

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019958.D
 Acq On : 18 Apr 2019 17:53
 Operator : JU/SJ
 Sample : PB119018BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:41:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	93599	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	378986	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	209520	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	464695	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	525073	20.00	ng	-0.02
87) Perylene-d12	23.35	264	498910	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	826571	143.12	ng	-0.02
7) Phenol-d6	6.71	99	1100686	126.63	ng	-0.02
23) Nitrobenzene-d5	8.69	82	637508	75.23	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	433811	128.62	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1256695	74.75	ng	-0.02
79) Terphenyl-d14	19.59	244	2033883	68.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	145700	58.460	ng	99
3) Pyridine	3.50	79	236329	33.859	ng	97
4) n-Nitrosodimethylamine	3.42	42	95701	42.563	ng	# 93
6) Aniline	6.86	93	321145	28.606	ng	100
8) 2-Chlorophenol	7.08	128	292270	40.688	ng	99
9) Benzaldehyde	6.69	77	84874	13.934	ng	99
10) Phenol	6.73	94	388135	40.871	ng	93
11) bis(2-Chloroethyl)ether	6.96	93	263706	37.953	ng	99
12) 1,3-Dichlorobenzene	7.39	146	293599	38.933	ng	97
13) 1,4-Dichlorobenzene	7.55	146	303652	39.687	ng	99
14) 1,2-Dichlorobenzene	7.85	146	294626	38.836	ng	99
15) Benzyl Alcohol	7.77	79	288465	36.506	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.04	45	243607	36.779	ng	97
17) 2-Methylphenol	7.97	107	245406	39.045	ng	96
18) Hexachloroethane	8.56	117	115574	38.860	ng	97
19) n-Nitroso-di-n-propylamine	8.32	70	256338	33.550	ng	98
20) 3+4-Methylphenols	8.30	107	323945	37.520	ng	98
22) Acetophenone	8.35	105	434809	42.123	ng	# 98
24) Nitrobenzene	8.73	77	364250	41.492	ng	98
25) Isophorone	9.24	82	638795	38.723	ng	100
26) 2-Nitrophenol	9.43	139	149283	39.904	ng	96
27) 2,4-Dimethylphenol	9.49	122	255902	48.378	ng	99
28) bis(2-Chloroethoxy)methane	9.72	93	358741	38.836	ng	99
29) 2,4-Dichlorophenol	9.96	162	255092	42.462	ng	98
30) 1,2,4-Trichlorobenzene	10.15	180	274519	42.456	ng	99
31) Naphthalene	10.33	128	845143	41.576	ng	99
32) Benzoic acid	9.68	122	164808	34.653	ng	96
33) 4-Chloroaniline	10.49	127	203131	24.257	ng	98
34) Hexachlorobutadiene	10.59	225	157257	41.237	ng	99
35) Caprolactam	11.32	113	29623	13.027	ng	94
36) 4-Chloro-3-methylphenol	11.62	107	290619	38.933	ng	100
37) 2-Methylnaphthalene	11.96	142	605913	40.942	ng	99
38) 1-Methylnaphthalene	12.19	142	575132	39.359	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	279454	43.235	ng	100

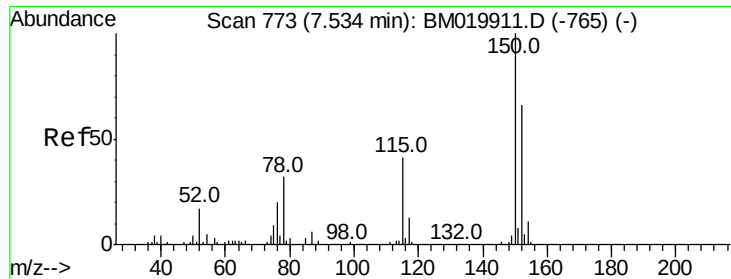
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019958.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	186613	81.323	ng	97
43) 2,4,6-Trichlorophenol	12.60	196	197200	45.001	ng	99
44) 2,4,5-Trichlorophenol	12.69	196	203231	44.560	ng	98
46) 1,1'-Biphenyl	13.00	154	770945	42.483	ng	99
47) 2-Chloronaphthalene	13.05	162	597519	43.167	ng	99
48) 2-Nitroaniline	13.29	65	212231	42.536	ng	99
49) Acenaphthylene	13.90	152	974440	40.460	ng	100
50) Dimethylphthalate	13.65	163	766012	41.449	ng	99
51) 2,6-Dinitrotoluene	13.79	165	165944	40.606	ng	91
52) Acenaphthene	14.25	154	557838	41.774	ng	99
53) 3-Nitroaniline	14.14	138	115983	28.423	ng	91
54) 2,4-Dinitrophenol	14.36	184	181524	74.909	ng	96
55) Dibenzofuran	14.59	168	907278	41.548	ng	99
56) 4-Nitrophenol	14.47	139	232880	72.888	ng	95
57) 2,4-Dinitrotoluene	14.60	165	237672	40.459	ng	99
58) Fluorene	15.24	166	744214	40.220	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	181497	43.613	ng	99
60) Diethylphthalate	15.02	149	801066	41.677	ng	99
61) 4-Chlorophenyl-phenylether	15.23	204	359998	40.409	ng	94
62) 4-Nitroaniline	15.32	138	149134	37.094	ng	98
63) Azobenzene	15.53	77	866355	42.172	ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	112531	37.954	ng	94
66) n-Nitrosodiphenylamine	15.46	169	631216	41.549	ng	100
67) 4-Bromophenyl-phenylether	16.13	248	212122	39.704	ng	99
68) Hexachlorobenzene	16.24	284	259997	40.557	ng	99
69) Atrazine	16.43	200	216881	42.053	ng	98
70) Pentachlorophenol	16.60	266	279461	85.320	ng	98
71) Phenanthrene	16.99	178	1123770	40.751	ng	99
72) Anthracene	17.08	178	1148958	41.856	ng	100
73) Carbazole	17.37	167	1048928	40.927	ng	100
74) Di-n-butylphthalate	17.92	149	1375272	40.860	ng	100
75) Fluoranthene	19.02	202	1308272	41.224	ng	99
77) Benzidine	19.23	184	432896	29.881	ng	98
78) Pyrene	19.39	202	1342618	38.612	ng	100
80) Butylbenzylphthalate	20.29	149	661154	39.219	ng	100
81) Benzo(a)anthracene	21.14	228	1307872	39.320	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	417663	33.750	ng	98
83) Chrysene	21.20	228	1282775	40.214	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	982232	39.137	ng	100
85) Di-n-octyl phthalate	21.93	149	1709957	41.990	ng	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	1820441	58.014	ng	100
88) Benzo(b)fluoranthene	22.69	252	1464715	44.213	ng	99
89) Benzo(k)fluoranthene	22.74	252	1416979	45.433	ng	99
90) Benzo(a)pyrene	23.26	252	1397386	47.605	ng	99
91) Dibenzo(a,h)anthracene	25.55	278	1561999	55.193	ng	99
92) Benzo(g,h,i)perylene	26.22	276	1480275	57.749	ng	100

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

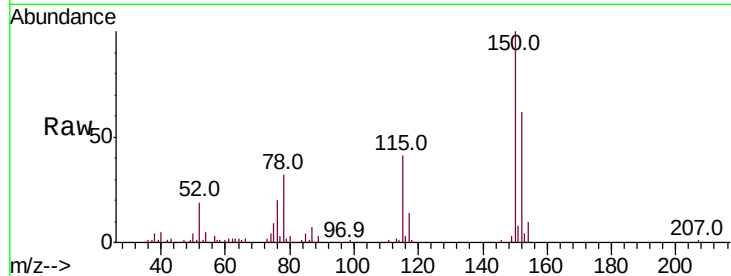


#1

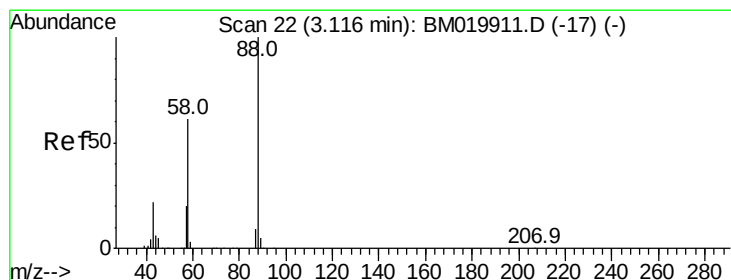
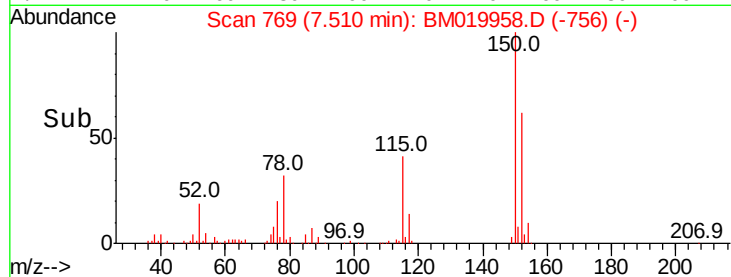
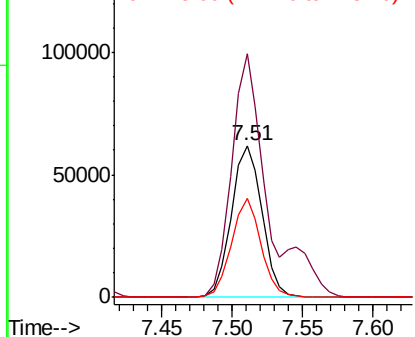
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 93599
Ion Ratio Lower Upper
152 100
150 160.4 122.1 183.1
115 65.5 50.0 75.0



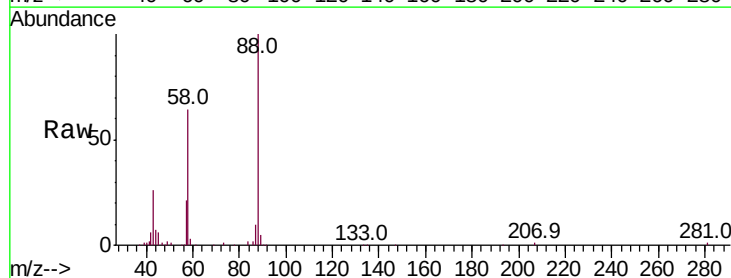
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



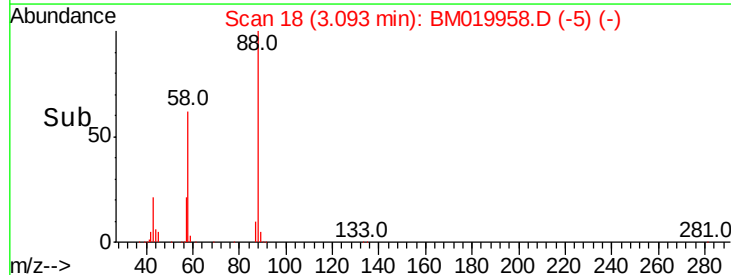
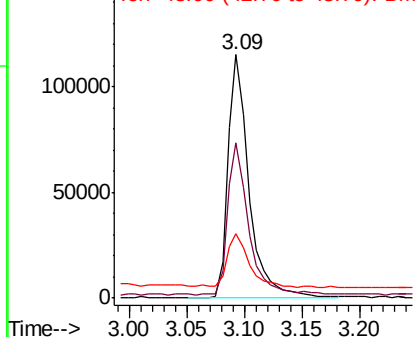
#2

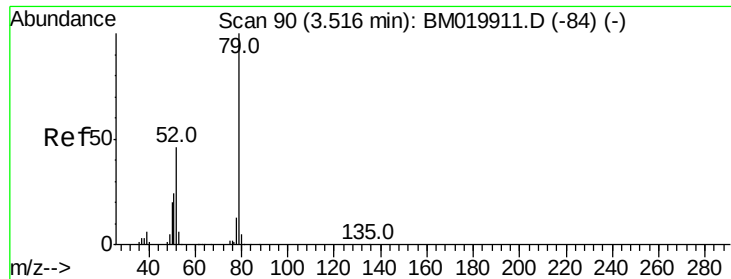
1,4-Dioxane
Concen: 58.460 ng
RT: 3.09 min Scan# 18
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 88 Resp: 145700
Ion Ratio Lower Upper
88 100
58 61.4 49.6 74.4
43 23.6 18.6 27.8



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





#3

Pvridine

Concen: 33.859 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampled :

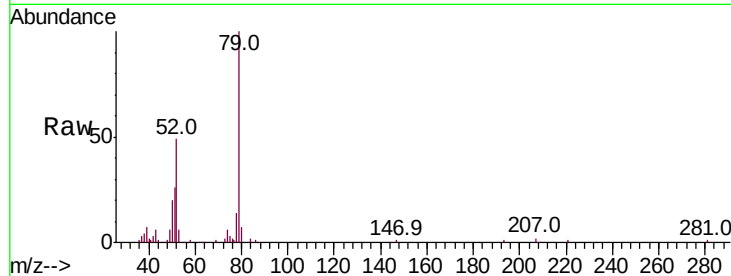
Tot Ion: 79 Resp: 236329

Ion Ratio Lower Upper

79 100

52 48.6 36.9 55.3

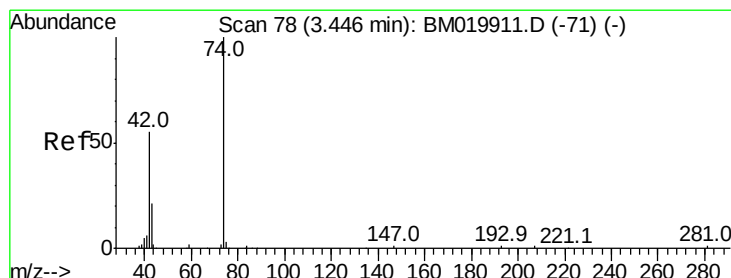
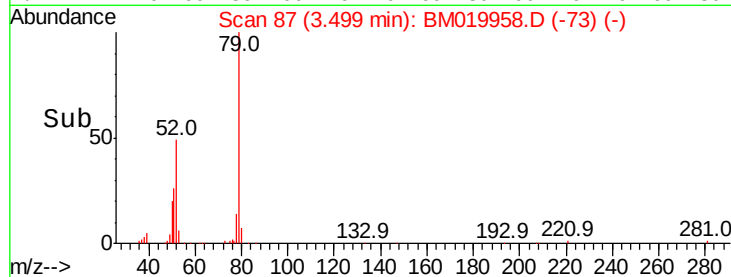
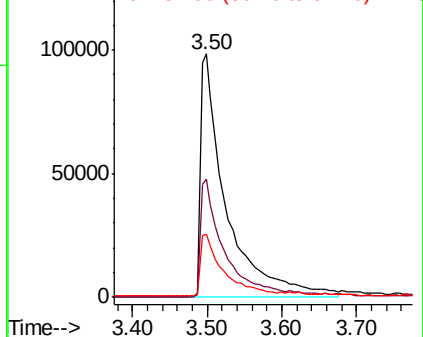
51 26.2 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019911.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019911.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 42.563 ng

RT: 3.42 min Scan# 74

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

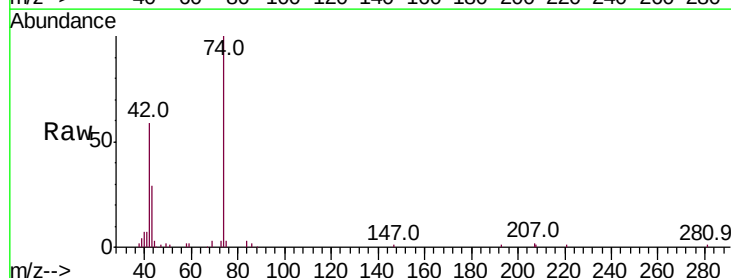
Tgt Ion: 42 Resp: 95701

Ion Ratio Lower Upper

42 100

74 170.4 144.6 217.0

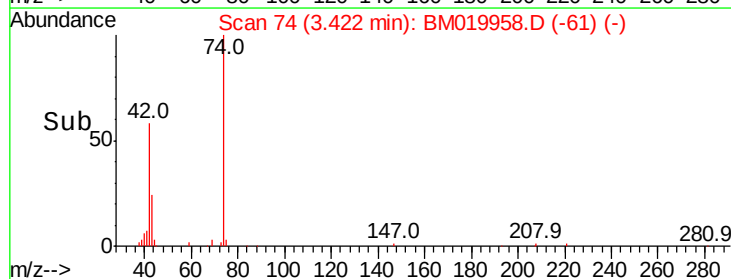
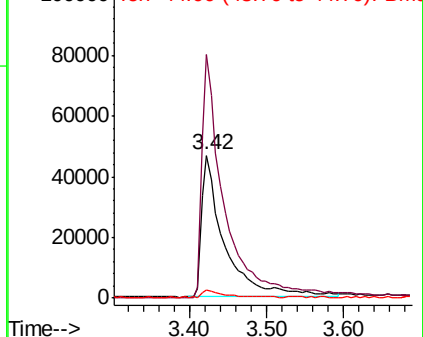
44 5.4 5.4 8.2#

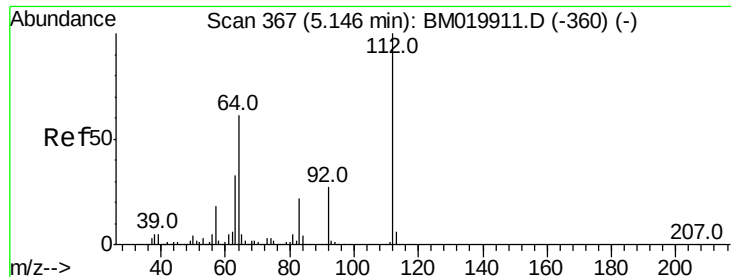


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM019911.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM019911.D (-71) (-)





