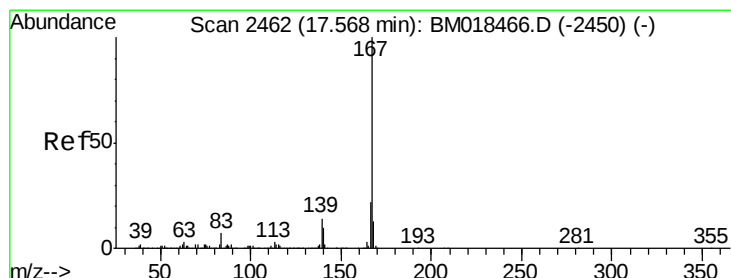
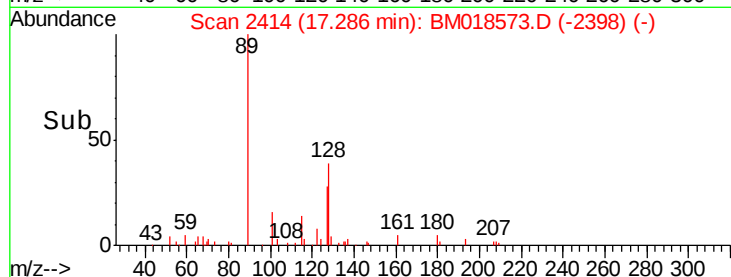
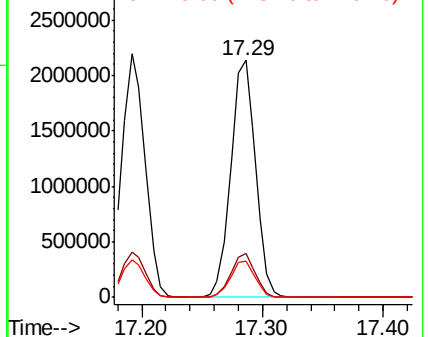
178 100

176 18.3 14.7 22.1

179 15.5 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: 36.732 ng

RT: 17.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

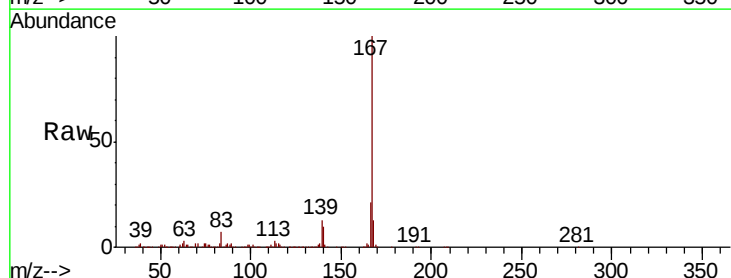
Tgt Ion:167 Resp: 2864254

Ion Ratio Lower Upper

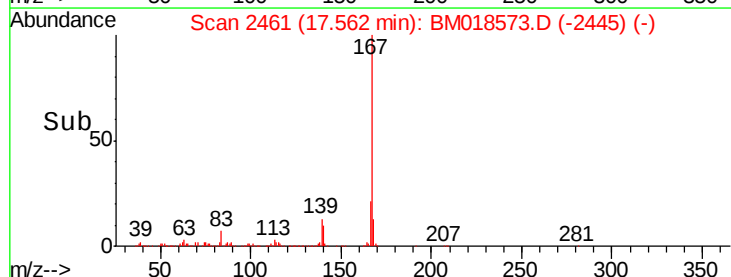
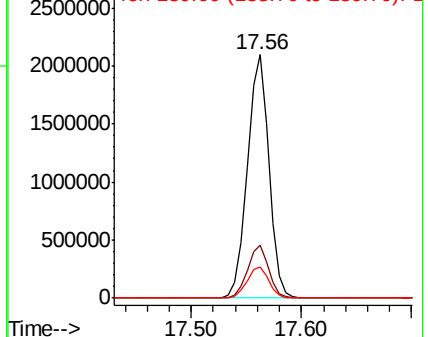
167 100

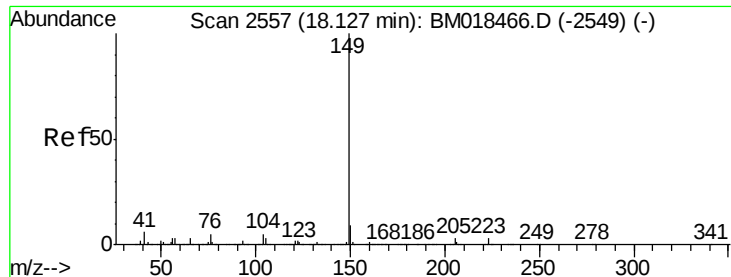
166 21.5 17.4 26.2

139 12.8 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: 40.042 ng

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

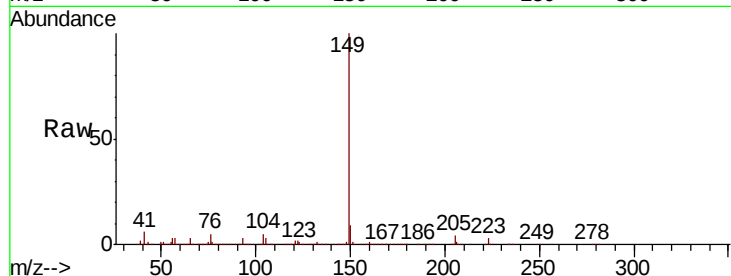
Tgt Ion:149 Resp: 3420214

Ion Ratio Lower Upper

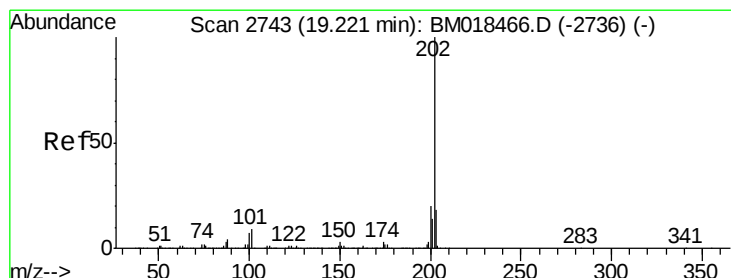
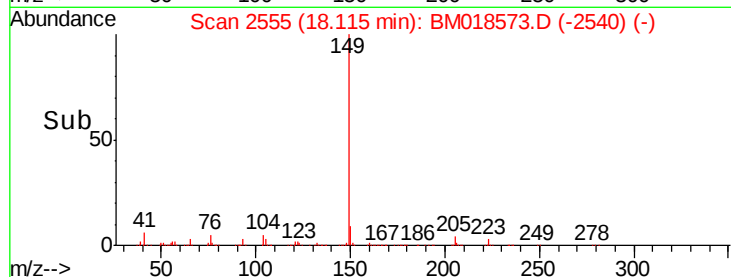
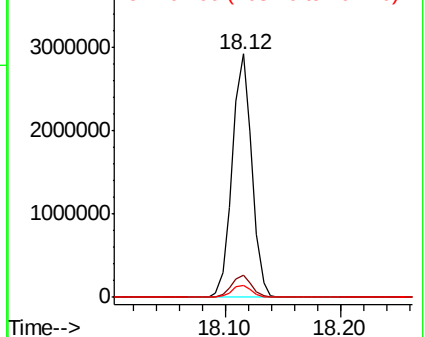
149 100

