

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012819\
 Data File : BM018674.D
 Acq On : 28 Jan 2019 21:09
 Operator : JU/SJ
 Sample : K1011-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

Quant Time: Jan 29 00:44:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	215195	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	858194	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	477896	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1077547	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1154403	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1176026	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1486379	127.54	ng	-0.01
7) Phenol-d6	6.90	99	1724580	116.51	ng	0.00
23) Nitrobenzene-d5	8.89	82	1302655	87.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	894879	147.06	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	3249006	88.71	ng	-0.01
79) Terphenyl-d14	19.76	244	4995517	91.22	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	160656	33.823	ng	# 60
3) Pyridine	3.67	79	404209	34.132	ng	97
4) n-Nitrosodimethylamine	3.58	42	221556	45.243	ng	# 95
6) Aniline	7.07	93	179647	10.880	ng	100
8) 2-Chlorophenol	7.29	128	622941	45.767	ng	95
9) Benzaldehyde	6.88	77	115755	11.168	ng	99
10) Phenol	6.93	94	582773	38.744	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	517878	43.818	ng	95
12) 1,3-Dichlorobenzene	7.61	146	657690	40.574	ng	98
13) 1,4-Dichlorobenzene	7.76	146	673556	40.997	ng	98
14) 1,2-Dichlorobenzene	8.07	146	649873	41.716	ng	99
15) Benzyl Alcohol	7.97	79	502371	46.990	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	662616	43.870	ng	96
17) 2-Methylphenol	8.17	107	476653	46.684	ng	99
18) Hexachloroethane	8.79	117	244113	41.672	ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	422648	43.875	ng	95
20) 3+4-Methylphenols	8.50	107	633337	44.934	ng	98
22) Acetophenone	8.55	105	865042	40.747	ng	98
24) Nitrobenzene	8.93	77	632512	43.424	ng	98
25) Isophorone	9.45	82	1146355	51.137	ng	98
26) 2-Nitrophenol	9.64	139	337925	47.979	ng	96
27) 2,4-Dimethylphenol	9.69	122	545730	51.694	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	709233	45.798	ng	100
29) 2,4-Dichlorophenol	10.17	162	602115	47.898	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	660135	42.308	ng	99
31) Naphthalene	10.56	128	1914760	46.328	ng	100
32) Benzoic acid	9.83	122	242730	36.025	ng	96
33) 4-Chloroaniline	10.69	127	49370	3.033	ng	# 94
34) Hexachlorobutadiene	10.83	225	397209	40.296	ng	99
35) Caprolactam	11.50	113	57644	13.487	ng	91
36) 4-Chloro-3-methylphenol	11.81	107	615547	46.674	ng	97
37) 2-Methylnaphthalene	12.18	142	1422244	48.704	ng	100
38) 1-Methylnaphthalene	12.40	142	1360602	48.155	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	742392	44.423	ng	99

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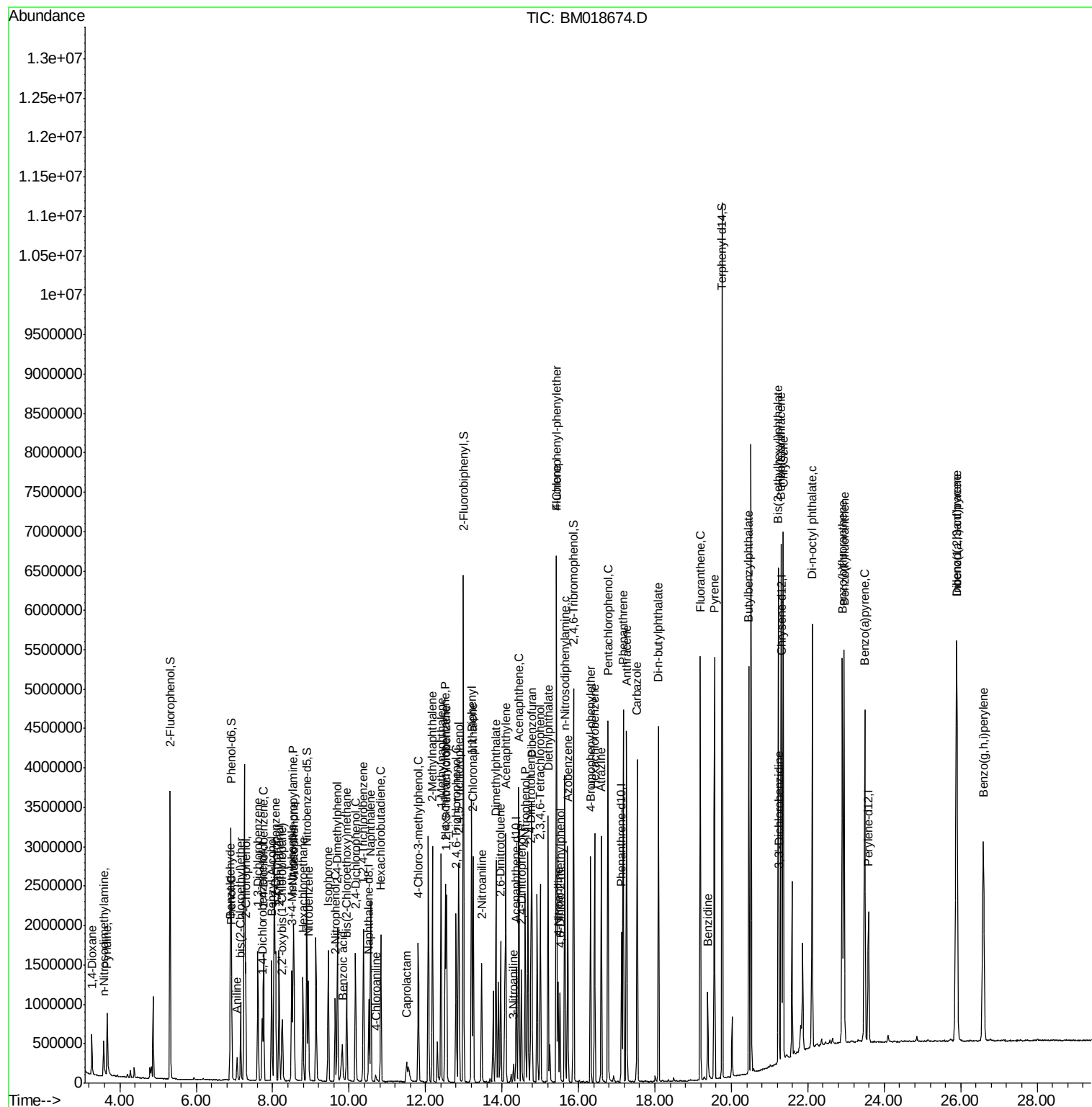
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	724470	78.988	ng	100
43) 2,4,6-Trichlorophenol	12.80	196	489648	48.249	ng	99
44) 2,4,5-Trichlorophenol	12.87	196	523634	49.061	ng	98
46) 1,1'-Biphenyl	13.20	154	1798700	43.106	ng	99
47) 2-Chloronaphthalene	13.25	162	1408798	43.538	ng	100
48) 2-Nitroaniline	13.47	65	375507	47.169	ng	90
49) Acenaphthylene	14.10	152	2278840	48.326	ng	100
50) Dimethylphthalate	13.84	163	1783966	45.453	ng	99
51) 2,6-Dinitrotoluene	13.96	165	392001	47.151	ng	94
52) Acenaphthene	14.44	154	1321324	45.795	ng	98
53) 3-Nitroaniline	14.30	138	60539	7.223	ng	94
54) 2,4-Dinitrophenol	14.50	184	312394	70.365	ng	91
55) Dibenzofuran	14.77	168	2130944	44.699	ng	99
56) 4-Nitrophenol	14.61	139	612018	84.523	ng	95
57) 2,4-Dinitrotoluene	14.76	165	551754	46.906	ng	99
58) Fluorene	15.43	166	1731574	48.759	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	480613	50.802	ng	97
60) Diethylphthalate	15.20	149	1813170	45.762	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	884451	43.212	ng	99
62) 4-Nitroaniline	15.47	138	327834	35.859	ng	97
63) Azobenzene	15.72	77	1480404	45.827	ng	97
65) 4,6-Dinitro-2-methylphenol	15.52	198	246579	37.261	ng	89
66) n-Nitrosodiphenylamine	15.64	169	1511750	45.228	ng	99
67) 4-Bromophenyl-phenylether	16.32	248	536792	44.516	ng	96
68) Hexachlorobenzene	16.42	284	602624	44.641	ng	100
69) Atrazine	16.60	200	557996	46.178	ng	99
70) Pentachlorophenol	16.77	266	751060	84.953	ng	99
71) Phenanthrene	17.17	178	2750225	47.985	ng	100
72) Anthracene	17.26	178	2796657	50.743	ng	100
73) Carbazole	17.54	167	2546172	44.967	ng	99
74) Di-n-butylphthalate	18.09	149	3102257	50.017	ng	100
75) Fluoranthene	19.19	202	3254256	49.248	ng	98
77) Benzidine	19.39	184	613281	21.516	ng	100
78) Pyrene	19.56	202	3351302	48.976	ng	100
80) Butylbenzylphthalate	20.46	149	1449835	49.654	ng	97
81) Benzo(a)anthracene	21.30	228	3352409	49.295	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	325817	12.669	ng	99
83) Chrysene	21.36	228	3162200	48.152	ng	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	2071148	49.122	ng	99
85) Di-n-octyl phthalate	22.12	149	3656242	51.559	ng	95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3768716	49.767	ng	97
88) Benzo(b)fluoranthene	22.90	252	3373208	50.523	ng	98
89) Benzo(k)fluoranthene	22.95	252	3192734	47.451	ng	98
90) Benzo(a)pyrene	23.49	252	3203475	50.118	ng	97
91) Dibenzo(a,h)anthracene	25.90	278	3197872	49.376	ng	99
92) Benzo(g,h,i)perylene	26.60	276	3119149	49.491	ng	97

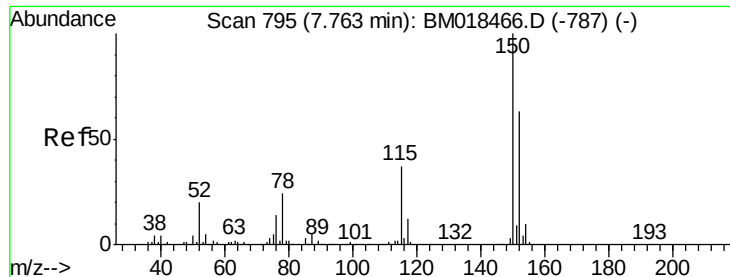
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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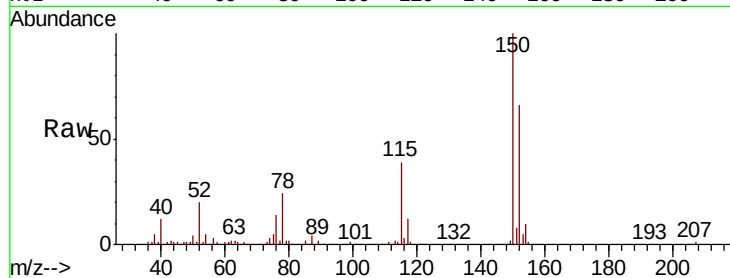


#1

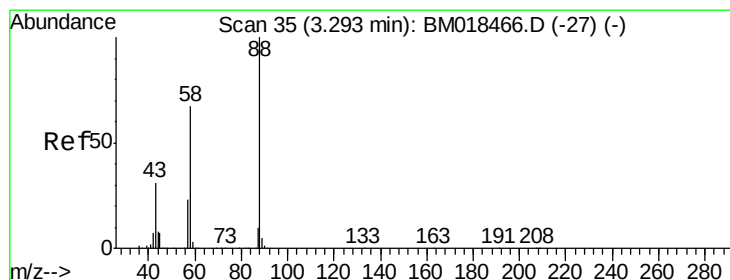
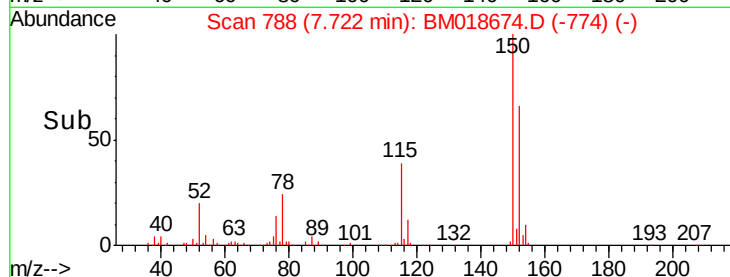
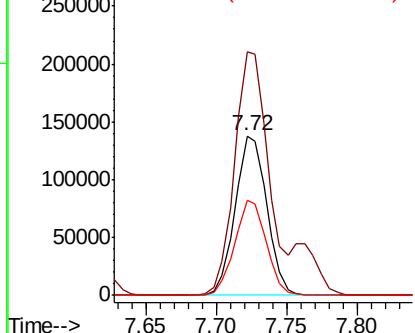
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

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Tgt Ion:152 Resp: 215195
Ion Ratio Lower Upper
152 100
150 152.6 126.9 190.3
115 59.3 45.5 68.3



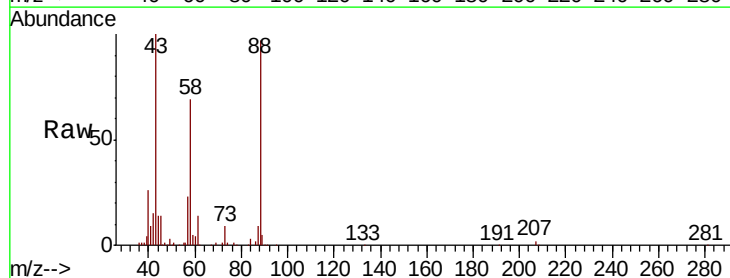
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



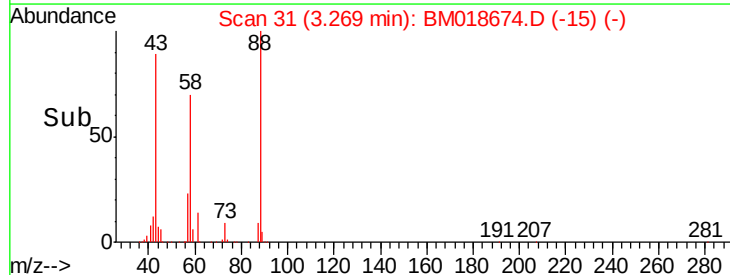
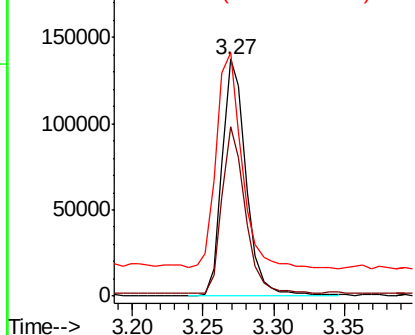
#2

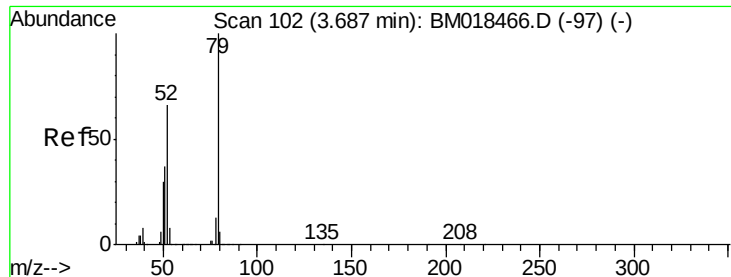
1,4-Dioxane
Concen: 33.823 ng
RT: 3.27 min Scan# 31
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion: 88 Resp: 160656
Ion Ratio Lower Upper
88 100
58 69.3 58.4 87.6
43 99.7 26.2 39.4#



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





#3

Pyridine

Concen: 34.132 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

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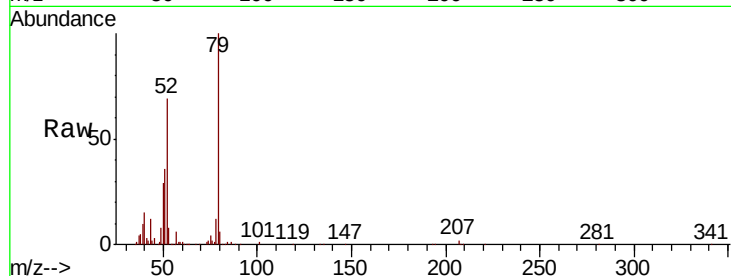
Tgt Ion: 79 Resp: 404209

Ion Ratio Lower Upper

79 100

52 69.0 56.4 84.6

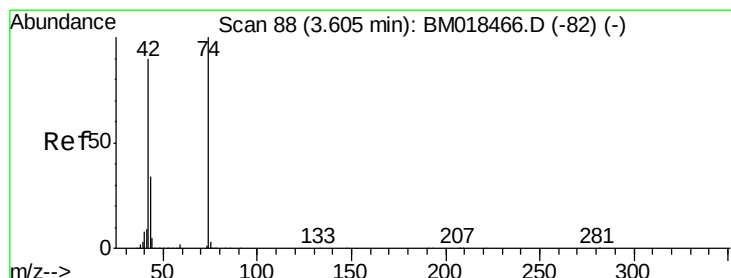
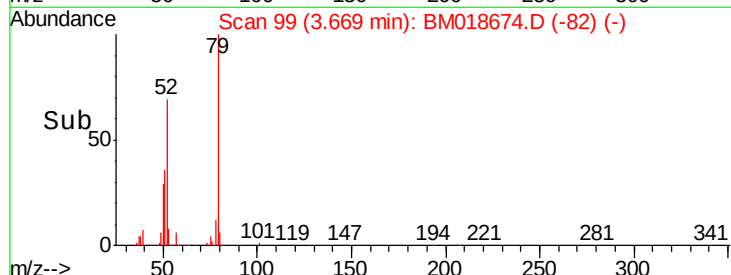
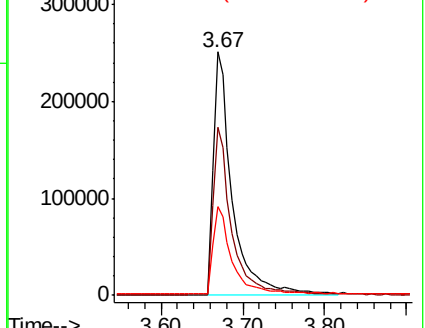
51 36.2 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018674.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018674.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018674.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 45.243 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

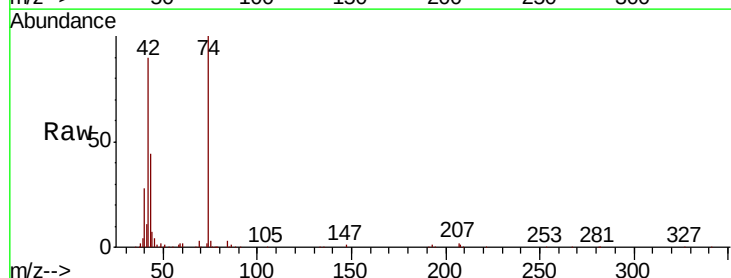
Tgt Ion: 42 Resp: 221556

Ion Ratio Lower Upper

42 100

74 111.6 88.6 132.8

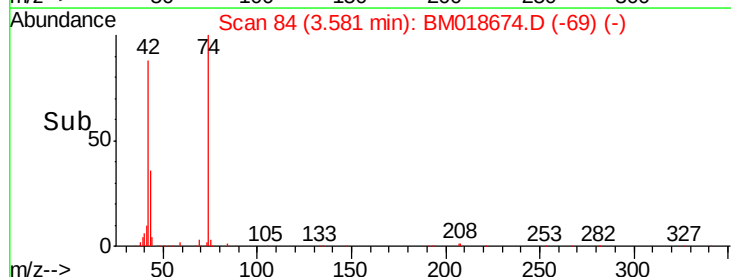
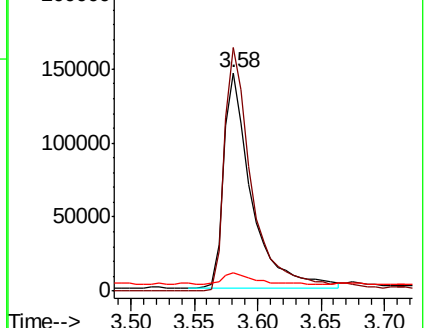
44 8.3 16.9 25.3#

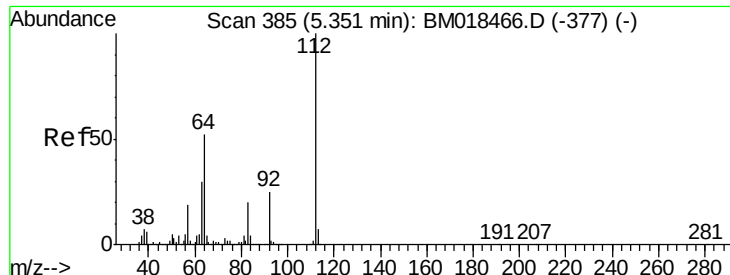


Abundance Ion 42.00 (41.70 to 42.70): BM018674.D (-69) (-)

Ion 74.00 (73.70 to 74.70): BM018674.D (-69) (-)

Ion 44.00 (43.70 to 44.70): BM018674.D (-69) (-)





#5

2-Fluorophenol

Concen: 127.540 ng

RT: 5.32 min Scan# 379

Delta R.T. -0.01 min

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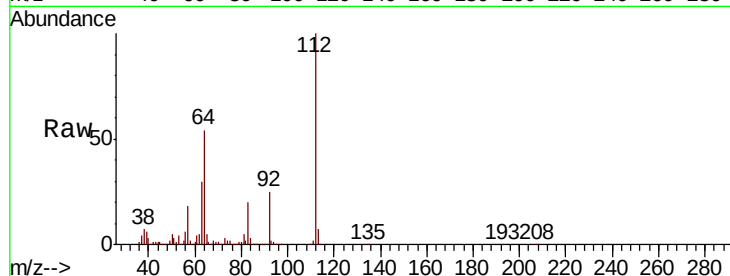
Tgt Ion:112 Resp: 1486379

Ion Ratio Lower Upper

112 100

64 54.4 46.5 69.7

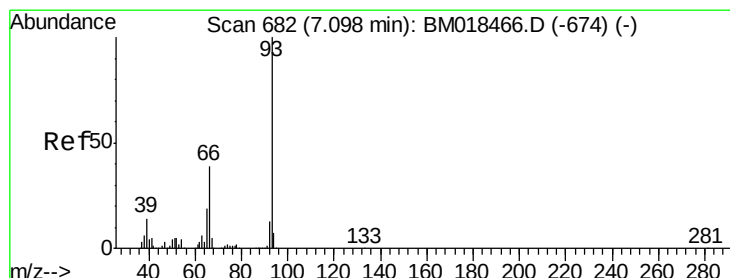
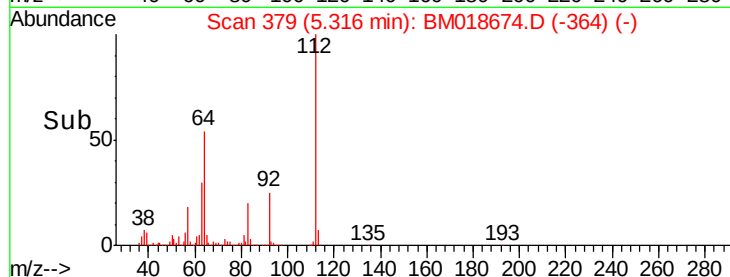
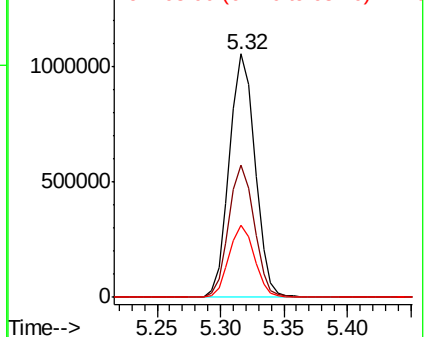
63 29.8 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 10.880 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

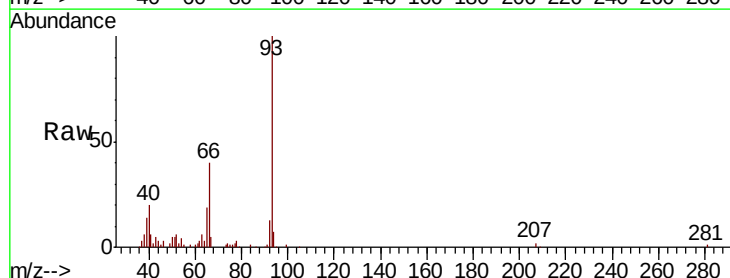
Tgt Ion: 93 Resp: 179647

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

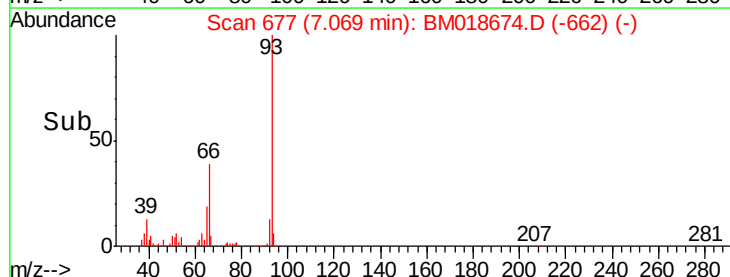
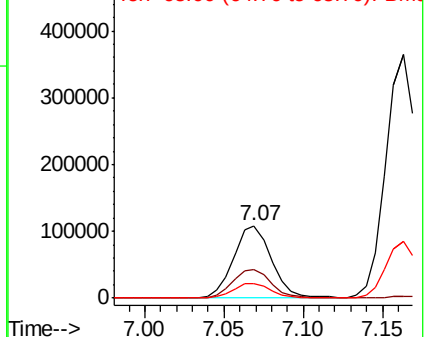
65 19.5 15.9 23.9

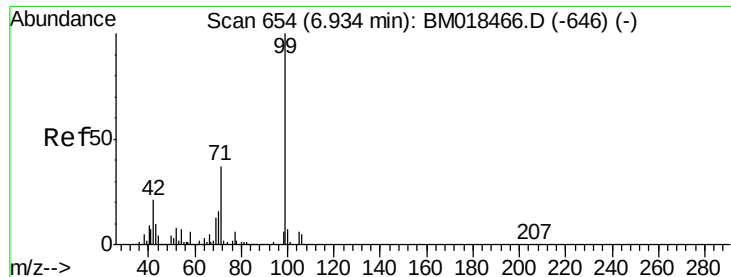


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 116.508 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

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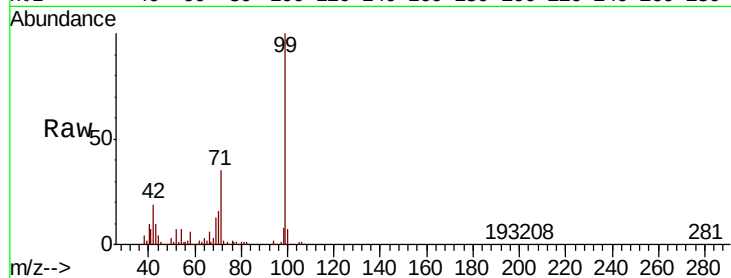
Tgt Ion: 99 Resp: 1724580

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

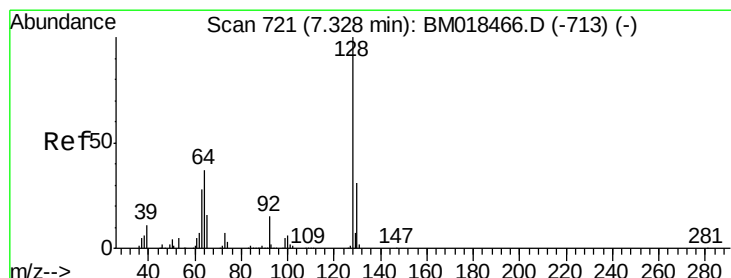
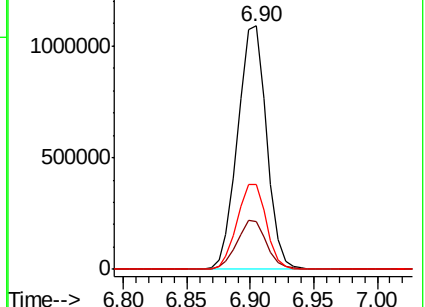
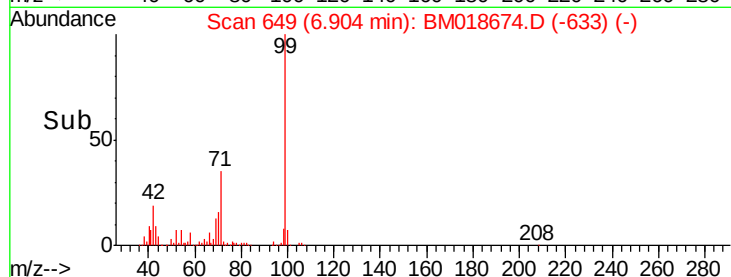
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018674.D (-633) (-)

Ion 42.00 (41.70 to 42.70): BM018674.D (-633) (-)

Ion 71.00 (70.70 to 71.70): BM018674.D (-633) (-)



#8

2-Chlorophenol

Concen: 45.767 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

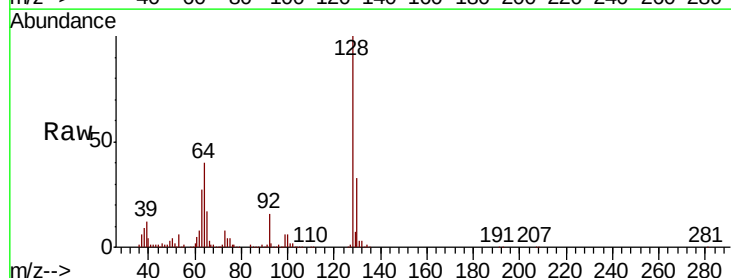
Tgt Ion: 128 Resp: 622941

Ion Ratio Lower Upper

128 100

130 32.5 13.6 53.6

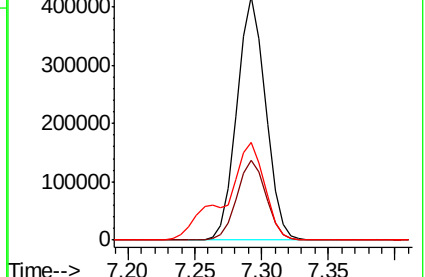
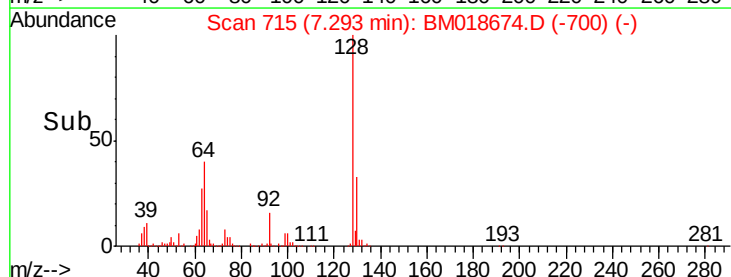
64 39.9 24.8 64.8

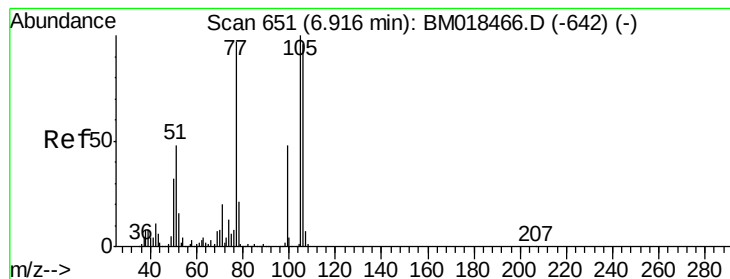


Abundance Ion 128.00 (127.70 to 128.70): BM018674.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM018674.D (-700) (-)