#5

2-Fluorophenol

Concen: 143.119 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

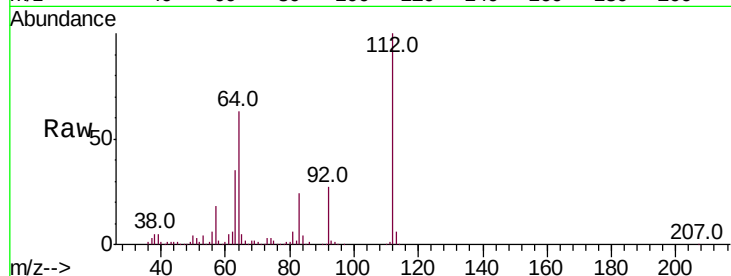
Tot Ion:112 Resp: 826571

Ion Ratio Lower Upper

112 100

64 63.3 49.1 73.7

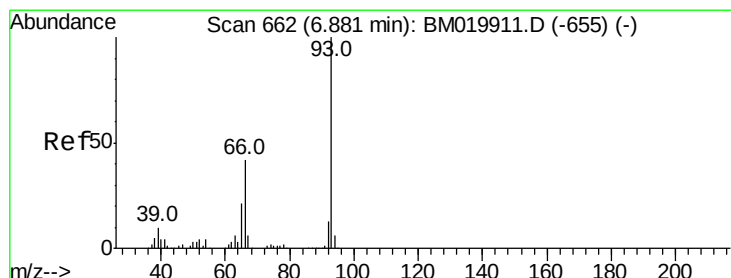
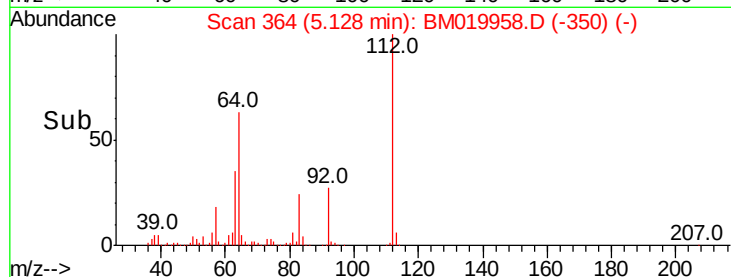
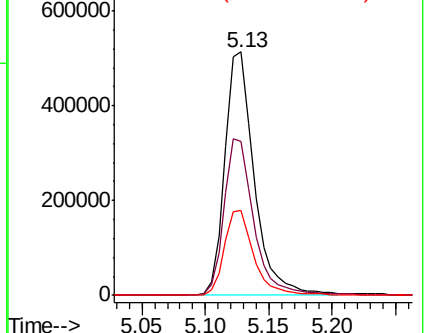
63 34.6 26.5 39.7



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: 28.606 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

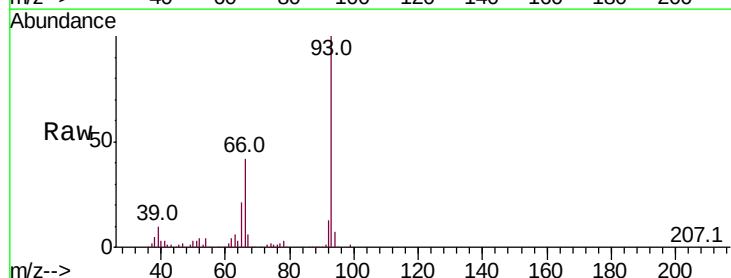
Tgt Ion: 93 Resp: 321145

Ion Ratio Lower Upper

93 100

66 42.1 33.9 50.9

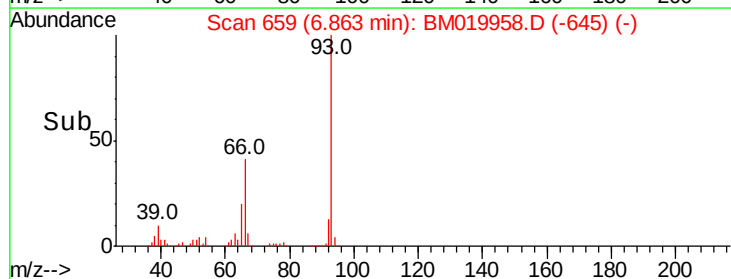
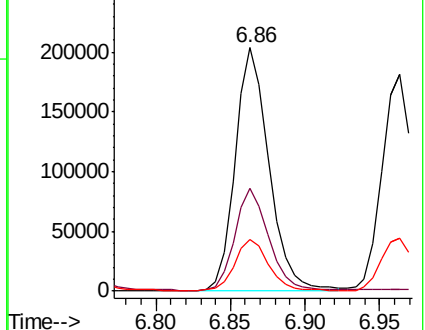
65 21.4 17.0 25.6

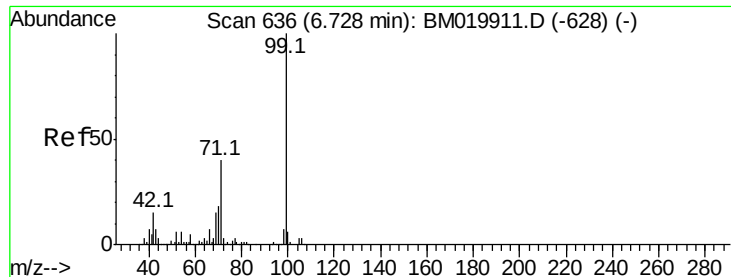


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 126.634 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

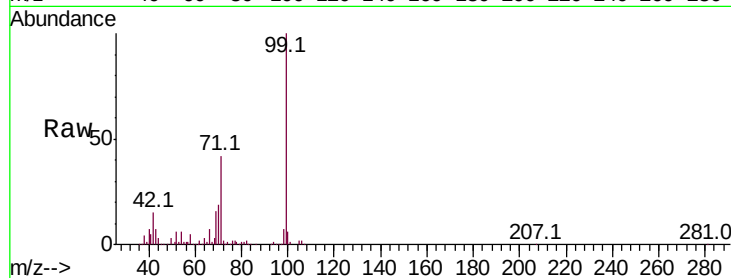
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1100686

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.8	17.8
71	41.8	32.0	48.0

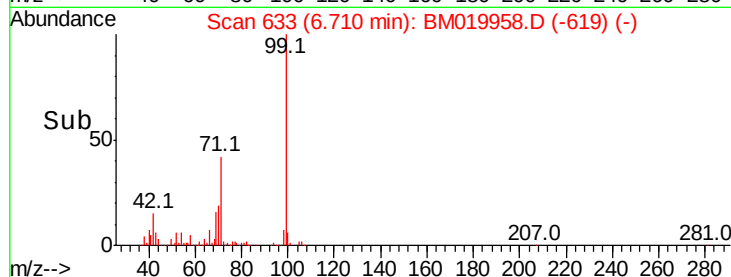


Abundance

Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)

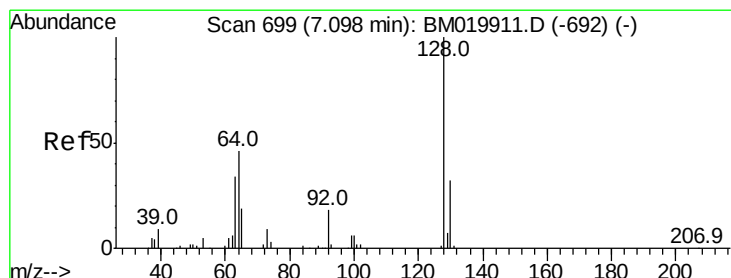


Abundance

Ion 99.00 (98.70 to 99.70): BM019958.D (-619) (-)

Ion 42.00 (41.70 to 42.70): BM019958.D (-619) (-)

Ion 71.00 (70.70 to 71.70): BM019958.D (-619) (-)



#8

2-Chlorophenol

Concen: 40.688 ng

RT: 7.08 min Scan# 696

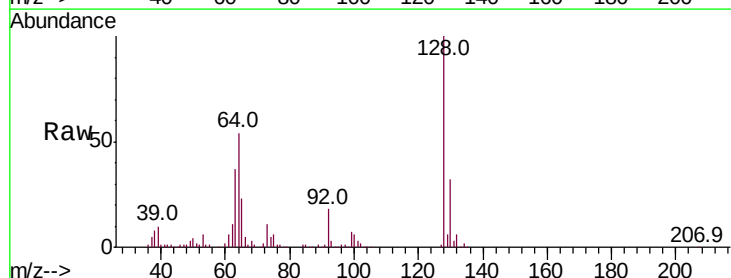
Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion: 128 Resp: 292270

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	54.2	33.0	73.0

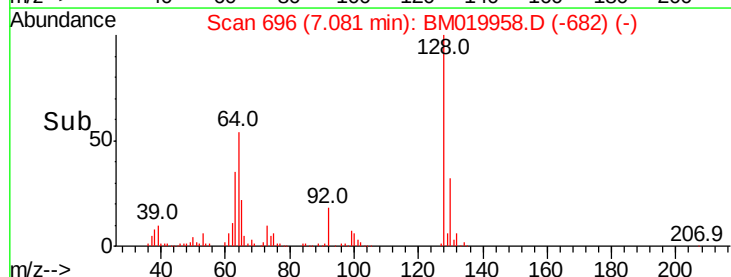


Abundance

Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

Ion 130.00 (129.70 to 130.70): BM019911.D (-692) (-)

Ion 64.00 (63.70 to 64.70): BM019911.D (-692) (-)

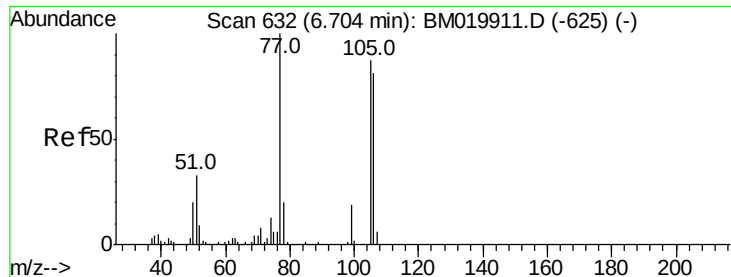


Abundance

Ion 128.00 (127.70 to 128.70): BM019958.D (-682) (-)

Ion 130.00 (129.70 to 130.70): BM019958.D (-682) (-)

Ion 64.00 (63.70 to 64.70): BM019958.D (-682) (-)



#9

Benzaldehyde

Concen: 13.934 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

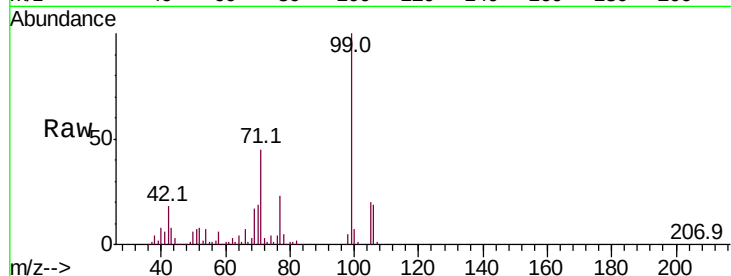
Tot Ion: 77 Resp: 84874

Ion Ratio Lower Upper

77 100

105 87.6 67.3 107.3

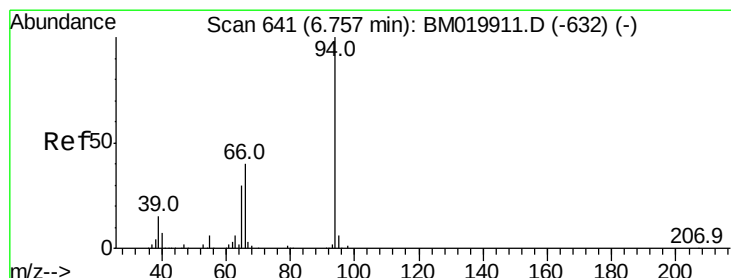
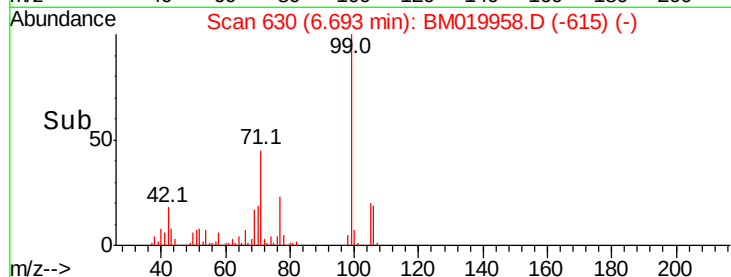
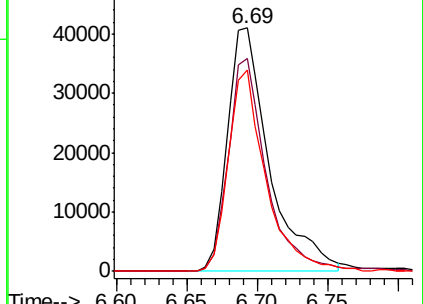
106 82.7 60.6 100.6



Abundance Ion 77.00 (76.70 to 77.70): BM019911.D (-625) (-)

Ion 105.00 (104.70 to 105.70): BM019911.D (-625) (-)

Ion 106.00 (105.70 to 106.70): BM019911.D (-625) (-)



#10

Phenol

Concen: 40.871 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

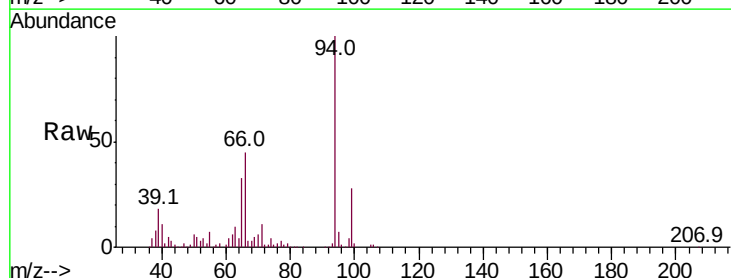
Tgt Ion: 94 Resp: 388135

Ion Ratio Lower Upper

94 100

65 32.5 10.0 50.0

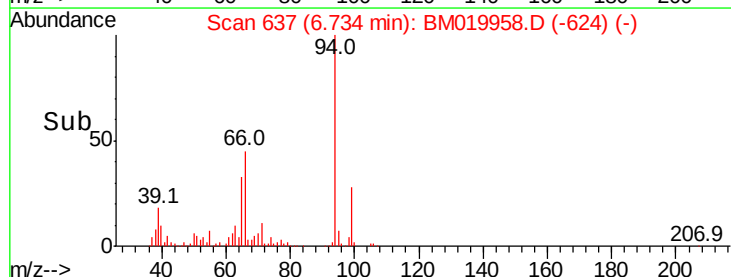
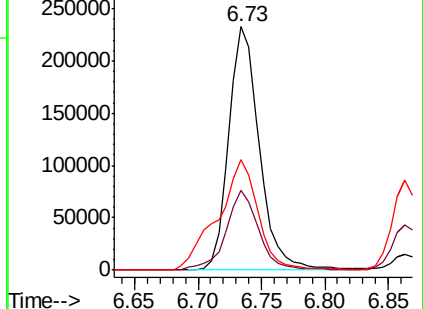
66 45.5 20.2 60.2

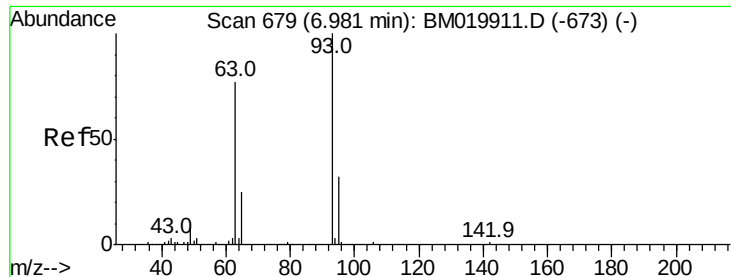


Abundance Ion 94.00 (93.70 to 94.70): BM019911.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BM019911.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BM019911.D (-632) (-)

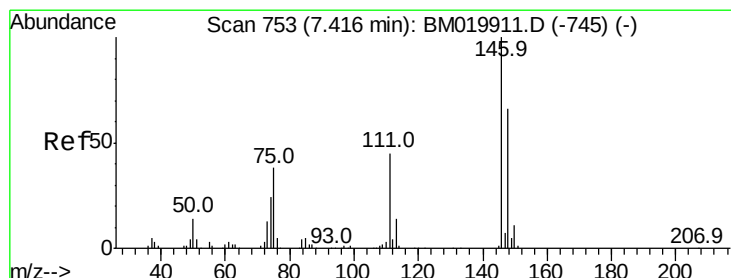
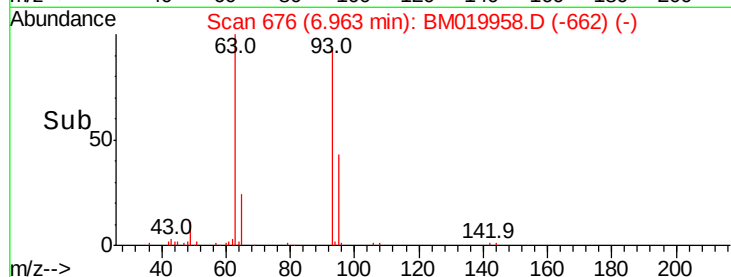
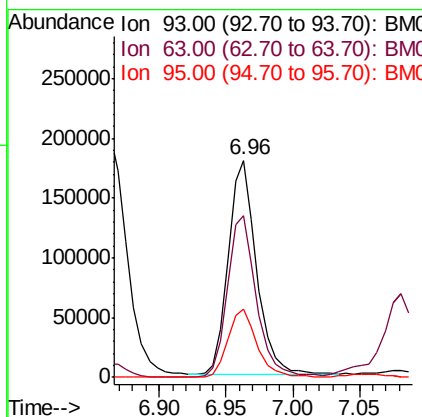
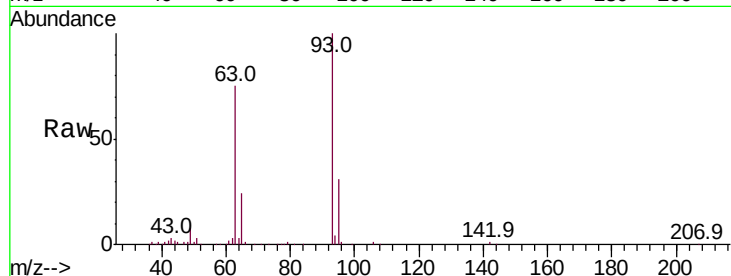