150 9.1 7.3 10.9

104 5.0 4.2 6.4



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



#75

Fluoranthene

Concen: 40.680 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

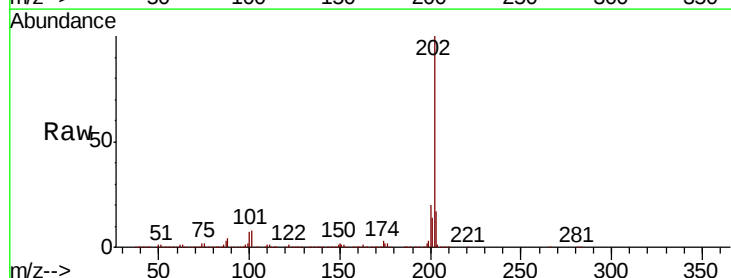
Tgt Ion:202 Resp: 3701869

Ion Ratio Lower Upper

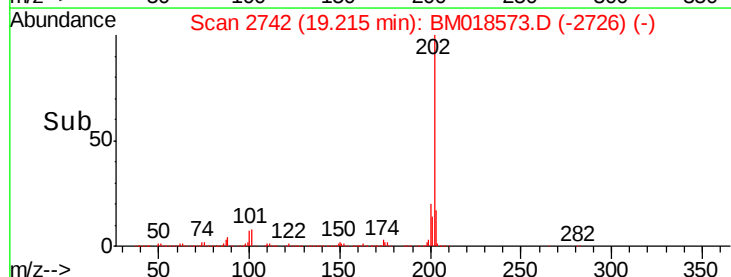
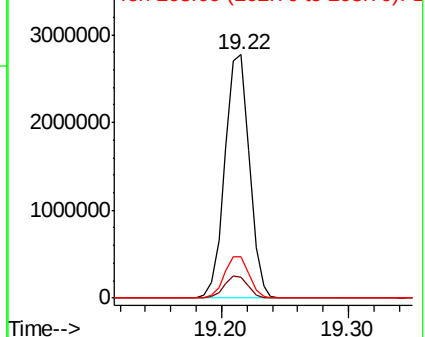
202 100

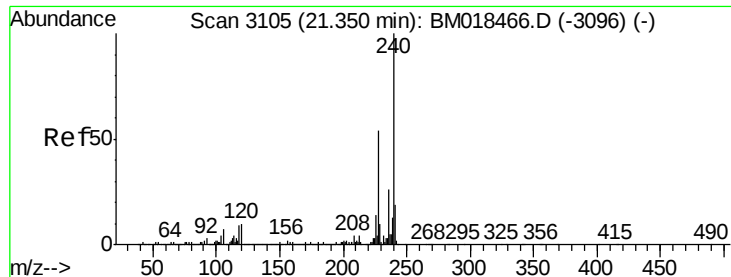
101 8.3 0.0 30.9

203 17.2 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

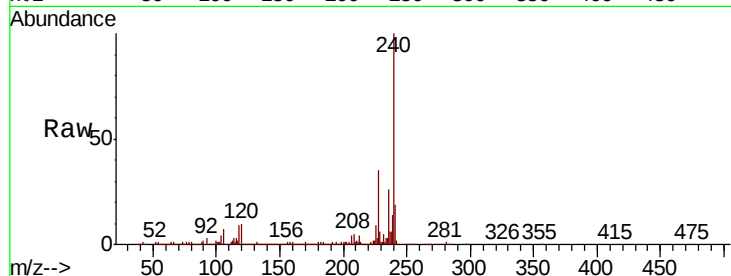
Tgt Ion:240 Resp: 1762481

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

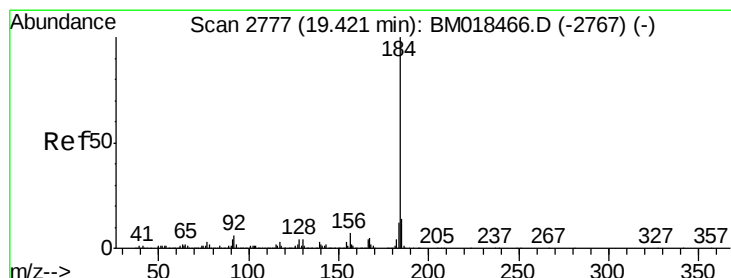
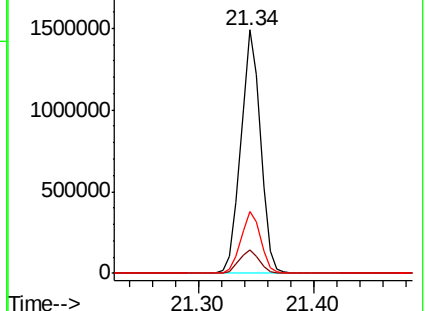
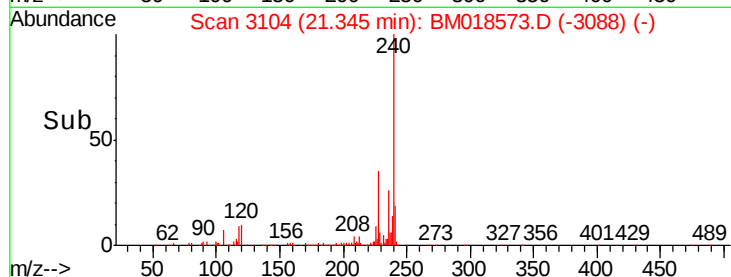
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 28.559 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