Ion 64.00 (63.70 to 64.70): BM018674.D (-700) (-)





#9

Benzaldehyde

Concen: 11.168 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

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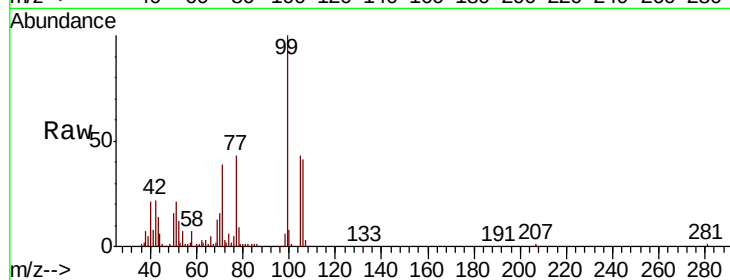
Tgt Ion: 77 Resp: 115755

Ion Ratio Lower Upper

77 100

105 98.3 79.7 119.7

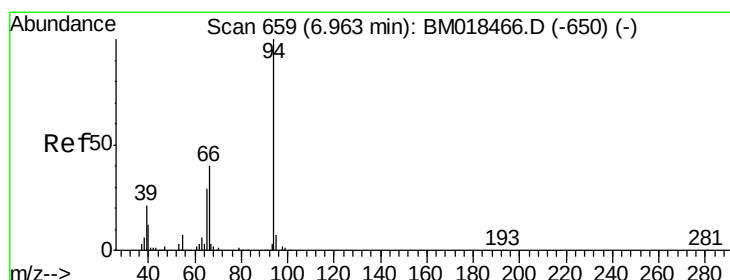
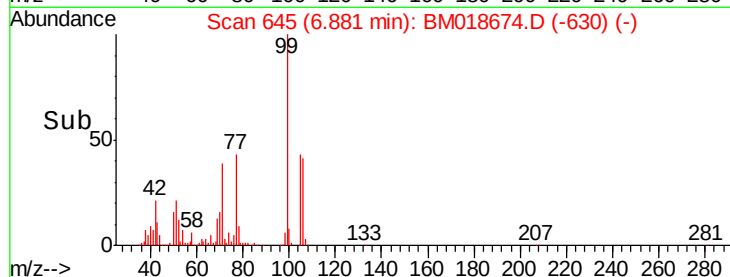
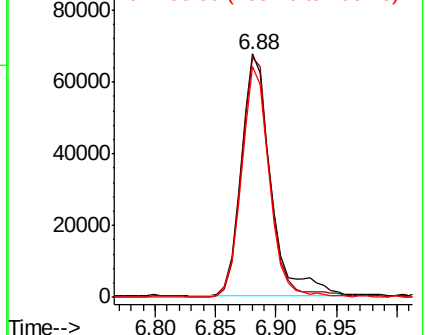
106 94.9 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018674.D (-645) (-)

Ion 105.00 (104.70 to 105.70): BM018674.D (-645) (-)

Ion 106.00 (105.70 to 106.70): BM018674.D (-645) (-)



#10

Phenol

Concen: 38.744 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

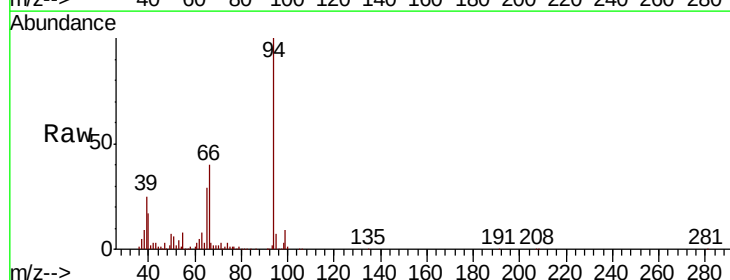
Tgt Ion: 94 Resp: 582773

Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

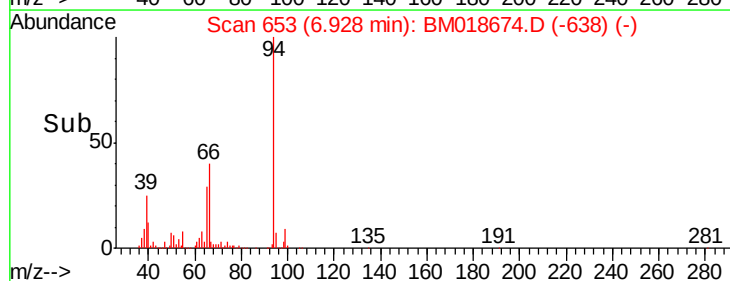
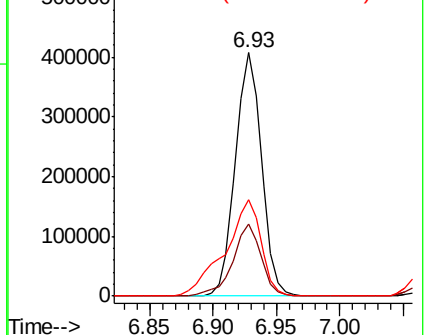
66 39.8 19.1 59.1

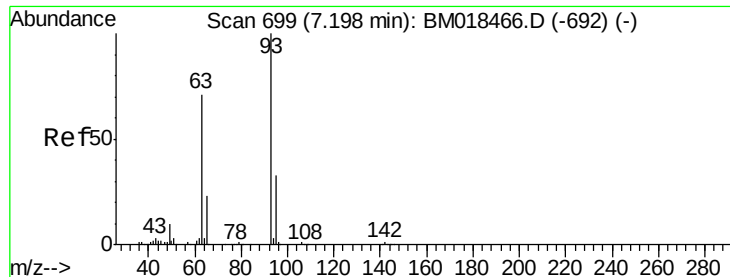


Abundance Ion 94.00 (93.70 to 94.70): BM018674.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM018674.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM018674.D (-653) (-)

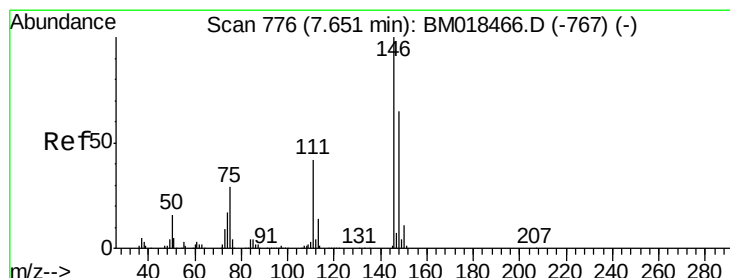
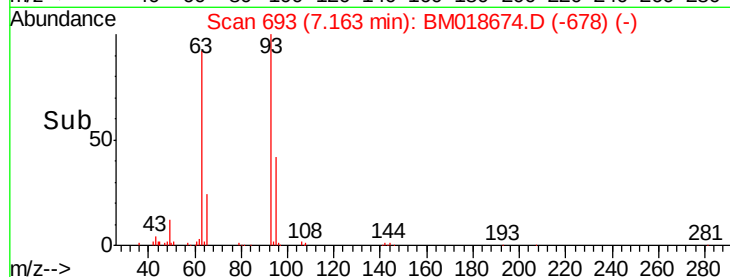
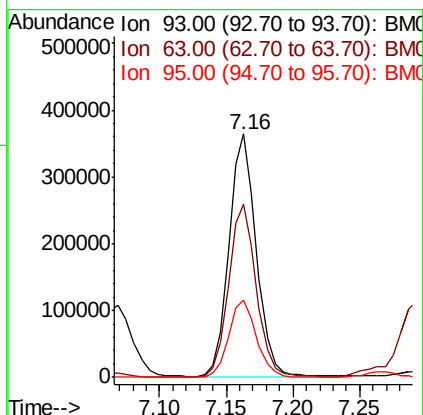
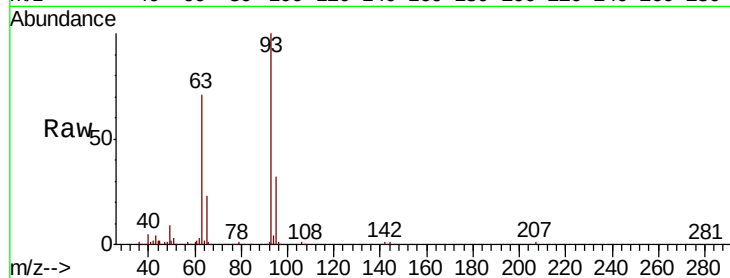




#11
 bis(2-Chloroethyl)ether
 Concen: 43.818 ng
 RT: 7.16 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

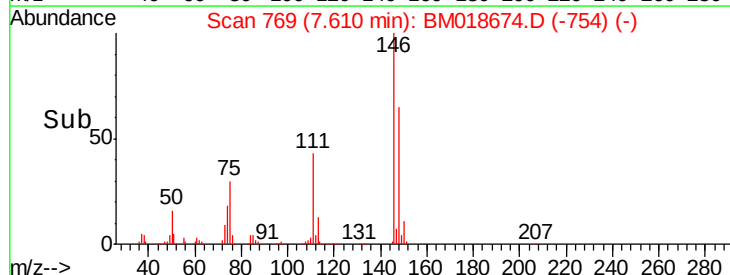
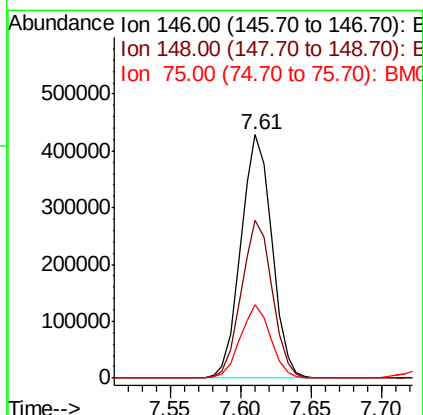
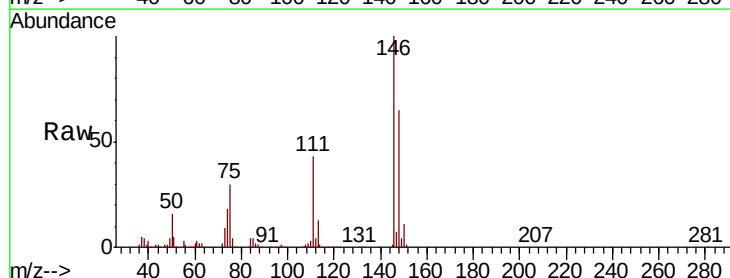
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

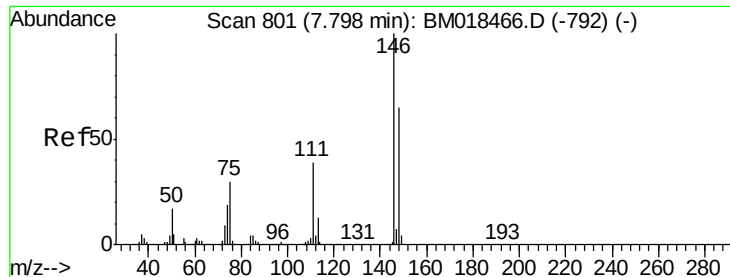
Tgt Ion:	93	Resp:	517878
Ion	Ratio	Lower	Upper
93	100		
63	71.1	56.4	96.4
95	31.9	12.7	52.7



#12
 1,3-Dichlorobenzene
 Concen: 40.574 ng
 RT: 7.61 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion:	146	Resp:	657690
Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.5	75.7
75	30.0	23.0	34.6

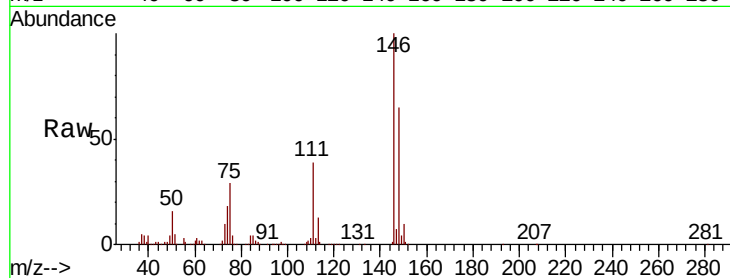




#13
 1,4-Dichlorobenzene
 Concen: 40.997 ng
 RT: 7.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	39.4	32.2	48.2

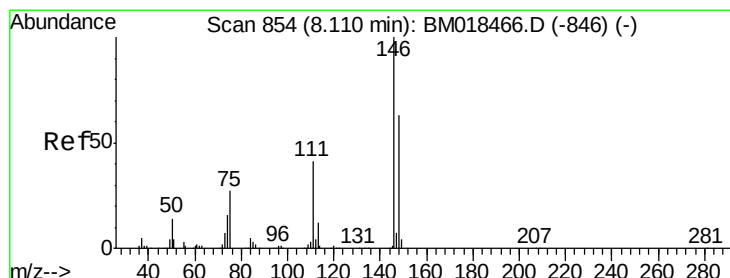
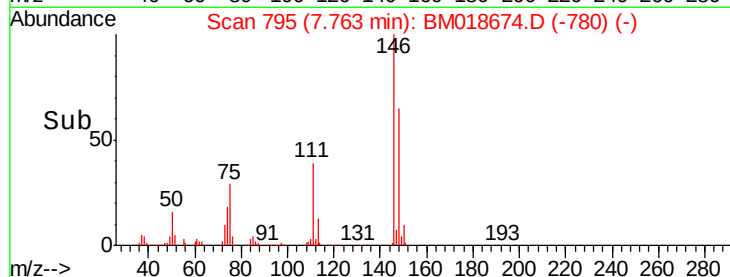
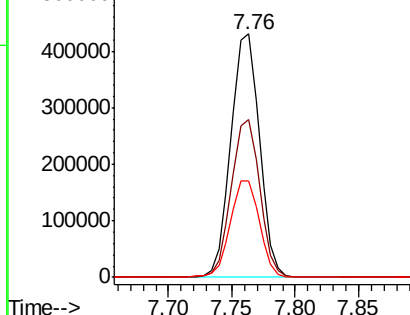


Abundance

Ion 146.00 (145.70 to 146.70): E

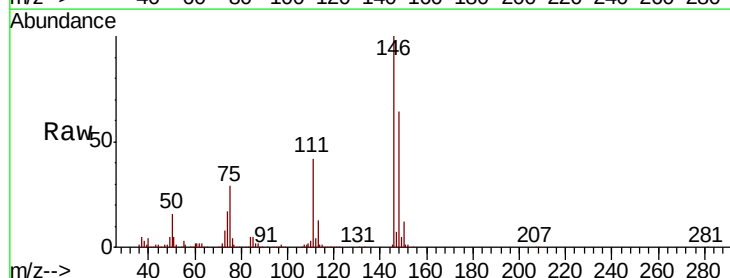
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.716 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	41.8	33.8	50.6

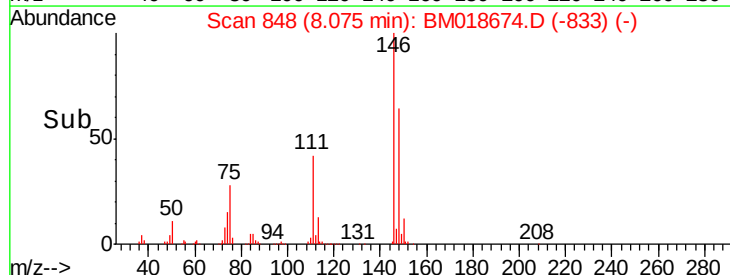
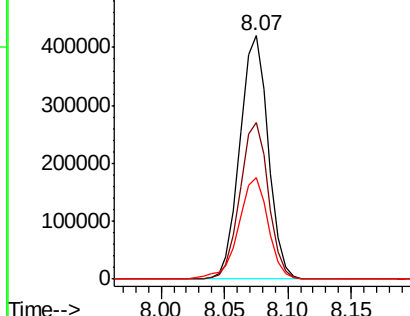


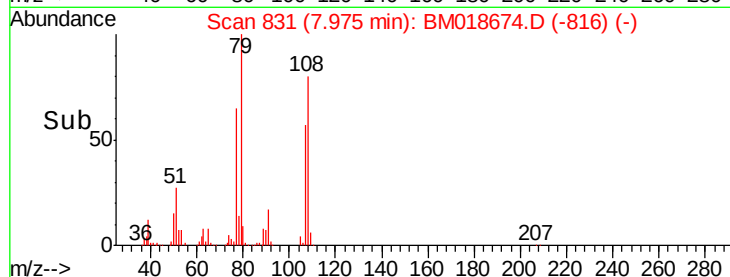
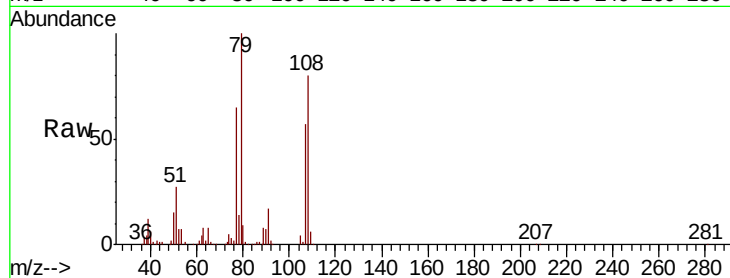
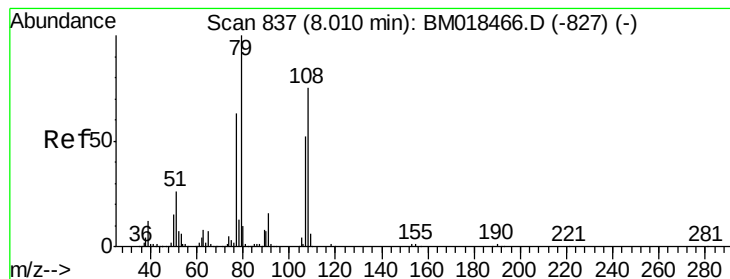
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.990 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

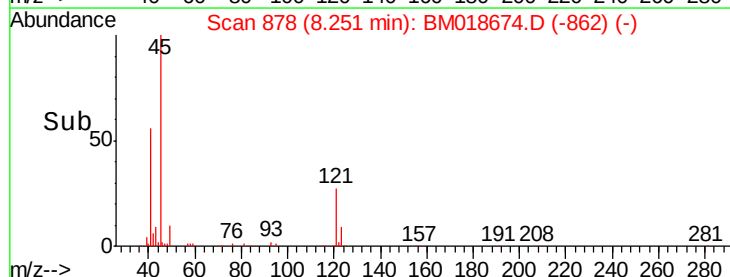
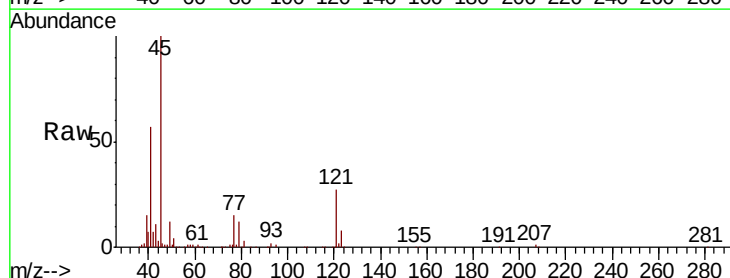
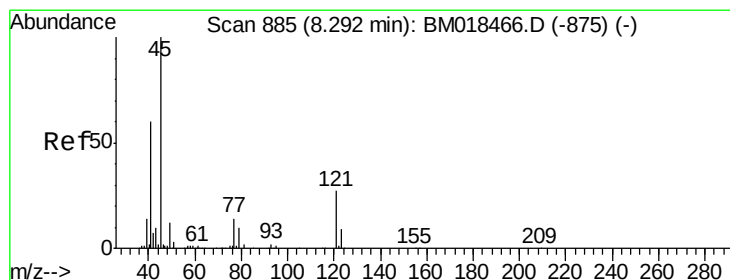
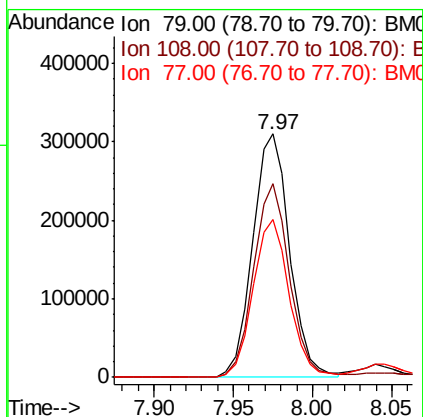
Tgt Ion: 79 Resp: 502371

Ion Ratio Lower Upper

79 100

108 79.6 60.4 90.6

77 64.9 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.870 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

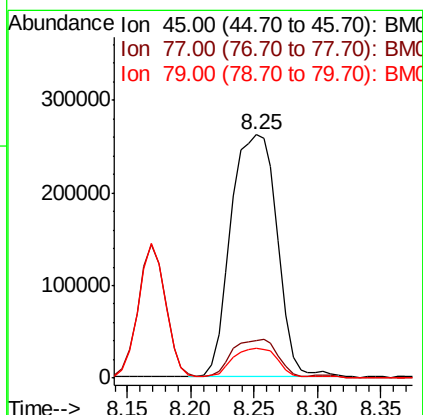
Tgt Ion: 45 Resp: 662616

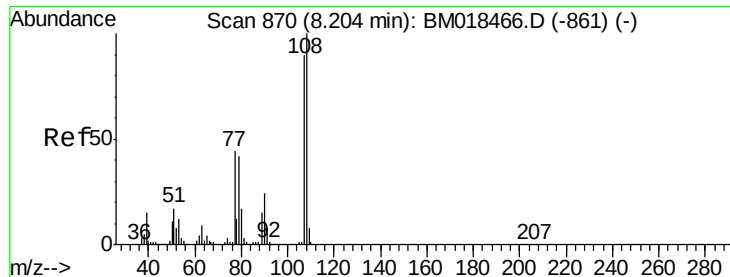
Ion Ratio Lower Upper

45 100

77 15.5 0.0 33.4

79 12.3 0.0 31.1

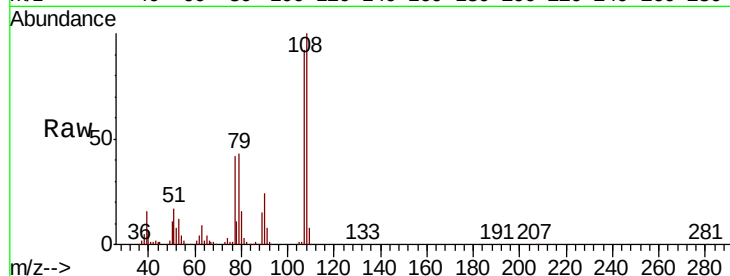




#17
2-Methylphenol
Concen: 46.684 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tgt Ion:	107	Resp:	476653
Ion	Ratio	Lower	Upper
107	100		
108	109.2	87.5	131.3
77	45.9	37.3	55.9
79	46.5	36.4	54.6



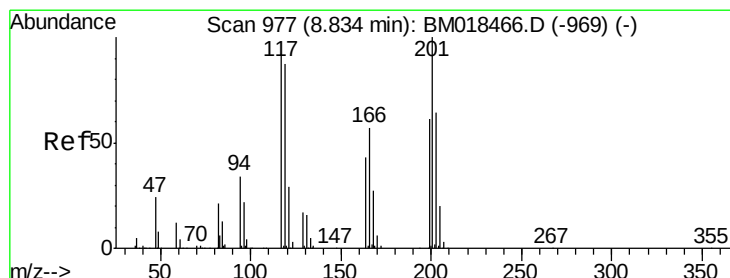
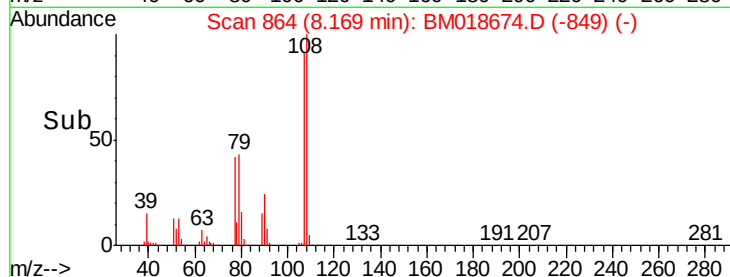
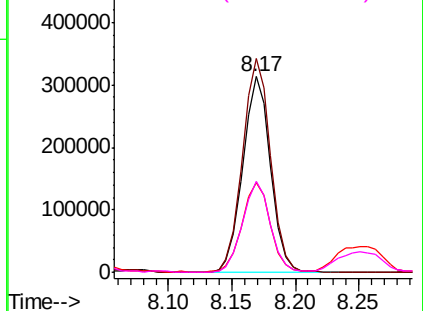
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

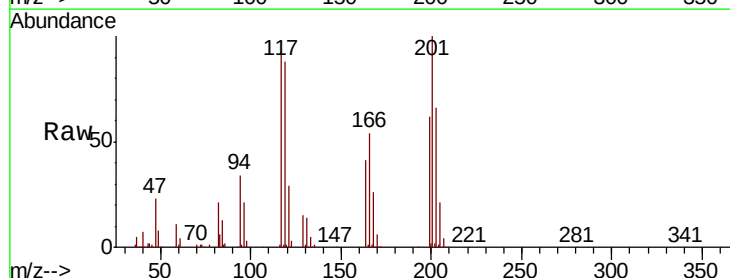
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 41.672 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:	117	Resp:	244113
Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.3	117.5
201	107.9	81.4	122.0

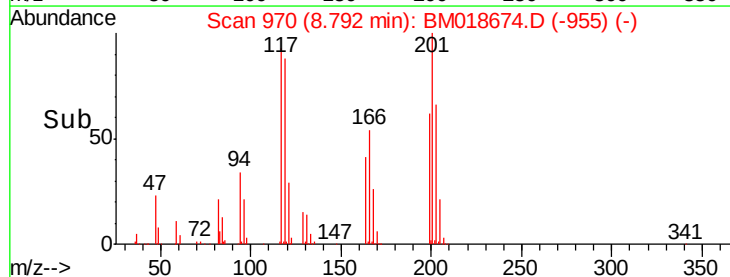
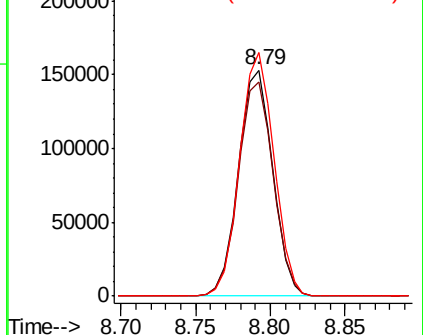


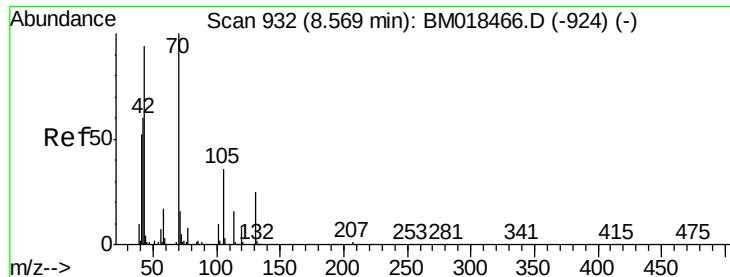
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

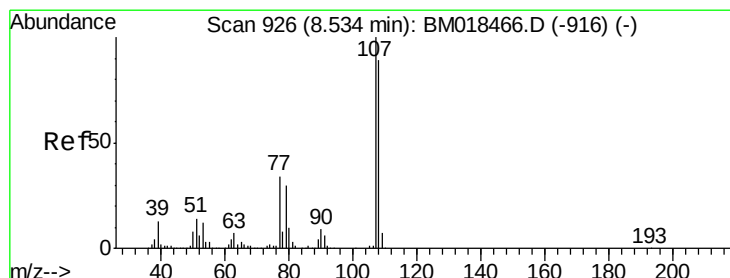
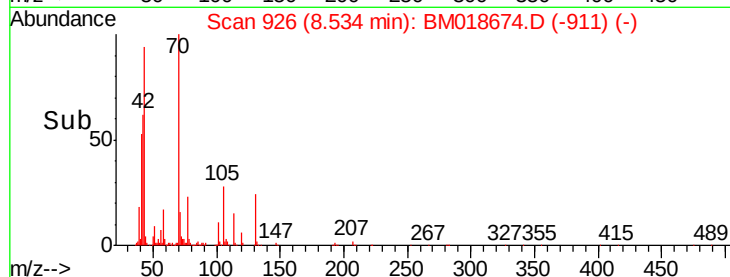
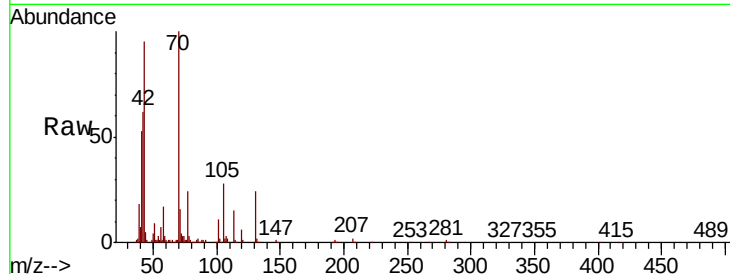
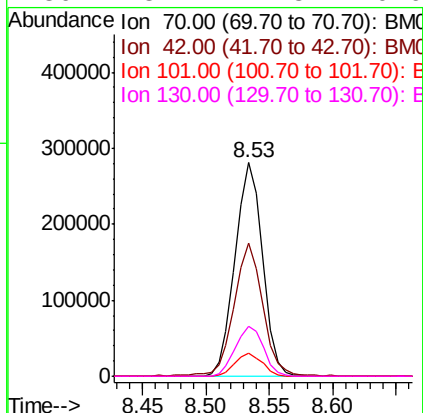




#19
n-Nitroso-di-n-propylamine
Concen: 43.875 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

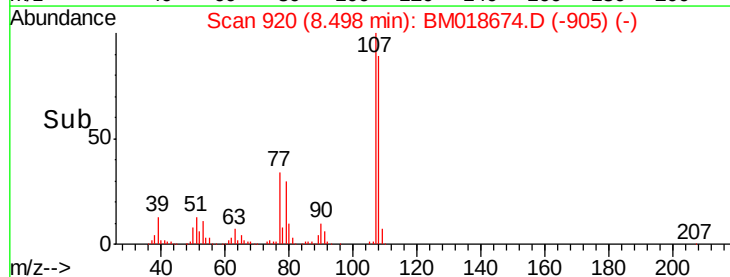
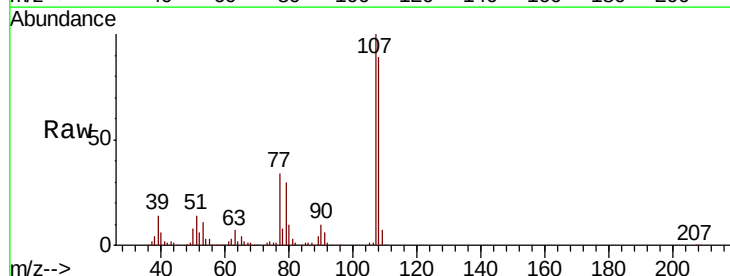
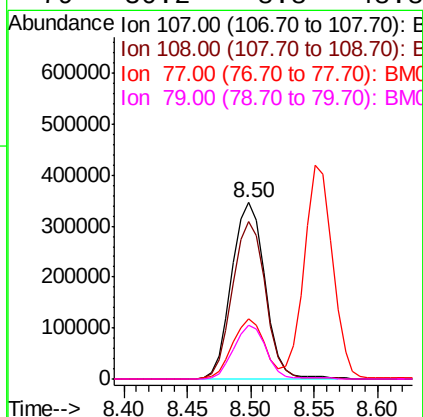
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