#11
bis(2-Chloroethyl)ether
Concen: 37.953 ng
RT: 6.96 min Scan# 676
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

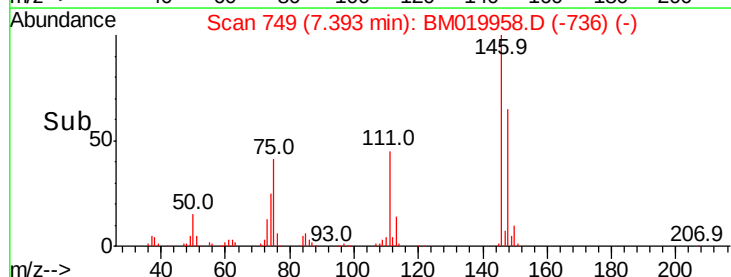
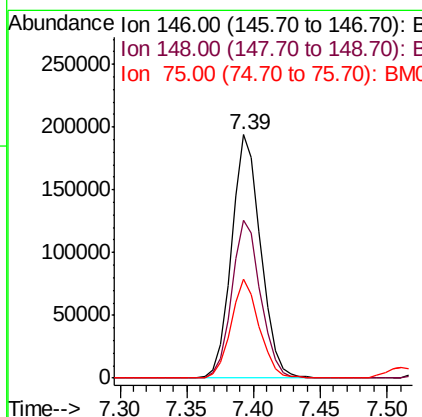
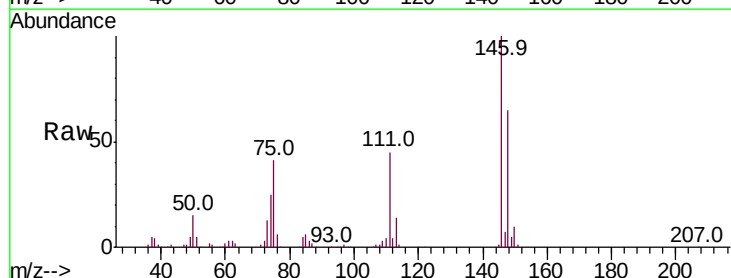
Instrument :
BNA_M
ClientSampleId :

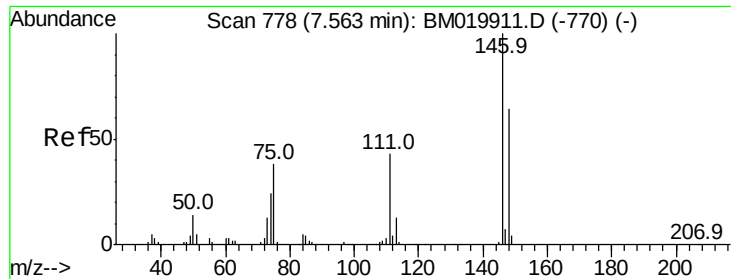
Tot Ion: 93 Resp: 263706
Ion Ratio Lower Upper
93 100
63 74.7 55.8 95.8
95 31.5 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 38.933 ng
RT: 7.39 min Scan# 749
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 146 Resp: 293599
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
75 40.9 30.0 45.0

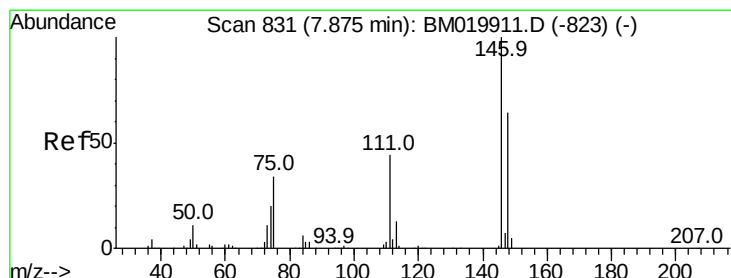
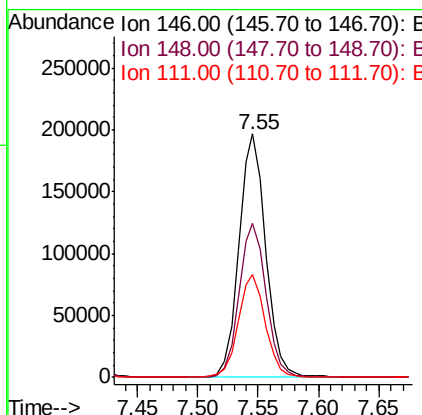
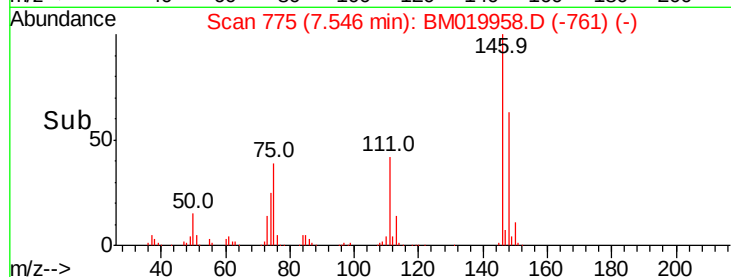
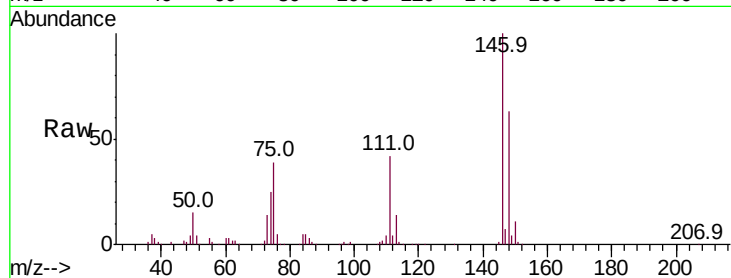




#13
1,4-Dichlorobenzene
Concen: 39.687 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

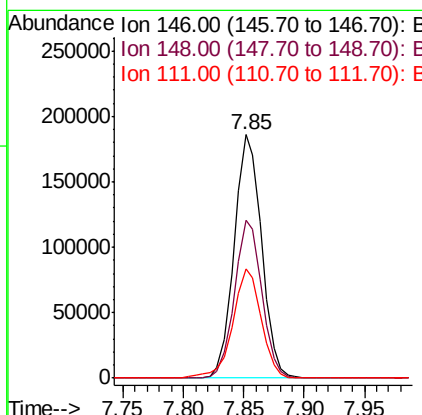
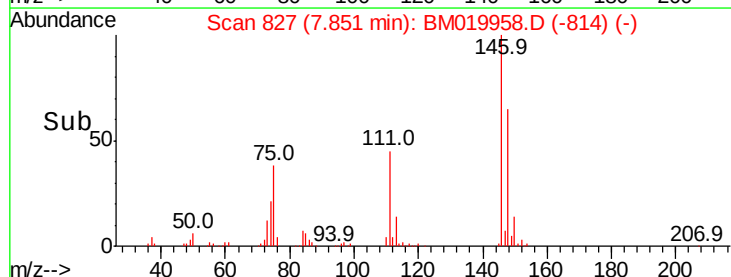
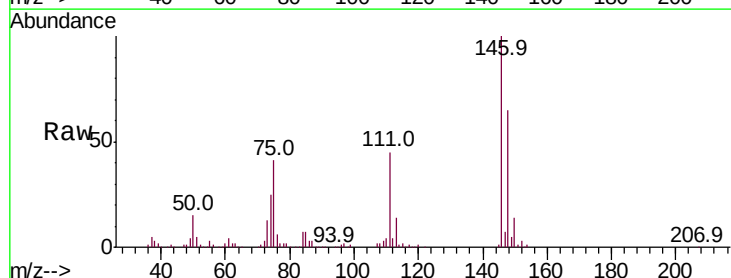
Instrument :
BNA_M
ClientSampleId :

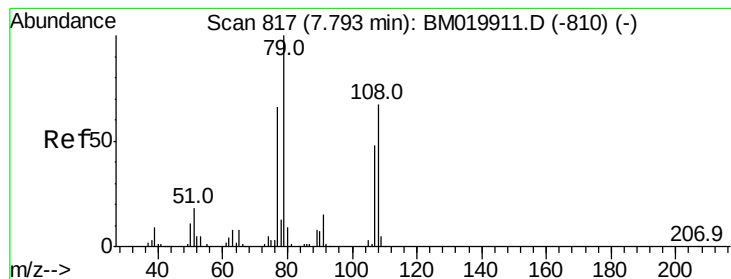
Tot Ion:146 Resp: 303652
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
111 42.3 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 38.836 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:146 Resp: 294626
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
111 44.7 35.4 53.0





#15

Benzyl Alcohol

Concen: 36.506 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

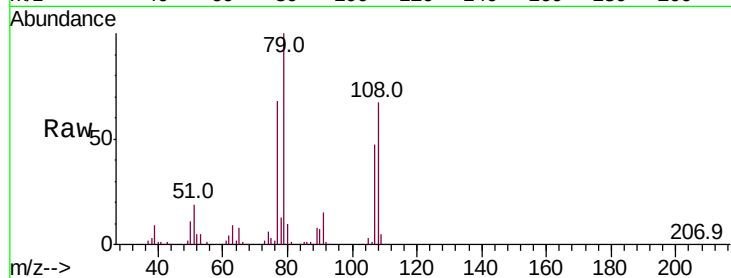
Tot Ion: 79 Resp: 288465

Ion Ratio Lower Upper

79 100

108 67.1 53.9 80.9

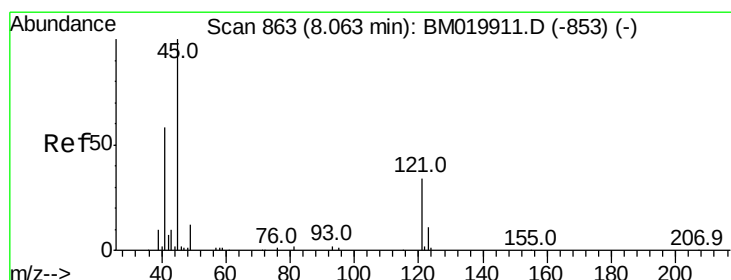
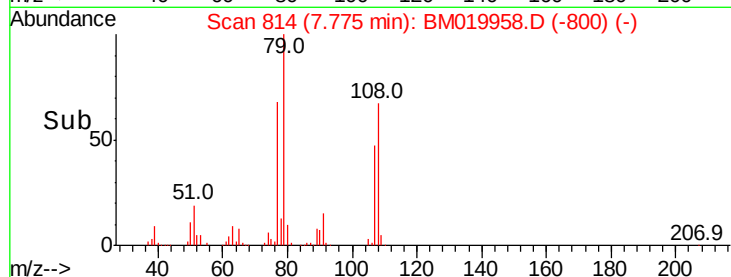
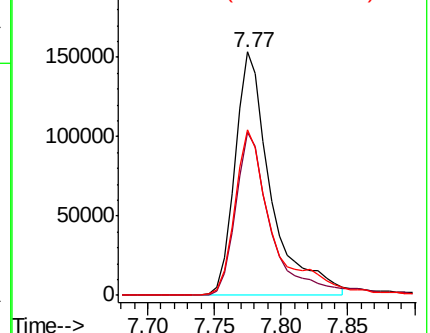
77 67.8 53.1 79.7



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM019911.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-810) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.779 ng

RT: 8.04 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

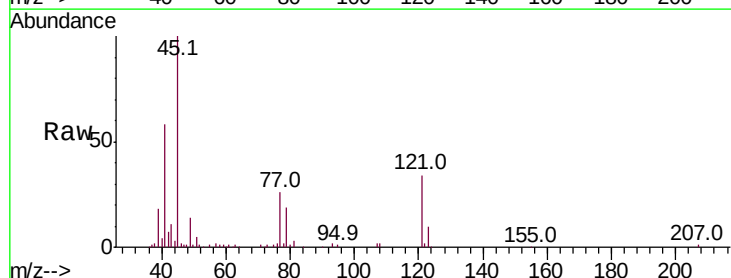
Tgt Ion: 45 Resp: 243607

Ion Ratio Lower Upper

45 100

77 26.1 7.2 47.2

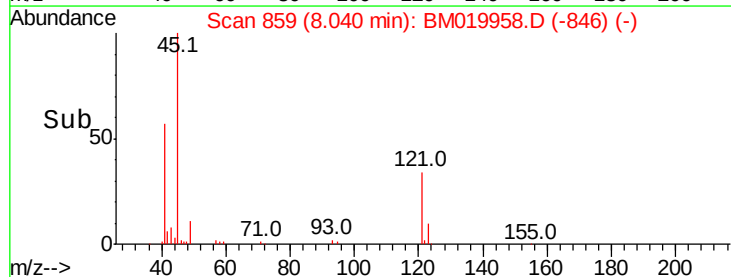
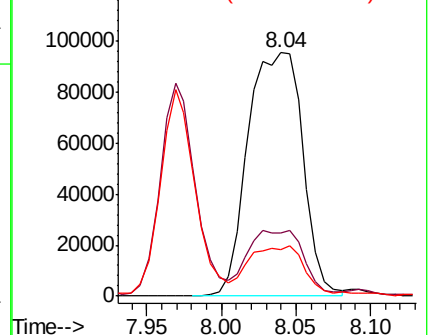
79 19.3 1.2 41.2

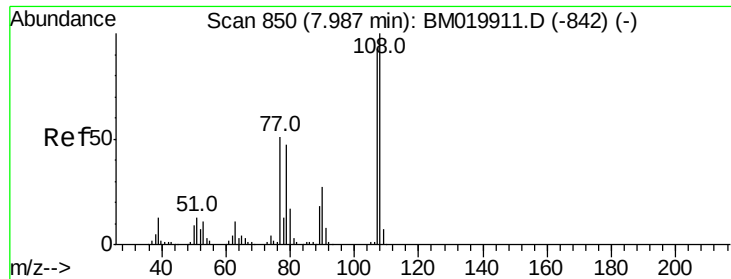


Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-853) (-)

Ion 79.00 (78.70 to 79.70): BM019911.D (-853) (-)





#17

2-Methylphenol

Concen: 39.045 ng

RT: 7.97 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 245406

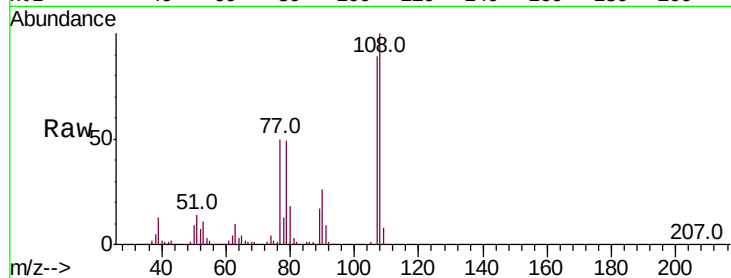
Ion Ratio Lower Upper

107 100

108 112.0 85.9 128.9

77 56.1 43.8 65.6

79 54.4 41.1 61.7

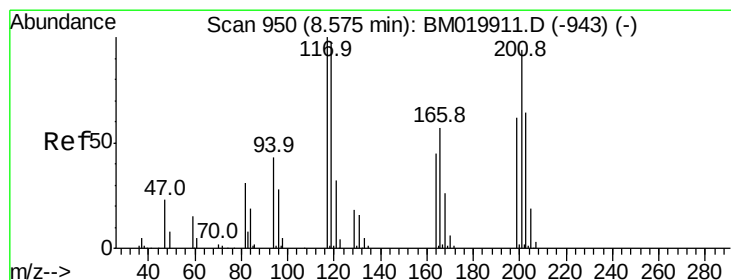
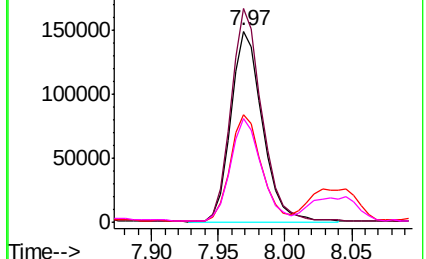
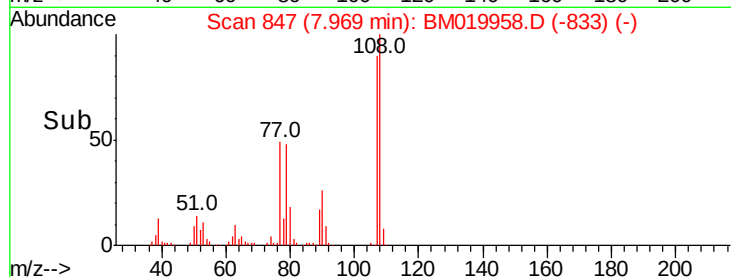