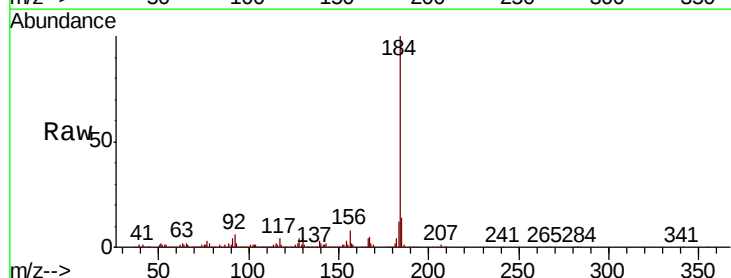
Tgt Ion:184 Resp: 1242858

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

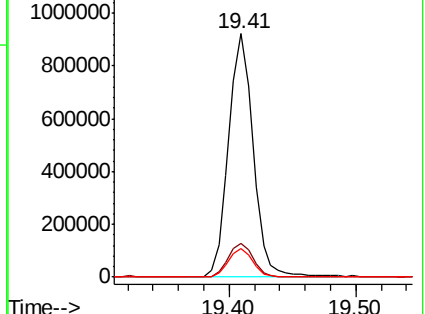
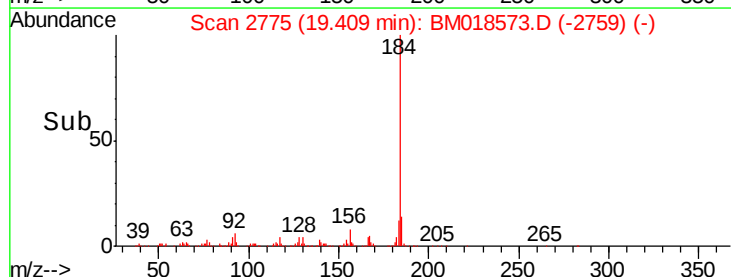
183 11.9 9.5 14.3

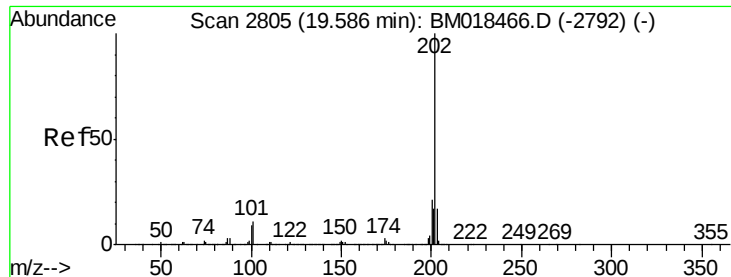


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

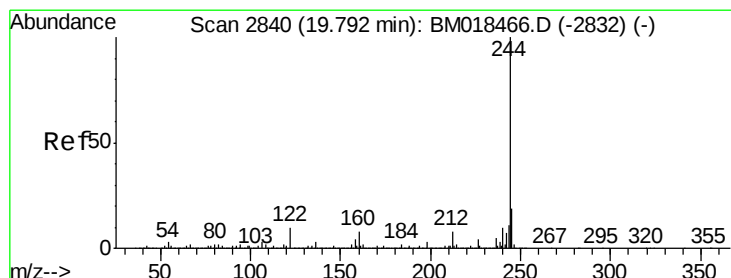
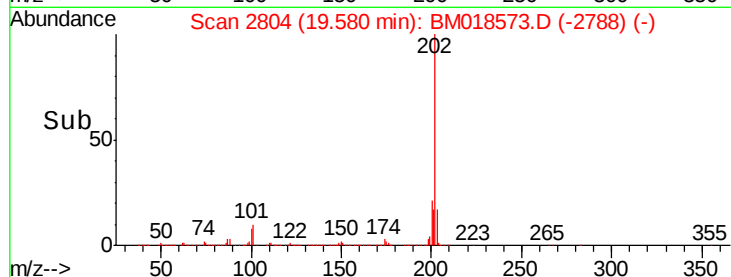
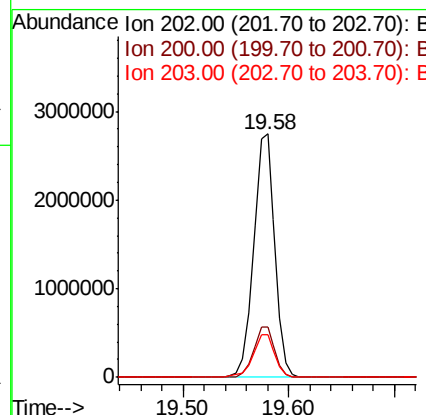
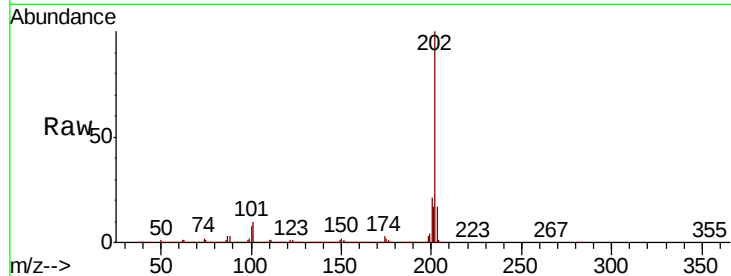




#78
 Pyrene
 Concen: 36.502 ng
 RT: 19.58 min Scan# 2804
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

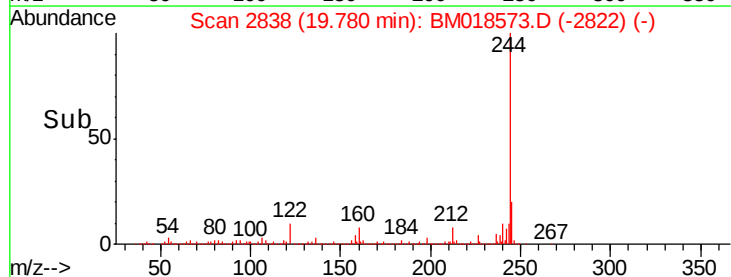
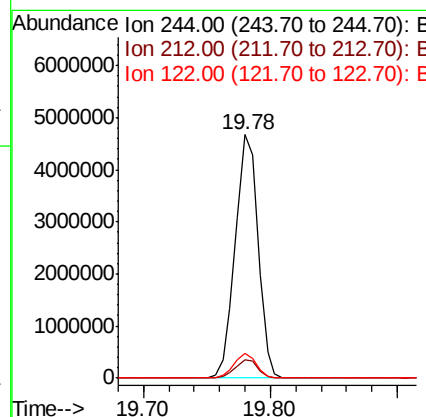
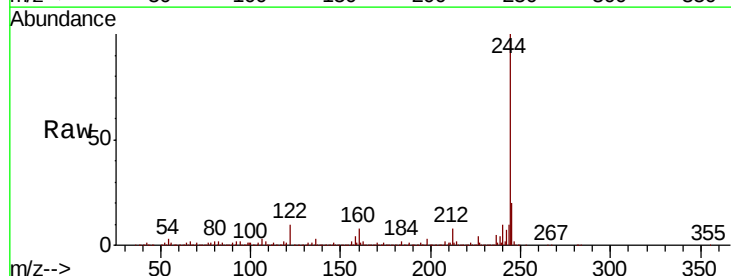
Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

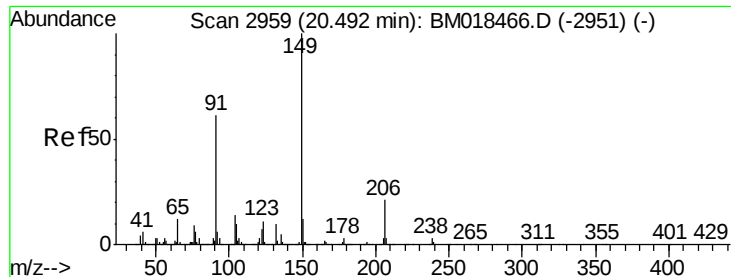
Tgt Ion: 202 Resp: 3813415
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 24.8
 203 17.3 13.8 20.8