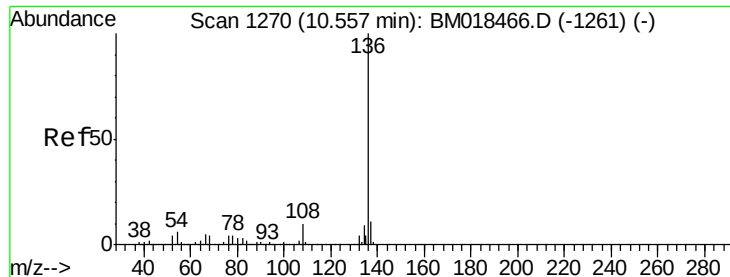
Tgt Ion:	70	Resp:	422648
Ion	Ratio	Lower	Upper
70	100		
42	62.1	54.0	81.0
101	10.8	8.1	12.1
130	23.7	17.8	26.6



#20
3+4-Methylphenols
Concen: 44.934 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:	107	Resp:	633337
Ion	Ratio	Lower	Upper
107	100		
108	89.1	66.8	106.8
77	34.0	13.3	53.3
79	30.2	8.8	48.8

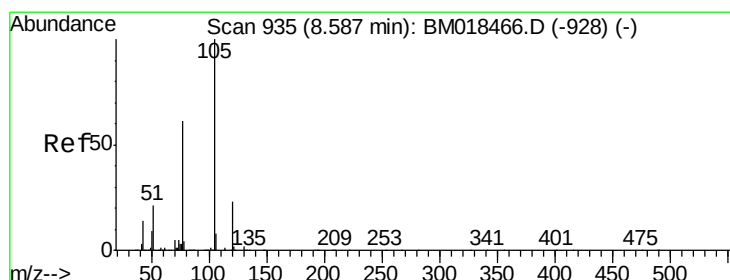
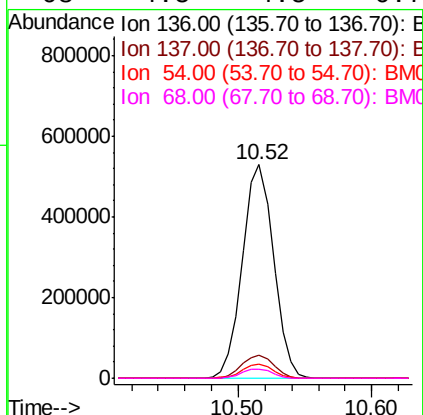
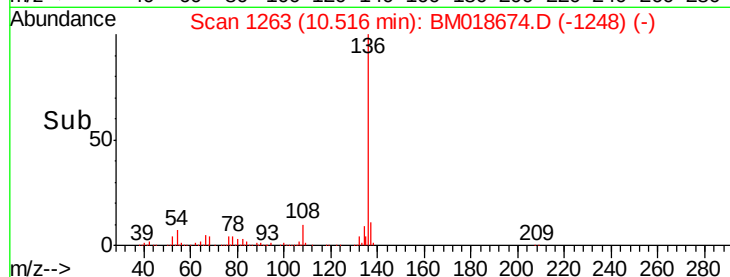
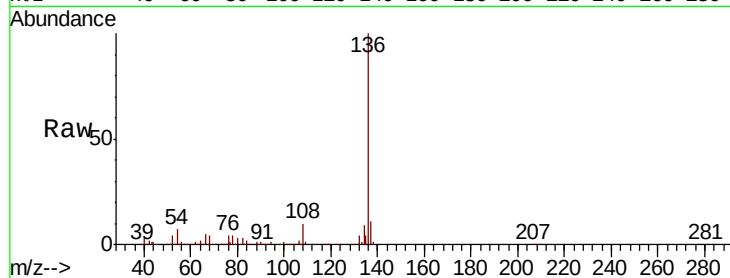




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

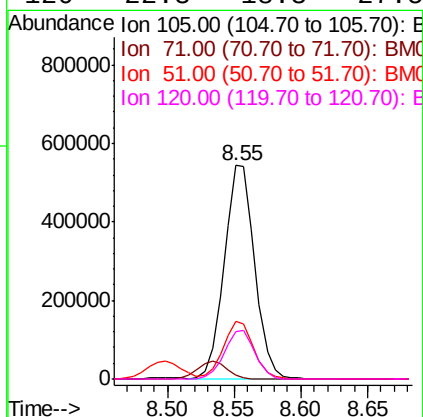
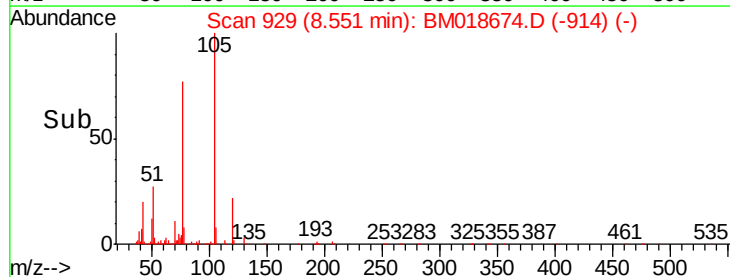
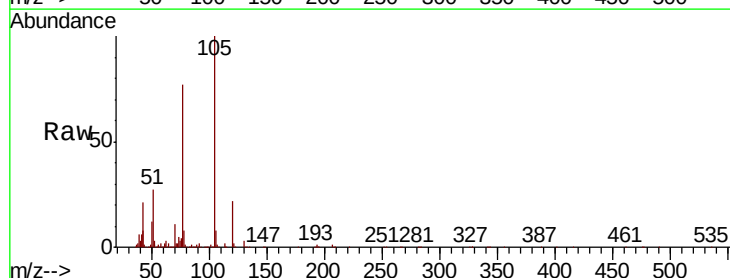
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

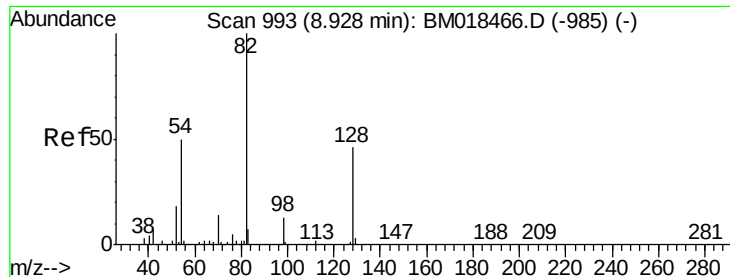
Tgt Ion:	136	Resp:	858194
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.6	6.0	9.0
68	4.5	4.5	6.7#



#22
Acetophenone
Concen: 40.747 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:	105	Resp:	865042
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.7	2.5
51	26.9	22.6	34.0
120	22.3	18.3	27.5

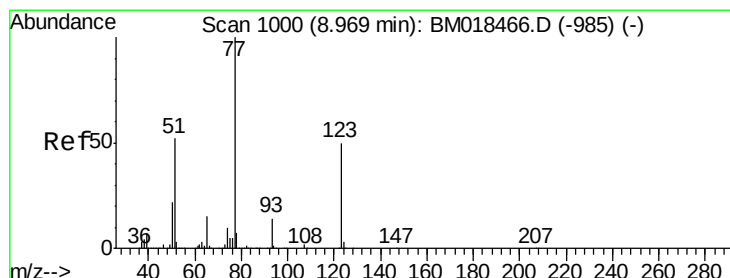
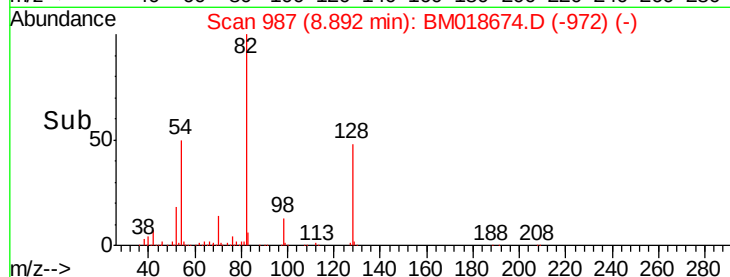
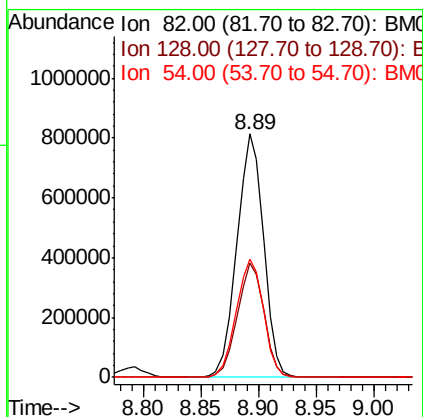
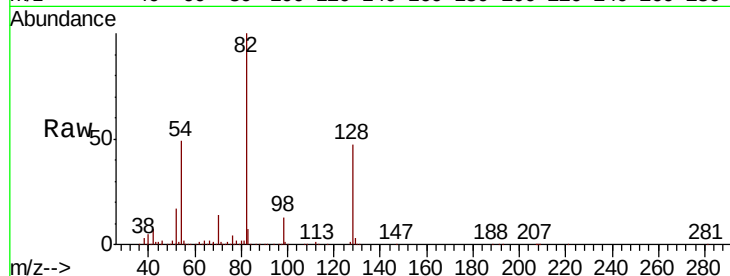




#23
 Nitrobenzene-d5
 Concen: 87.994 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

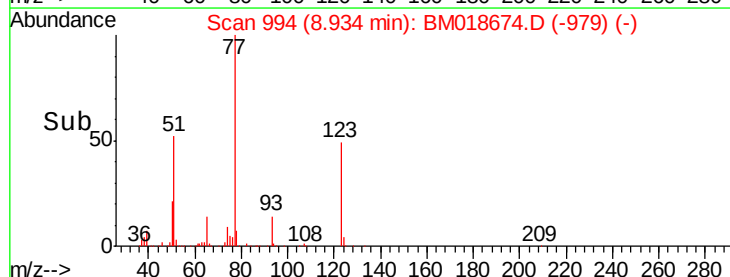
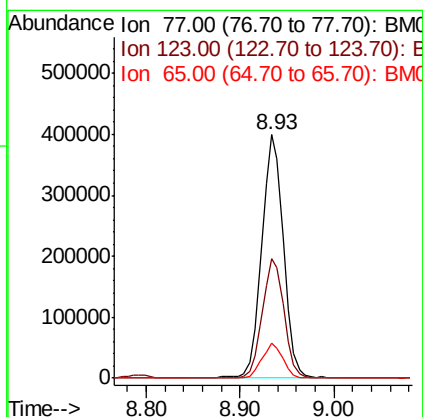
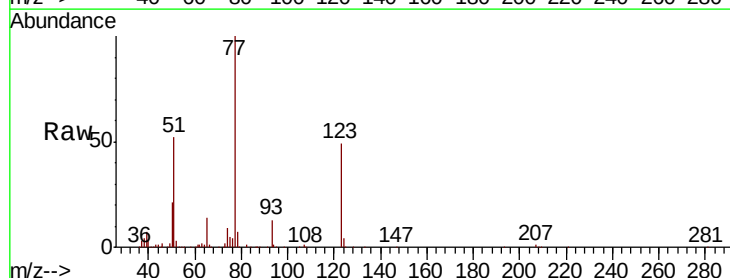
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

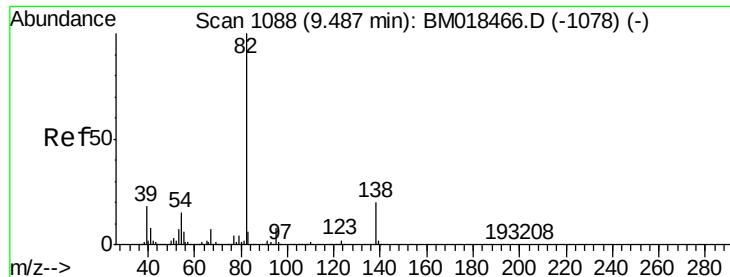
Tgt Ion: 82 Resp: 1302655
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.3 54.5
 54 48.8 41.7 62.5



#24
 Nitrobenzene
 Concen: 43.424 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion: 77 Resp: 632512
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.7 56.5
 65 14.2 11.0 16.6





#25

Isophorone

Concen: 51.137 ng

RT: 9.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

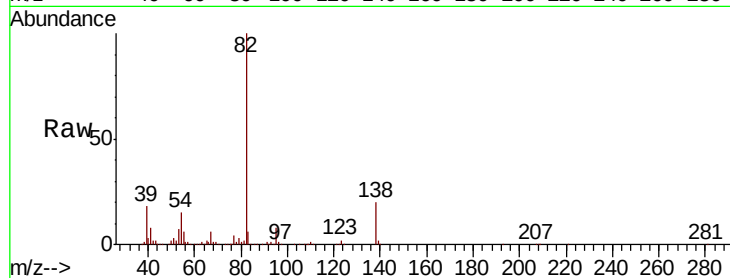
Tgt Ion: 82 Resp: 1146355

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

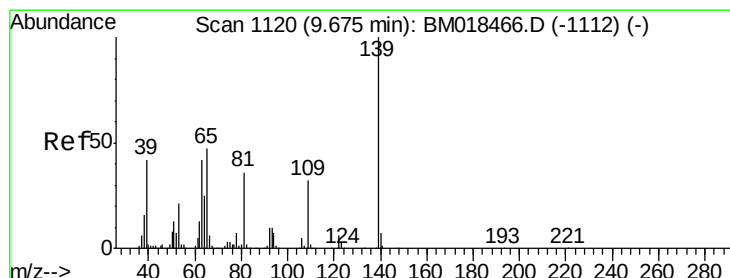
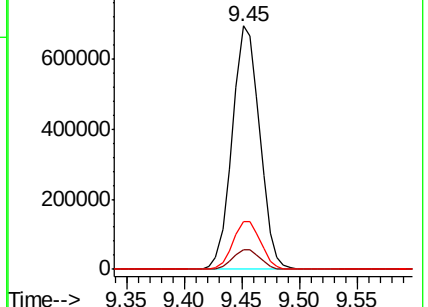
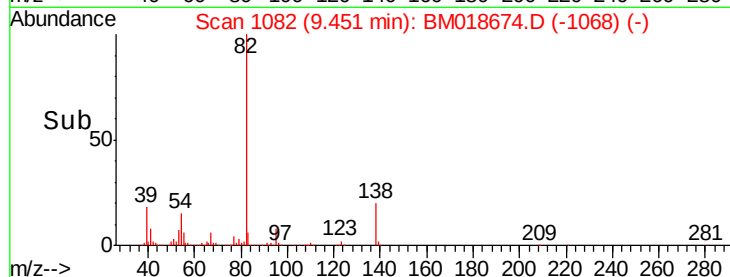
138 19.8 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 47.979 ng

RT: 9.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

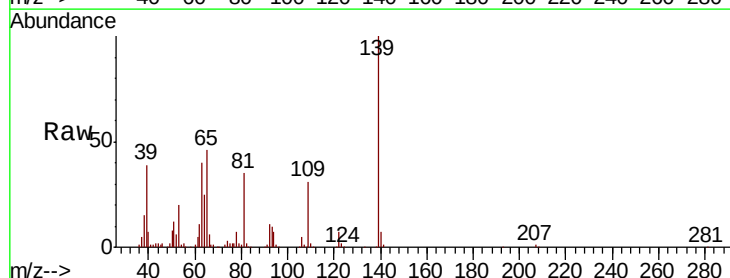
Tgt Ion: 139 Resp: 337925

Ion Ratio Lower Upper

139 100

109 31.1 23.4 35.2

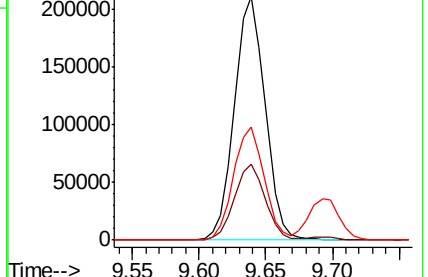
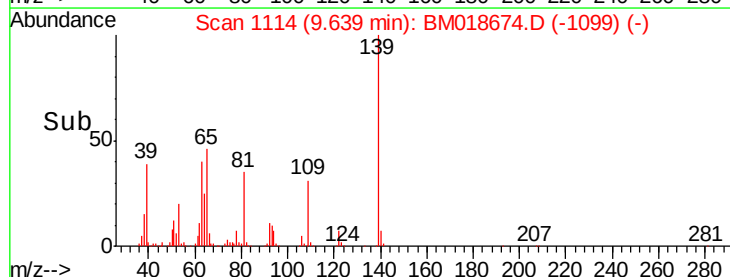
65 46.2 39.4 59.2

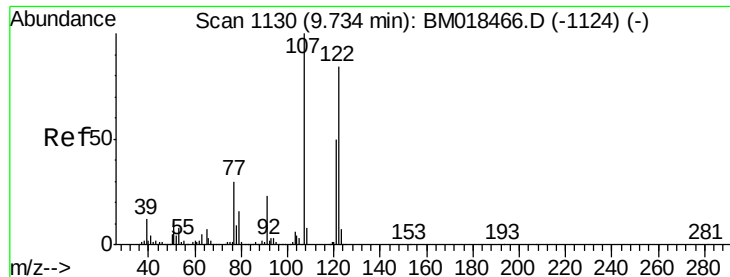


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

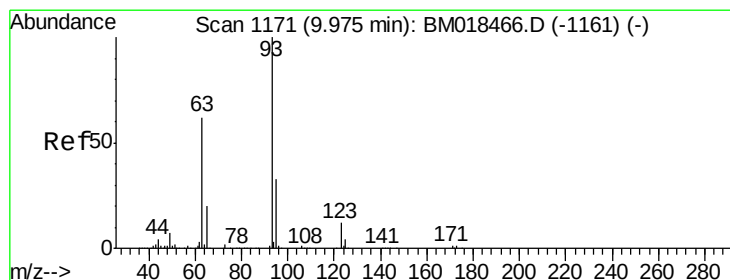
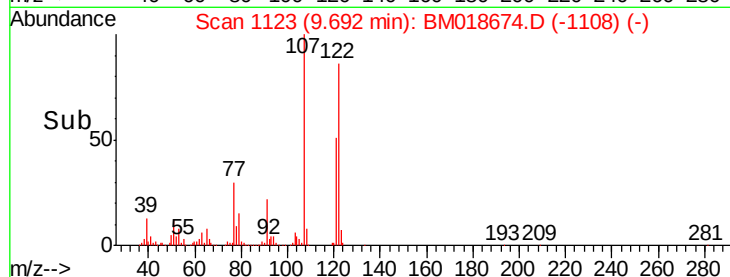
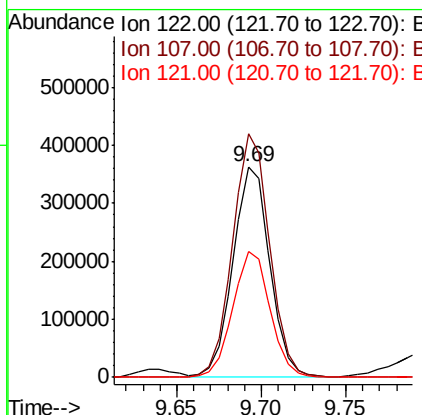
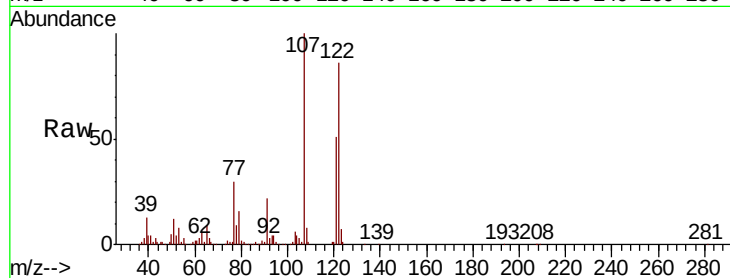




#27
 2,4-Dimethylphenol
 Concen: 51.694 ng
 RT: 9.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

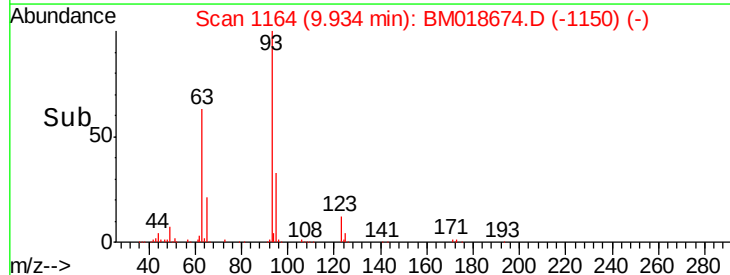
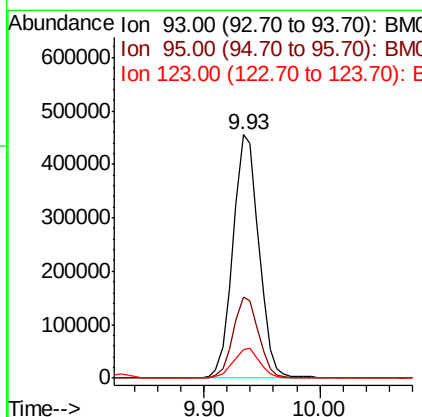
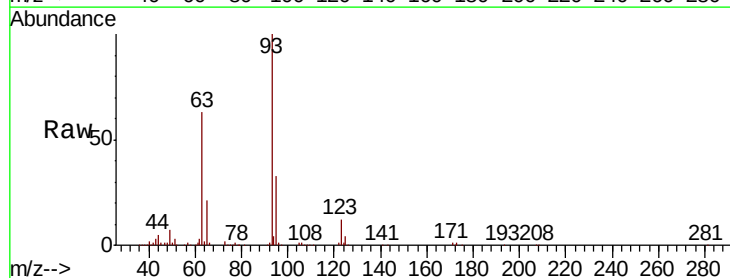
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

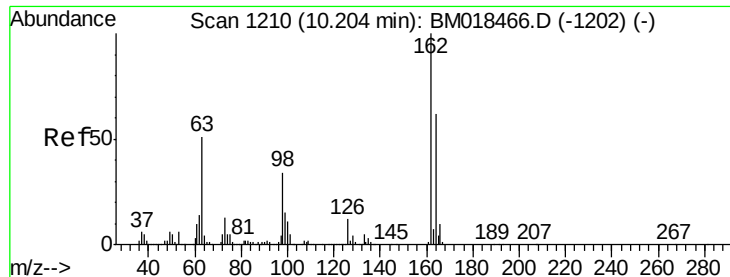
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.9	137.9
121	59.6	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.798 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	11.8	9.9	14.9

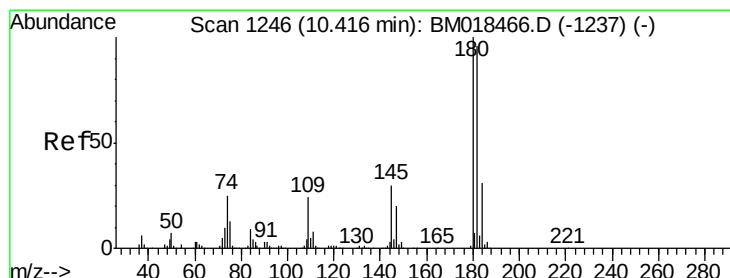
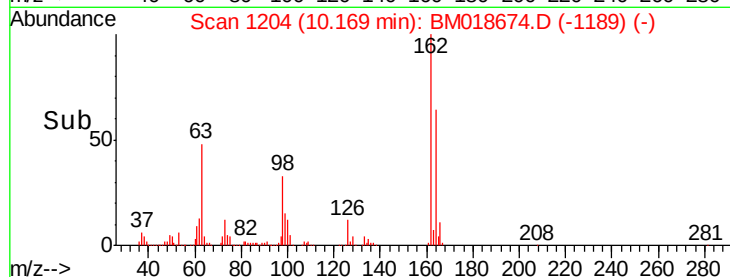
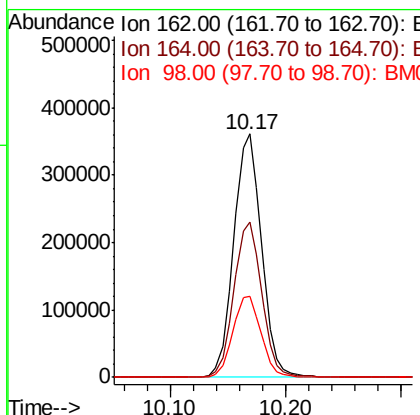
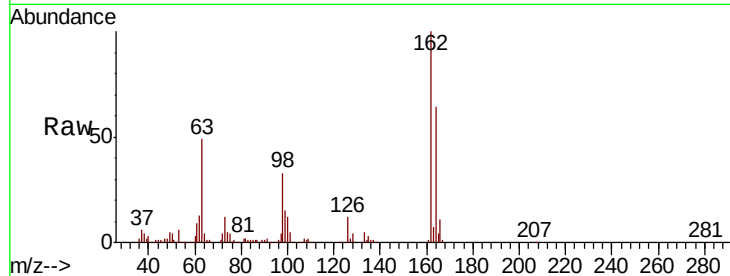




#29
 2,4-Dichlorophenol
 Concen: 47.898 ng
 RT: 10.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

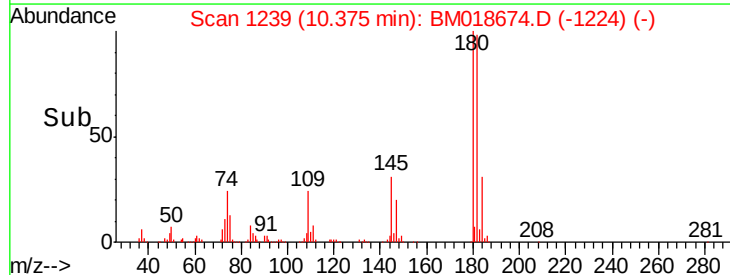
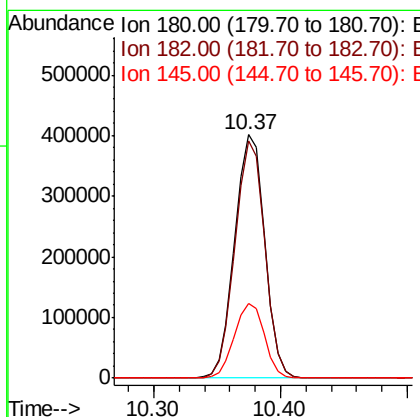
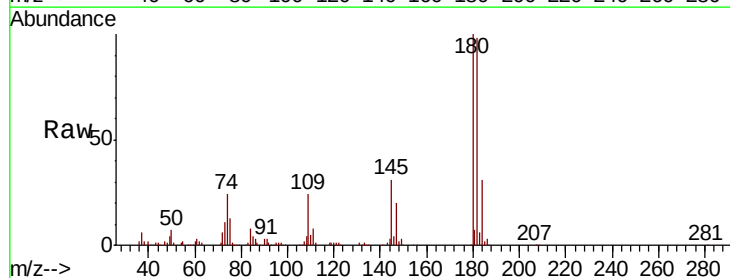
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

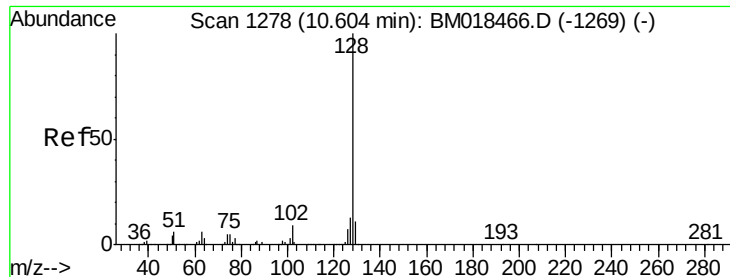
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.6	85.6
98	33.3	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 42.308 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.4	116.2
145	30.8	24.6	37.0

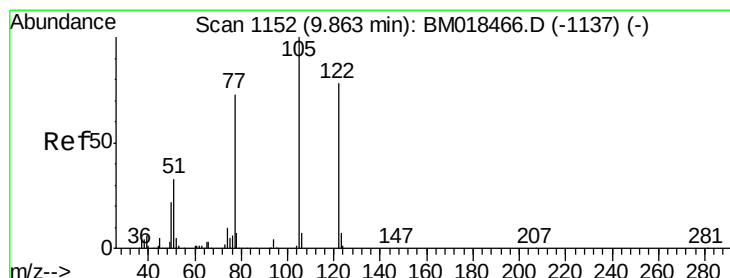
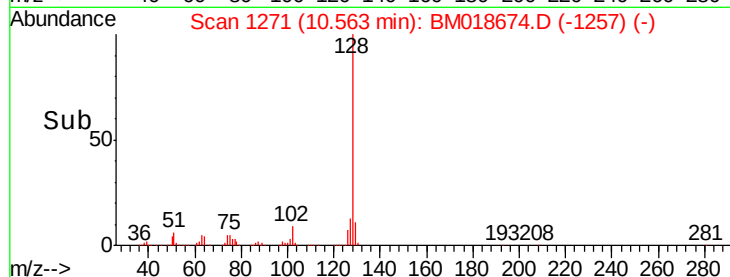
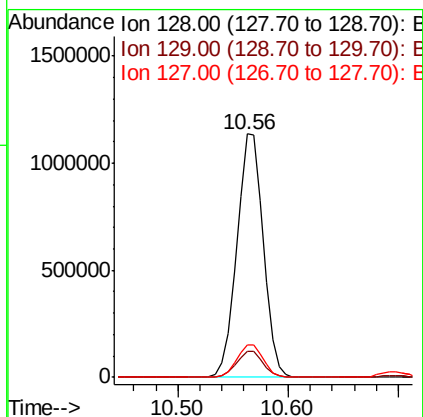
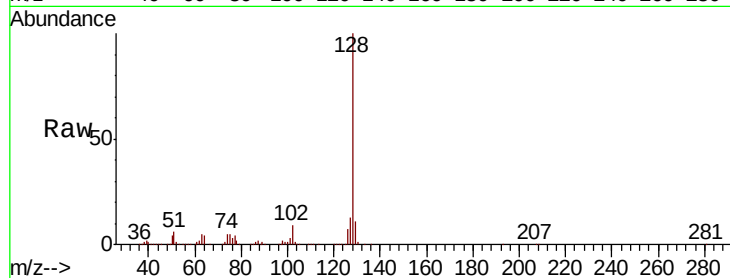




#31
Naphthalene
Concen: 46.328 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

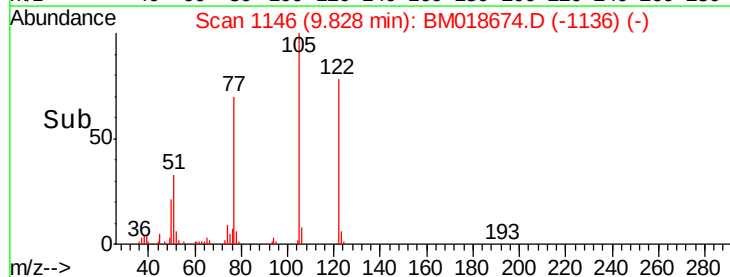
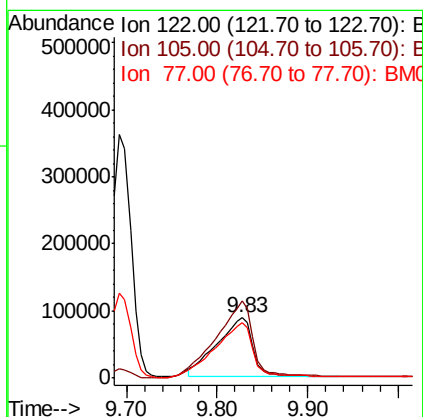
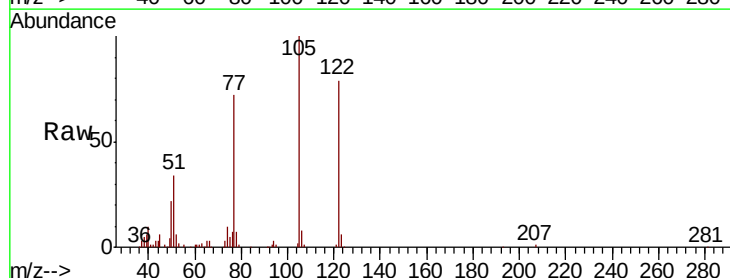
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