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.860 ng

RT: 8.56 min Scan# 947

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

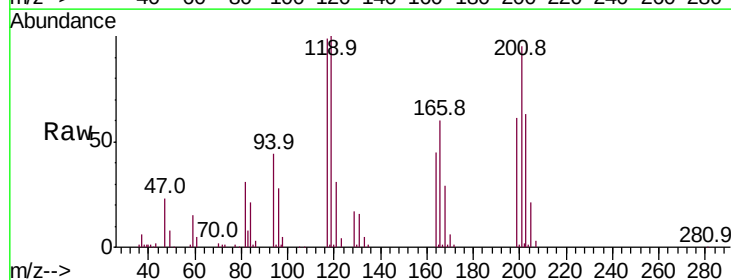
Tgt Ion:117 Resp: 115574

Ion Ratio Lower Upper

117 100

119 100.9 77.6 116.4

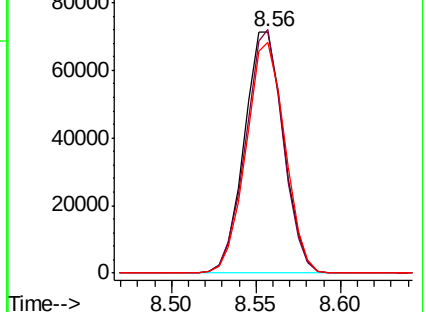
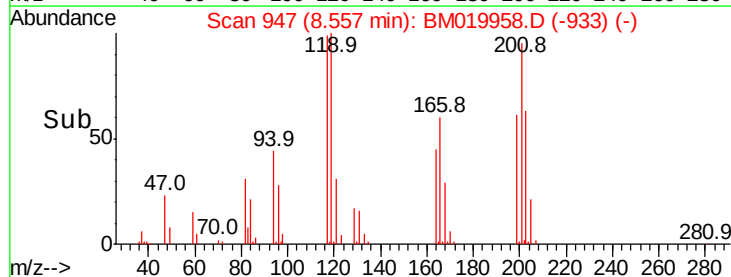
201 95.6 75.4 113.2

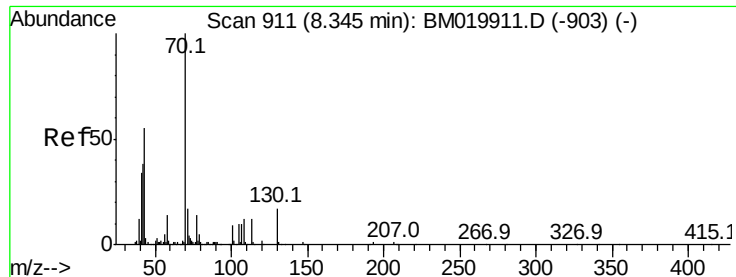


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

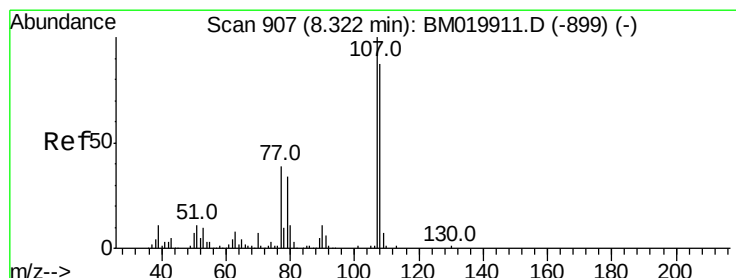
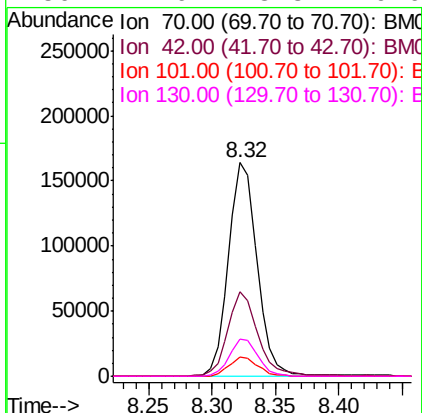
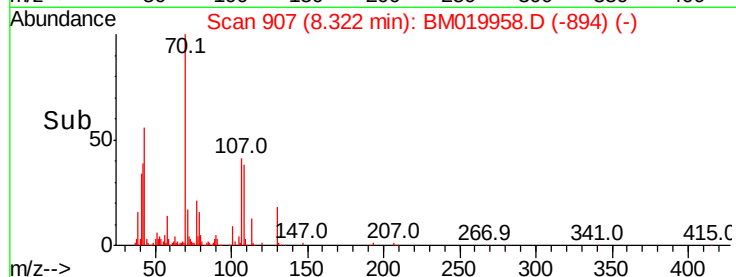
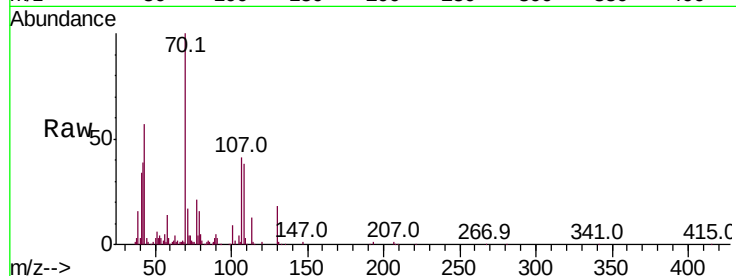




#19
n-Nitroso-di-n-propylamine
Concen: 33.550 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

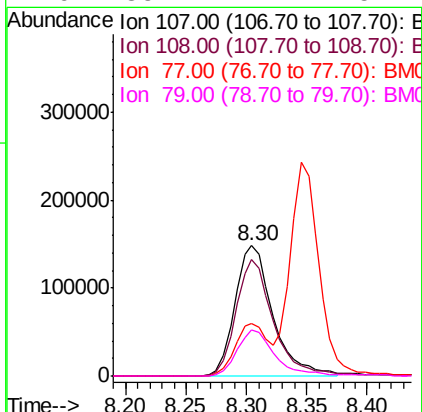
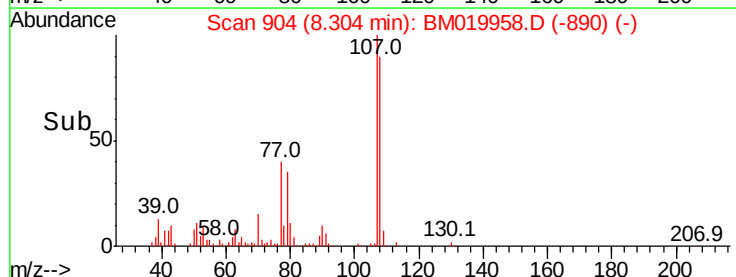
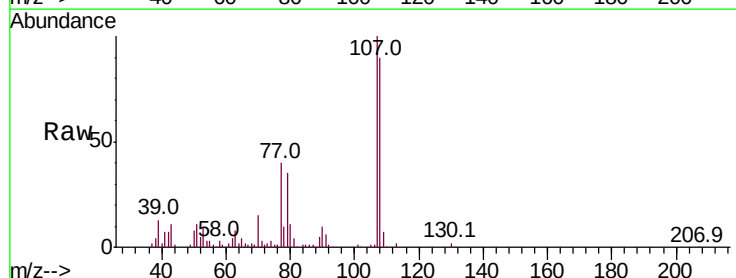
Instrument :
BNA_M
ClientSampled :

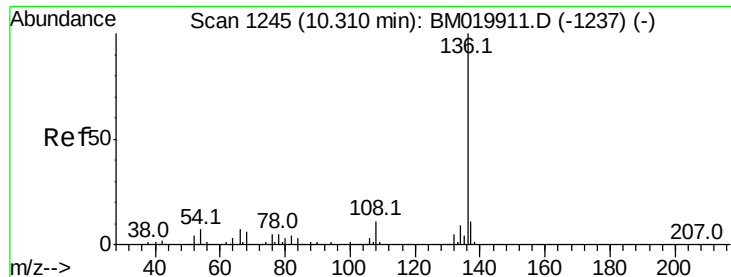
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	39.5	30.3	45.5	
101	8.8	6.9	10.3	
130	17.6	13.8	20.6	



#20
3+4-Methylphenols
Concen: 37.520 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	67.4	107.4	
77	40.4	19.7	59.7	
79	35.4	14.1	54.1	

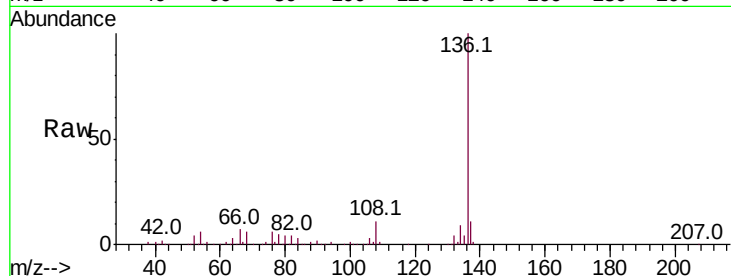




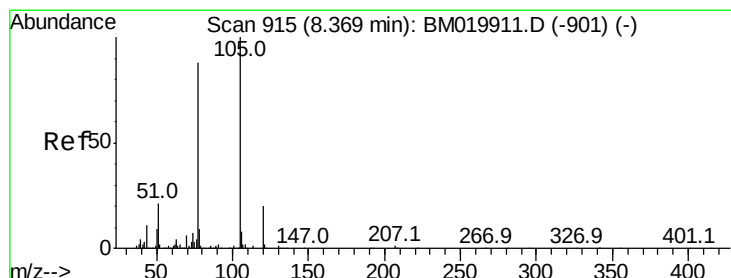
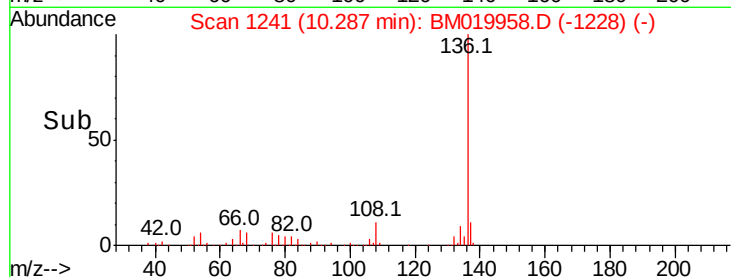
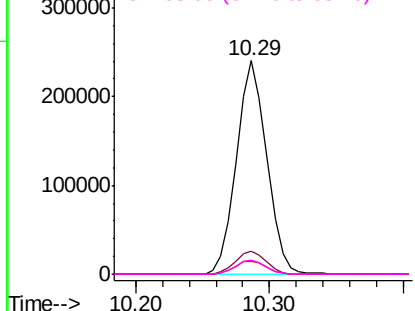
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	378986
Ion Ratio	Lower	Upper
136 100		
137 10.6	9.0	13.6
54 6.1	5.3	7.9
68 6.5	5.2	7.8

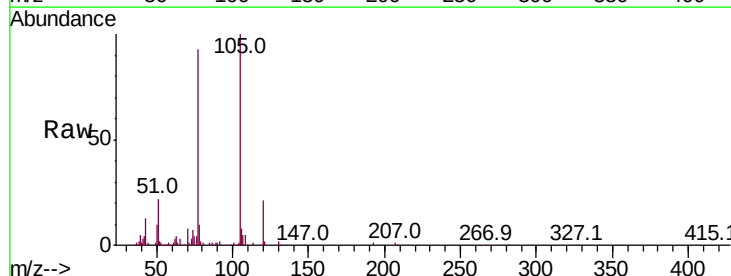


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

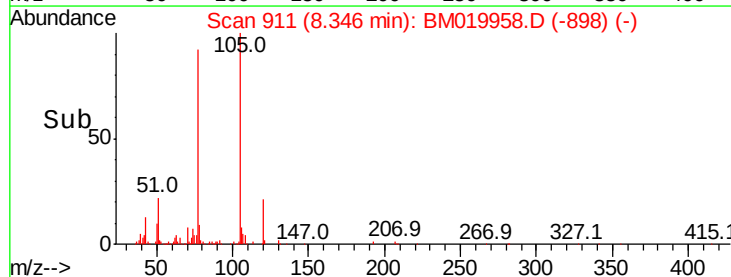
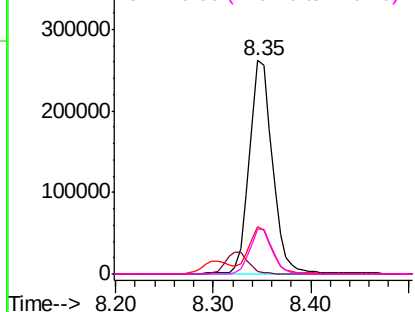


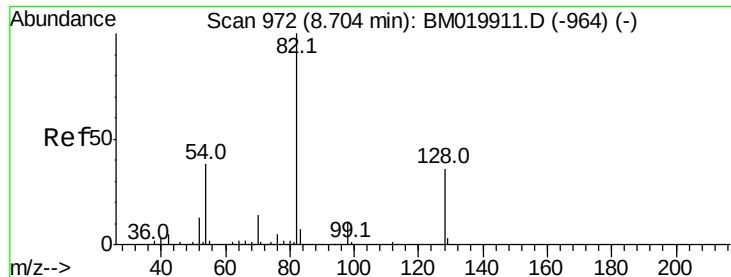
#22
Acetophenone
Concen: 42.123 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt	Ion:105	Resp:	434809
Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.8	1.2#
51	22.2	16.9	25.3
120	21.0	16.4	24.6



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

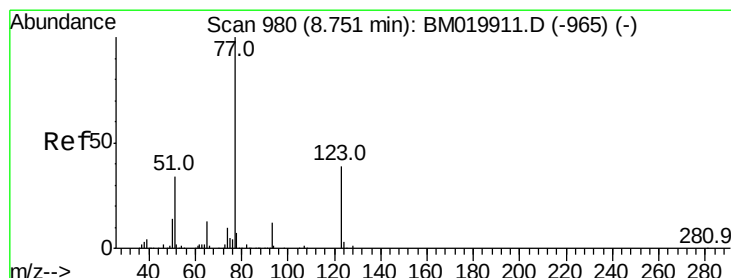
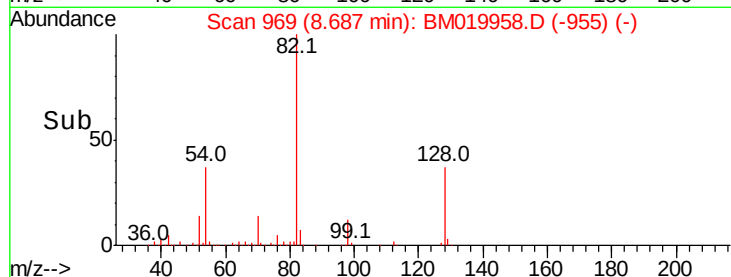
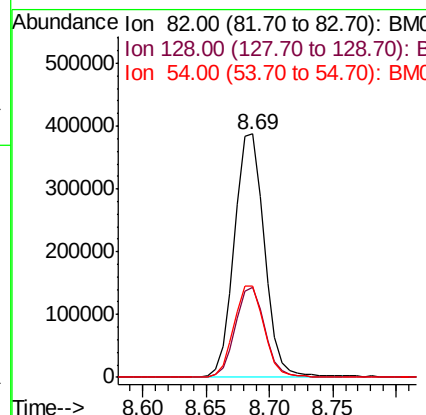
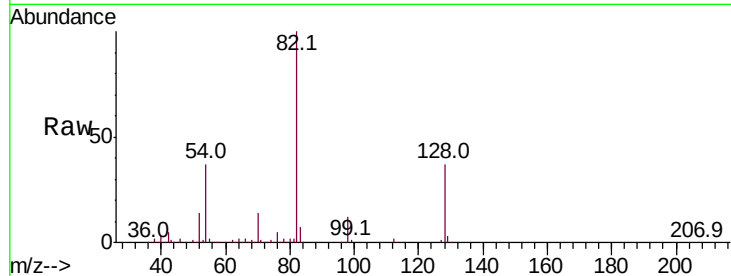




#23
 Nitrobenzene-d5
 Concen: 75.227 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

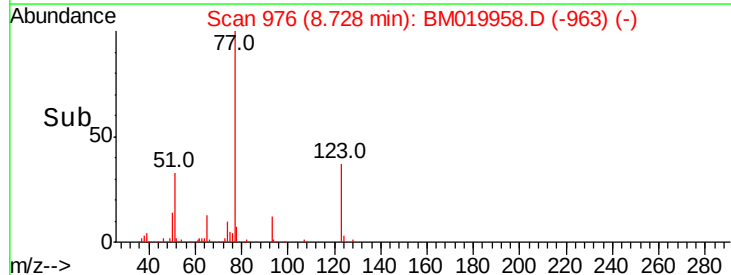
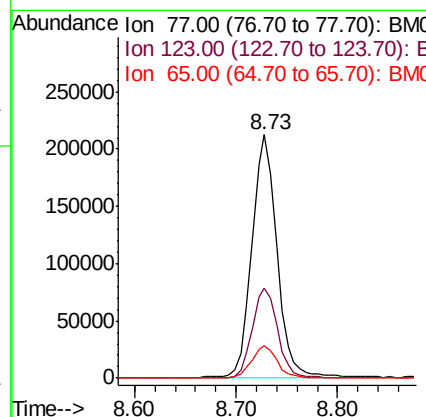
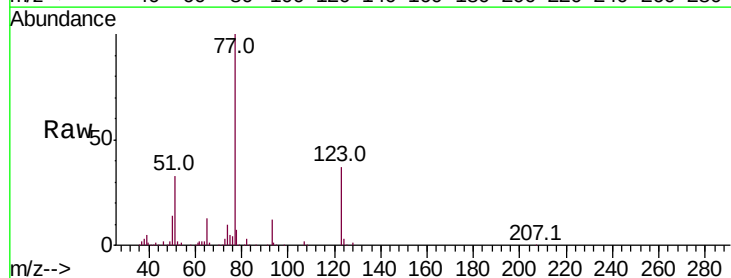
Instrument :
 BNA_M
 ClientSampleID :