#79
 Terphenyl-d14
 Concen: 68.994 ng
 RT: 19.78 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion: 244 Resp: 5768464
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.2 9.0 13.4

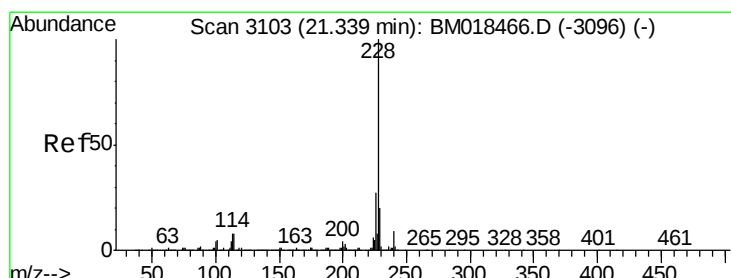
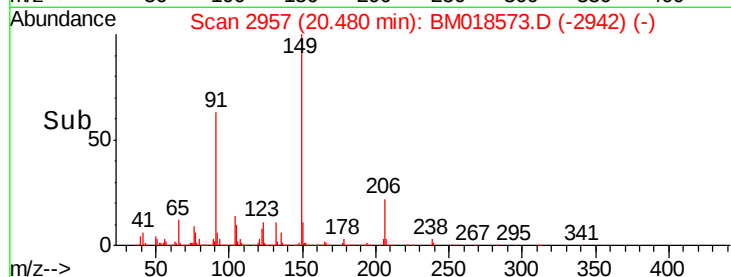
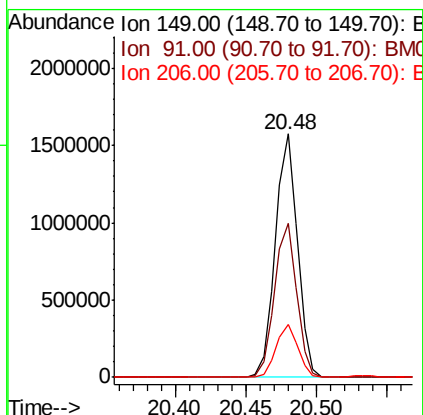
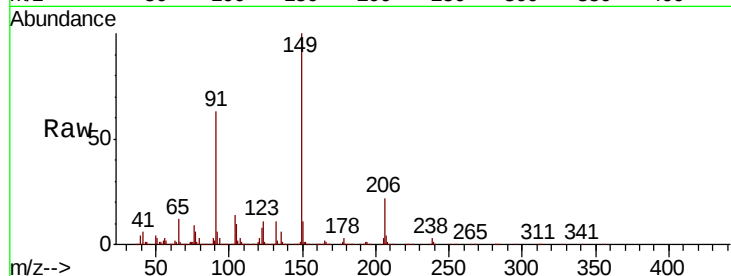




#80
Butylbenzylphthalate
Concen: 38.872 ng
RT: 20.48 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

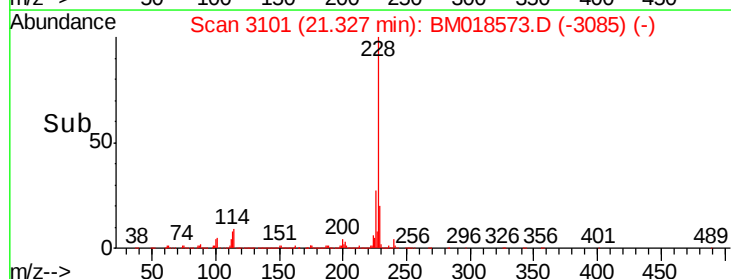
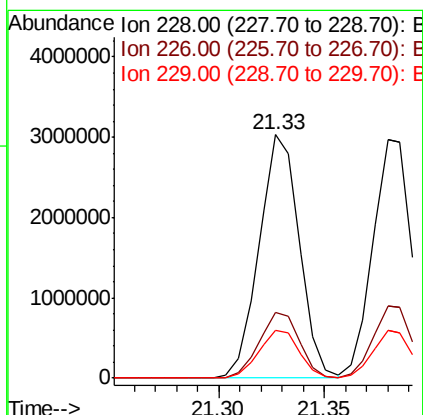
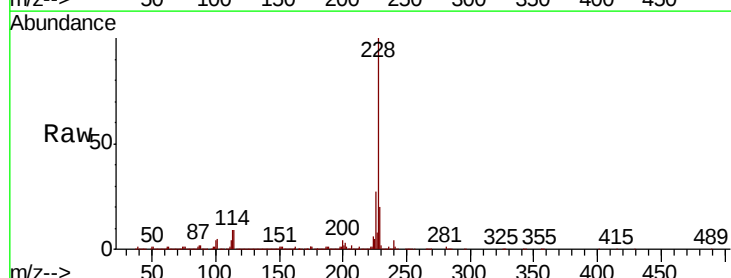
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

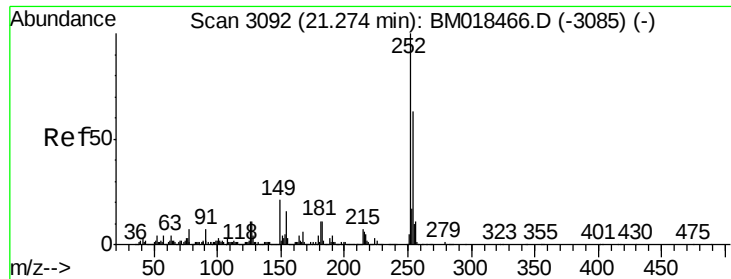
Tgt Ion:149 Resp: 1732873
Ion Ratio Lower Upper
149 100
91 63.2 53.1 79.7
206 21.6 16.2 24.4



#81
Benzo(a)anthracene
Concen: 38.650 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion:228 Resp: 4013001
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 19.8 15.8 23.8