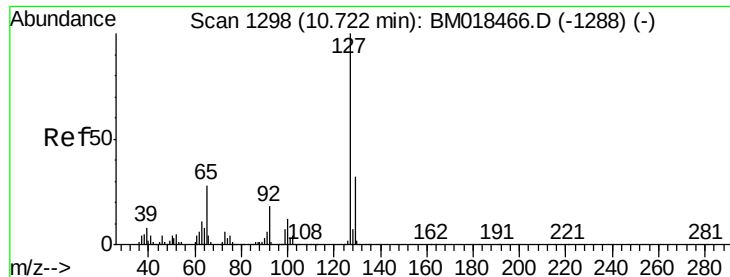
Tgt Ion:128 Resp: 1914760
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 36.025 ng
RT: 9.83 min Scan# 1146
Delta R.T. -0.04 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:122 Resp: 242730
Ion Ratio Lower Upper
122 100
105 127.1 100.4 140.4
77 91.4 71.7 111.7

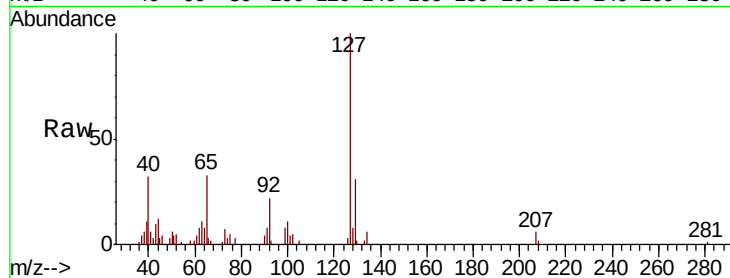




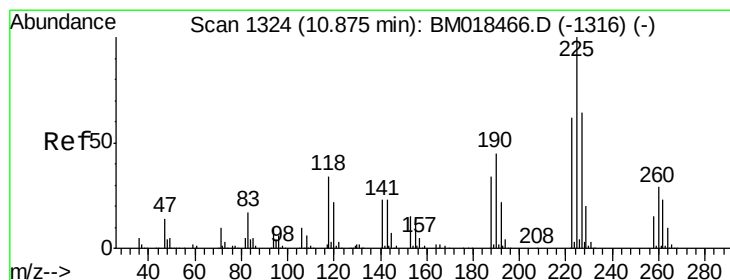
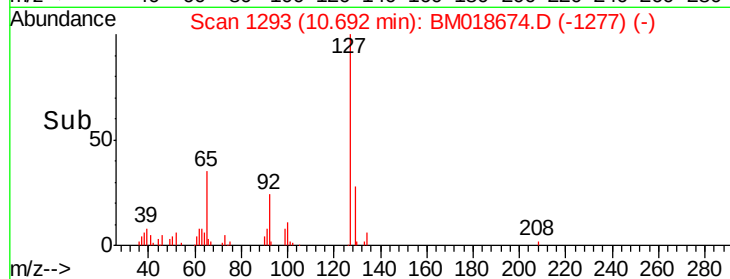
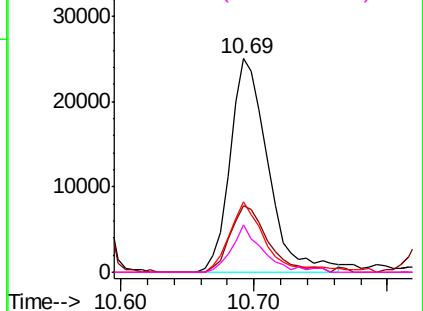
#33
4-Chloroaniline
Concen: 3.033 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tgt Ion:127 Resp: 49370
Ion Ratio Lower Upper
127 100
129 31.0 25.9 38.9
65 32.9 23.4 35.2
92 22.4 14.5 21.7#

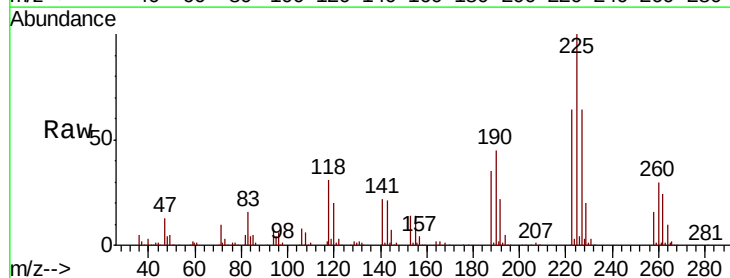


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

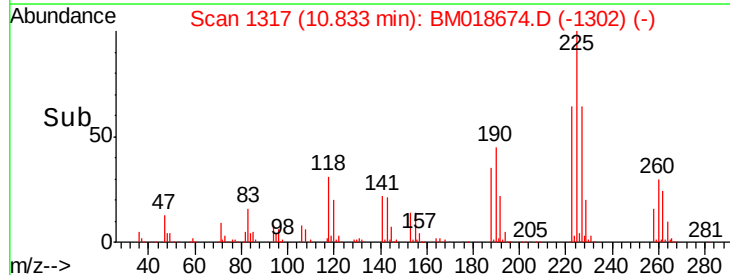
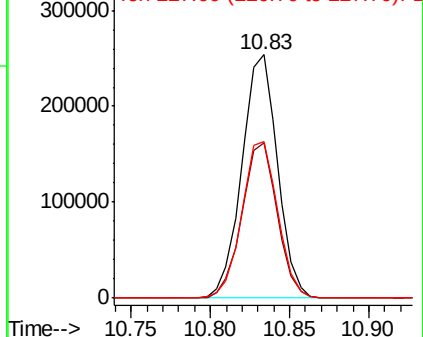


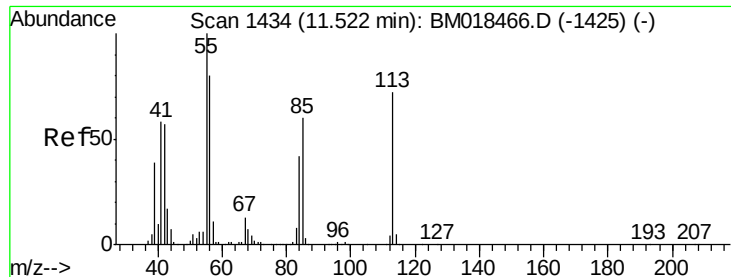
#34
Hexachlorobutadiene
Concen: 40.296 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:225 Resp: 397209
Ion Ratio Lower Upper
225 100
223 63.8 50.8 76.2
227 64.1 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

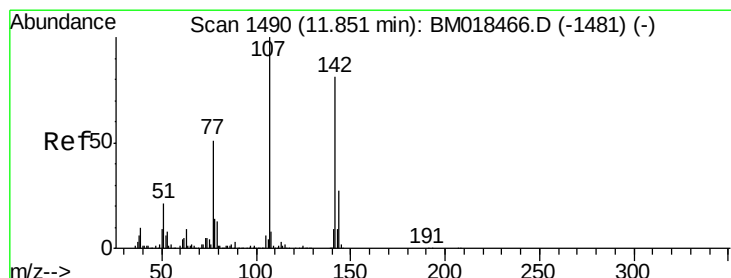
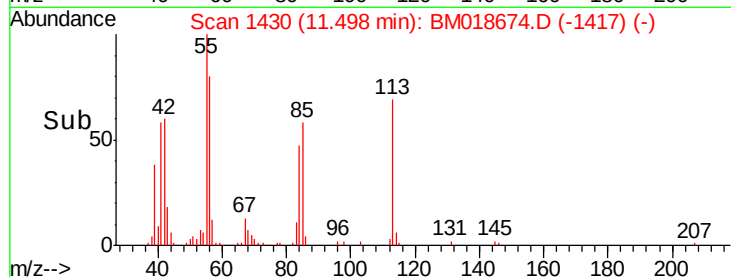
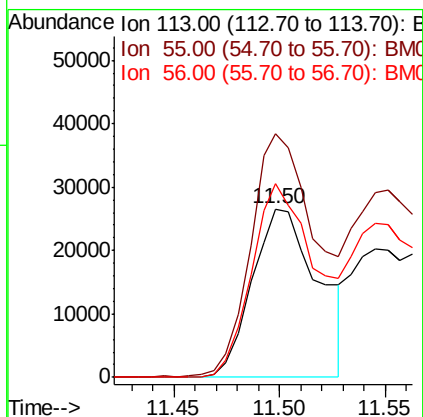
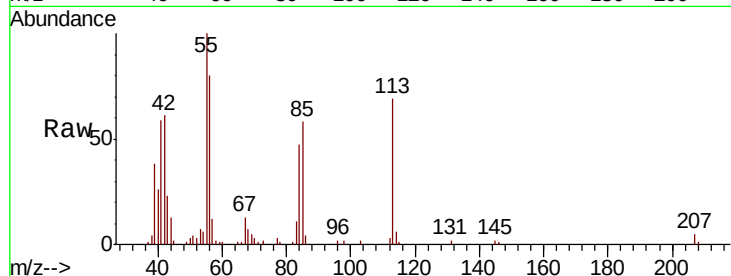




#35
 Caprolactam
 Concen: 13.487 ng
 RT: 11.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

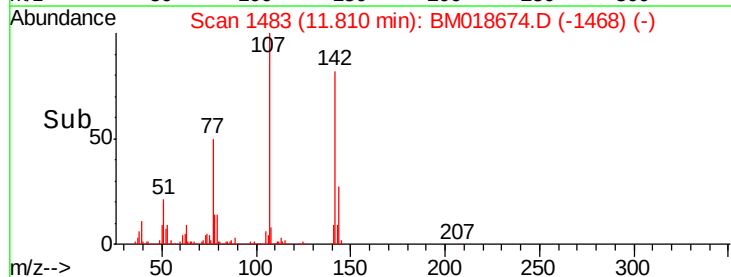
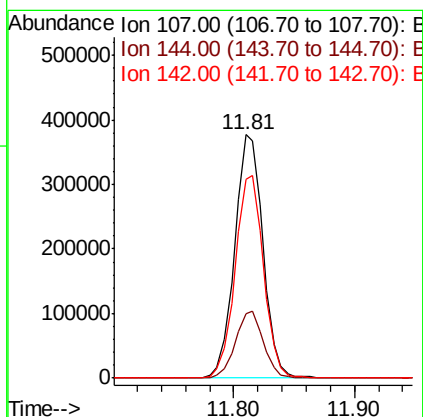
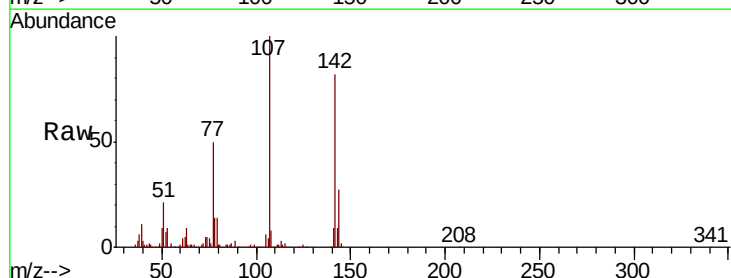
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

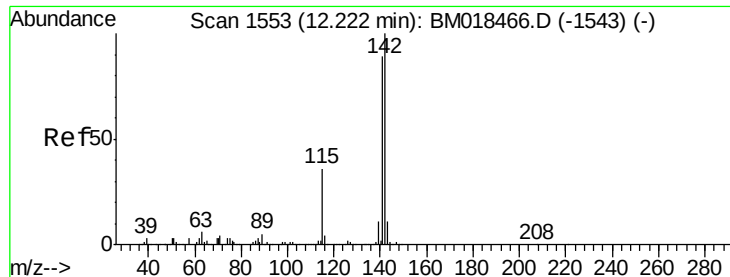
Tgt Ion:113 Resp: 57644
 Ion Ratio Lower Upper
 113 100
 55 144.3 139.3 179.3
 56 115.2 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.674 ng
 RT: 11.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion:107 Resp: 615547
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.9 32.9
 142 81.7 67.9 101.9

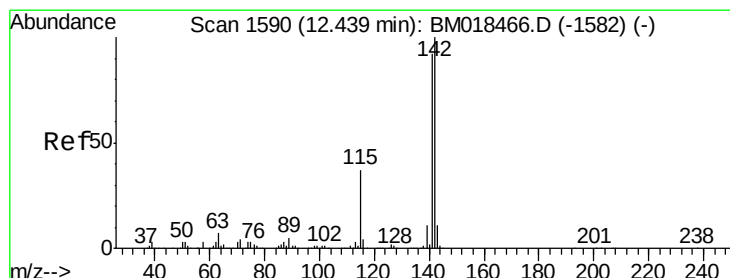
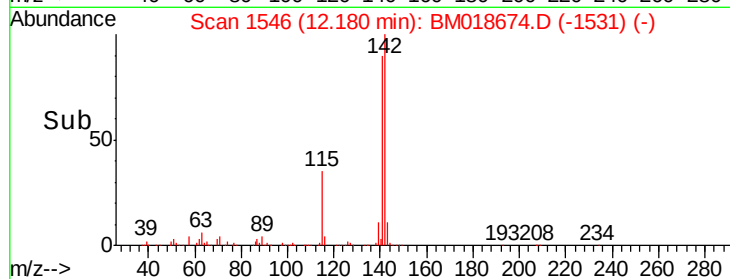
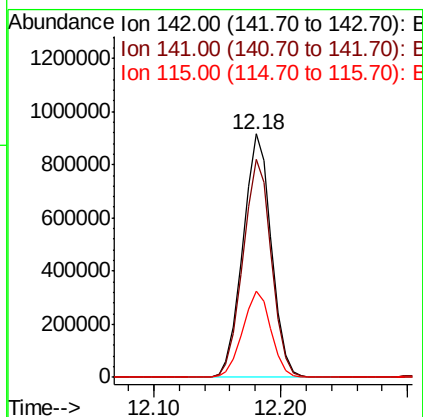
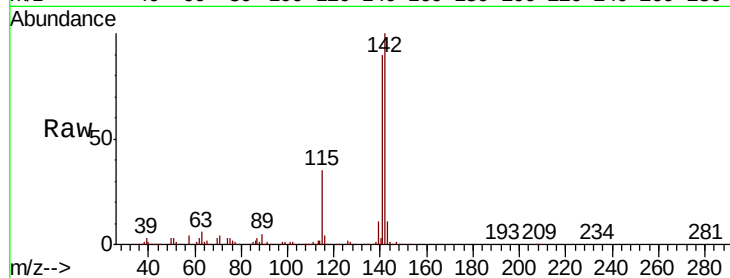




#37
 2-Methylnaphthalene
 Concen: 48.704 ng
 RT: 12.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

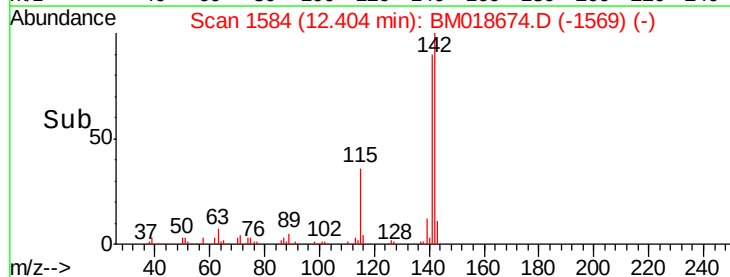
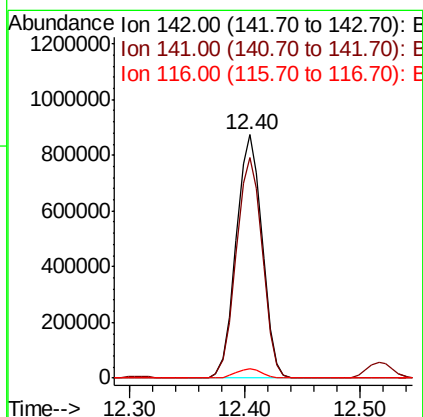
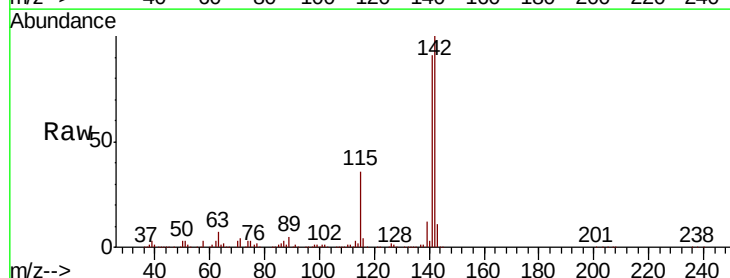
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

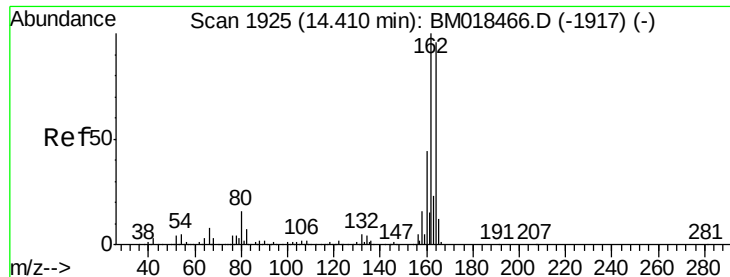
Tgt Ion:142 Resp: 1422244
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 35.4 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 48.155 ng
 RT: 12.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion:142 Resp: 1360602
 Ion Ratio Lower Upper
 142 100
 141 90.7 75.6 113.4
 116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

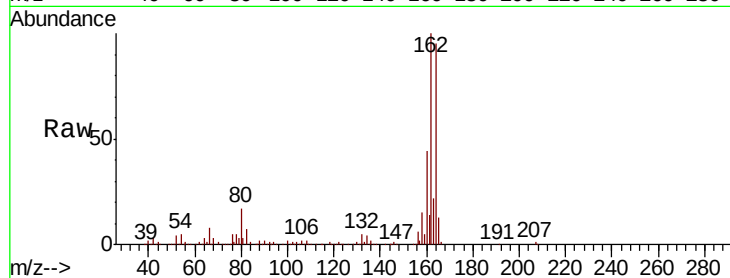
Tgt Ion:164 Resp: 477896

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

160 46.3 37.1 55.7

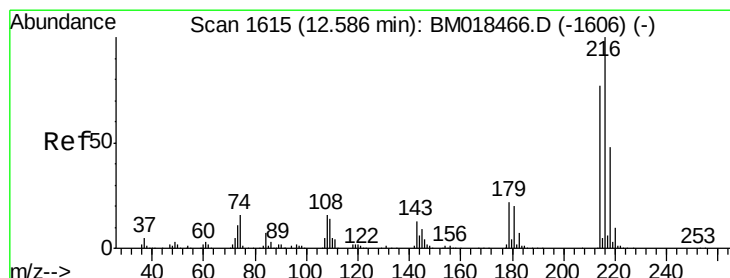
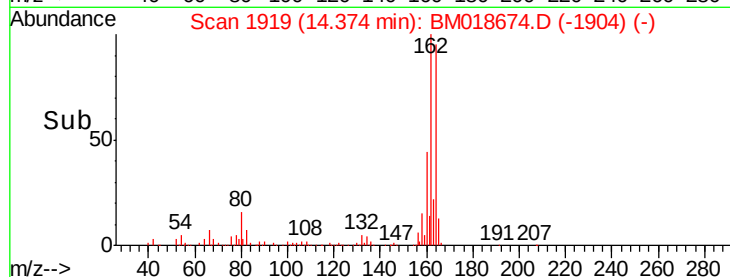
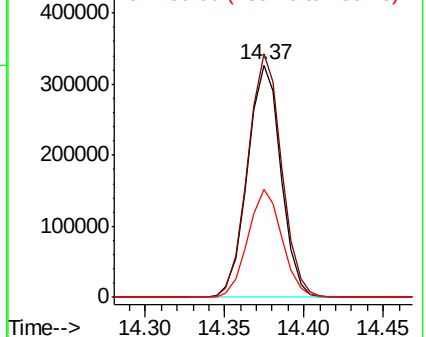


Abundance

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: 44.423 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Tgt Ion:216 Resp: 742392

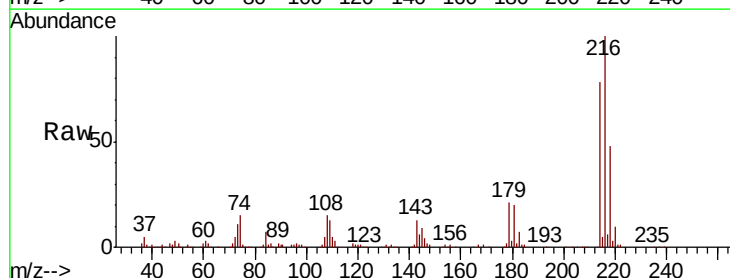
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 21.7 17.9 26.9

108 18.9 15.8 23.6



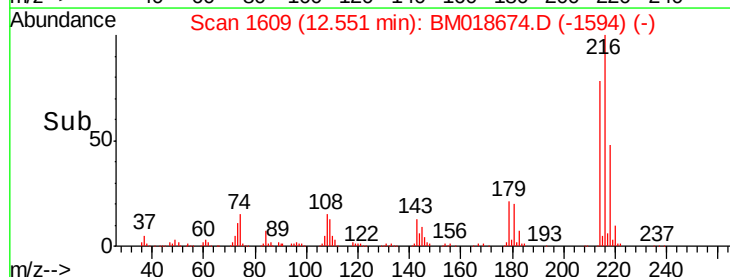
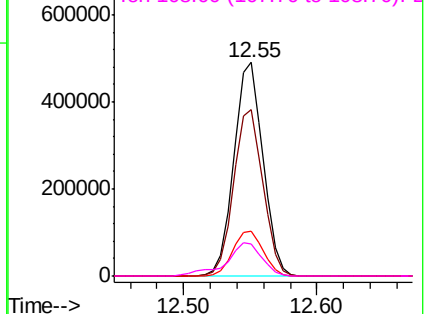
Abundance

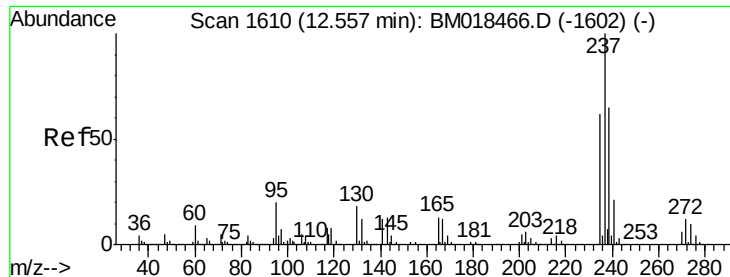
Ion 216.00 (215.70 to 216.70): E

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: 78.988 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

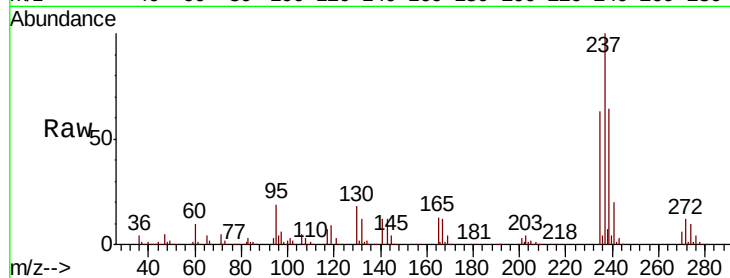
Tgt Ion:237 Resp: 724470

Ion Ratio Lower Upper

237 100

235 62.7 42.8 82.8

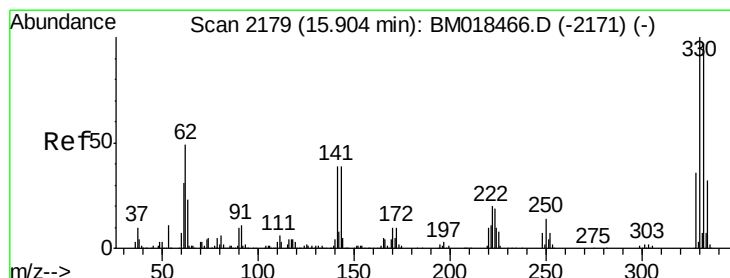
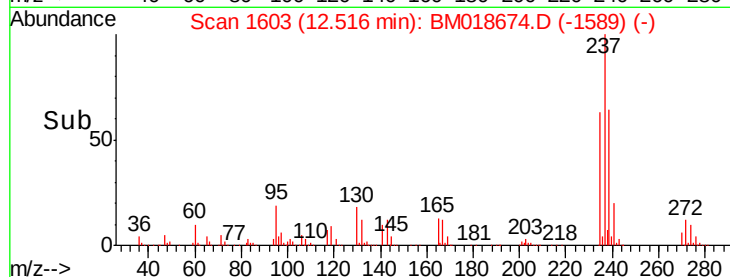
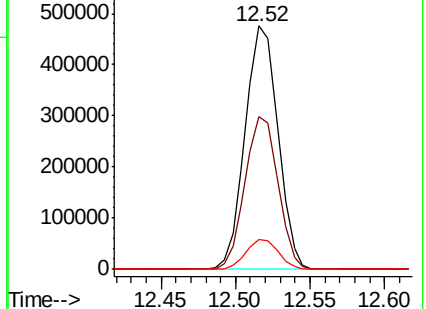
272 12.1 0.0 31.9



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: 147.064 ng

RT: 15.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

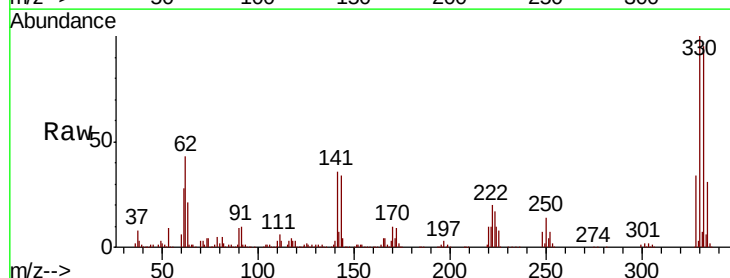
Tgt Ion:330 Resp: 894879

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

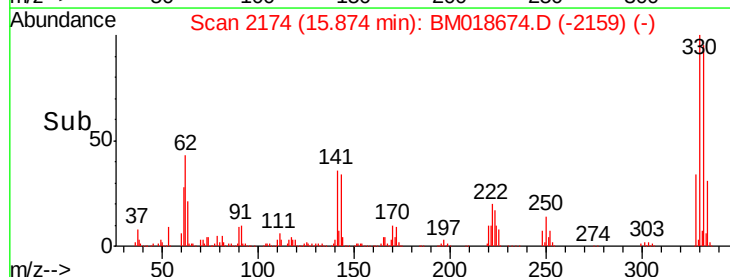
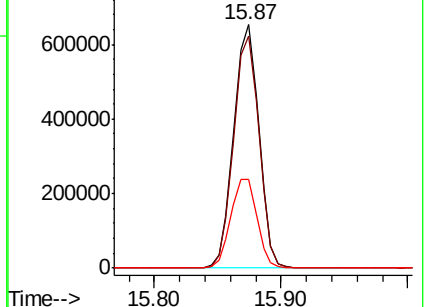
141 38.0 31.7 47.5

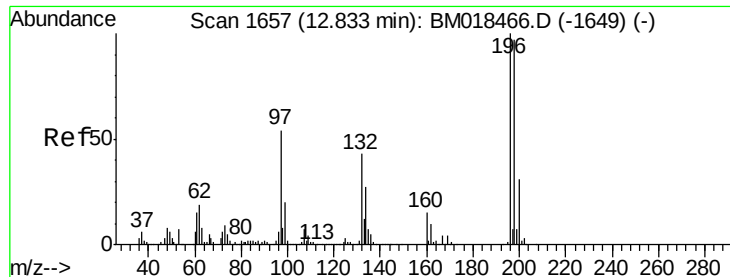


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

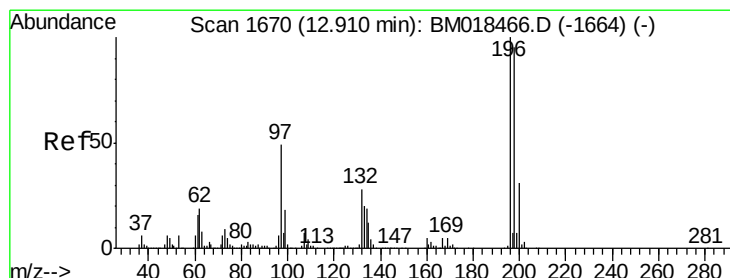
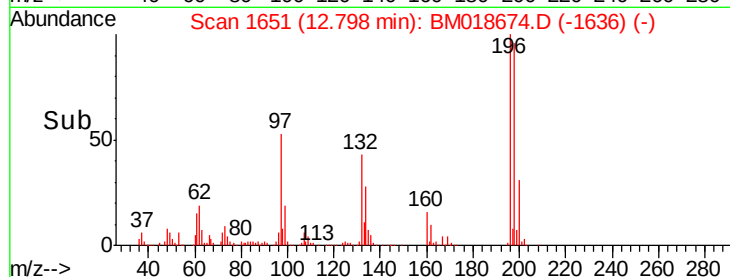
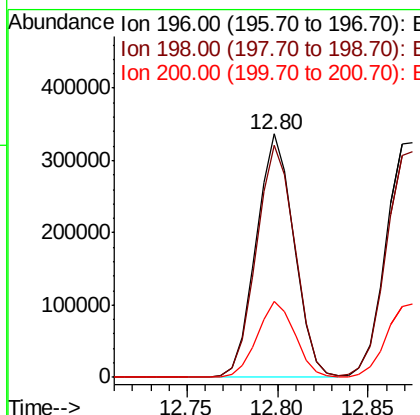
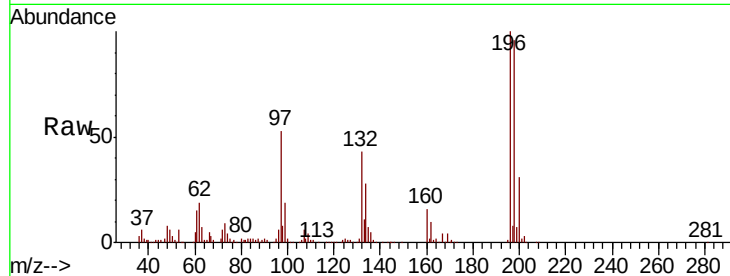




#43
 2,4,6-Trichlorophenol
 Concen: 48.249 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

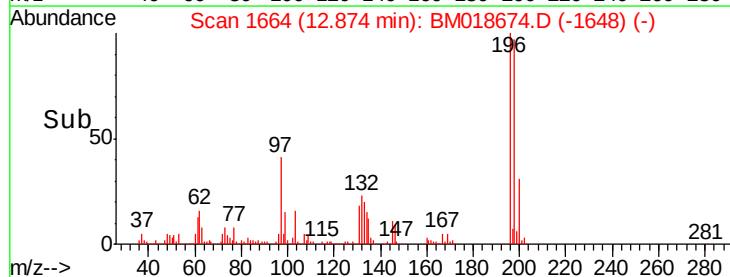
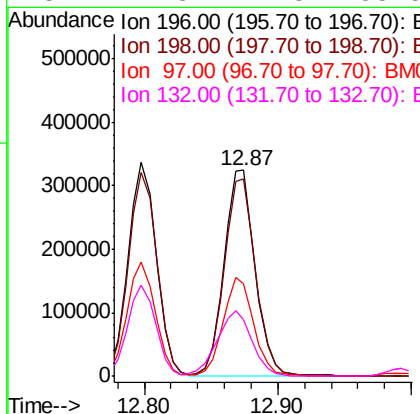
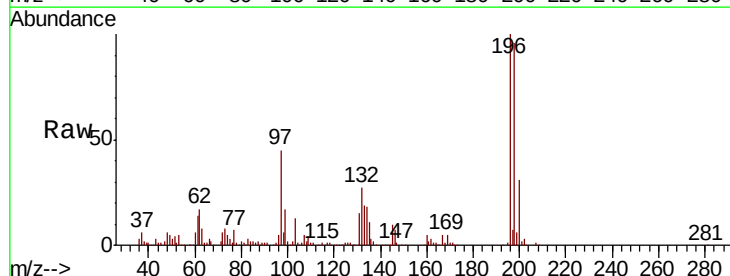
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