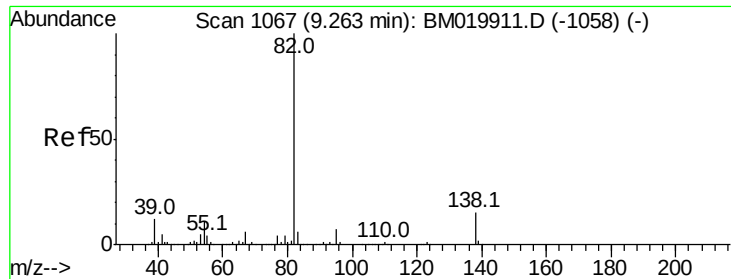
Tot Ion	82	Resp	637508
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.0	43.4
54	37.5	30.2	45.4



#24
 Nitrobenzene
 Concen: 41.492 ng
 RT: 8.73 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	77	Resp	364250
Ion Ratio	Lower	Upper	
77	100		
123	37.1	31.0	46.4
65	13.3	10.6	16.0





#25

Isophorone

Concen: 38.723 ng

RT: 9.24 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

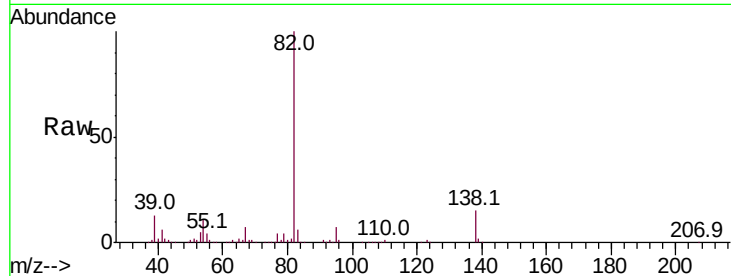
Tot Ion: 82 Resp: 638795

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

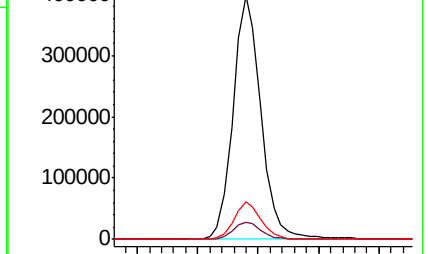
138 15.3 12.2 18.2



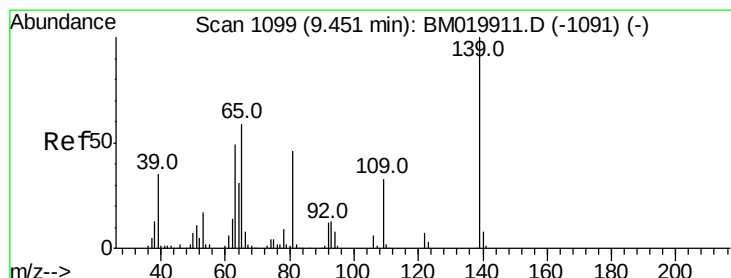
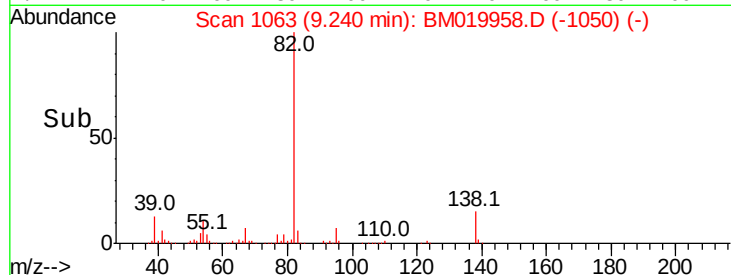
Abundance Ion 82.00 (81.70 to 82.70): BM019911.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM019911.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM019911.D (-1058) (-)



Time-->



#26

2-Nitrophenol

Concen: 39.904 ng

RT: 9.43 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

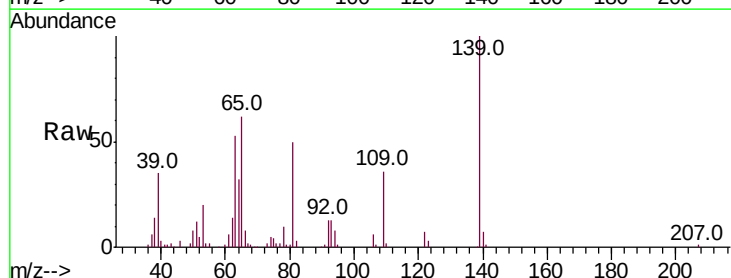
Tgt Ion: 139 Resp: 149283

Ion Ratio Lower Upper

139 100

109 35.6 26.3 39.5

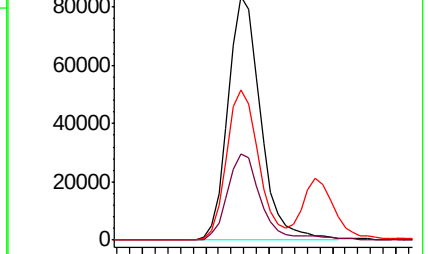
65 61.7 47.4 71.2



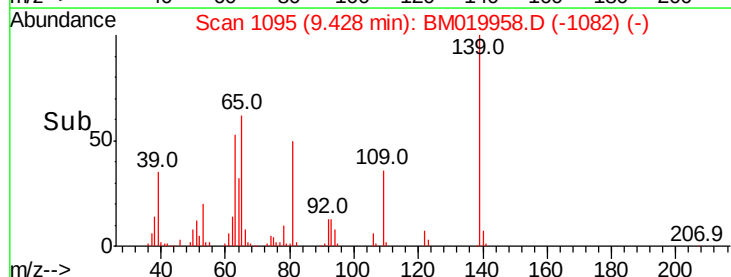
Abundance Ion 139.00 (138.70 to 139.70): BM019911.D (-1091) (-)

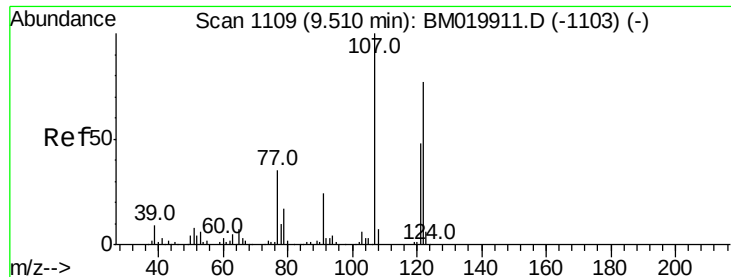
Ion 109.00 (108.70 to 109.70): BM019911.D (-1091) (-)

Ion 65.00 (64.70 to 65.70): BM019911.D (-1091) (-)



Time-->

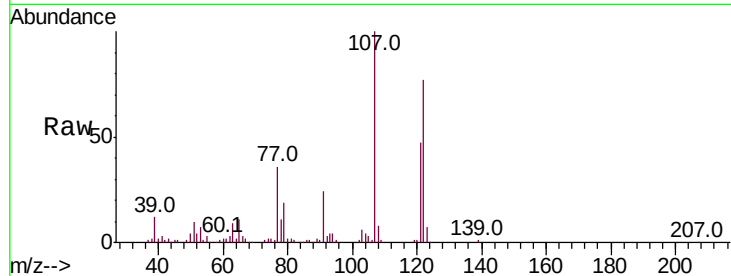




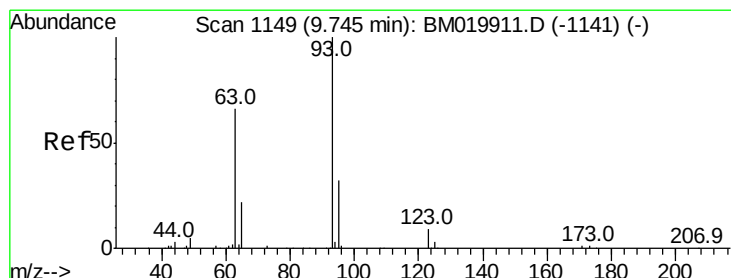
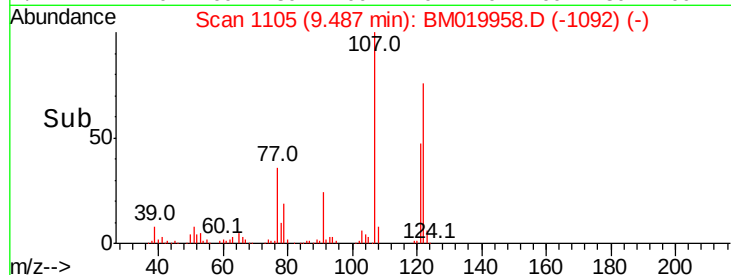
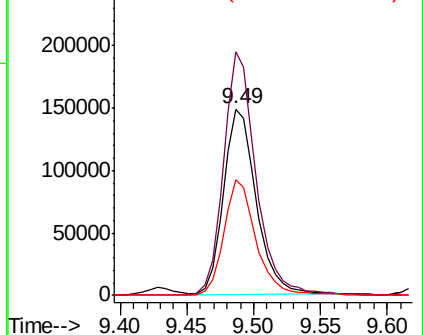
#27
2,4-Dimethylphenol
Concen: 48.378 ng
RT: 9.49 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 255902
Ion Ratio Lower Upper
122 100
107 130.5 103.1 154.7
121 62.0 49.8 74.8

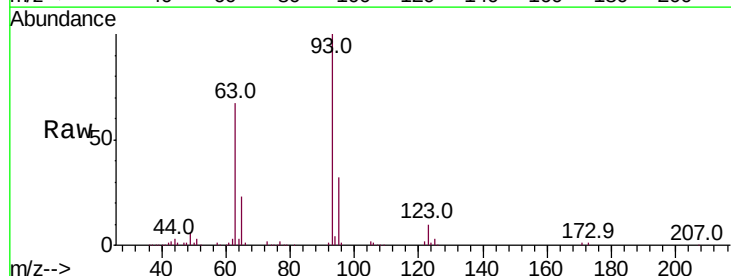


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

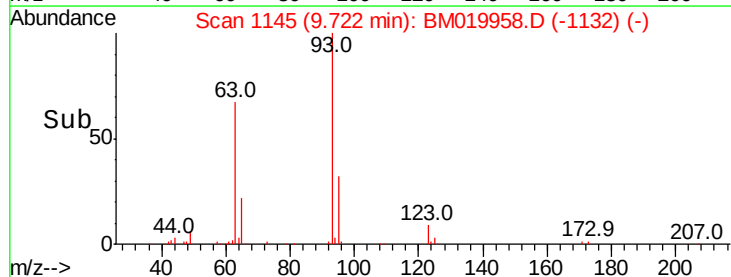
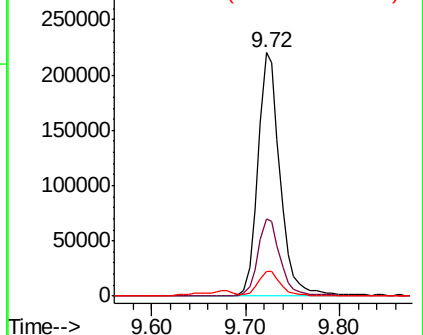


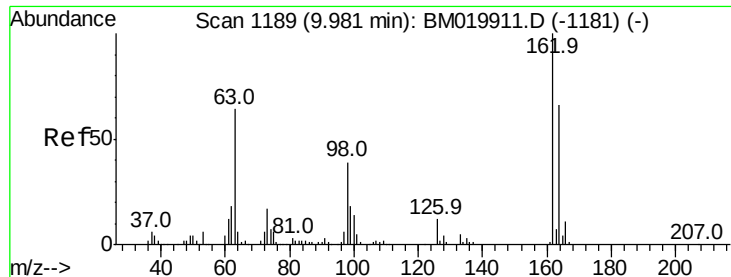
#28
bis(2-Chloroethoxy)methane
Concen: 38.836 ng
RT: 9.72 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 93 Resp: 358741
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.8
123 10.0 8.2 12.2



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E

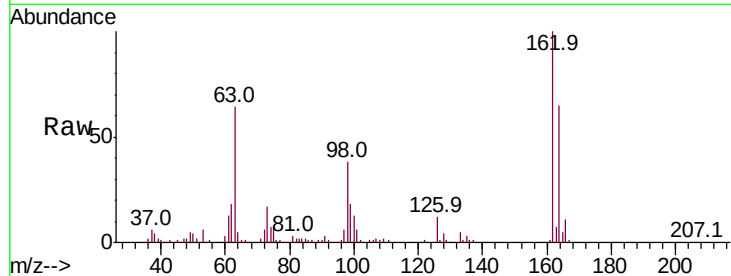




#29
2,4-Dichlorophenol
Concen: 42.462 ng
RT: 9.96 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.3	86.3
98	38.1	19.2	59.2

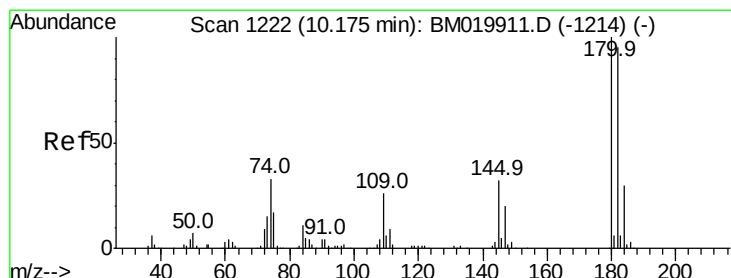
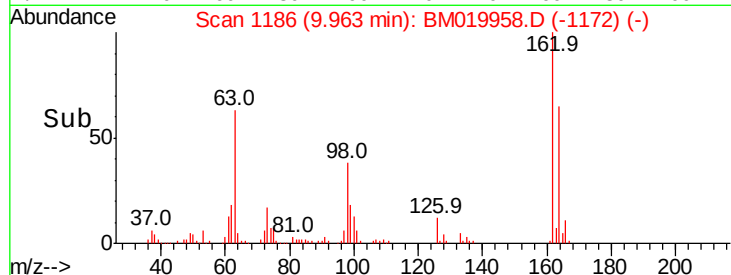
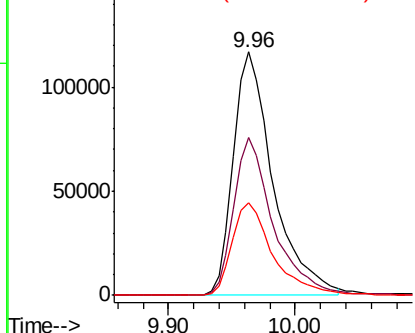


Abundance

Ion 162.00 (161.70 to 162.70): E

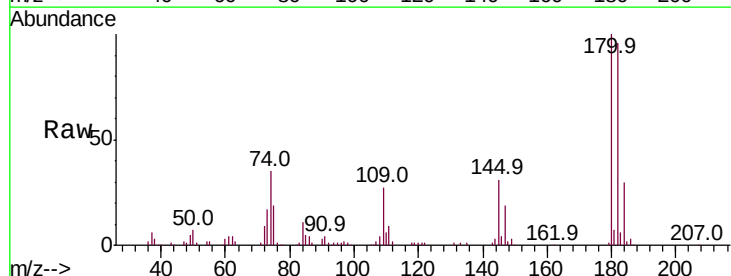
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 42.456 ng
RT: 10.15 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.3	114.5
145	30.9	25.5	38.3

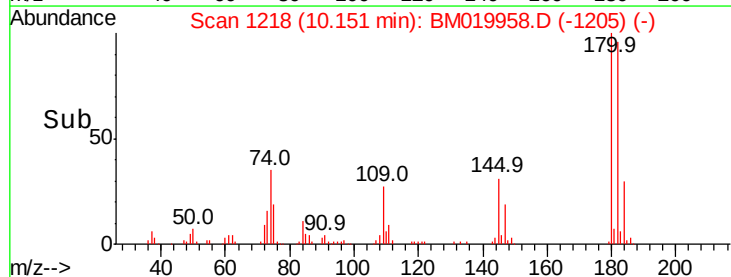
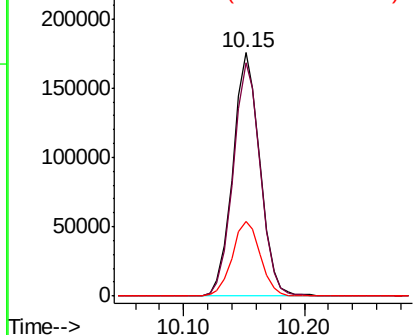


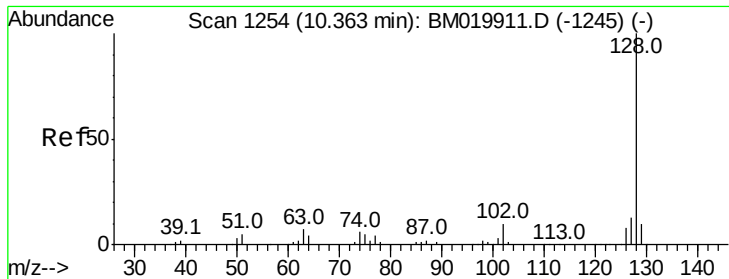
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