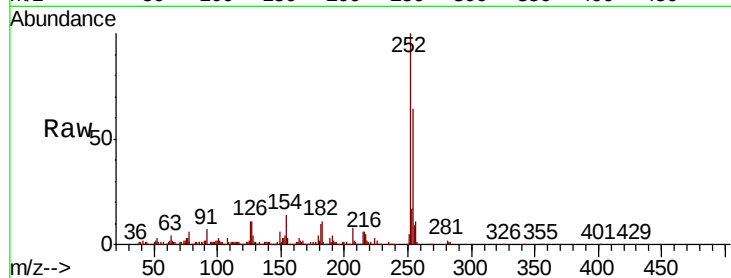




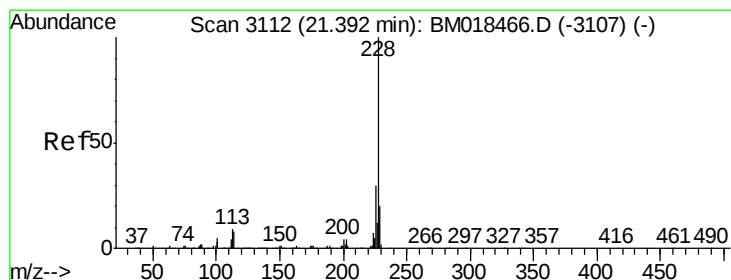
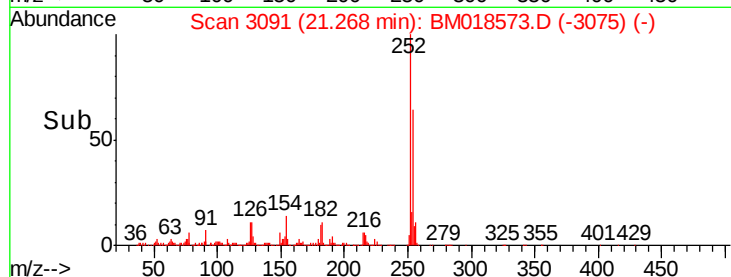
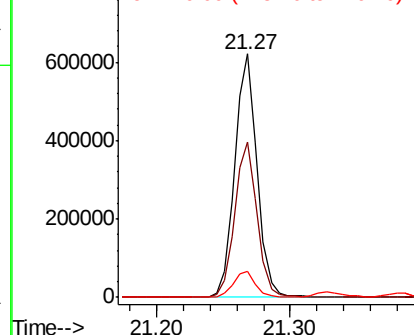
#82
 3,3'-Dichlorobenzidine
 Concen: 18.551 ng
 RT: 21.27 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tgt Ion:252 Resp: 728383
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.4 77.0
 126 10.5 8.7 13.1

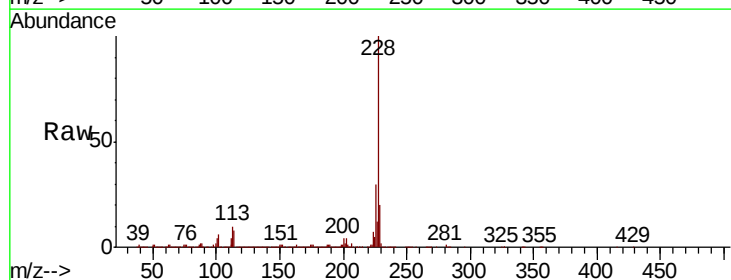


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

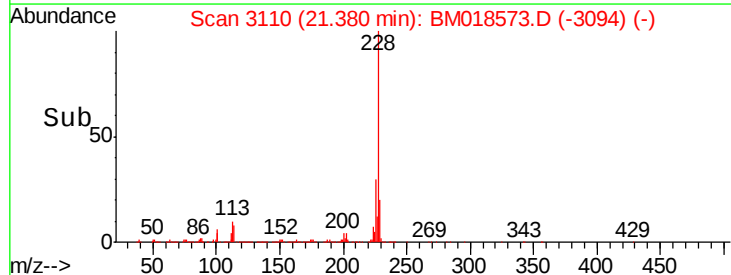
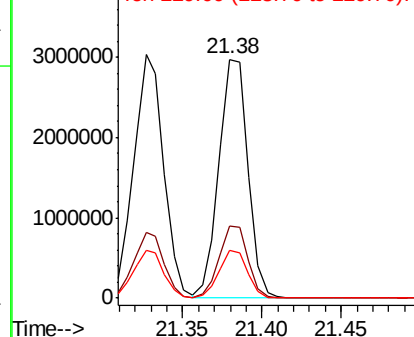


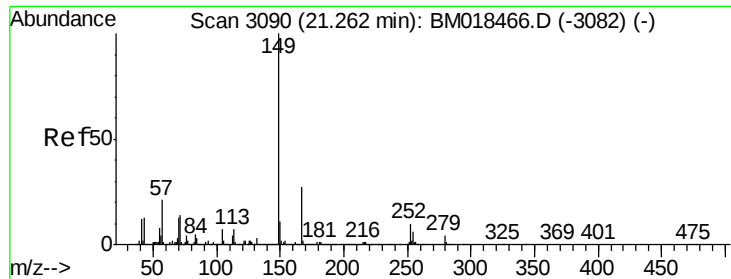
#83
 Chrysene
 Concen: 37.781 ng
 RT: 21.38 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion:228 Resp: 3788071
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.7 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: 38.528 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

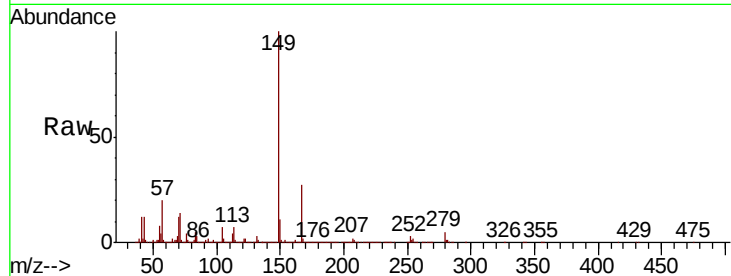
BNA_M

ClientSampleId :

QD-01-011019MS

Tgt Ion:149 Resp: 2480138

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	4.6	3.3	4.9

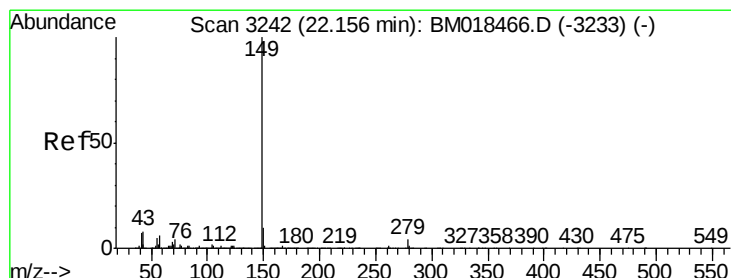
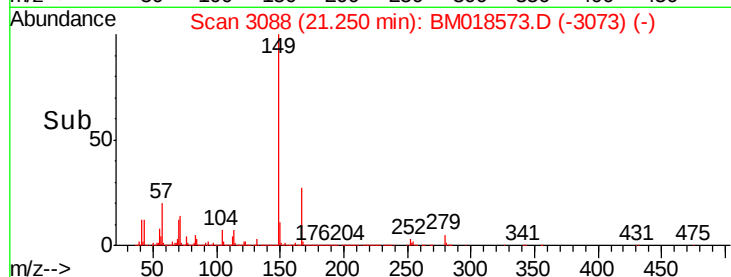
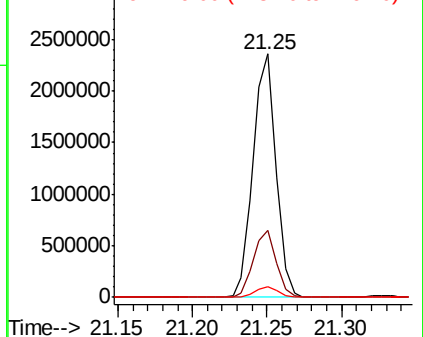