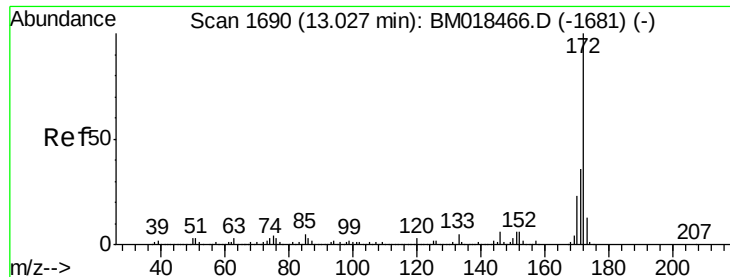
Tgt Ion:196 Resp: 489648
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.6 115.0
 200 31.3 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 49.061 ng
 RT: 12.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion:196 Resp: 523634
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.7 115.1
 97 45.0 39.2 58.8
 132 27.3 22.3 33.5

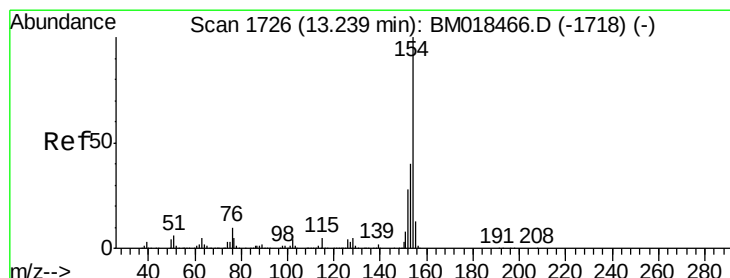
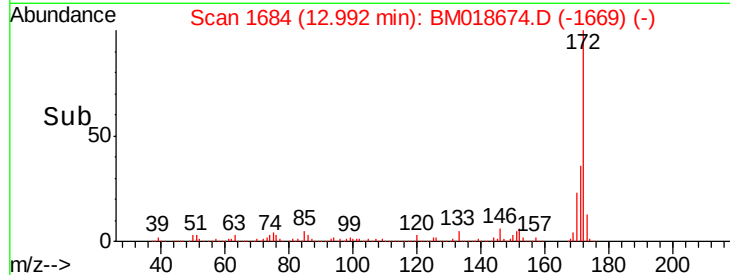
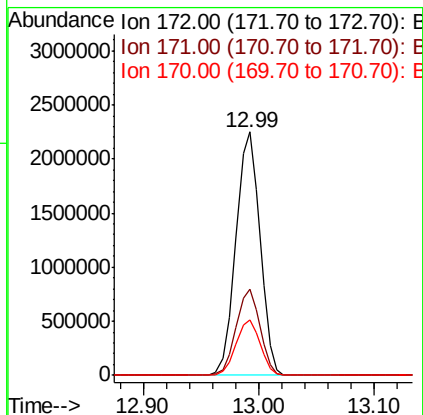
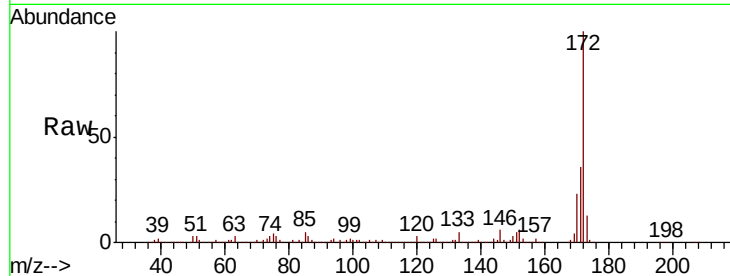




#45
 2-Fluorobiphenyl
 Concen: 88.712 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

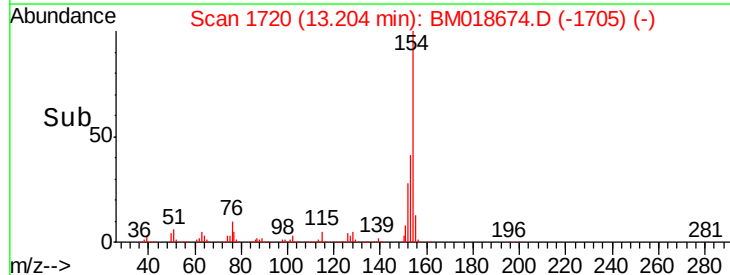
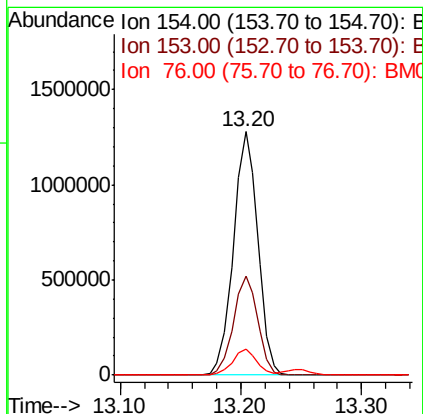
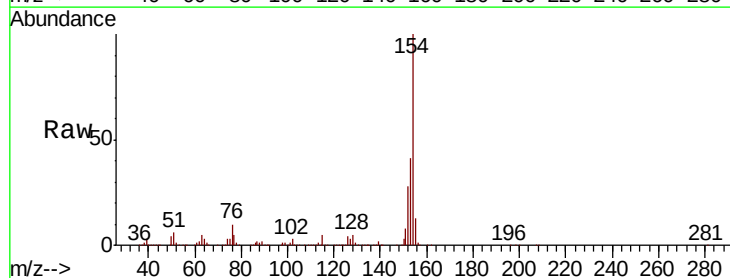
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

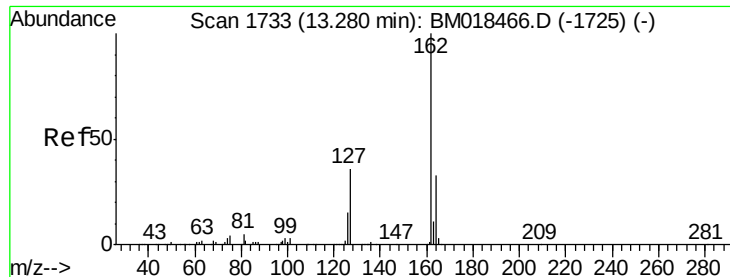
Tgt Ion:172 Resp: 3249006
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 22.9 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 43.106 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion:154 Resp: 1798700
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.5 60.5
 76 10.5 0.0 31.9

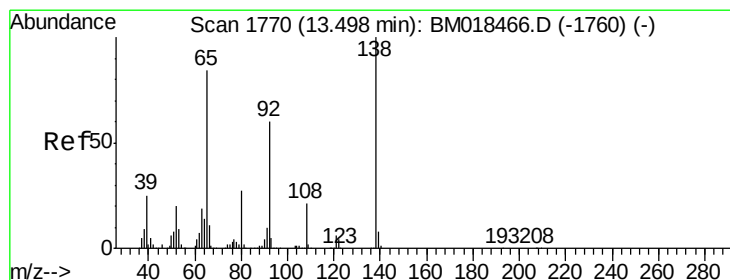
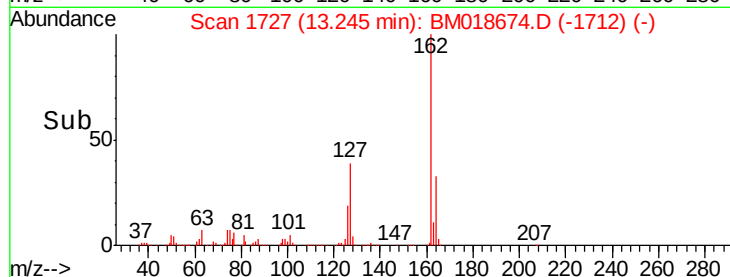
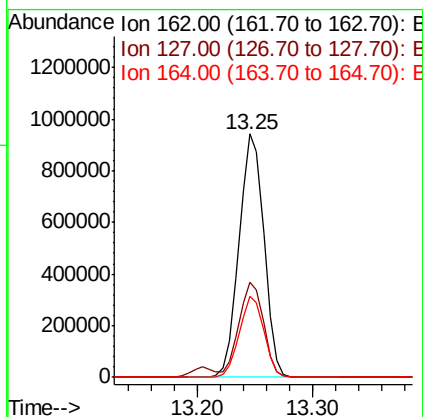
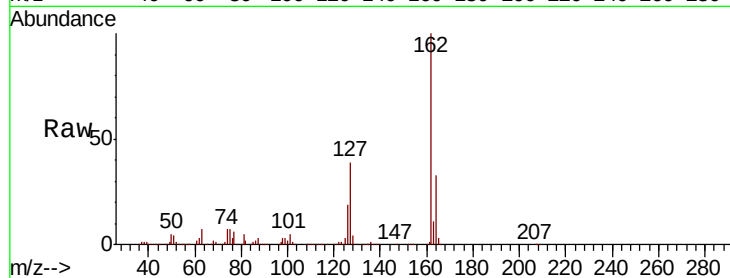




#47
 2-Chloronaphthalene
 Concen: 43.538 ng
 RT: 13.25 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

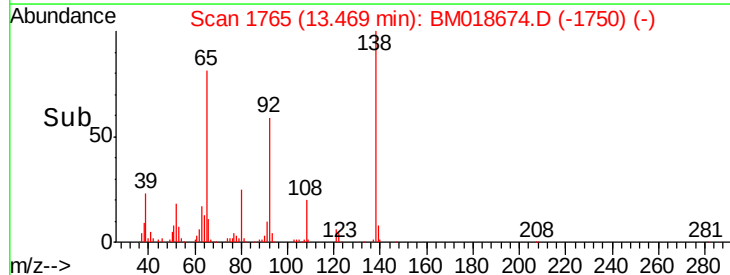
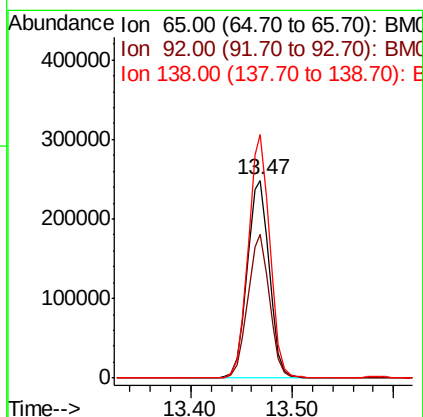
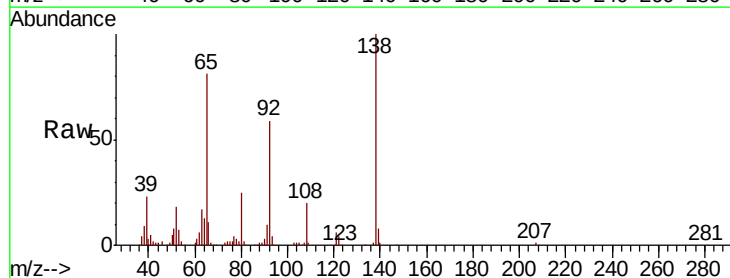
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

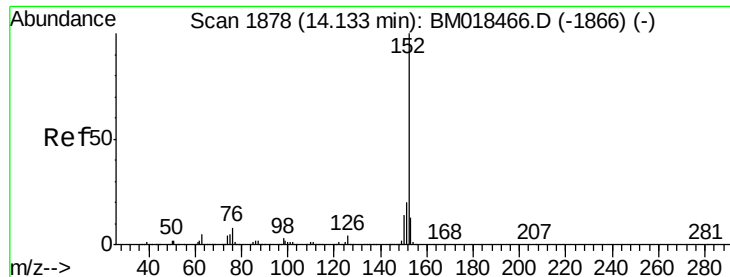
Tgt Ion: 162 Resp: 1408798
 Ion Ratio Lower Upper
 162 100
 127 39.2 31.4 47.0
 164 33.2 26.2 39.4



#48
 2-Nitroaniline
 Concen: 47.169 ng
 RT: 13.47 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion: 65 Resp: 375507
 Ion Ratio Lower Upper
 65 100
 92 72.7 53.4 80.2
 138 122.9 88.9 133.3





#49

Acenaphthylene

Concen: 48.326 ng

RT: 14.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

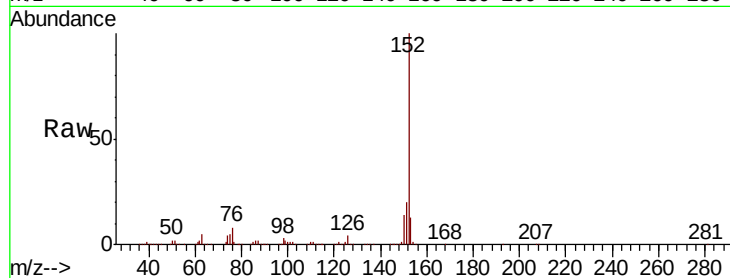
Tgt Ion:152 Resp: 2278840

Ion Ratio Lower Upper

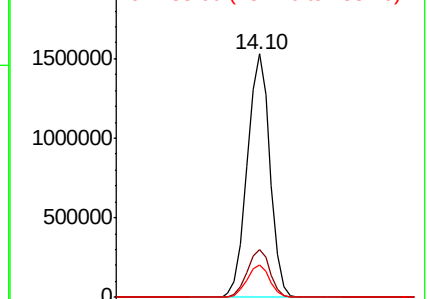
152 100

151 19.9 15.7 23.5

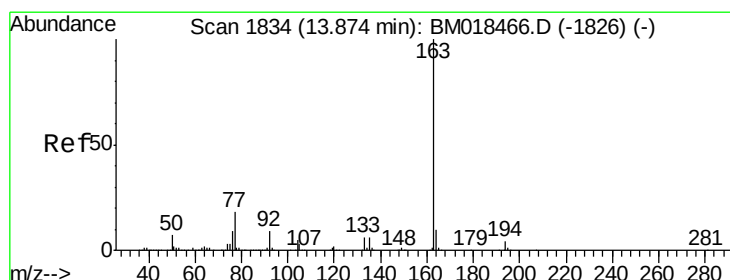
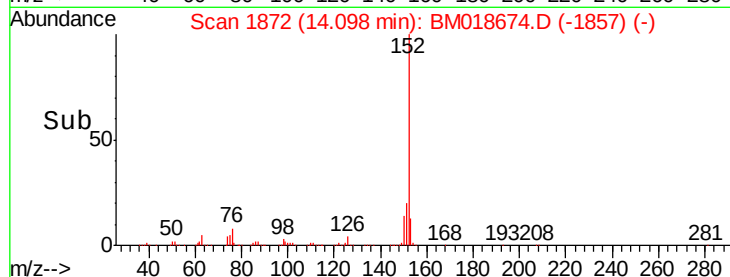
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 45.453 ng

RT: 13.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

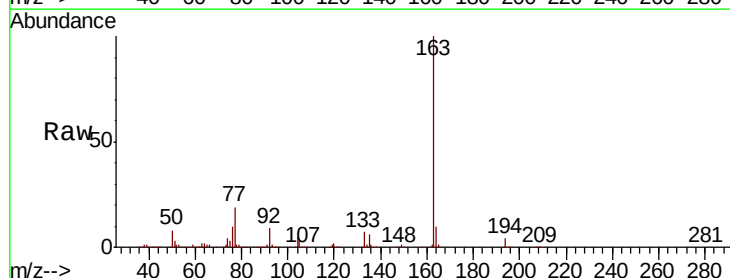
Tgt Ion:163 Resp: 1783966

Ion Ratio Lower Upper

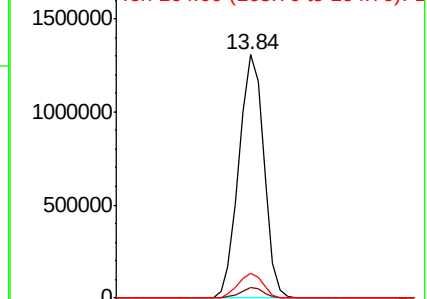
163 100

194 4.1 3.0 4.6

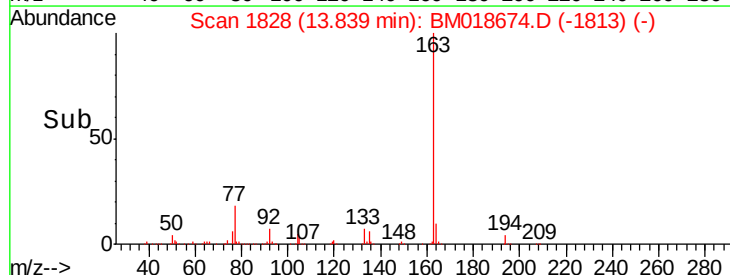
164 10.0 7.8 11.8

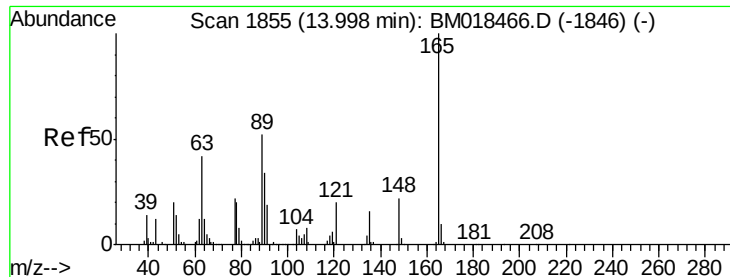


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

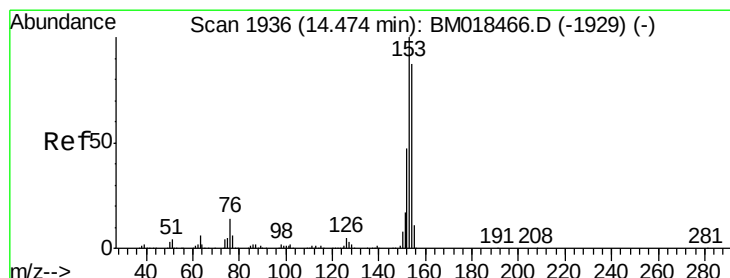
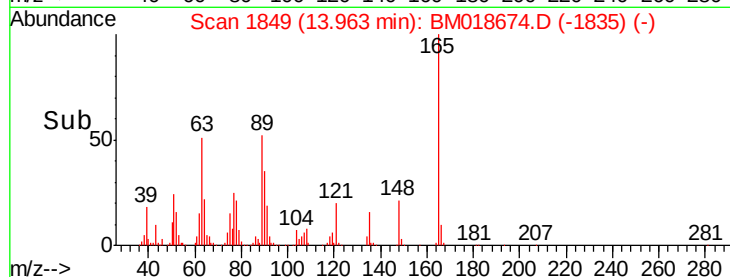
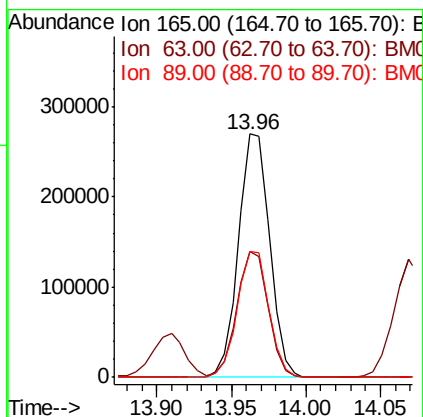
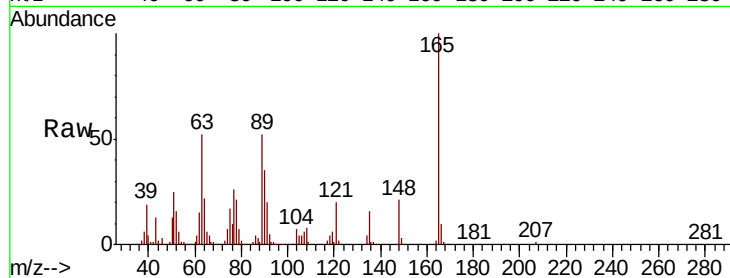




#51
 2,6-Dinitrotoluene
 Concen: 47.151 ng
 RT: 13.96 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

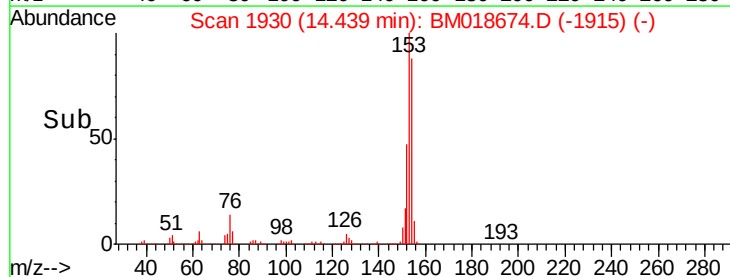
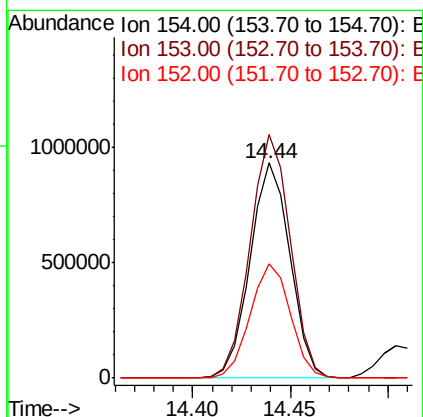
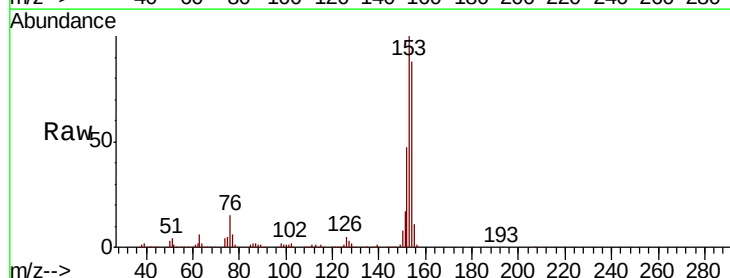
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

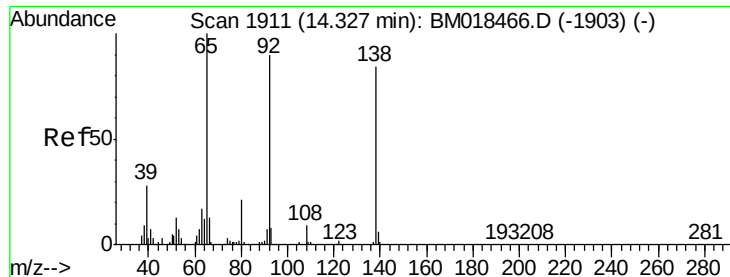
Tgt Ion:165 Resp: 392001
 Ion Ratio Lower Upper
 165 100
 63 51.6 45.6 68.4
 89 51.7 44.6 66.8



#52
 Acenaphthene
 Concen: 45.795 ng
 RT: 14.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion:154 Resp: 1321324
 Ion Ratio Lower Upper
 154 100
 153 113.1 92.3 138.5
 152 53.1 43.8 65.6

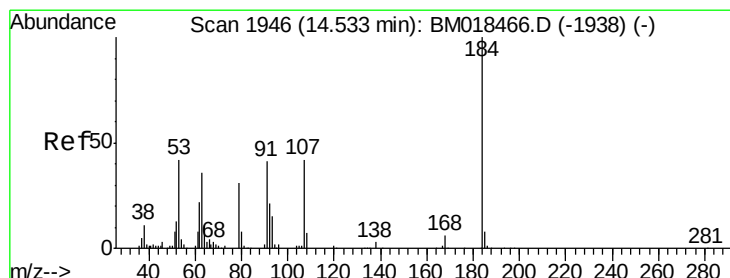
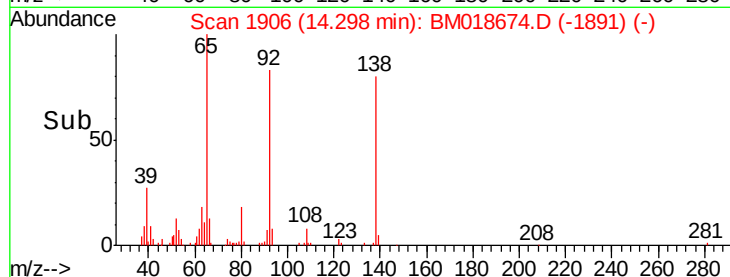
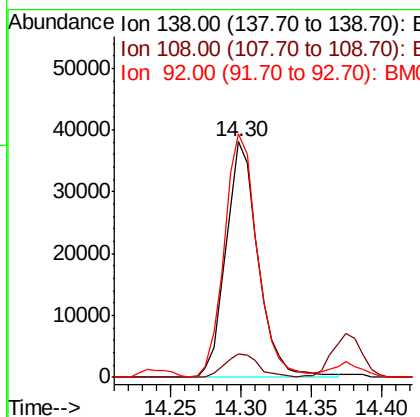
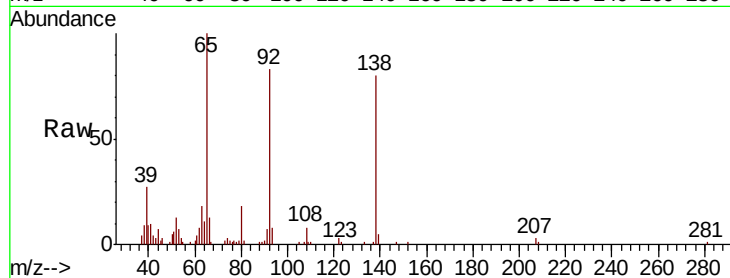




#53
3-Nitroaniline
Concen: 7.223 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

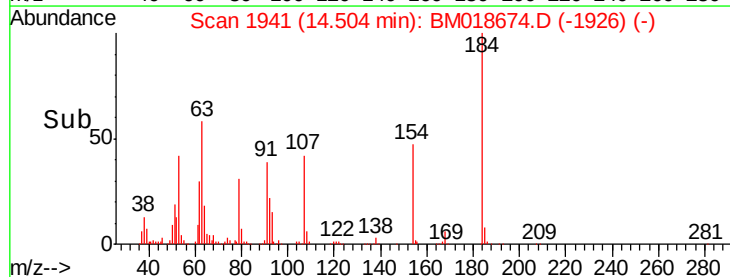
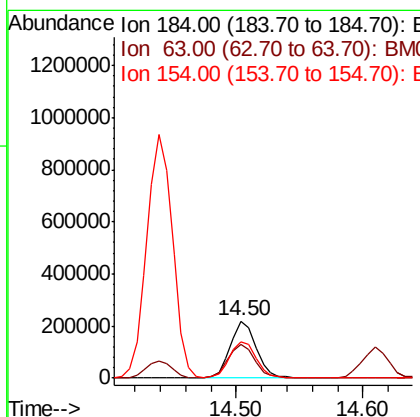
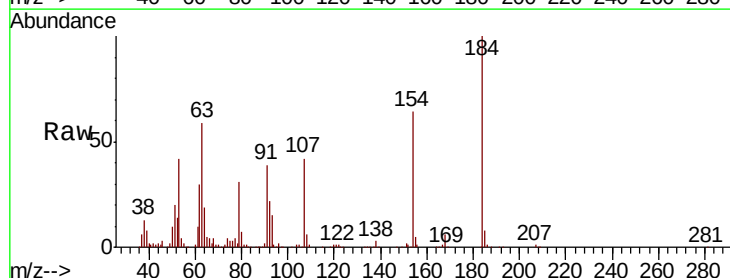
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

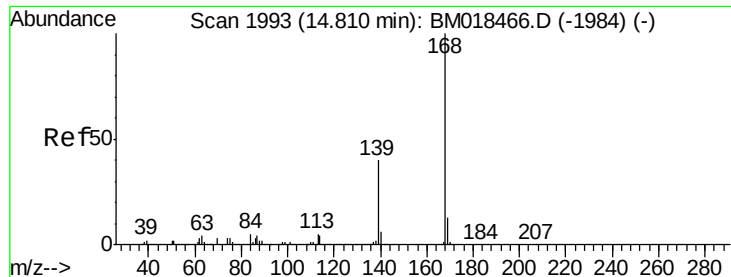
Tgt Ion:138 Resp: 60539
Ion Ratio Lower Upper
138 100
108 10.2 9.1 13.7
92 103.4 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 70.365 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:184 Resp: 312394
Ion Ratio Lower Upper
184 100
63 59.3 55.9 83.9
154 63.7 54.2 81.4





#55

Dibenzofuran

Concen: 44.699 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

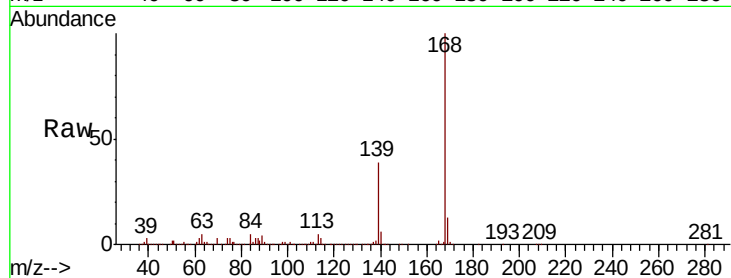
Tgt Ion:168 Resp: 2130944

Ion Ratio Lower Upper

168 100

139 38.8 30.3 45.5

169 13.4 10.6 16.0

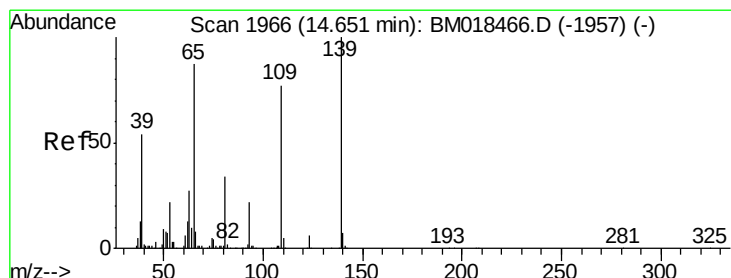
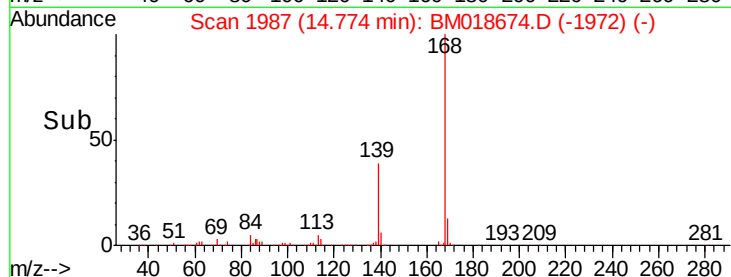
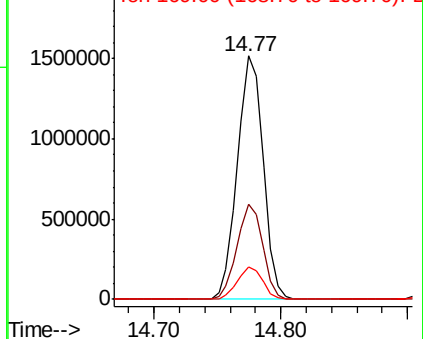


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.523 ng

RT: 14.61 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

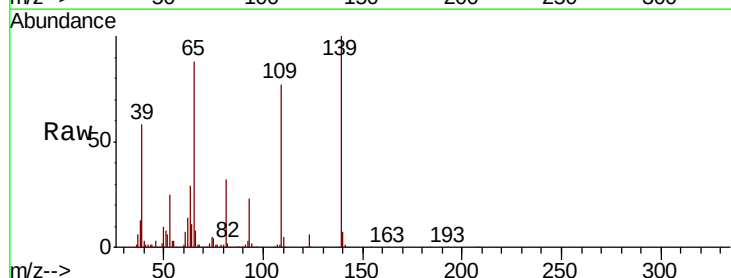
Tgt Ion:139 Resp: 612018

Ion Ratio Lower Upper

139 100

109 77.2 51.7 91.7

65 87.6 71.4 111.4

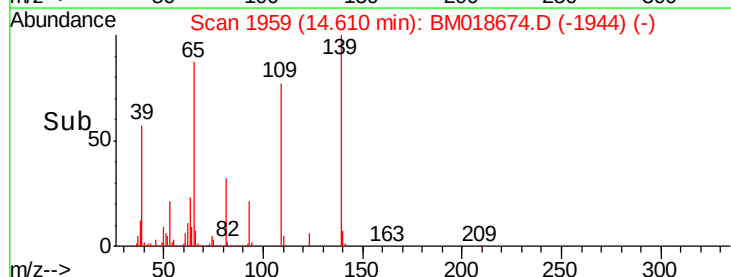
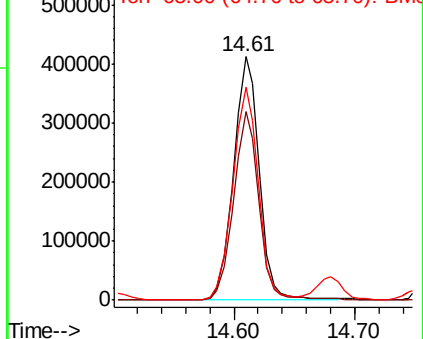