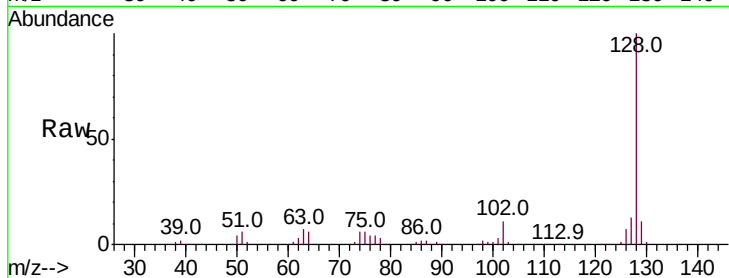




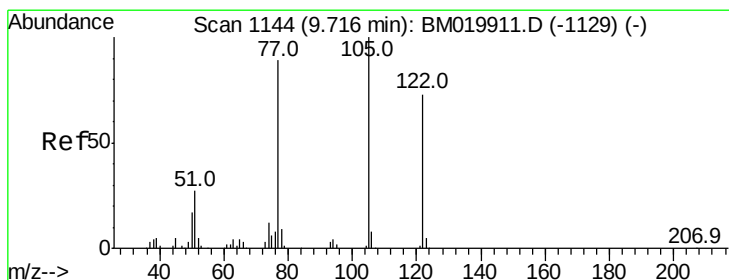
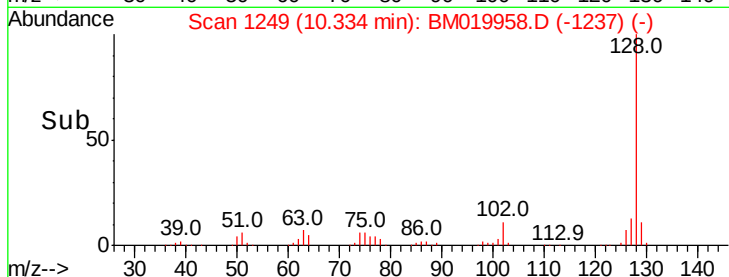
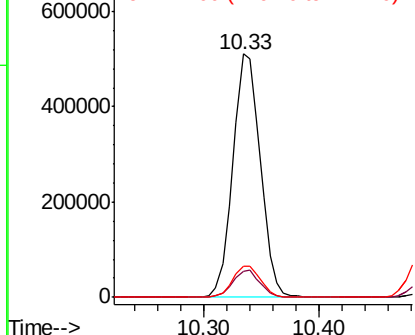
#31
Naphthalene
Concen: 41.576 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.03 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 845143
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 12.7 10.4 15.6

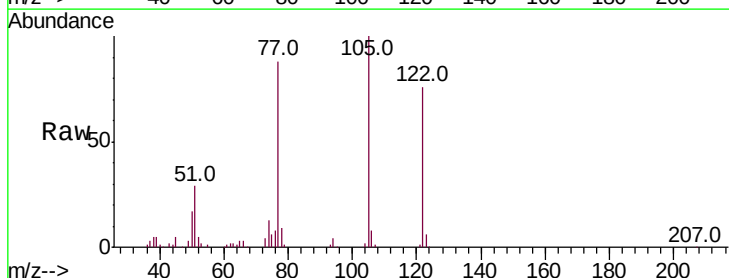


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

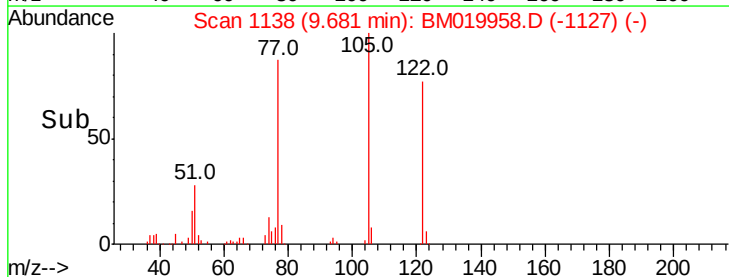
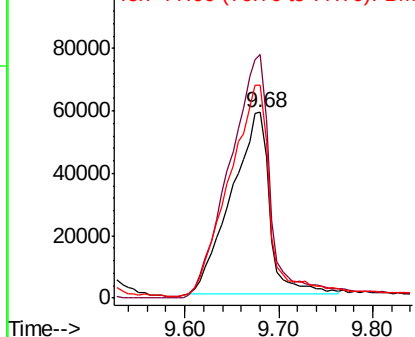


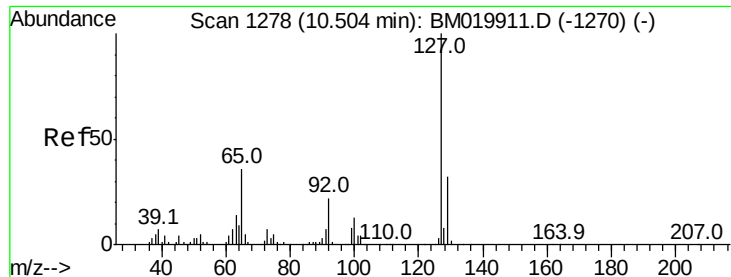
#32
Benzoic acid
Concen: 34.653 ng
RT: 9.68 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:122 Resp: 164808
Ion Ratio Lower Upper
122 100
105 131.2 114.8 154.8
77 114.8 100.2 140.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

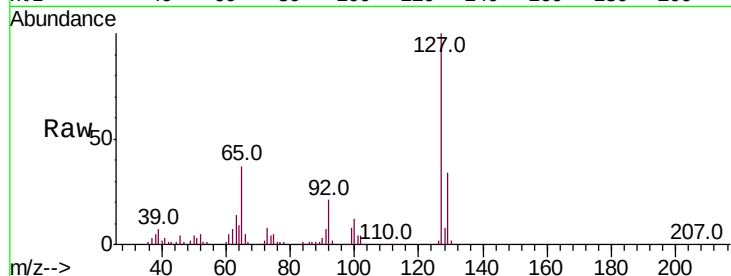




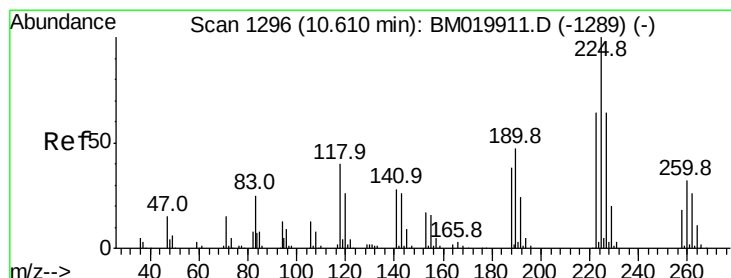
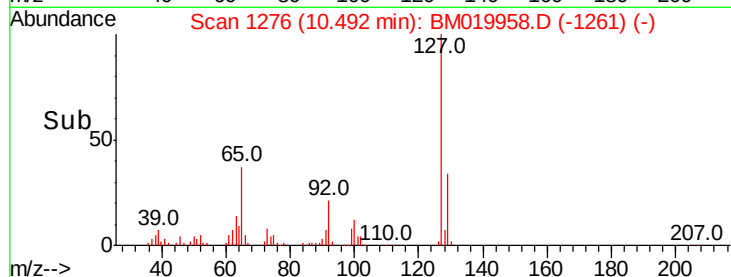
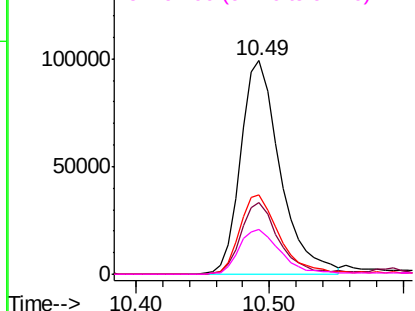
#33
4-Chloroaniline
Concen: 24.257 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	203131
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.4	38.0
65	36.9	29.2	43.8
92	21.2	17.5	26.3

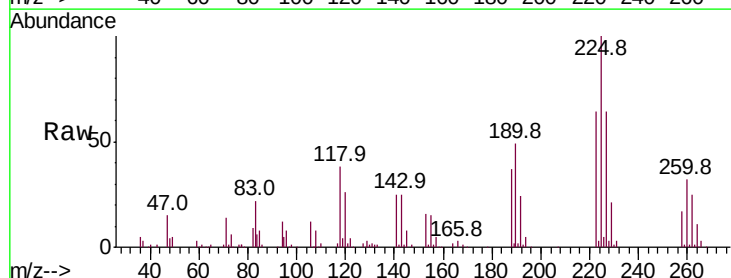


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

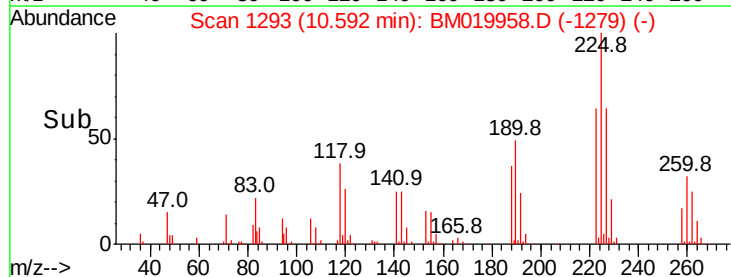
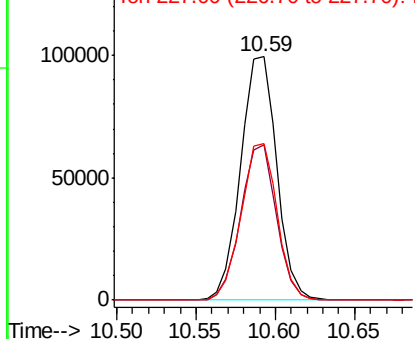


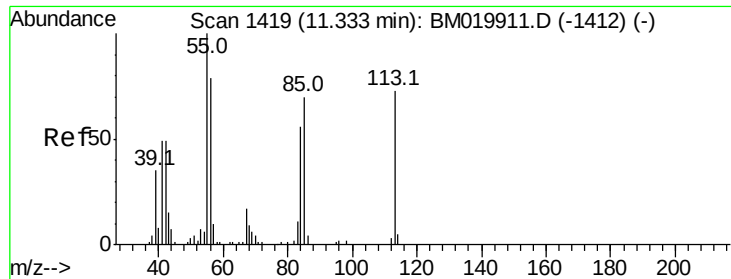
#34
Hexachlorobutadiene
Concen: 41.237 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:	225	Resp:	157257
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.2
227	64.2	51.0	76.6



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

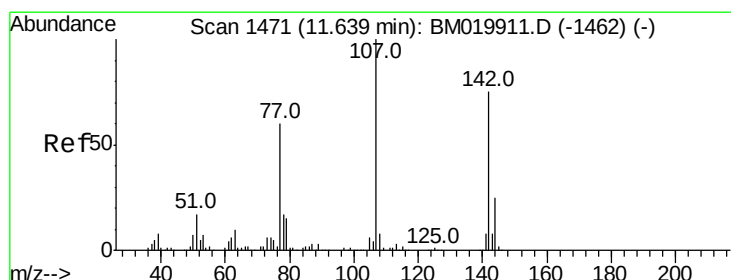
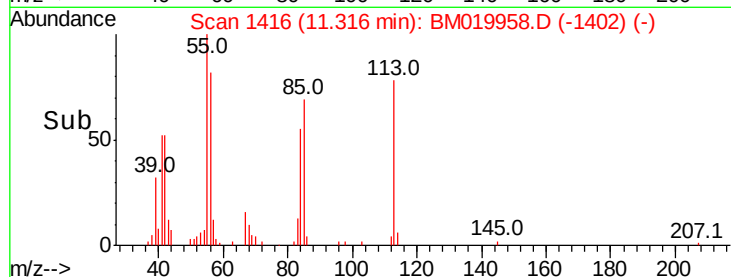
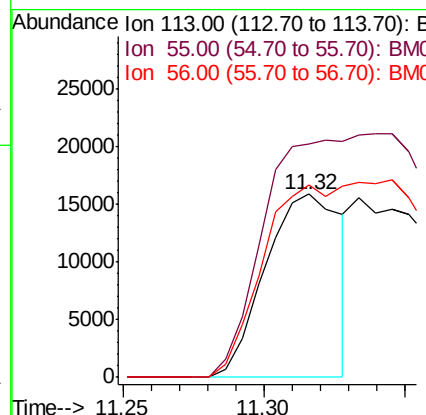
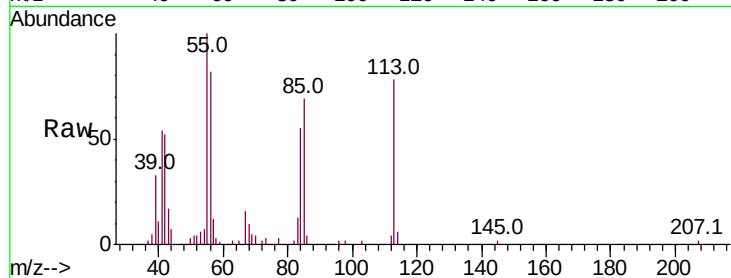




#35
 Caprolactam
 Concen: 13.027 ng
 RT: 11.32 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

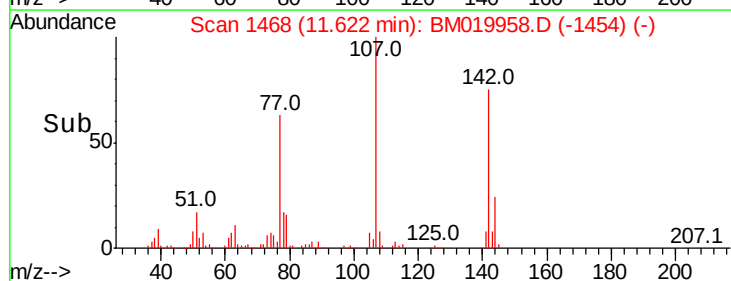
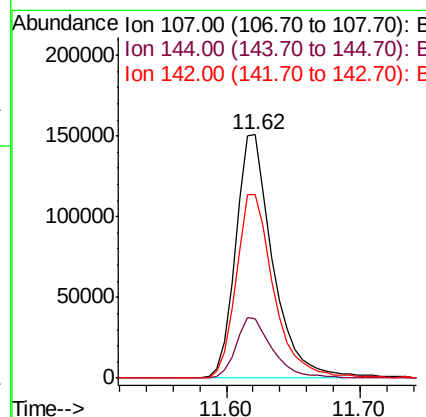
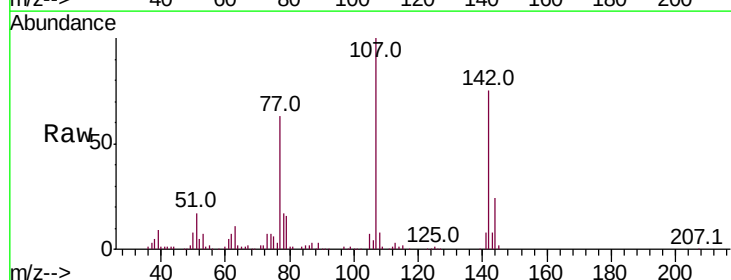
Instrument :
 BNA_M
 ClientSampleId :

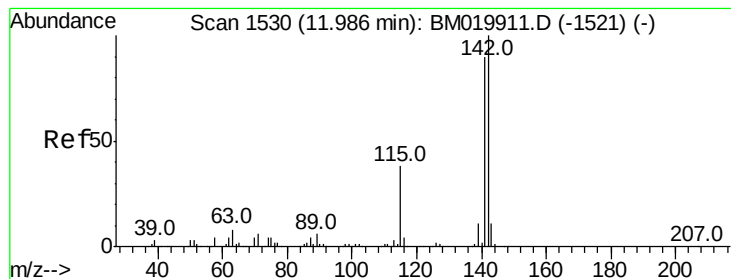
Tot Ion:113 Resp: 29623
 Ion Ratio Lower Upper
 113 100
 55 127.5 117.1 157.1
 56 104.9 88.2 128.2



#36
 4-Chloro-3-methylphenol
 Concen: 38.933 ng
 RT: 11.62 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion:107 Resp: 290619
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.8 29.8
 142 75.4 60.3 90.5

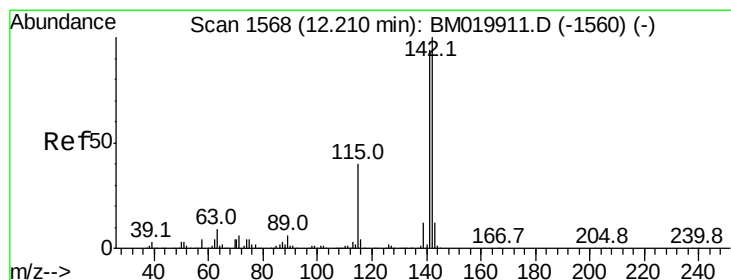
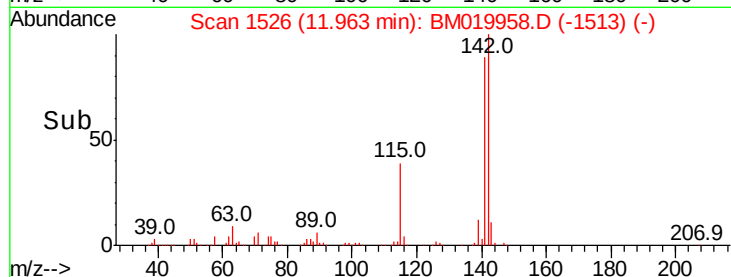
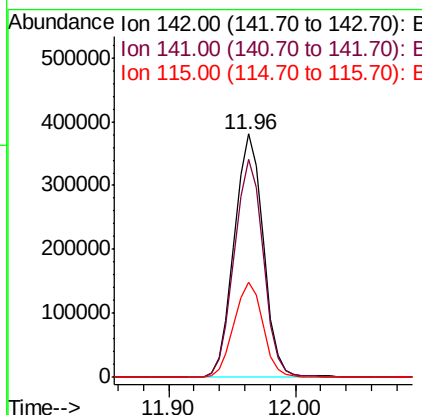
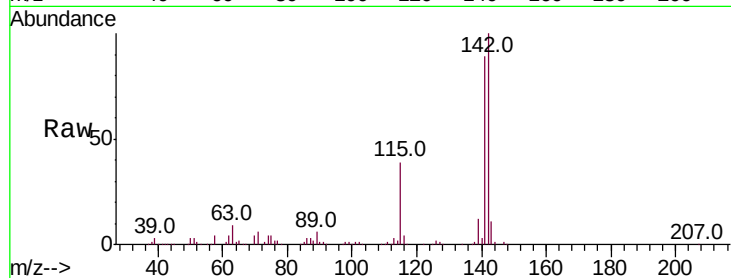




#37
2-Methylnaphthalene
Concen: 40.942 ng
RT: 11.96 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