Abundance

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: 41.416 ng

RT: 22.14 min Scan# 3239

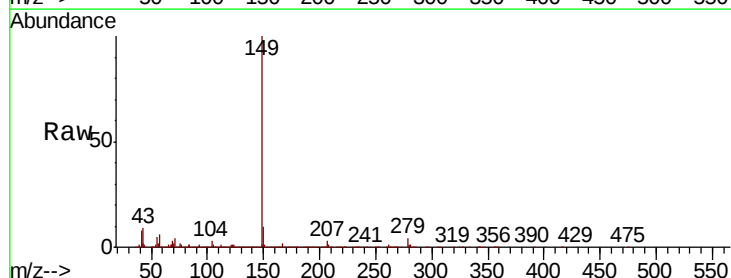
Delta R.T. -0.02 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Tgt Ion:149 Resp: 4484047

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	8.6	12.8#

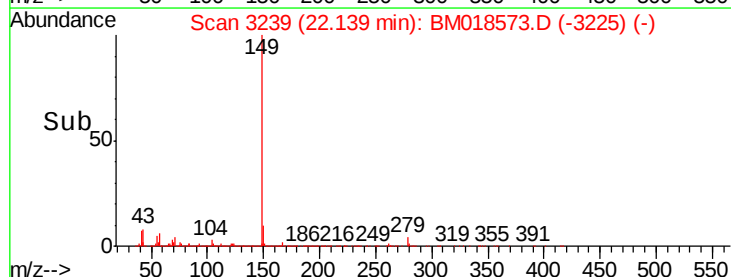
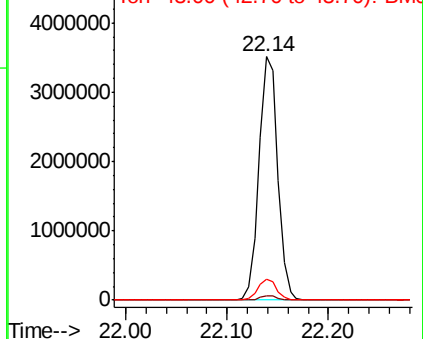


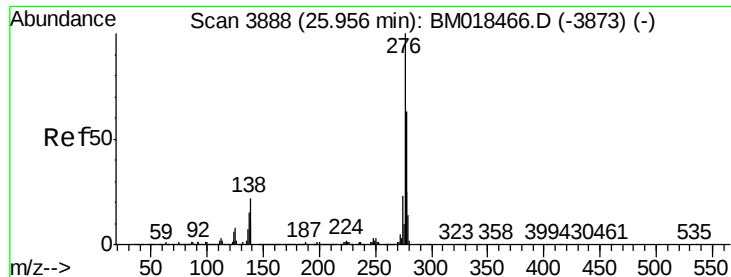
Abundance

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: 42.930 ng

RT: 25.94 min Scan# 3886

Delta R.T. -0.00 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

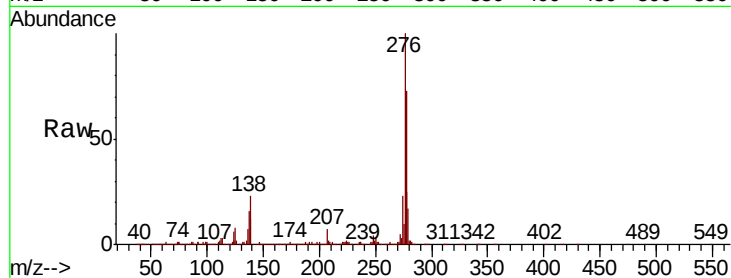
Tgt Ion:276 Resp: 4963361

Ion Ratio Lower Upper

276 100

138 23.4 21.5 32.3

277 25.3 20.2 30.2

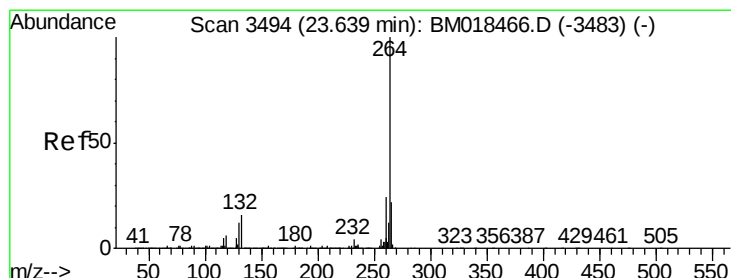
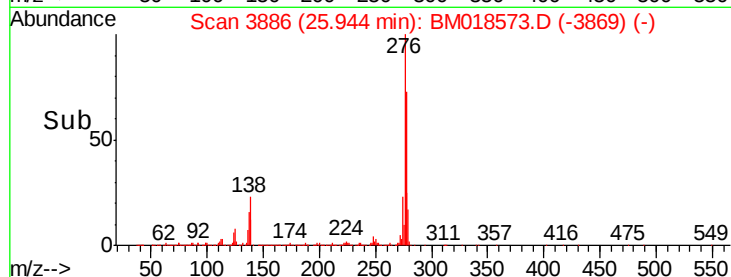
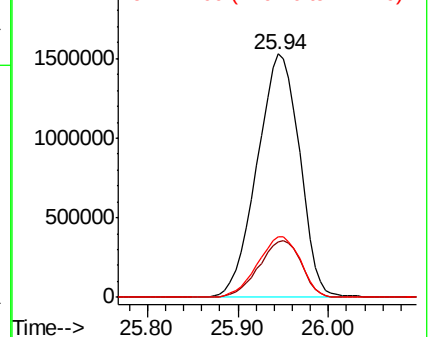