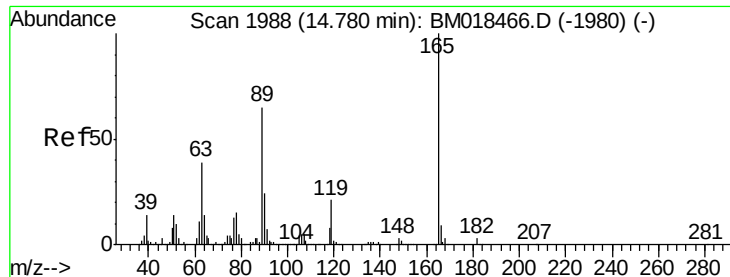
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

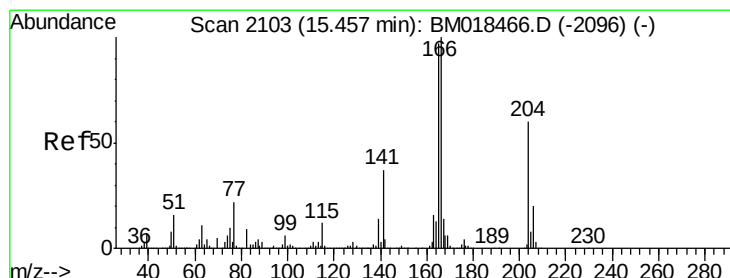
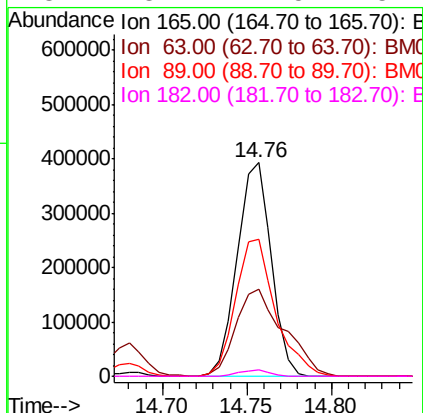
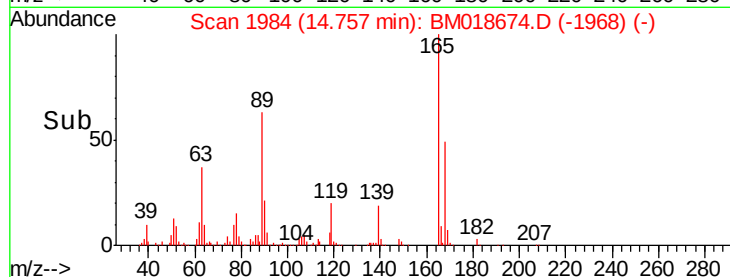
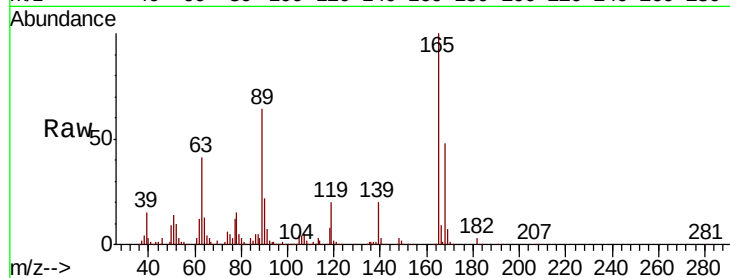




#57
 2,4-Dinitrotoluene
 Concen: 46.906 ng
 RT: 14.76 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

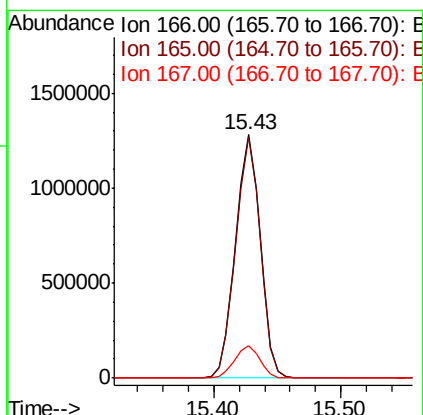
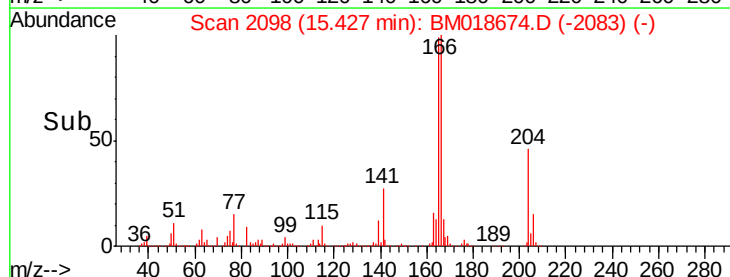
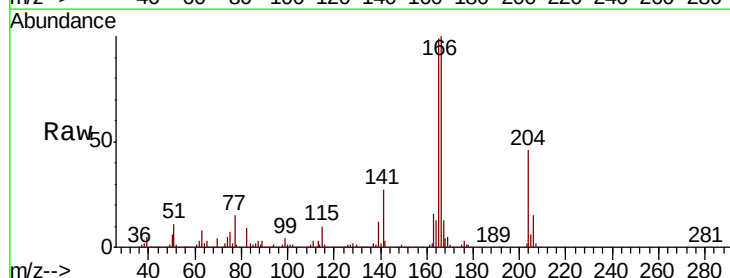
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

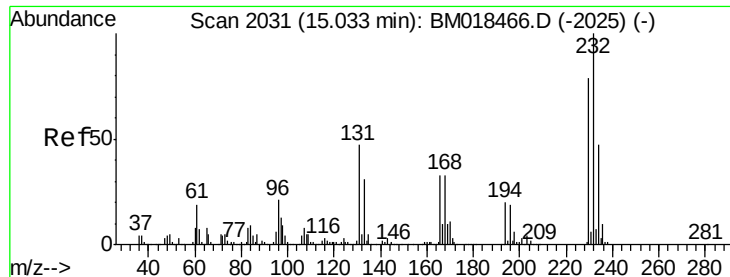
Tgt Ion:	165	Resp:	551754
Ion	Ratio	Lower	Upper
165	100		
63	40.5	32.2	48.2
89	64.0	52.1	78.1
182	3.1	2.5	3.7



#58
 Fluorene
 Concen: 48.759 ng
 RT: 15.43 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion:	166	Resp:	1731574
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.3	117.5
167	13.2	10.9	16.3

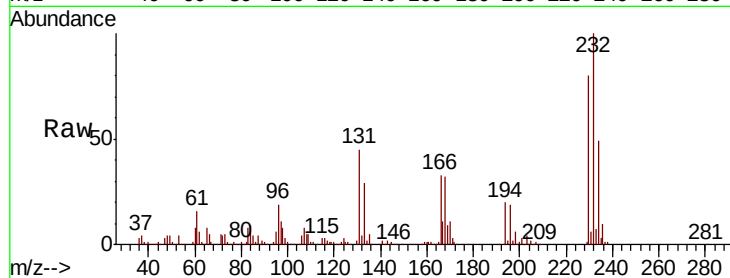




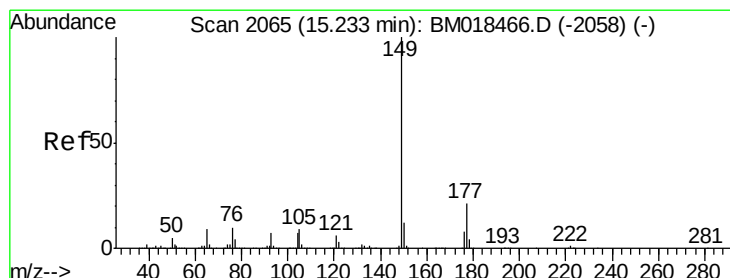
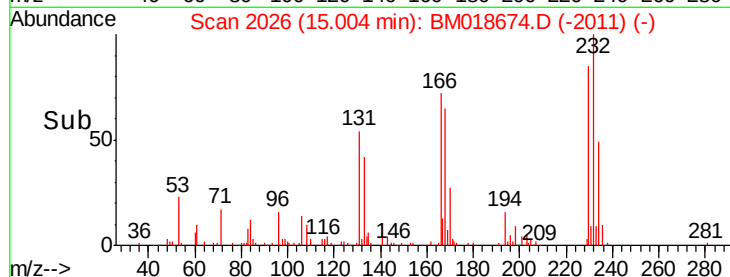
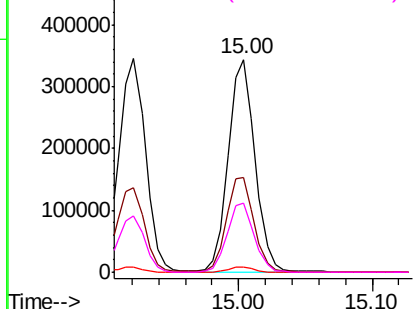
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.802 ng
RT: 15.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tgt Ion: 232 Resp: 480613
Ion Ratio Lower Upper
232 100
131 45.6 38.6 57.8
130 2.5 2.2 3.4
166 33.1 27.2 40.8

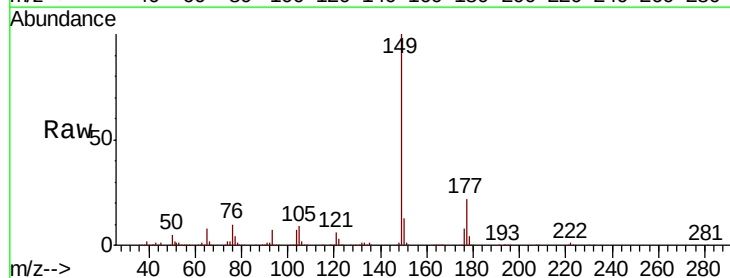


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

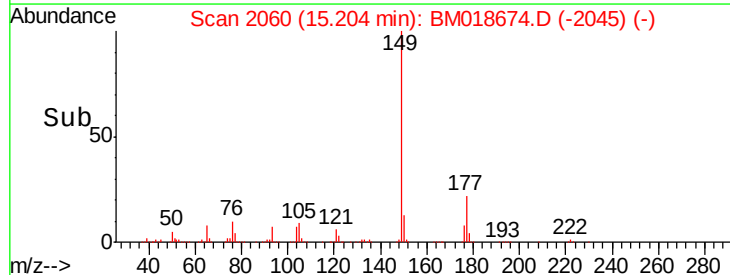
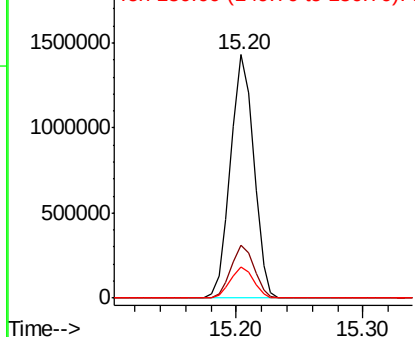


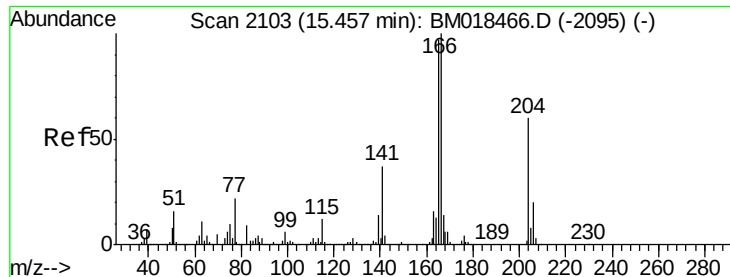
#60
Diethylphthalate
Concen: 45.762 ng
RT: 15.20 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion: 149 Resp: 1813170
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.6 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

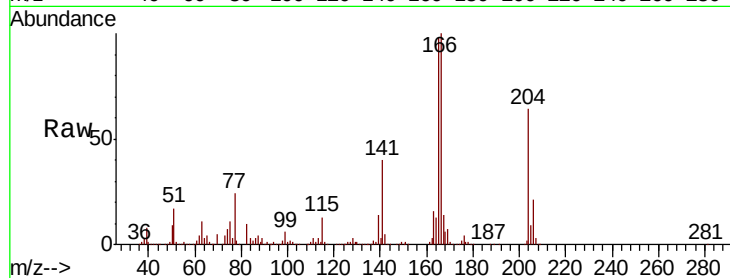




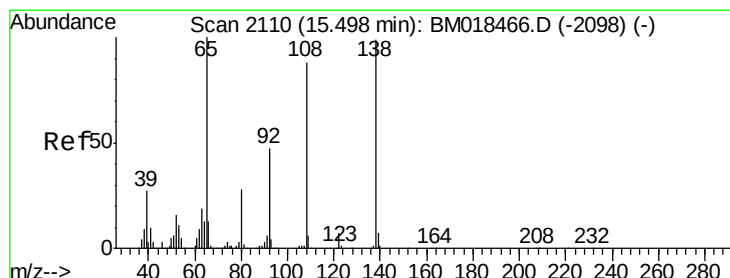
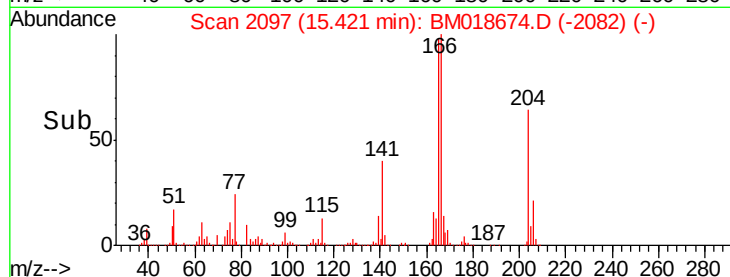
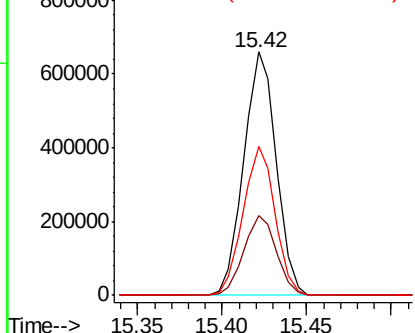
#61
 4-Chlorophenyl-phenylether
 Concen: 43.212 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

Tgt Ion:204 Resp: 884451
 Ion Ratio Lower Upper
 204 100
 206 32.8 25.8 38.6
 141 61.3 49.5 74.3

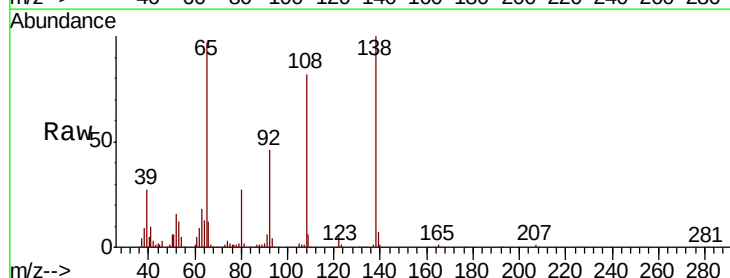


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

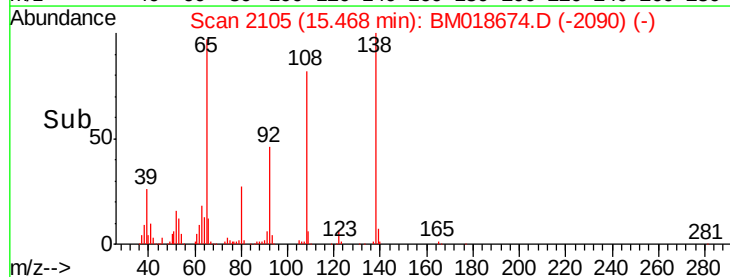
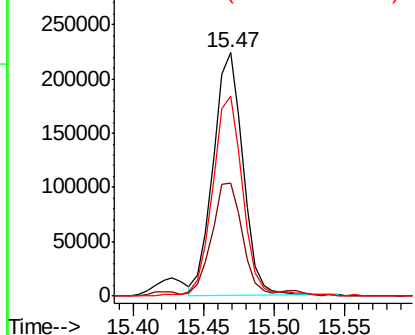


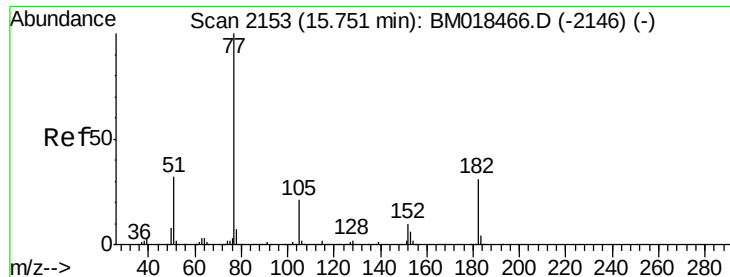
#62
 4-Nitroaniline
 Concen: 35.859 ng
 RT: 15.47 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion:138 Resp: 327834
 Ion Ratio Lower Upper
 138 100
 92 46.3 29.0 69.0
 108 82.0 63.9 103.9



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





#63

Azobenzene

Concen: 45.827 ng

RT: 15.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

Tgt Ion: 77 Resp: 1480404

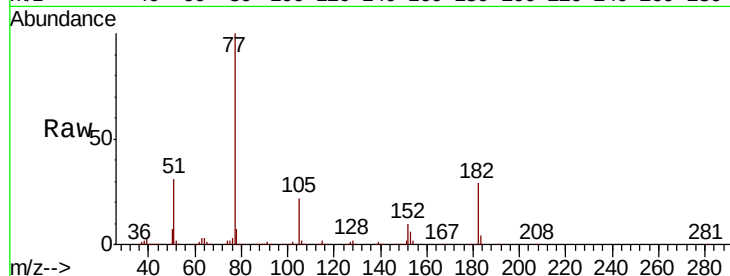
Ion Ratio Lower Upper

77 100

182 29.4 7.4 47.4

105 21.7 0.0 39.6

51 31.2 12.0 52.0

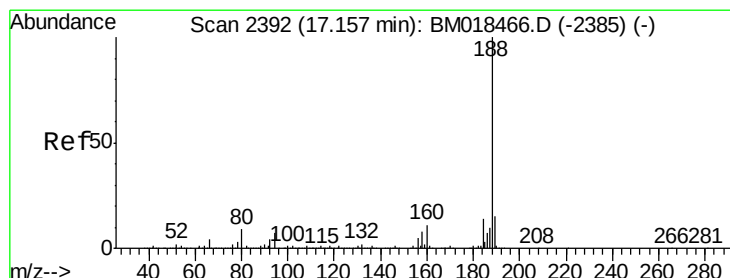
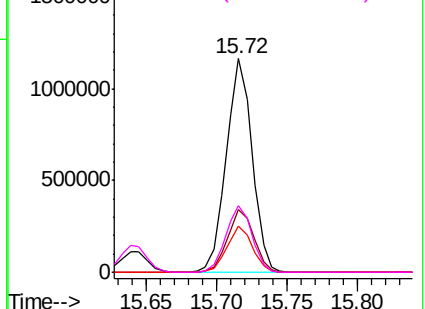
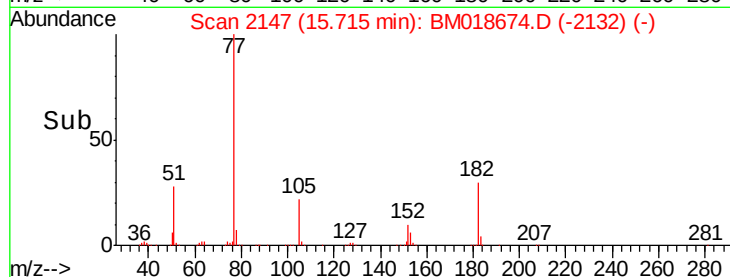


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

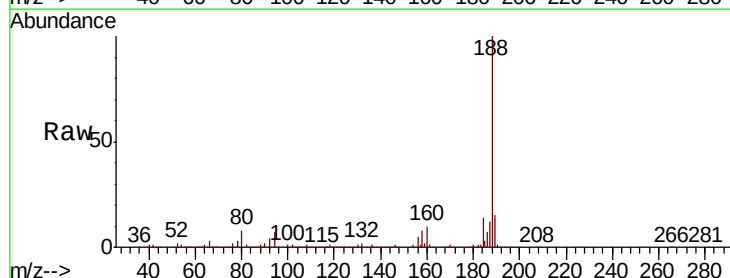
Tgt Ion: 188 Resp: 1077547

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

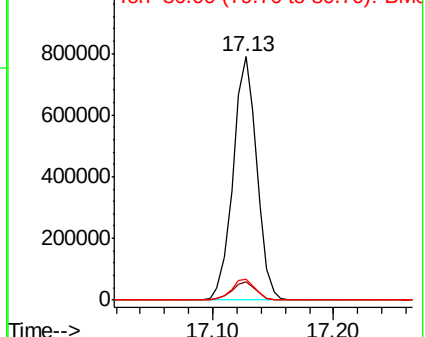
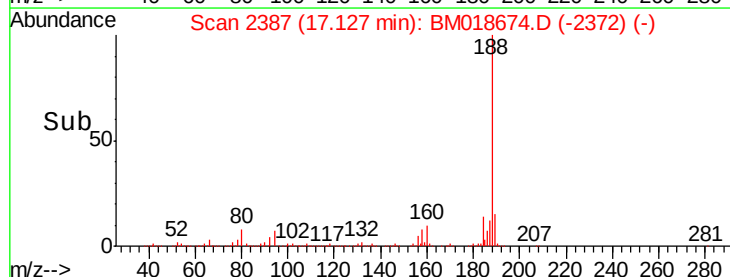
80 8.4 7.6 11.4

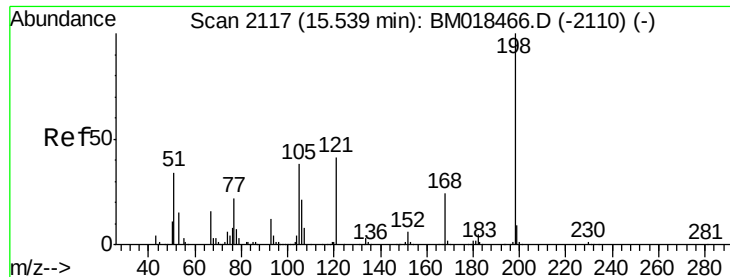


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

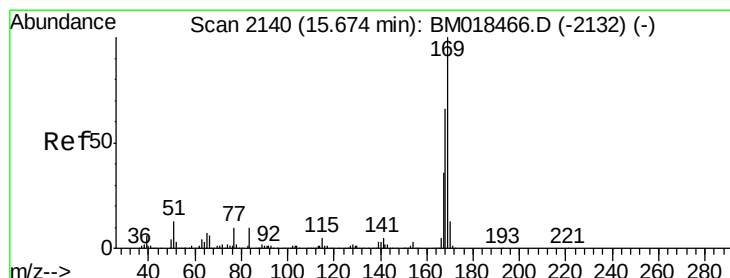
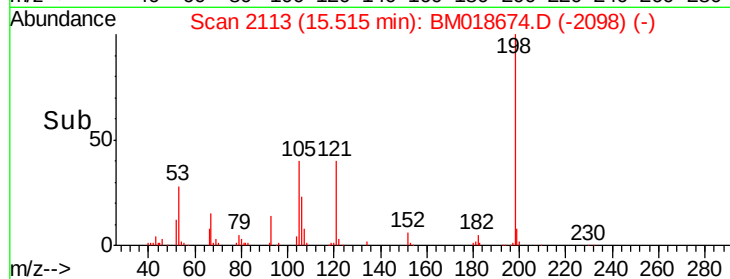
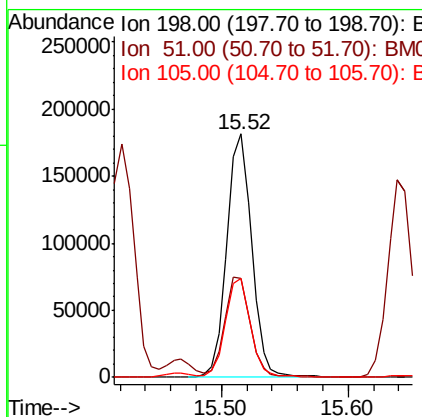
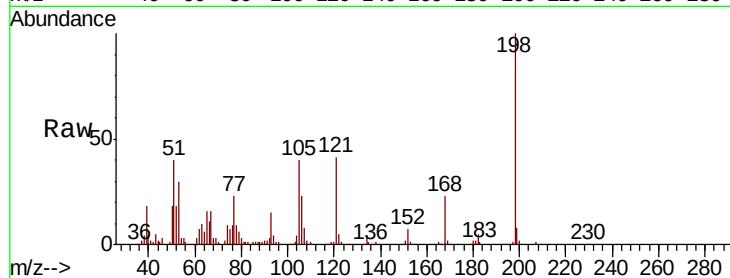




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.261 ng
 RT: 15.52 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

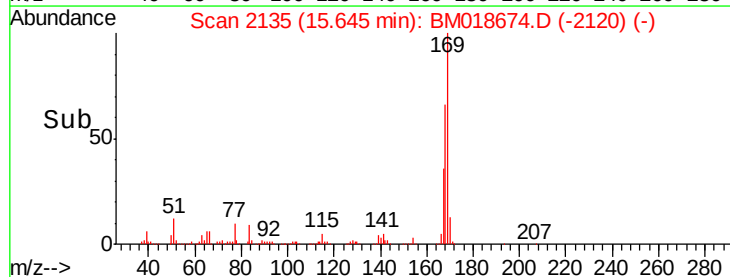
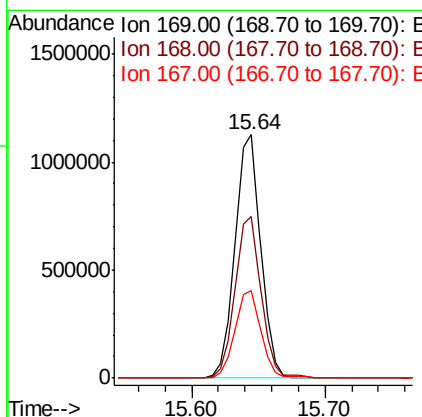
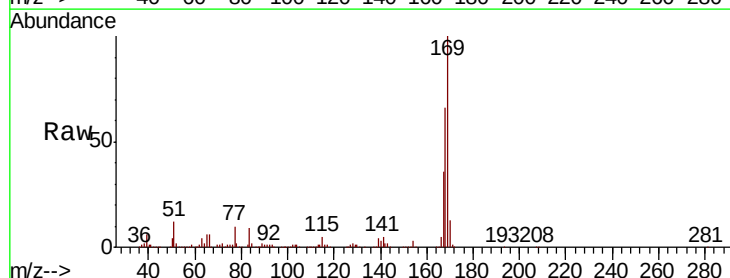
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

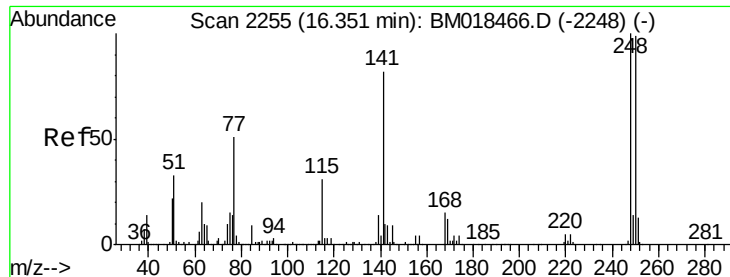
Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.4	29.6	69.6
105	40.4	25.5	65.5



#66
 n-Nitrosodiphenylamine
 Concen: 45.228 ng
 RT: 15.64 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.1	81.1
167	35.7	28.6	42.8

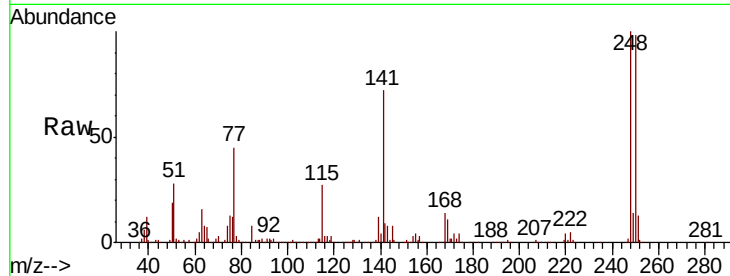




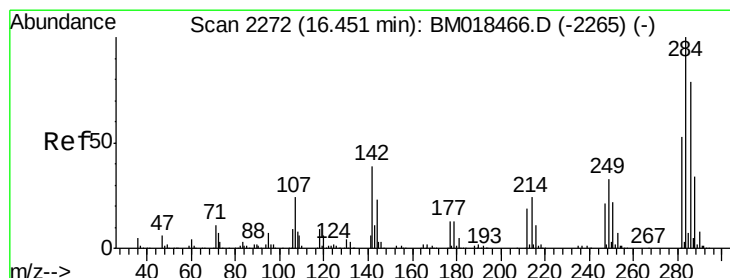
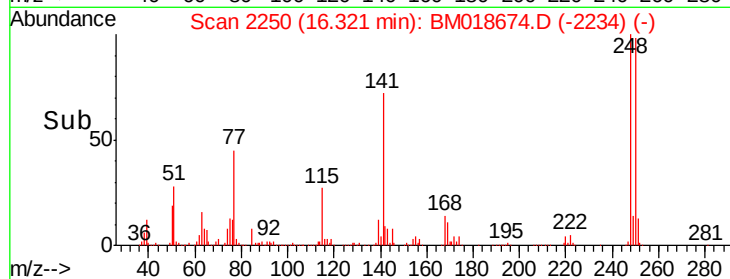
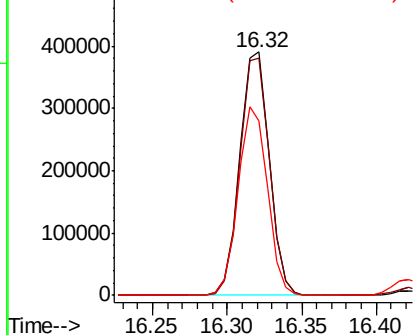
#67
4-Bromophenyl-phenylether
Concen: 44.516 ng
RT: 16.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Tgt Ion:248 Resp: 536792
Ion Ratio Lower Upper
248 100
250 97.6 76.0 114.0
141 71.6 61.5 92.3

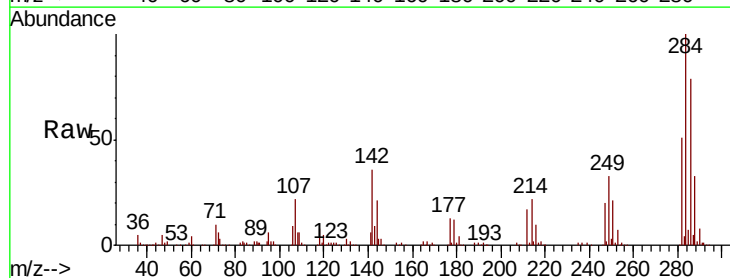


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

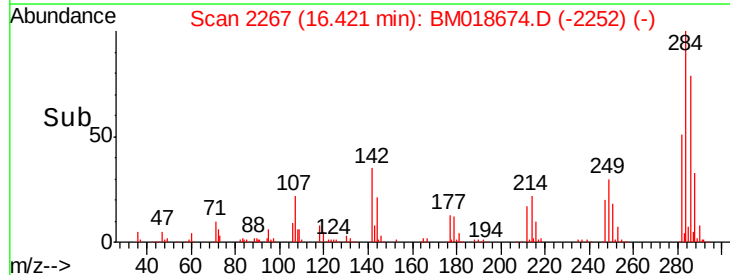
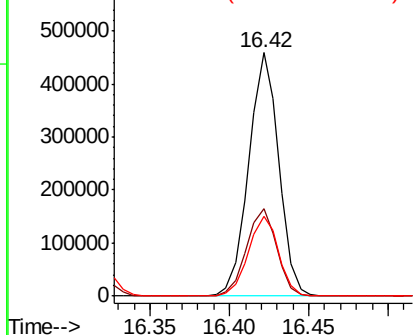