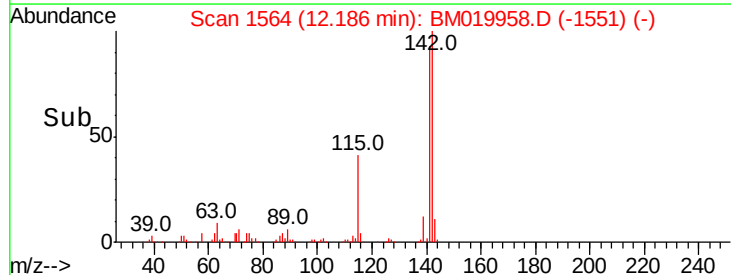
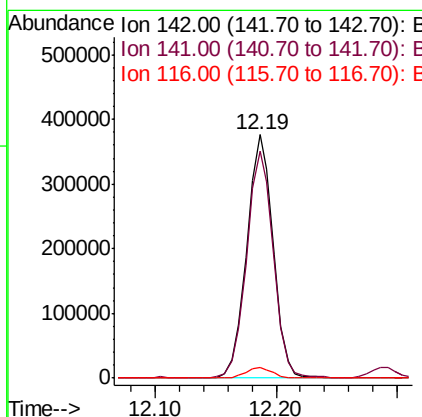
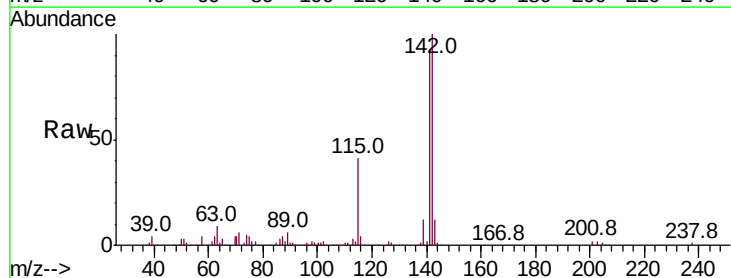
Instrument :
BNA_M
ClientSampleId :

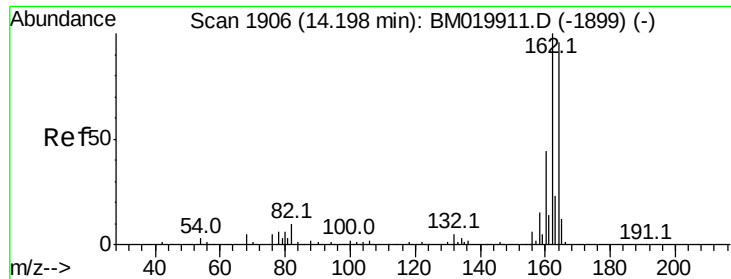
Tot Ion:142 Resp: 605913
Ion Ratio Lower Upper
142 100
141 89.4 72.3 108.5
115 38.9 30.5 45.7



#38
1-Methylnaphthalene
Concen: 39.359 ng
RT: 12.19 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:142 Resp: 575132
Ion Ratio Lower Upper
142 100
141 93.0 75.7 113.5
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

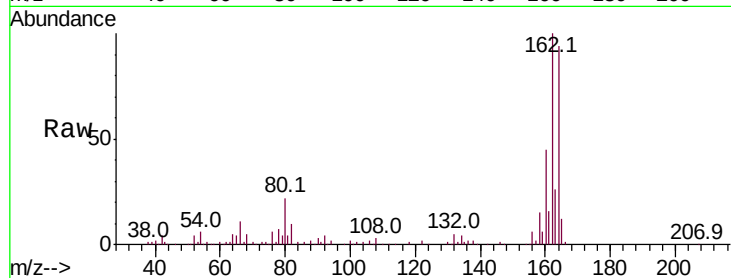
Tot Ion:164 Resp: 209520

Ion Ratio Lower Upper

164 100

162 106.4 83.0 124.4

160 47.4 36.6 55.0

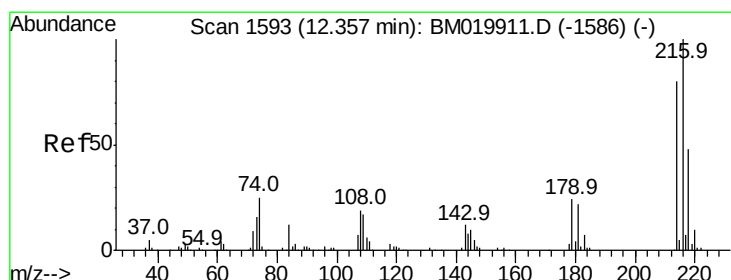
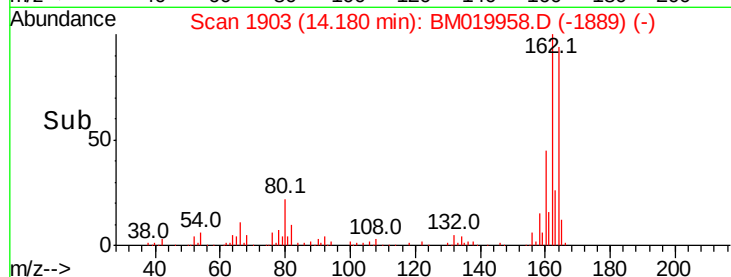
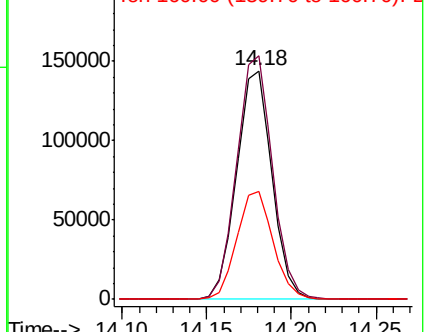


Abundance

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: 43.235 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:216 Resp: 279454

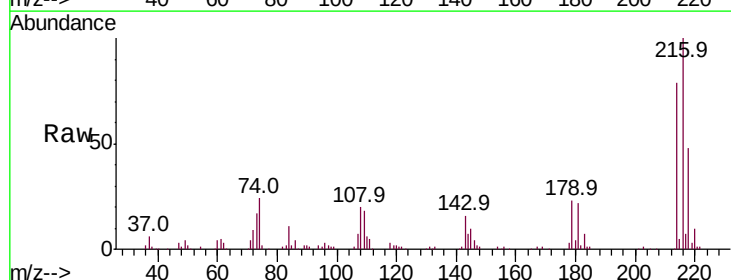
Ion Ratio Lower Upper

216 100

214 79.2 63.1 94.7

179 23.5 19.0 28.6

108 20.1 16.3 24.5



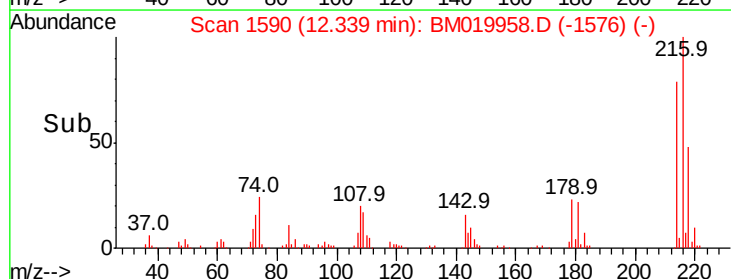
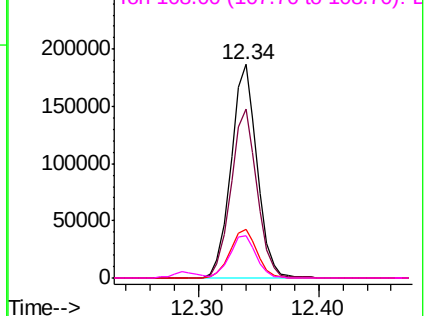
Abundance

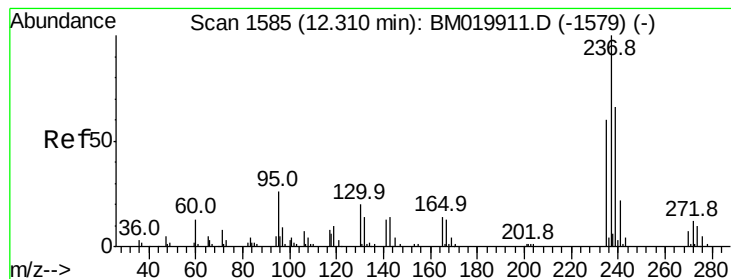
Ion 216.00 (215.70 to 216.70): E

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: 81.323 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

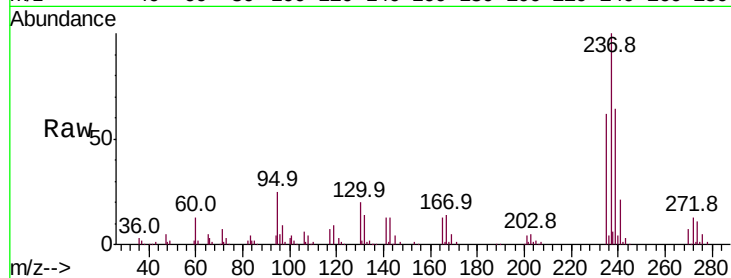
Tot Ion:237 Resp: 186613

Ion Ratio Lower Upper

237 100

235 62.5 40.4 80.4

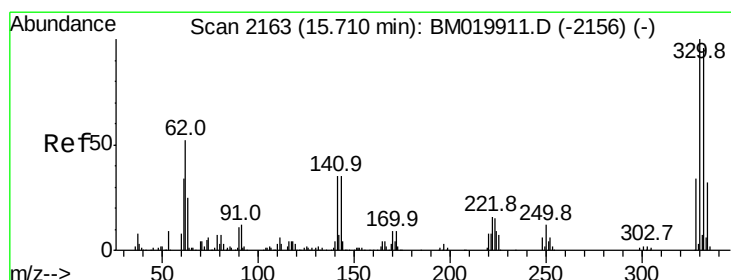
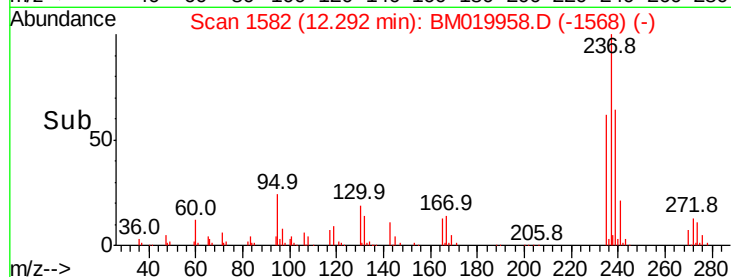
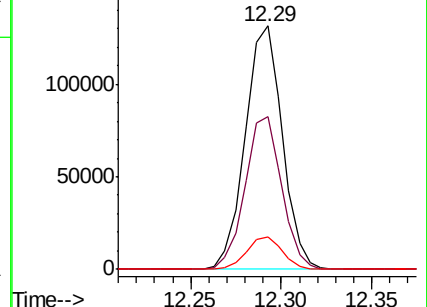
272 13.3 0.0 32.3



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: 128.625 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

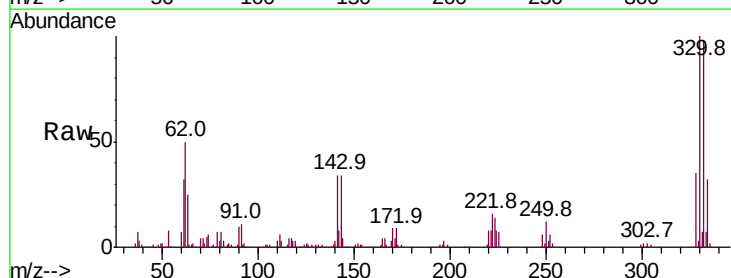
Tgt Ion:330 Resp: 433811

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

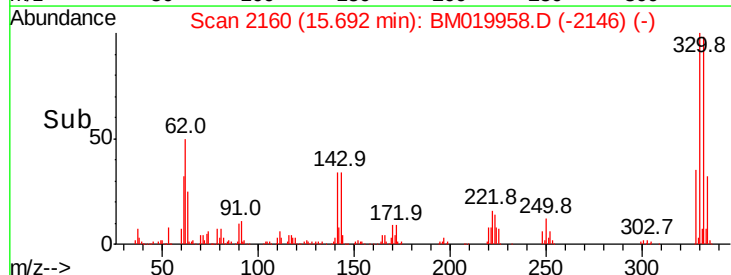
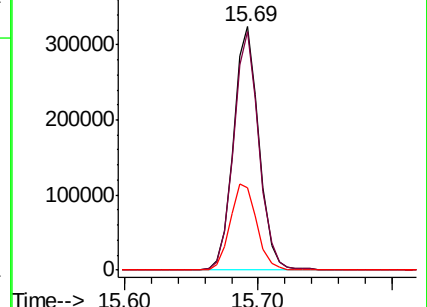
141 37.2 29.0 43.4

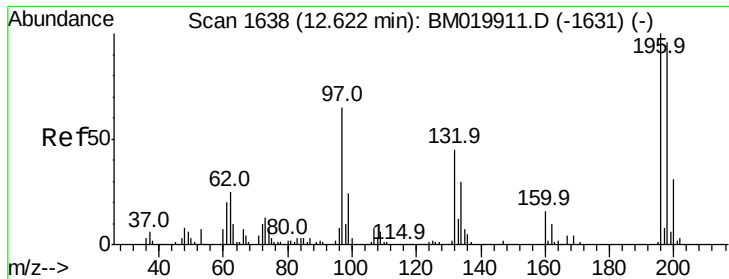


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

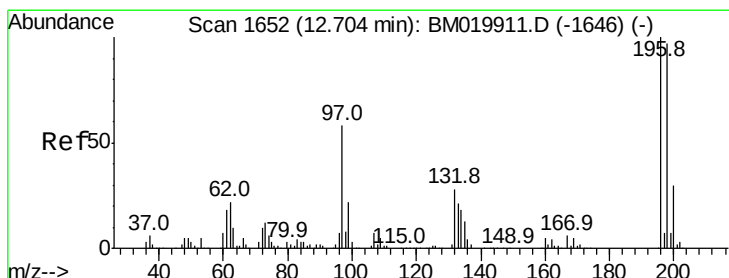
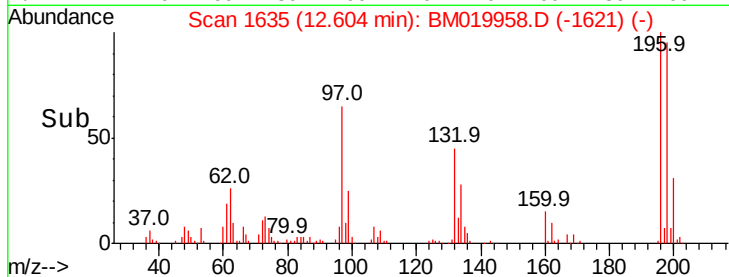
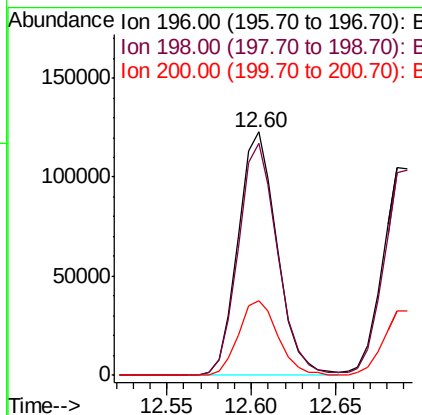
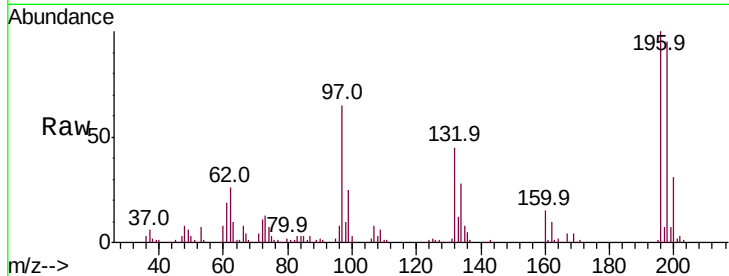




#43
 2,4,6-Trichlorophenol
 Concen: 45.001 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

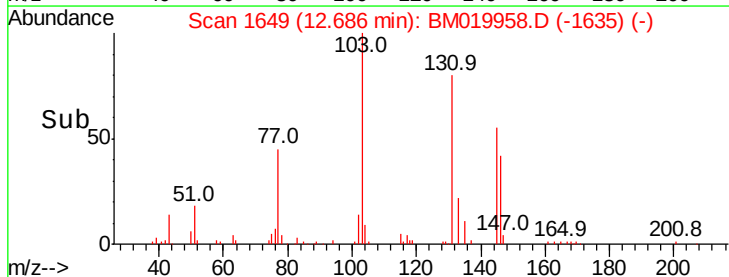
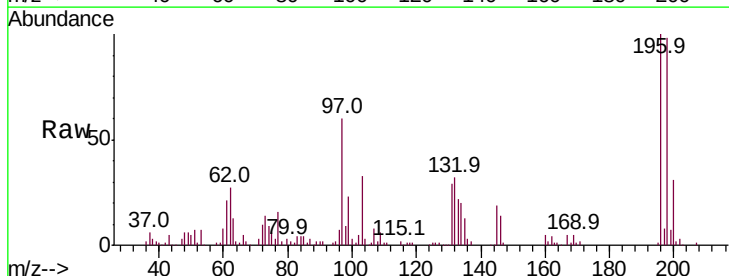
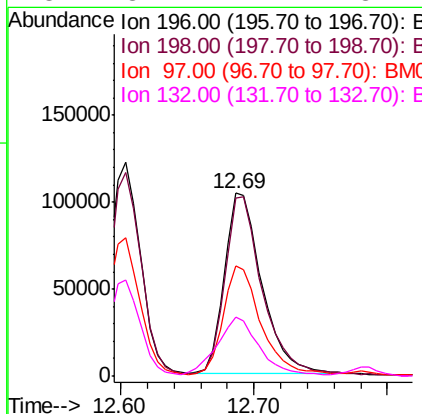
Instrument :
 BNA_M
 ClientSampled :