Abundance

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# 3492

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

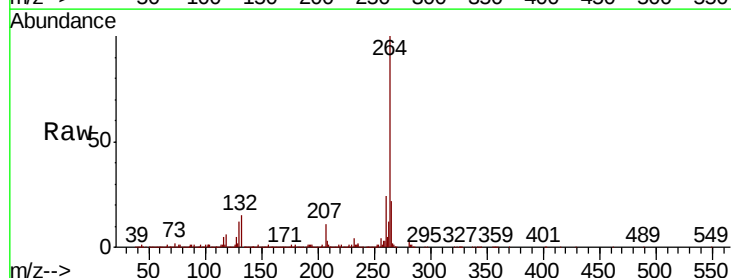
Tgt Ion:264 Resp: 1919929

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.5 16.8 25.2

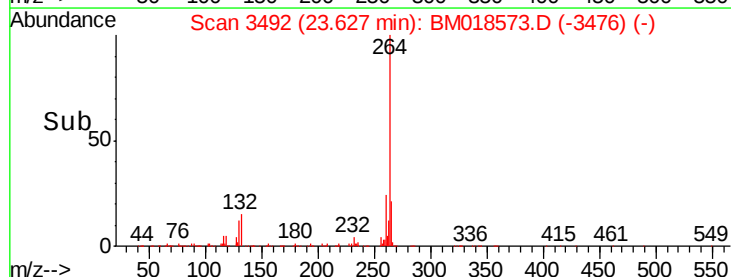
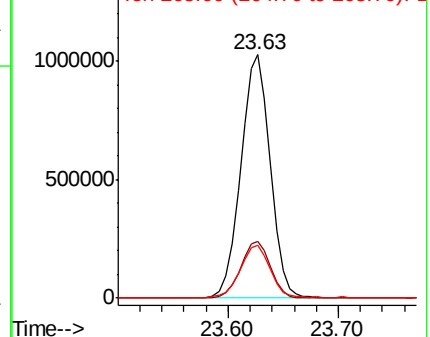


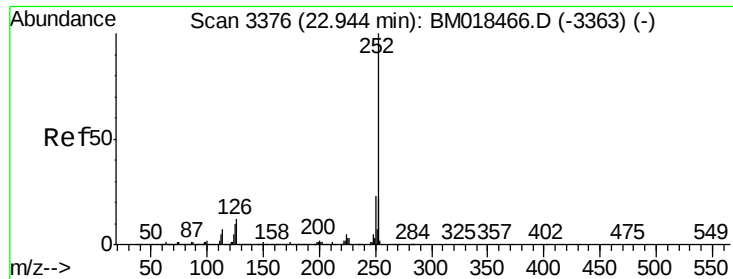
Abundance

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

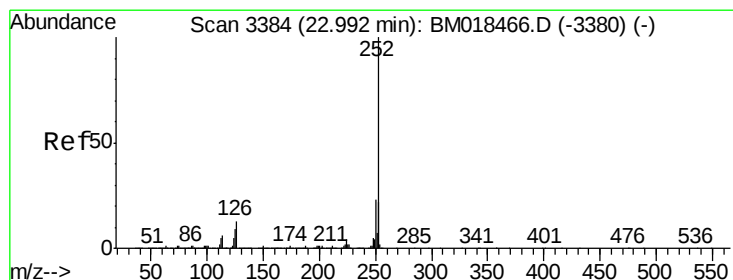
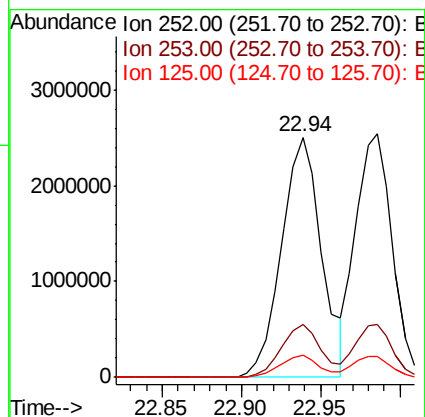
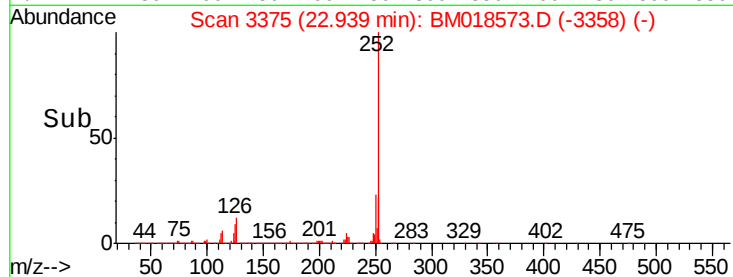
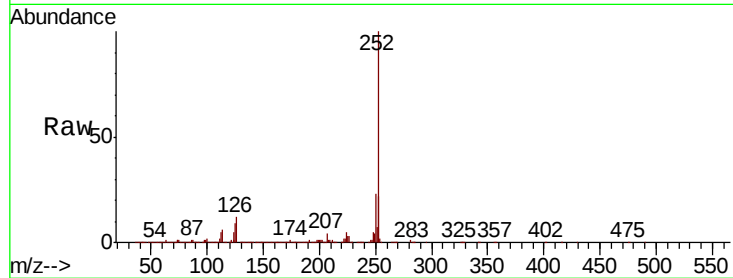




#88
Benzo(b)fluoranthene
Concen: 40.270 ng
RT: 22.94 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

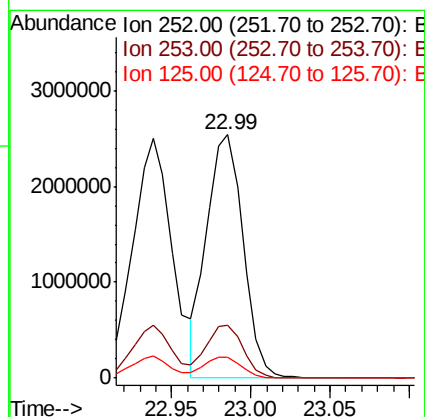
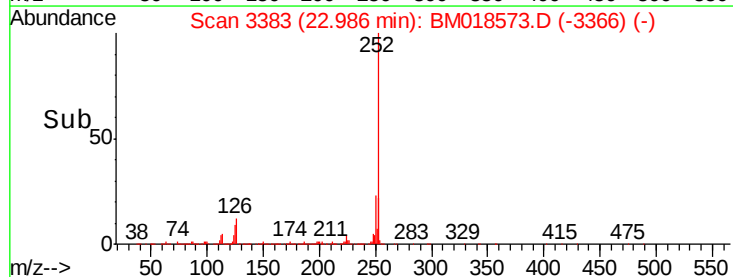
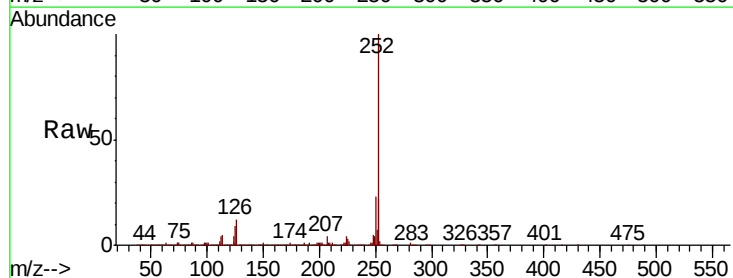
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