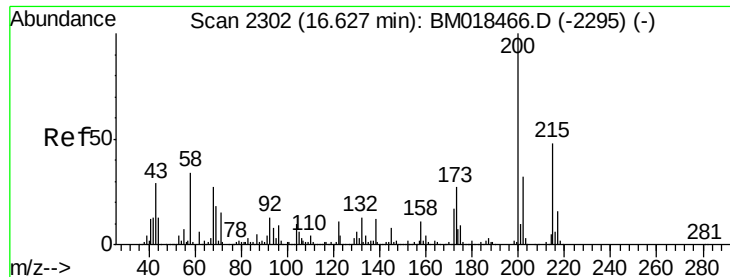
#68
Hexachlorobenzene
Concen: 44.641 ng
RT: 16.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:284 Resp: 602624
Ion Ratio Lower Upper
284 100
142 36.1 29.2 43.8
249 32.7 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: 46.178 ng

RT: 16.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

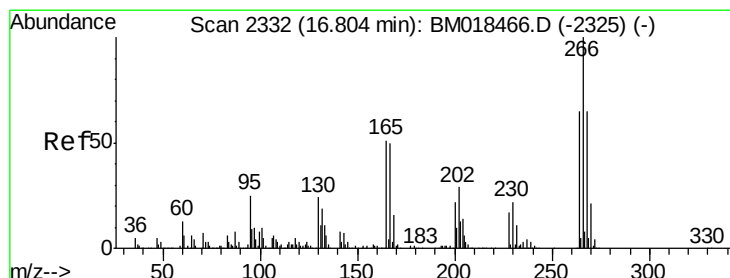
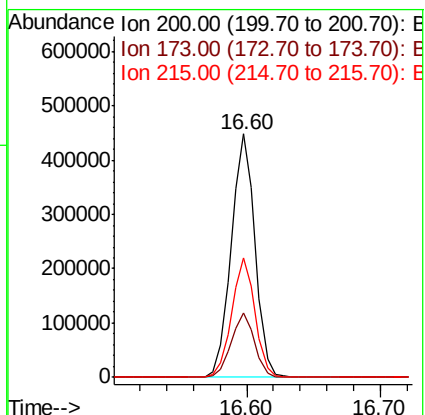
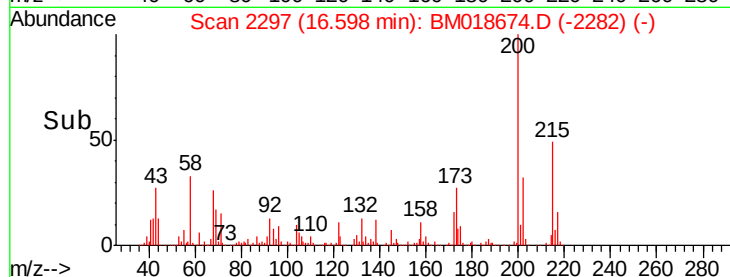
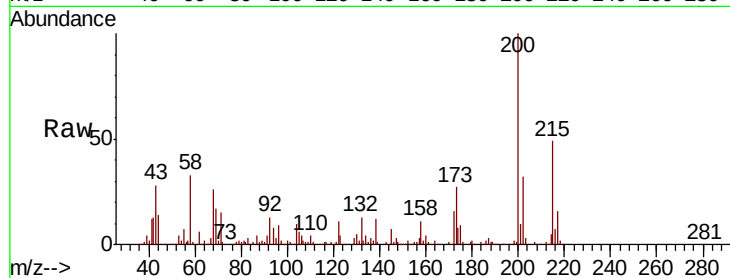
Tgt Ion:200 Resp: 557996

Ion Ratio Lower Upper

200 100

173 26.6 7.2 47.2

215 48.9 28.3 68.3



#70

Pentachlorophenol

Concen: 84.953 ng

RT: 16.77 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

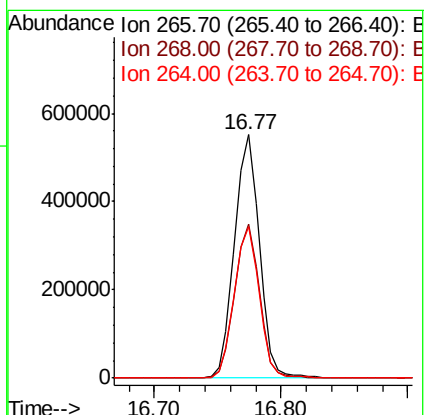
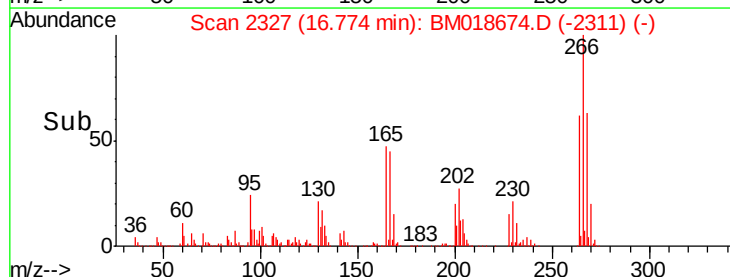
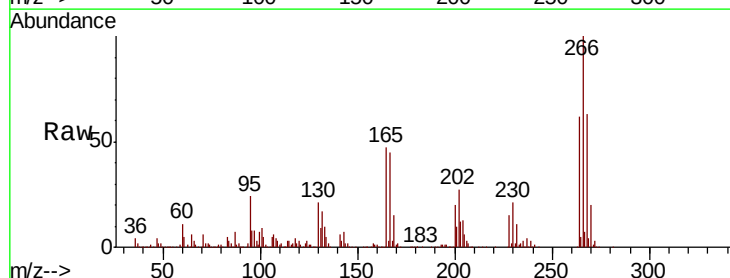
Tgt Ion:266 Resp: 751060

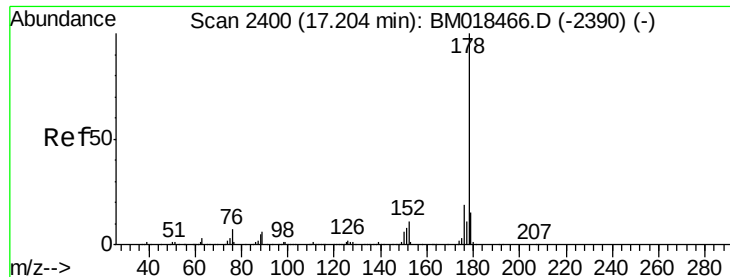
Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.6

264 62.3 50.1 75.1

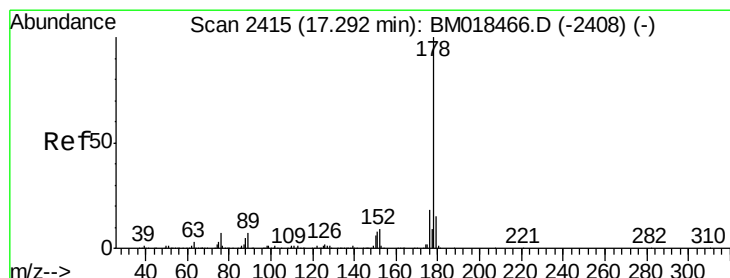
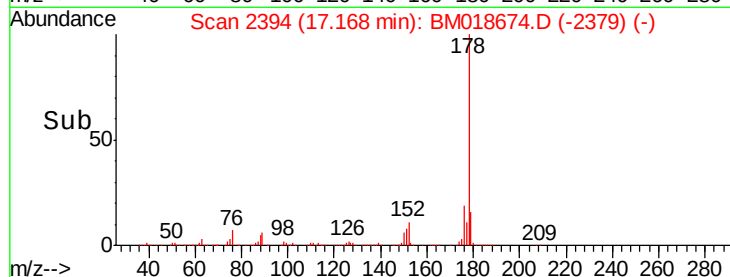
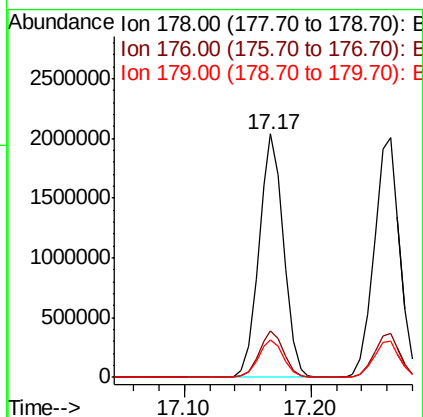
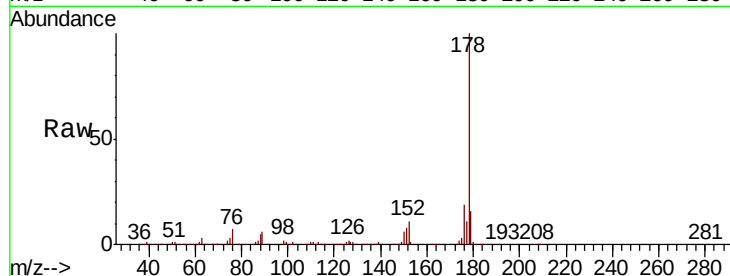




#71
Phenanthrene
Concen: 47.985 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

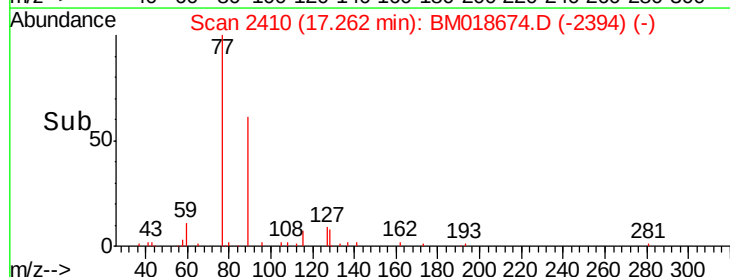
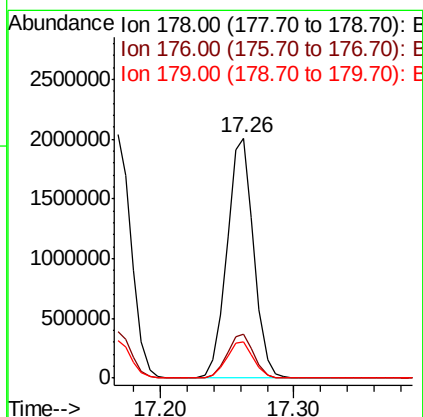
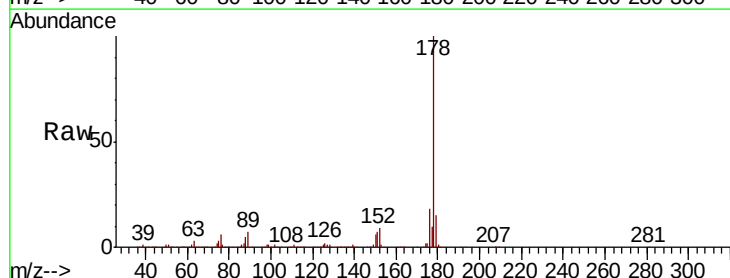
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

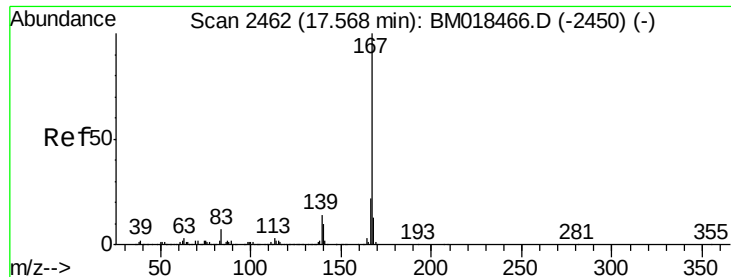
Tgt Ion:178 Resp: 2750225
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.2 18.4



#72
Anthracene
Concen: 50.743 ng
RT: 17.26 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:178 Resp: 2796657
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.0 12.2 18.4

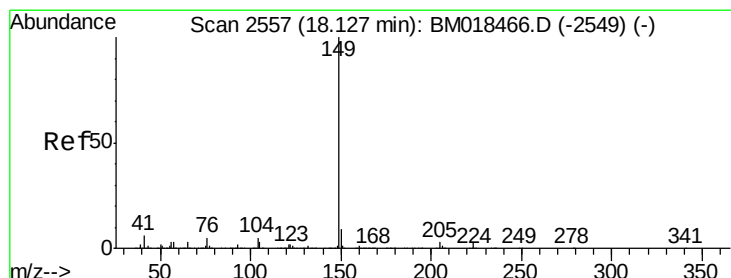
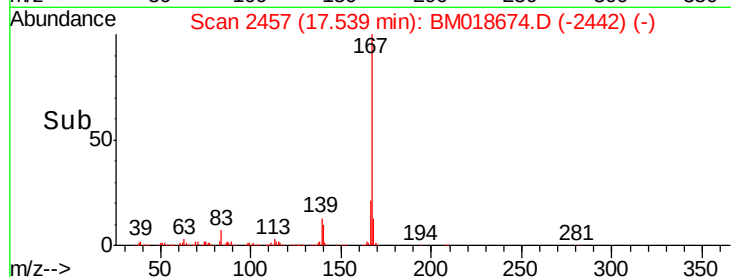
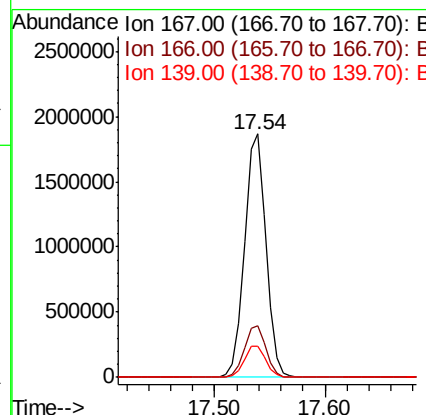
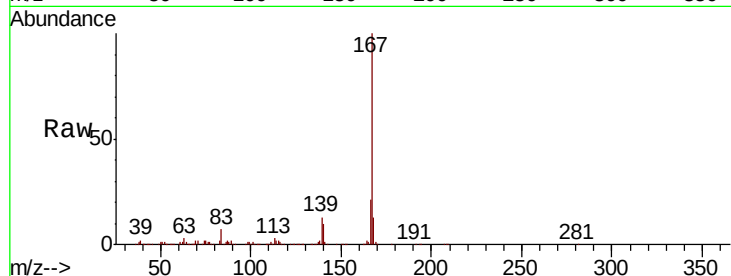




#73
 Carbazole
 Concen: 44.967 ng
 RT: 17.54 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

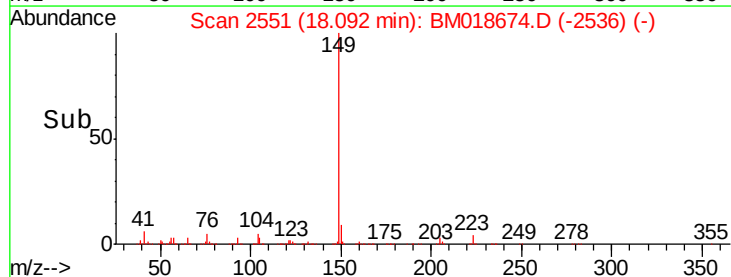
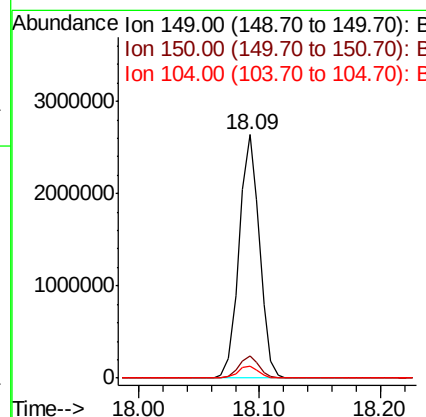
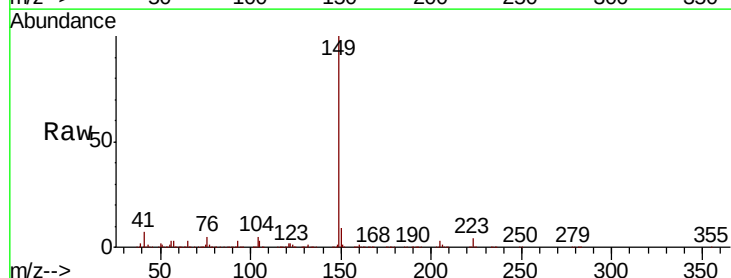
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMSD

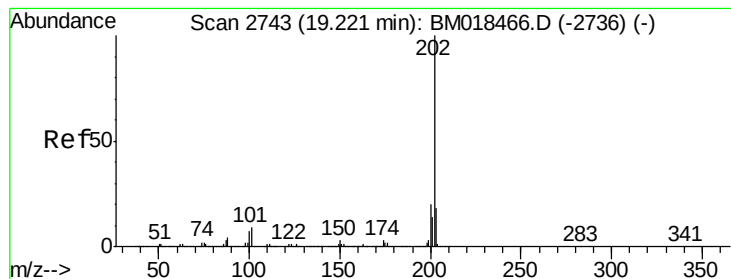
Tgt Ion:167 Resp: 2546172
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.017 ng
 RT: 18.09 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM018674.D
 Acq: 28 Jan 2019 21:09

Tgt Ion:149 Resp: 3102257
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 49.248 ng

RT: 19.19 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

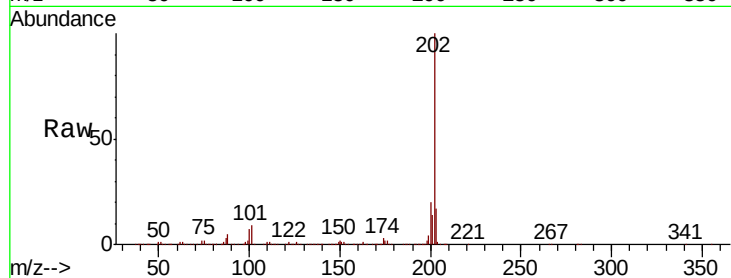
Tgt Ion:202 Resp: 3254256

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.9

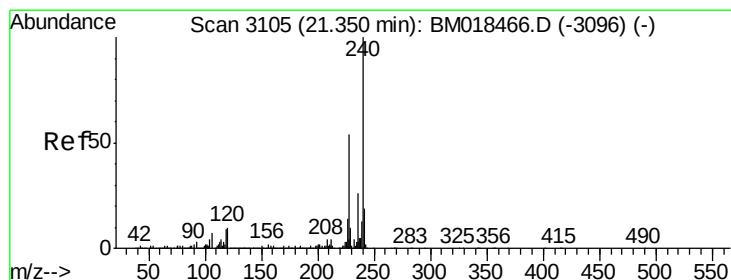
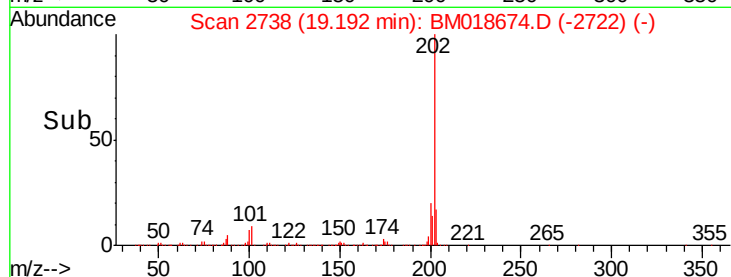
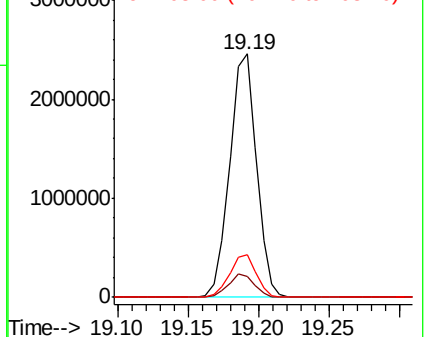
203 17.4 0.0 37.4



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: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

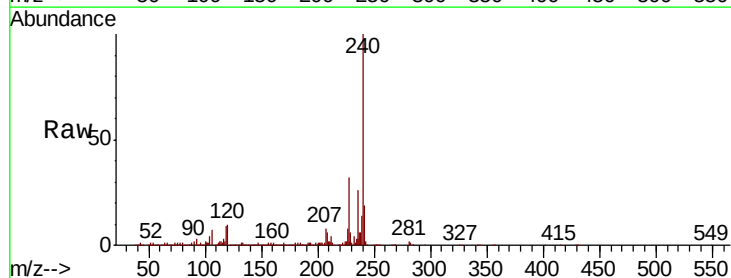
Tgt Ion:240 Resp: 1154403

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

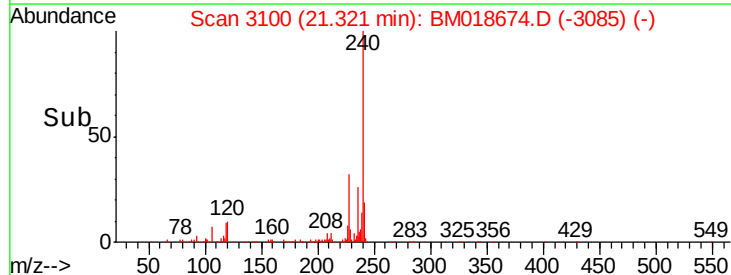
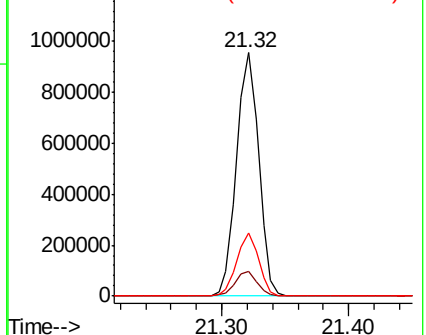
236 25.7 20.7 31.1

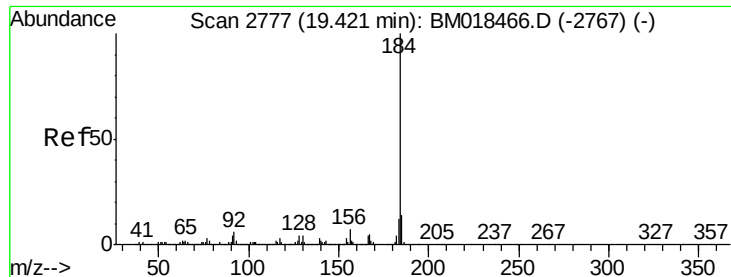


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.516 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

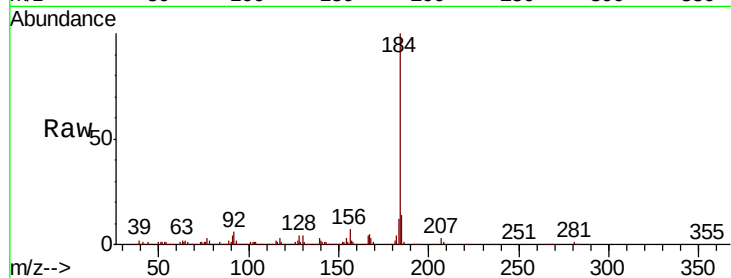
Tgt Ion:184 Resp: 613281

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 12.0 9.5 14.3

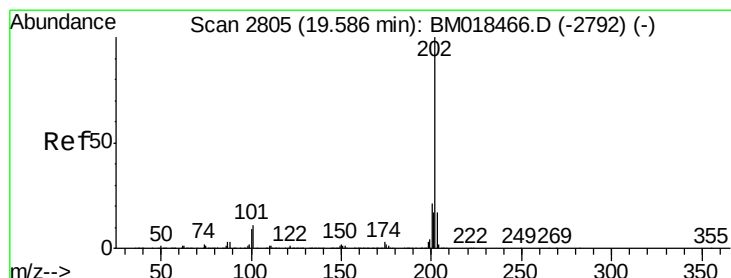
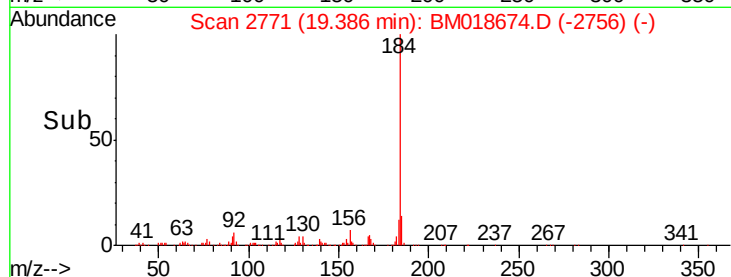
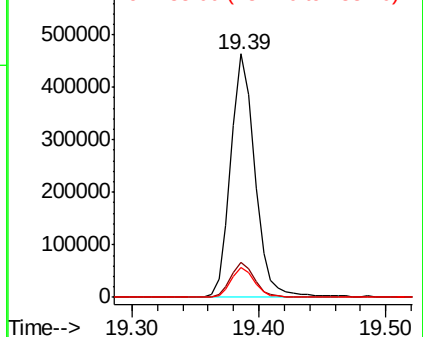


Abundance

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: 48.976 ng

RT: 19.56 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

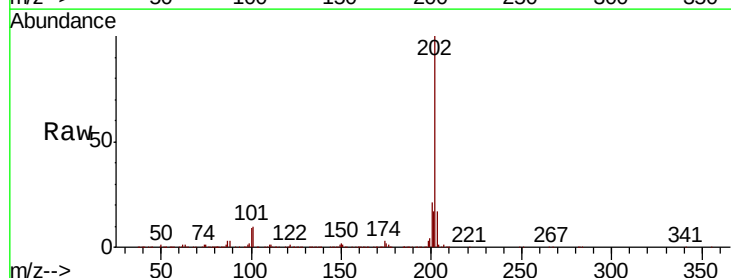
Tgt Ion:202 Resp: 3351302

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

203 17.1 13.8 20.8

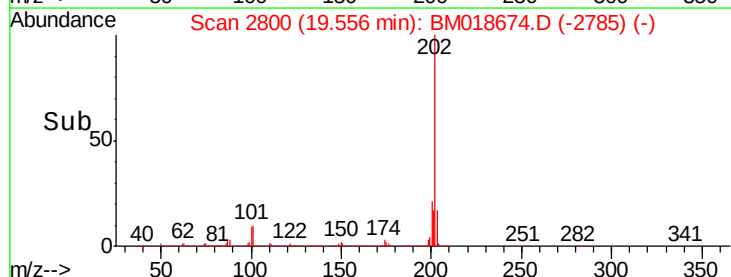
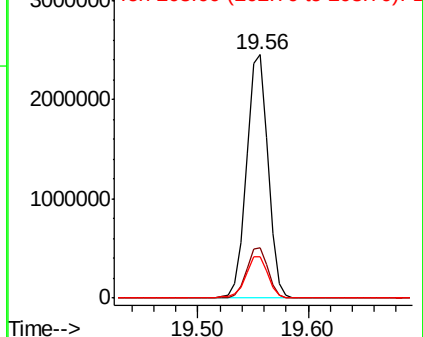


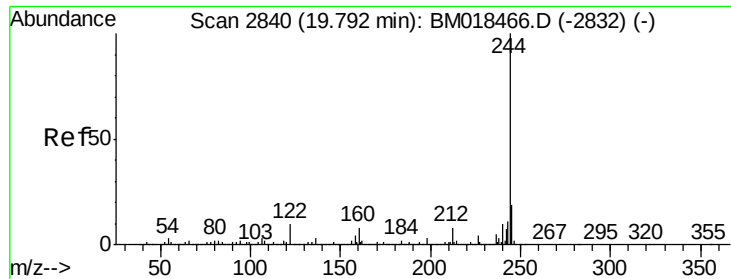
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.222 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

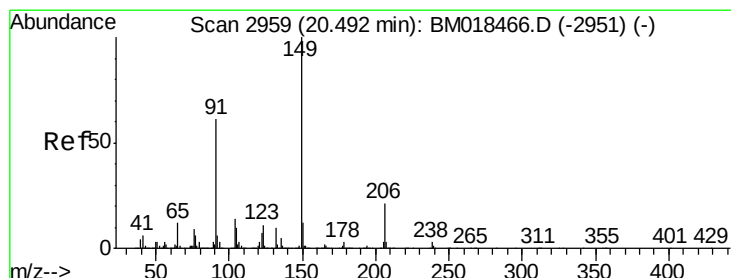
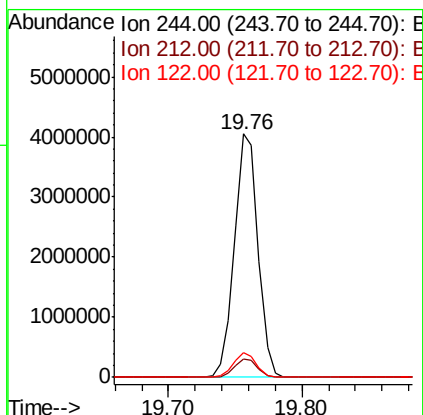
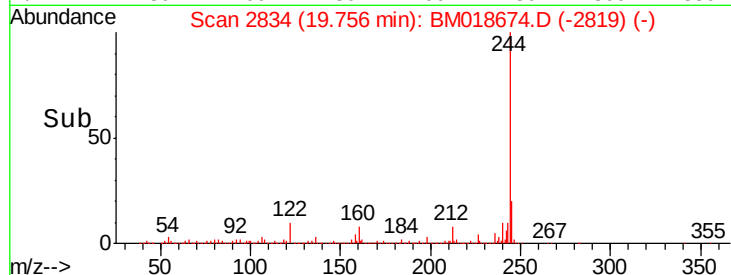
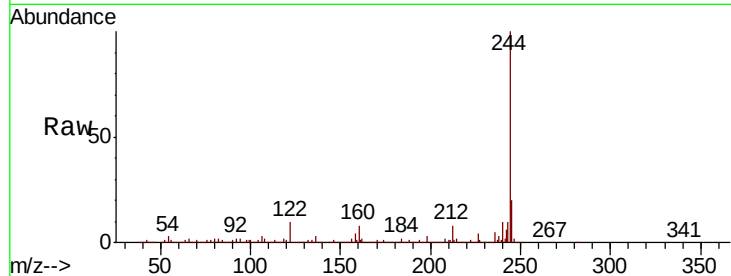
Tgt Ion:244 Resp: 4995517

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 10.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 49.654 ng