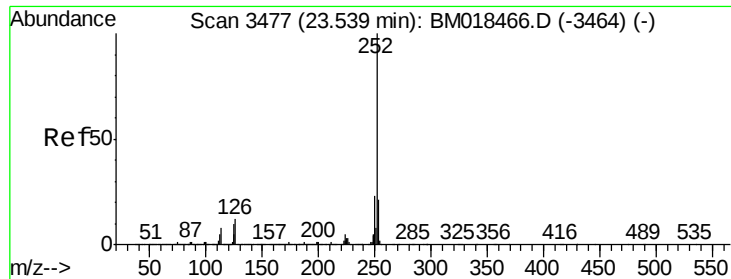
Tgt Ion:252 Resp: 4389379
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.2 8.5 12.7



#89
Benzo(k)fluoranthene
Concen: 36.847 ng
RT: 22.99 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion:252 Resp: 4047496
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 8.8 8.6 12.8





#90

Benzo(a)pyrene

Concen: 39.894 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

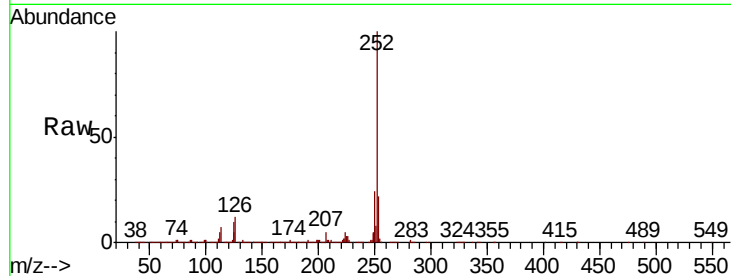
Tgt Ion:252 Resp: 4162997

Ion Ratio Lower Upper

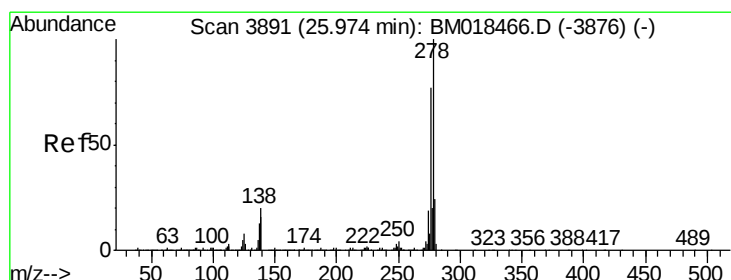
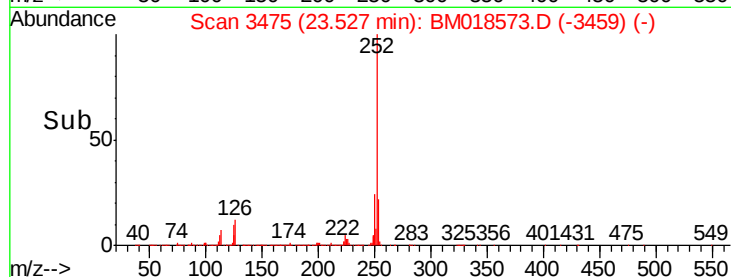
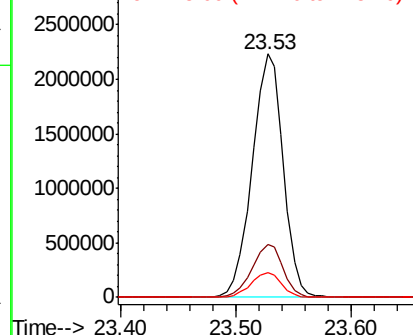
252 100

253 21.6 17.5 26.3

125 10.0 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: 39.536 ng

RT: 25.96 min Scan# 3889

Delta R.T. -0.00 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

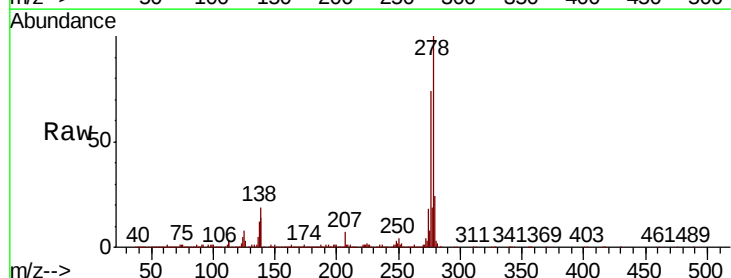
Tgt Ion:278 Resp: 4180310

Ion Ratio Lower Upper

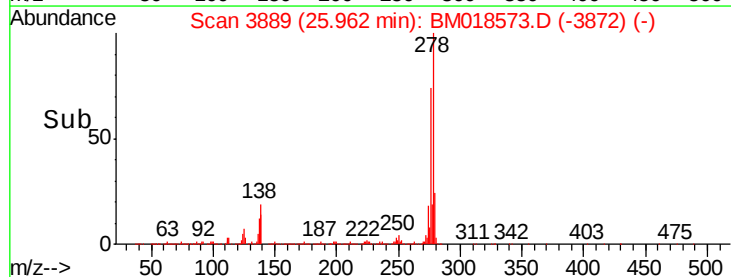
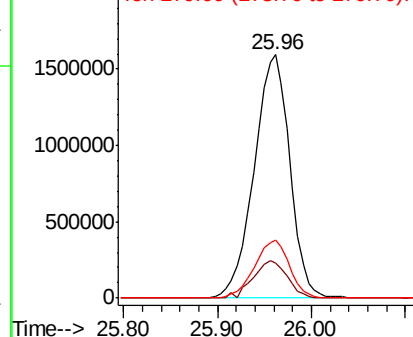
278 100

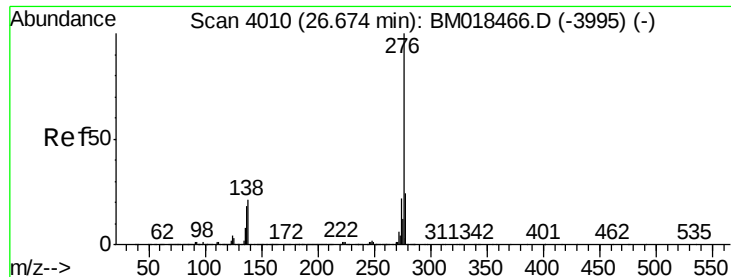
139 14.5 13.2 19.8

279 23.6 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(g,h,i)perylene

Concen: 39.836 ng

RT: 26.66 min Scan# 4008

Delta R.T. 0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

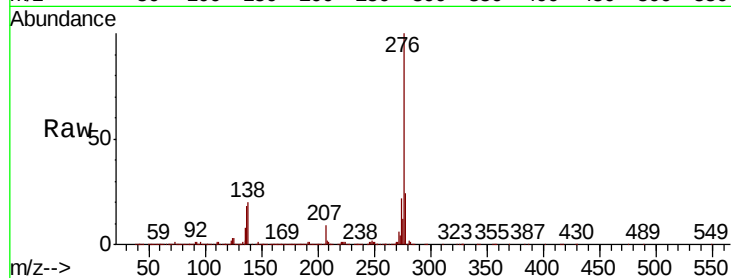
Tgt Ion:276 Resp: 4098769

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