RT: 20.46 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

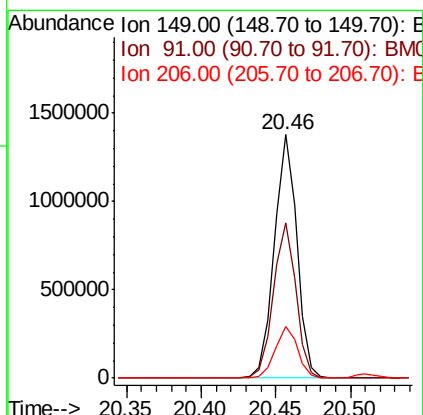
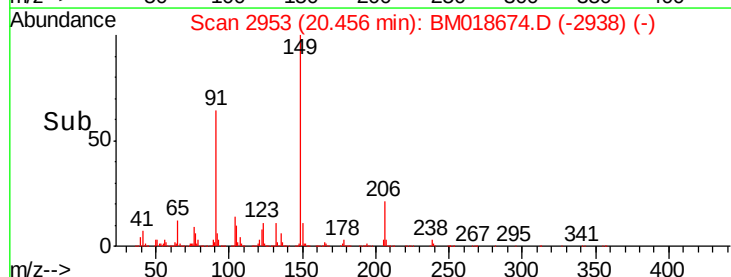
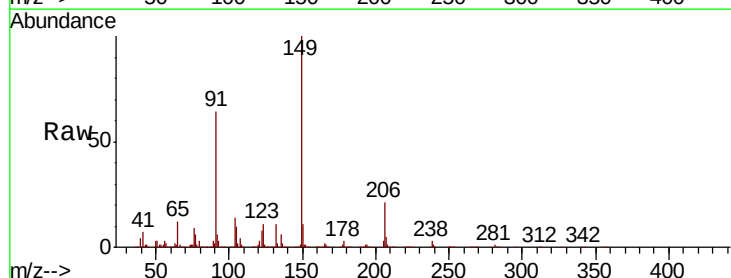
Tgt Ion:149 Resp: 1449835

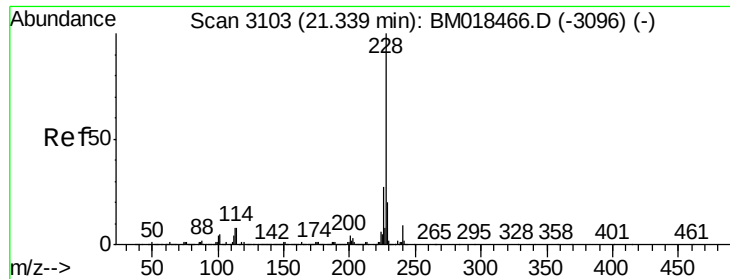
Ion Ratio Lower Upper

149 100

91 63.9 53.1 79.7

206 21.0 16.2 24.4





#81

Benzo(a)anthracene

Concen: 49.295 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

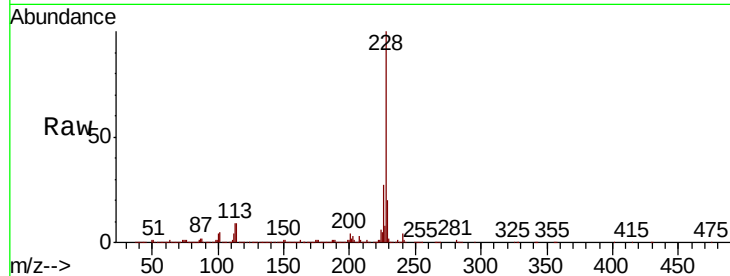
Tgt Ion:228 Resp: 3352409

Ion Ratio Lower Upper

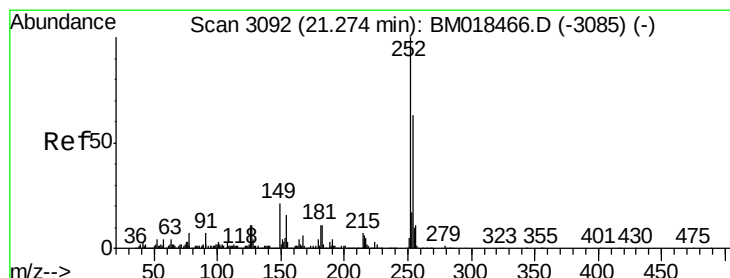
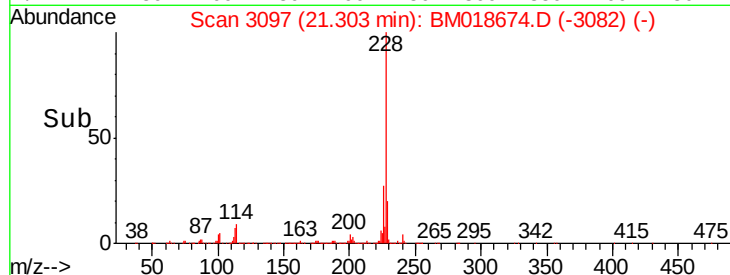
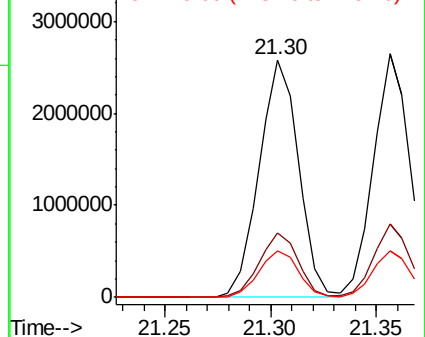
228 100

226 27.0 21.8 32.6

229 19.8 15.8 23.8



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



#82

3,3'-Dichlorobenzidine

Concen: 12.669 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

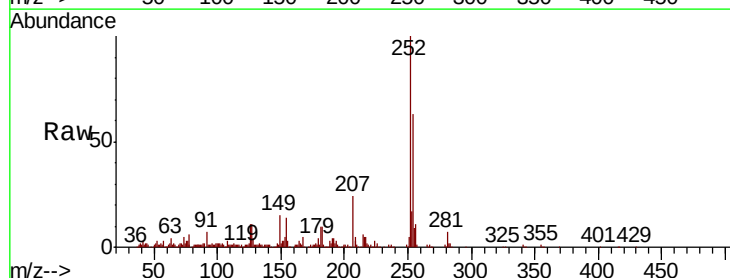
Tgt Ion:252 Resp: 325817

Ion Ratio Lower Upper

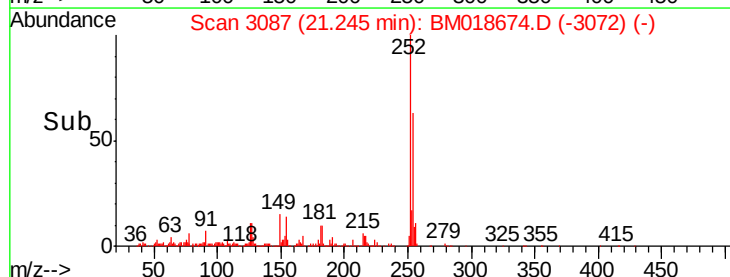
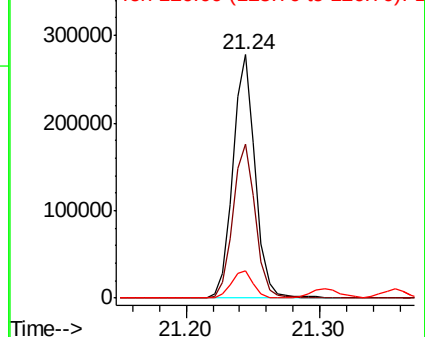
252 100

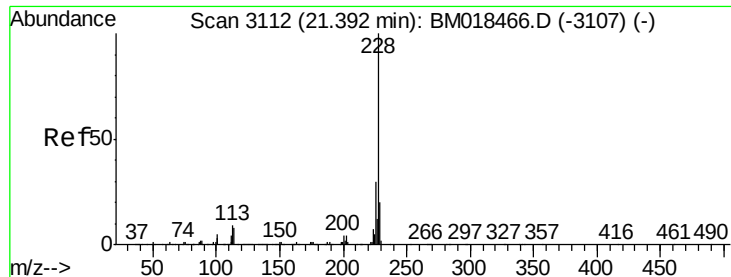
254 63.4 51.4 77.0

126 11.1 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: 48.152 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

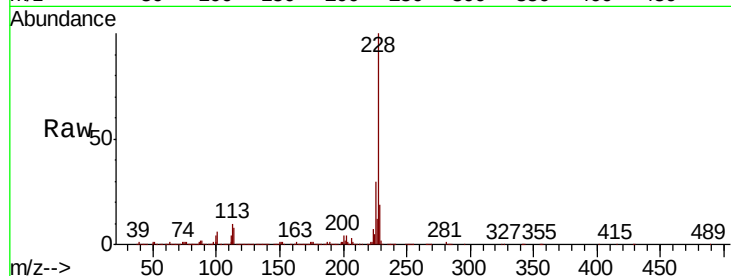
BNA_M

ClientSampleId :

OR-01-012519-AMSD

Tgt Ion:228 Resp: 3162200

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.3	15.6	23.4

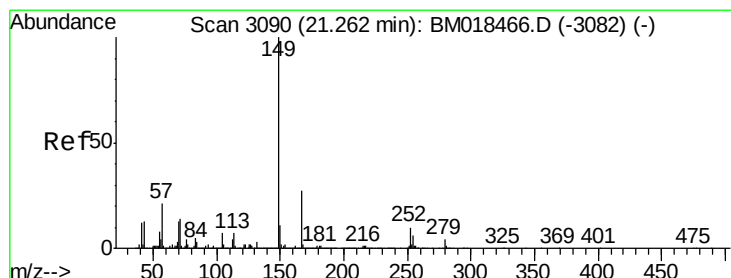
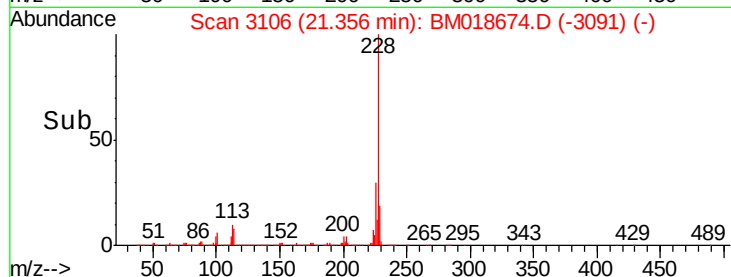
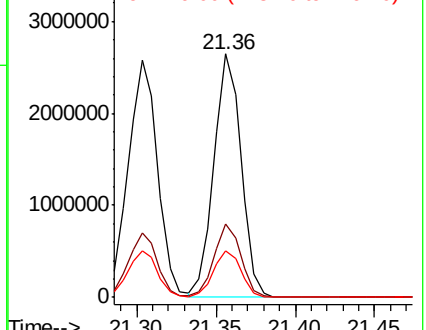


Abundance

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: 49.122 ng

RT: 21.23 min Scan# 3084

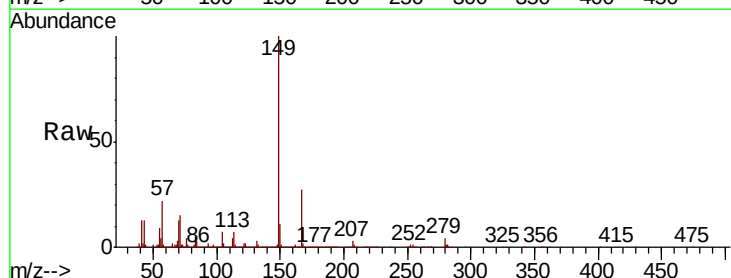
Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Tgt Ion:149 Resp: 2071148

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	4.3	3.3	4.9

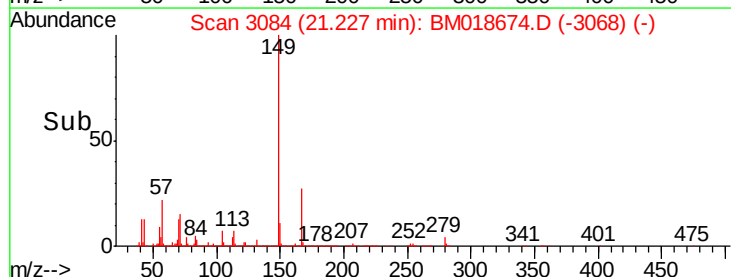
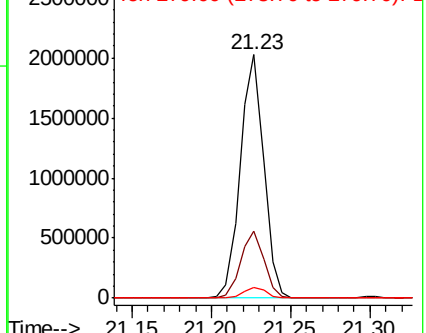


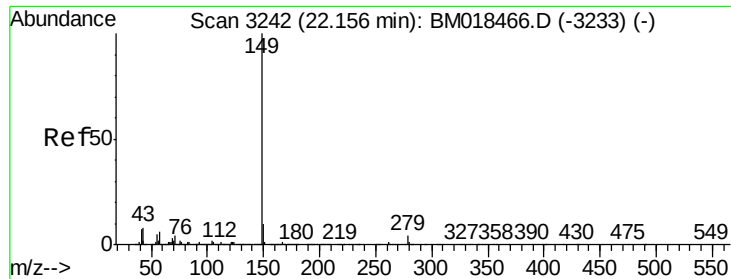
Abundance

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: 51.559 ng

RT: 22.12 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

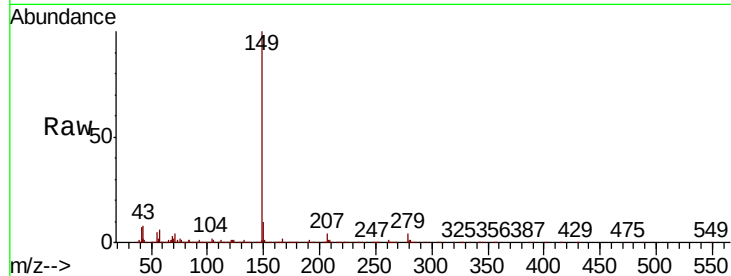
Tgt Ion:149 Resp: 3656242

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

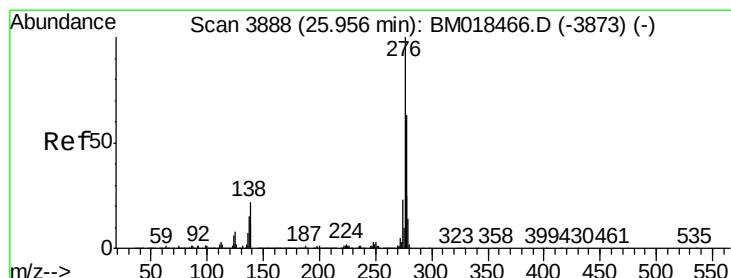
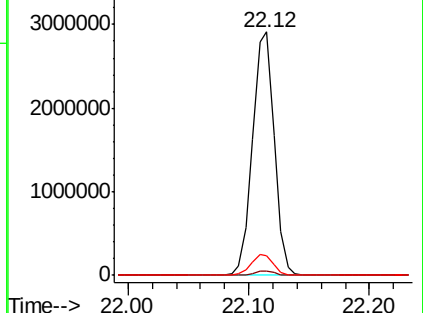
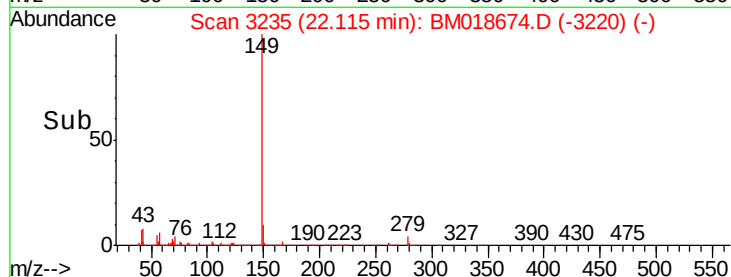
43 8.6 8.6 12.8



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: 49.767 ng

RT: 25.89 min Scan# 3877

Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

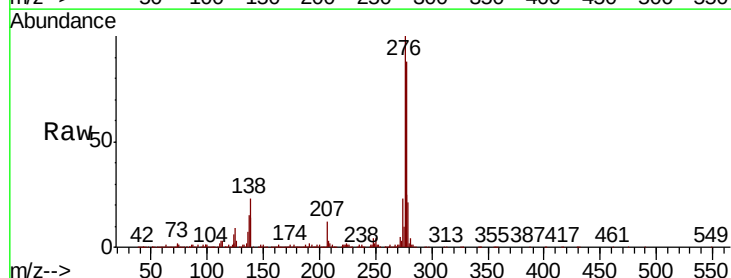
Tgt Ion:276 Resp: 3768716

Ion Ratio Lower Upper

276 100

138 24.0 21.5 32.3

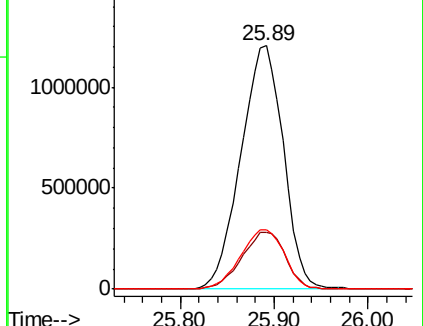
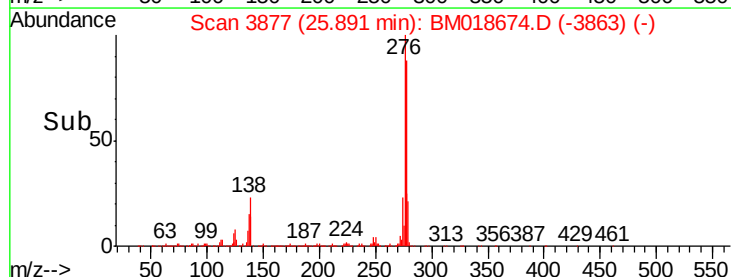
277 25.2 20.2 30.2

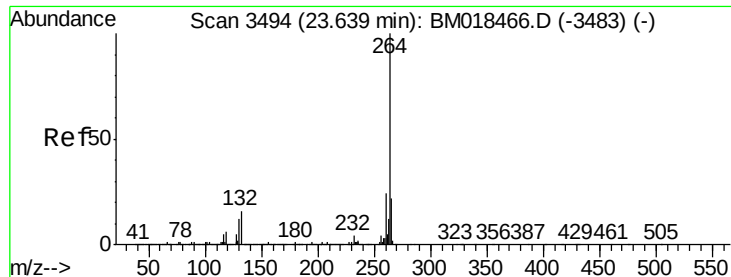


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.59 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMSD

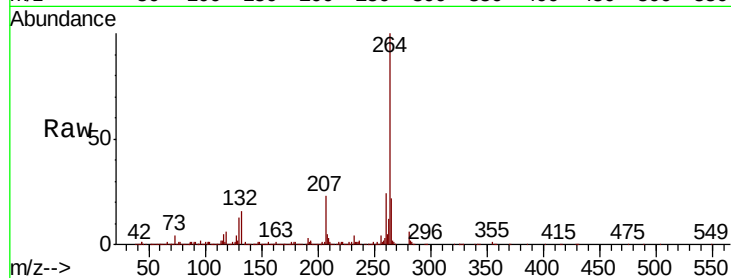
Tgt Ion:264 Resp: 1176026

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.1 16.8 25.2

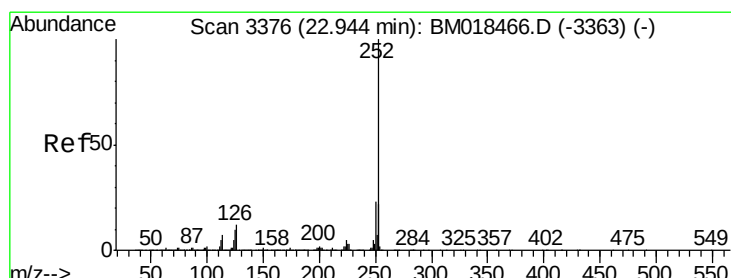
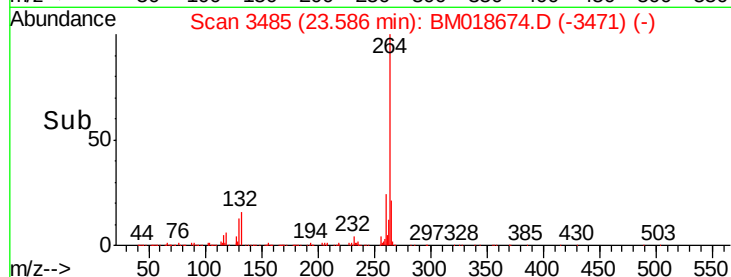
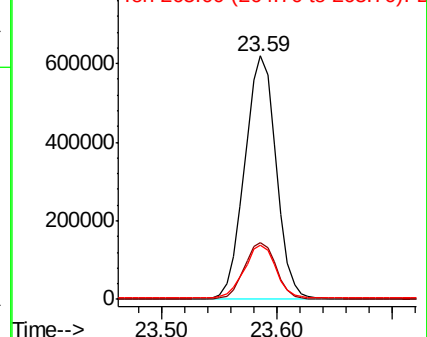


Abundance

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: 50.523 ng

RT: 22.90 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

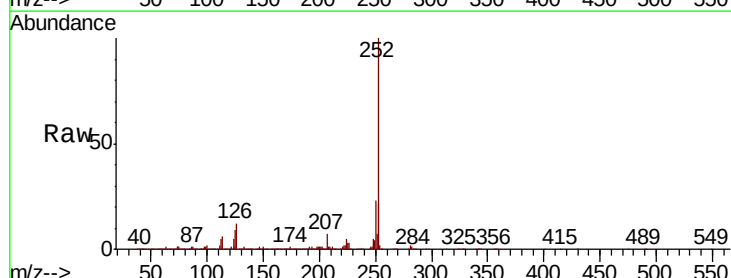
Tgt Ion:252 Resp: 3373208

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.1 8.5 12.7

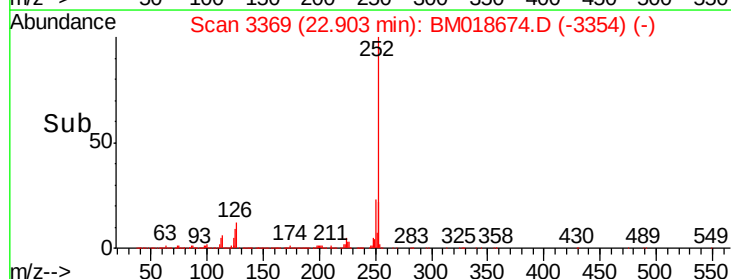
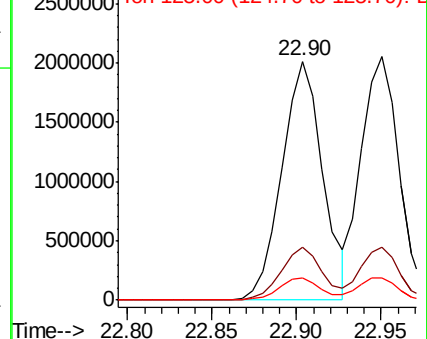


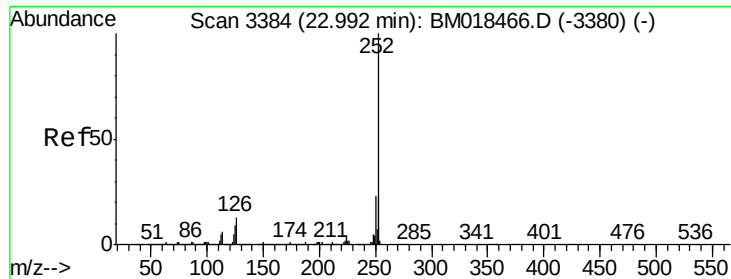
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

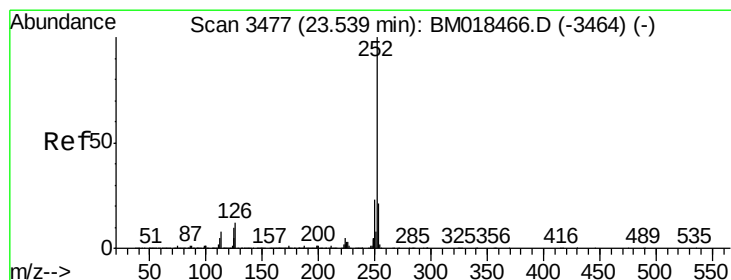
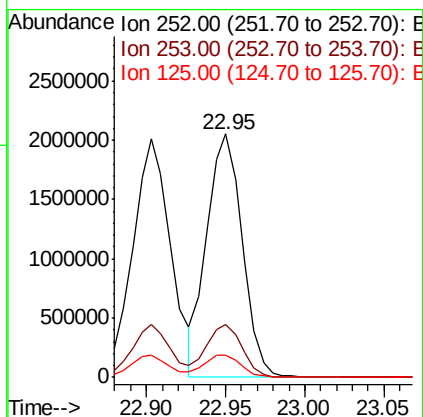
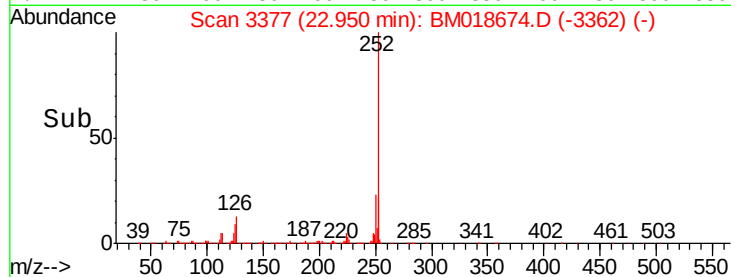
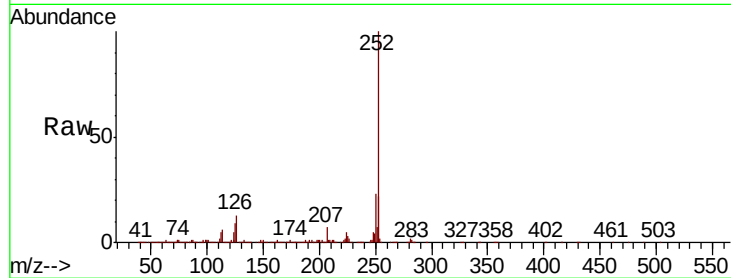




#89
Benzo(k)fluoranthene
Concen: 47.451 ng
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

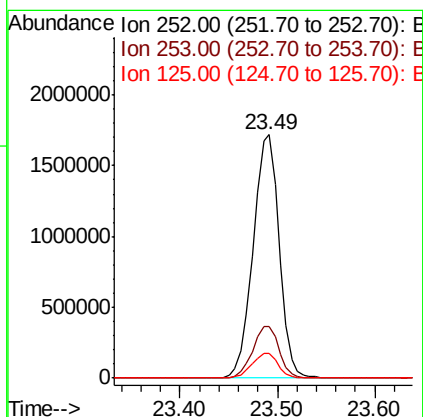
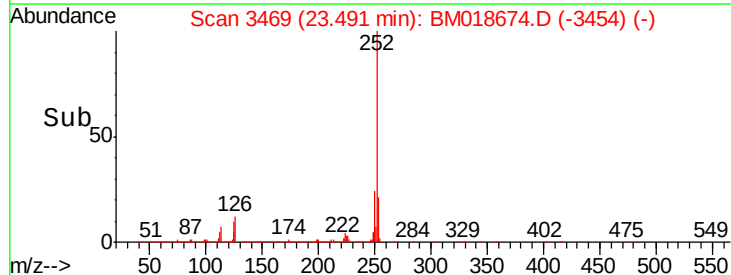
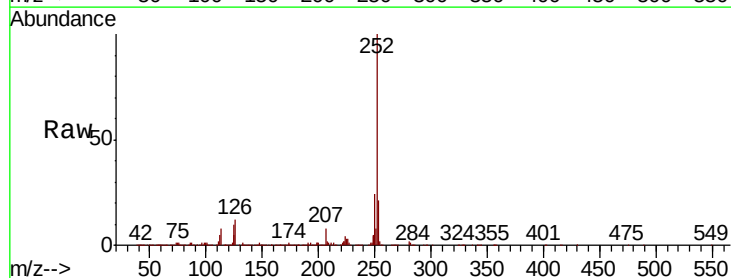
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

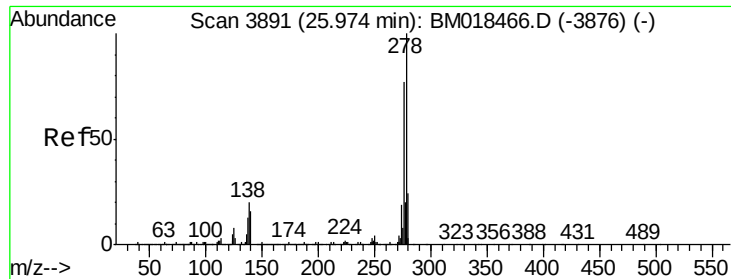
Tgt Ion:252 Resp: 3192734
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.3 8.6 12.8



#90
Benzo(a)pyrene
Concen: 50.118 ng
RT: 23.49 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018674.D
Acq: 28 Jan 2019 21:09

Tgt Ion:252 Resp: 3203475
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.0 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 49.376 ng

RT: 25.90 min Scan# 3879

Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Instrument :

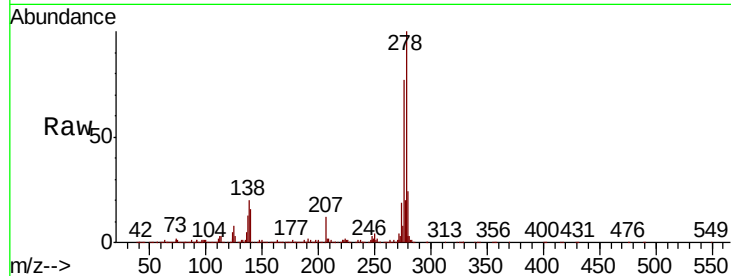
BNA_M

ClientSampleId :

OR-01-012519-AMSD

Tgt Ion:278 Resp: 3197872

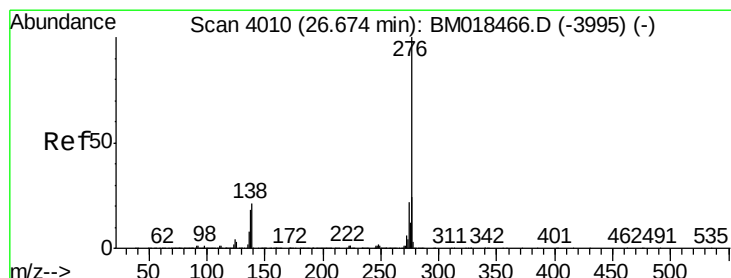
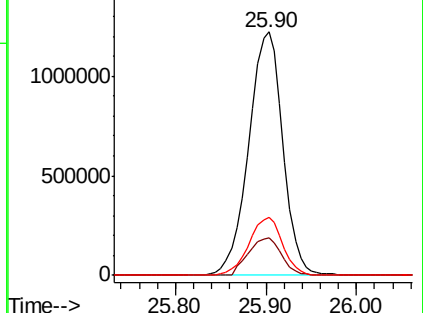
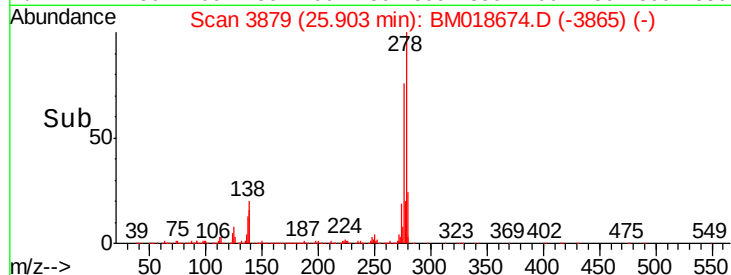
Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.2	19.8
279	23.7	19.0	28.4



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: 49.491 ng

RT: 26.60 min Scan# 3997

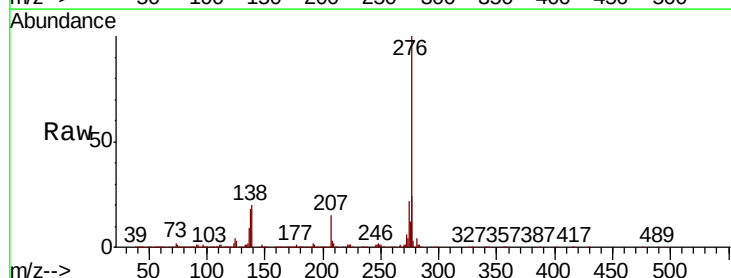
Delta R.T. -0.02 min

Lab File: BM018674.D

Acq: 28 Jan 2019 21:09

Tgt Ion:276 Resp: 3119149

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.0	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