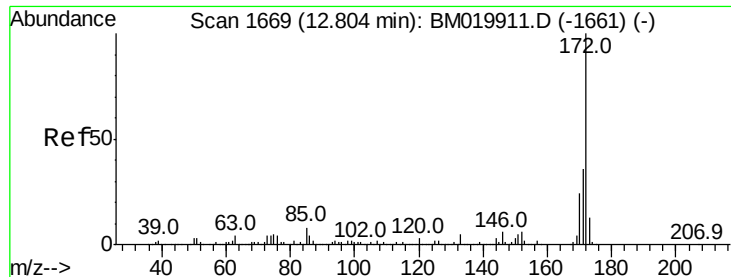
Tot Ion	196	Resp	197200
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.8	115.2
200	30.6	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.560 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	196	Resp	203231
Ion Ratio	Lower	Upper	
196	100		
198	97.5	77.8	116.8
97	60.4	46.2	69.2
132	32.1	22.7	34.1

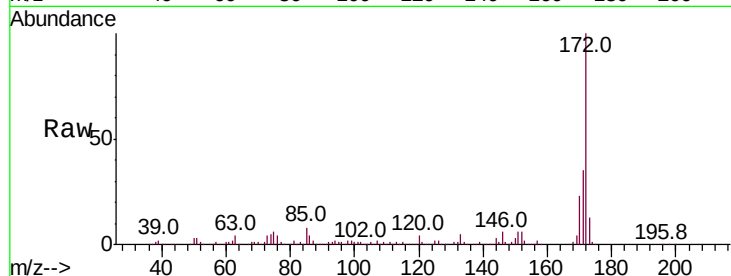




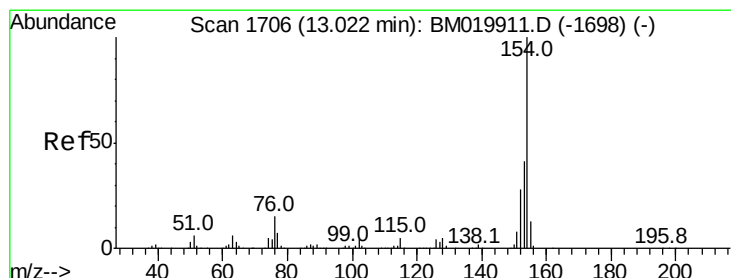
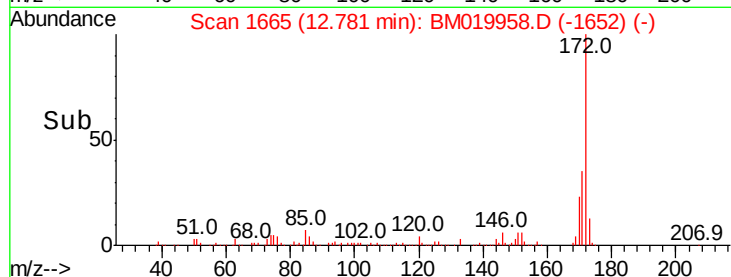
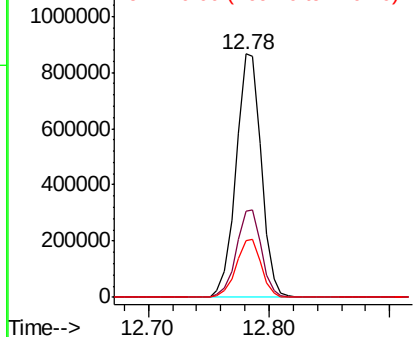
#45
2-Fluorobiphenyl
Concen: 74.749 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1256695
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.4 19.0 28.4

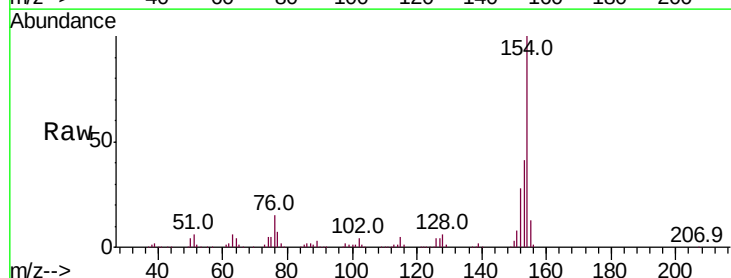


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

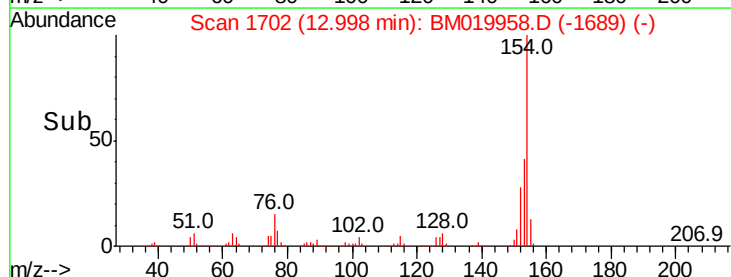
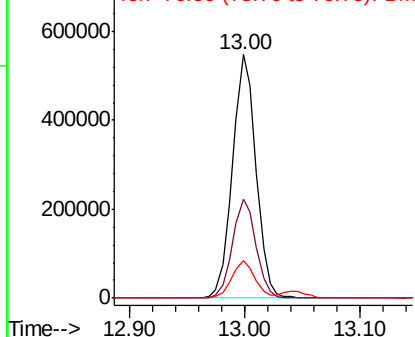


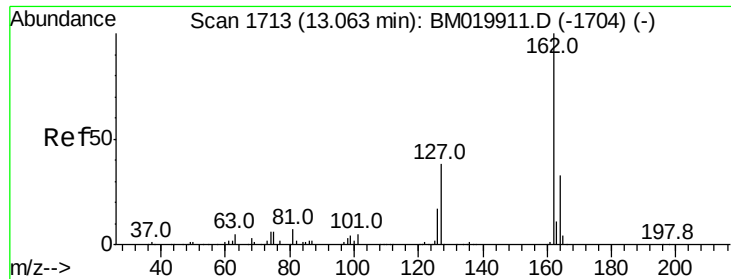
#46
1,1'-Biphenyl
Concen: 42.483 ng
RT: 13.00 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:154 Resp: 770945
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 15.4 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





#47

2-Chloronaphthalene

Concen: 43.167 ng

RT: 13.05 min Scan# 1710

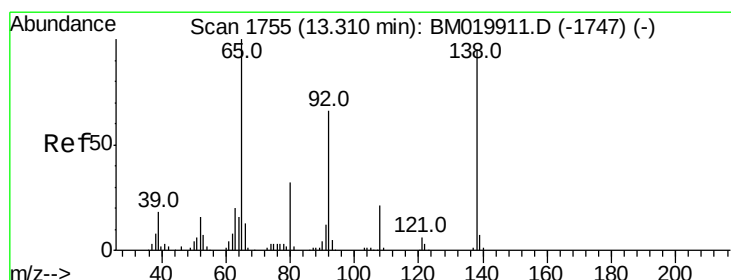
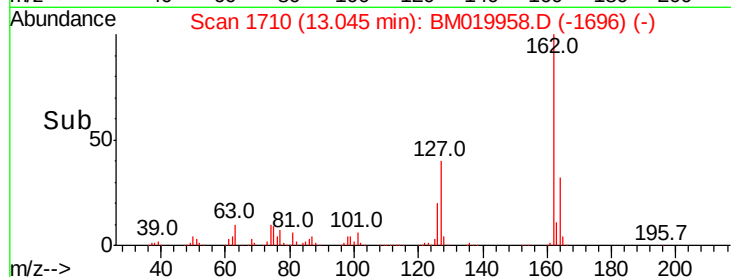
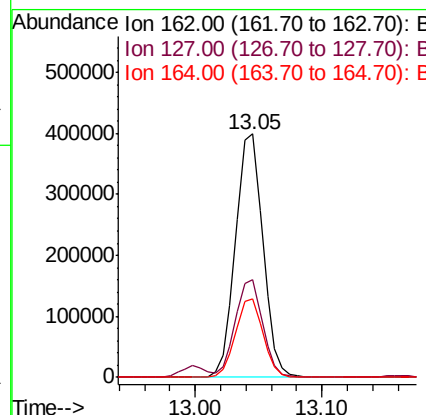
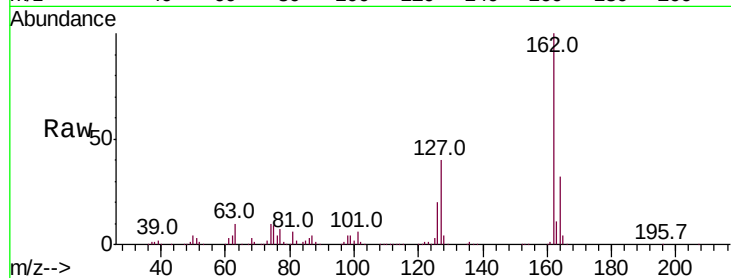
Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.3	48.5
164	32.2	26.3	39.5



#48

2-Nitroaniline

Concen: 42.536 ng

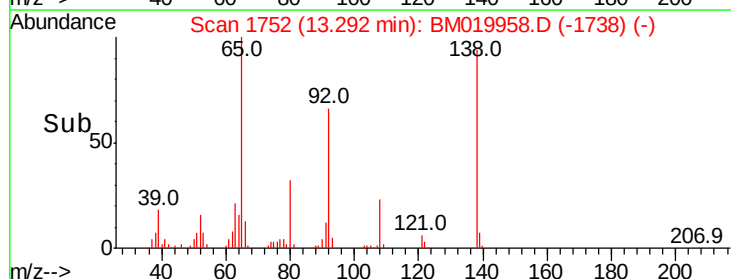
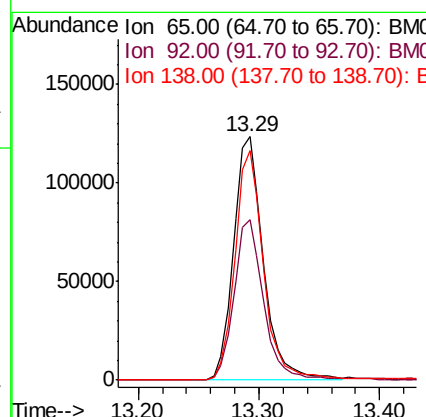
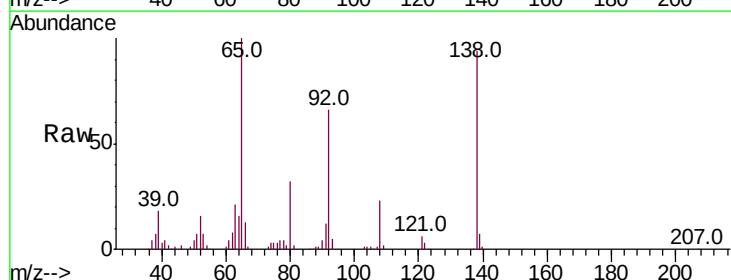
RT: 13.29 min Scan# 1752

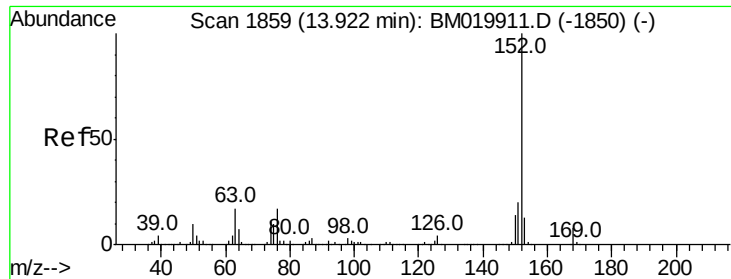
Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.9	79.3
138	94.0	75.8	113.6





#49

Acenaphthylene

Concen: 40.460 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

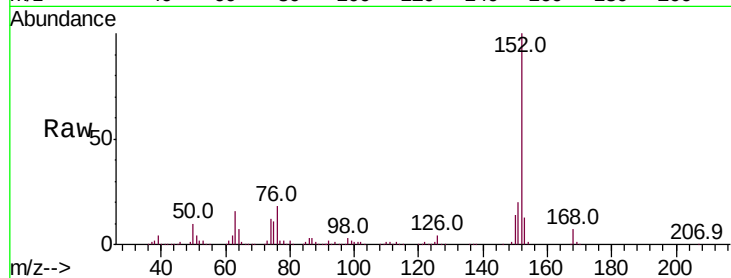
Tot Ion:152 Resp: 974440

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.1	10.6	16.0

152 100

151 20.0 16.2 24.2

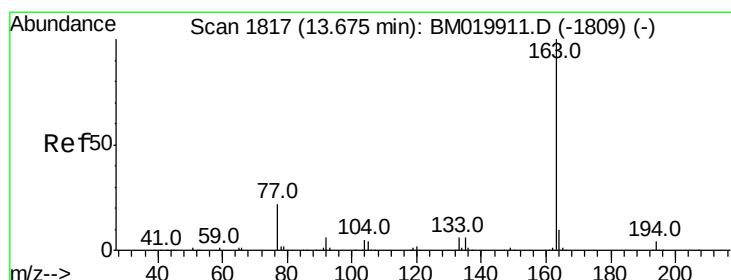
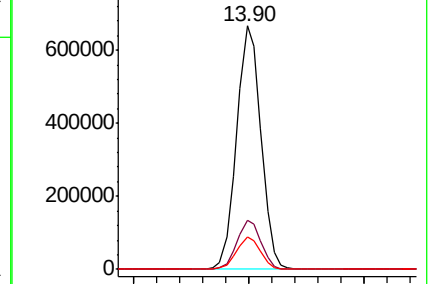
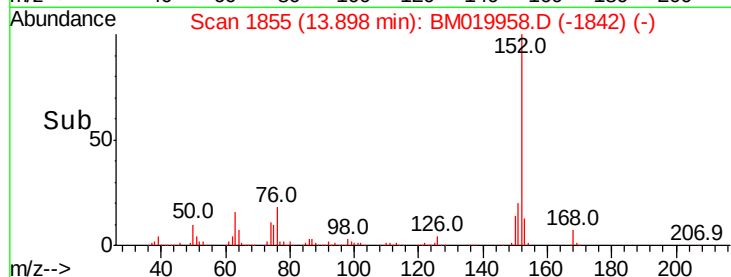
153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.449 ng

RT: 13.65 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

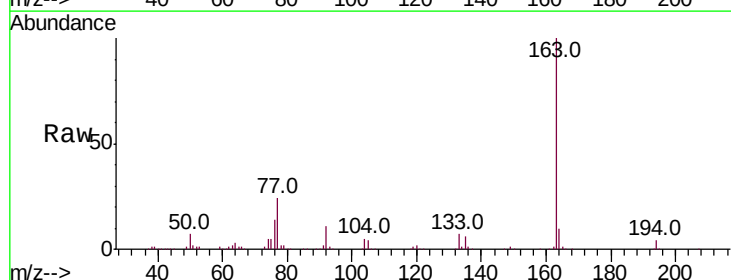
Tgt Ion:163 Resp: 766012

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.2	7.9	11.9

163 100

194 4.0 3.1 4.7

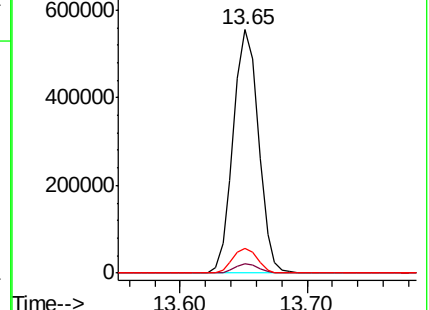
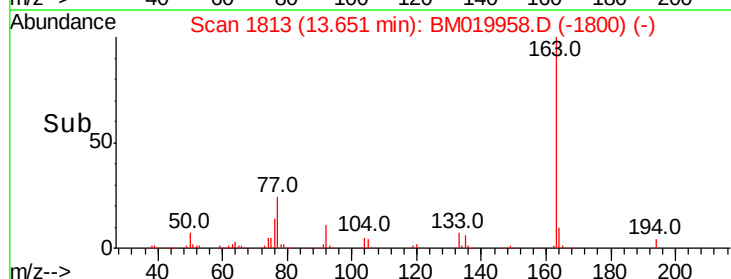
164 10.2 7.9 11.9

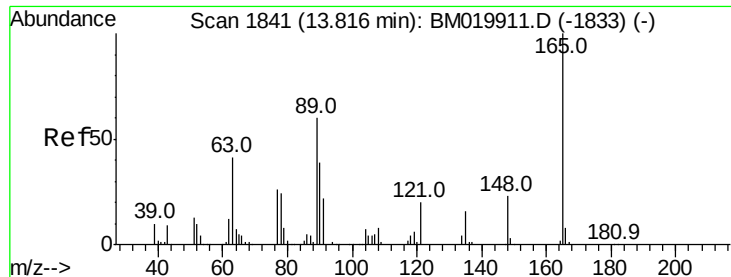


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

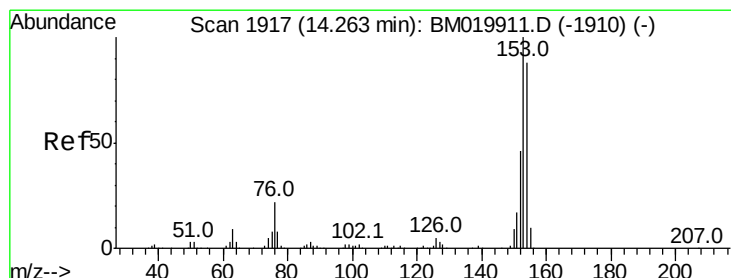
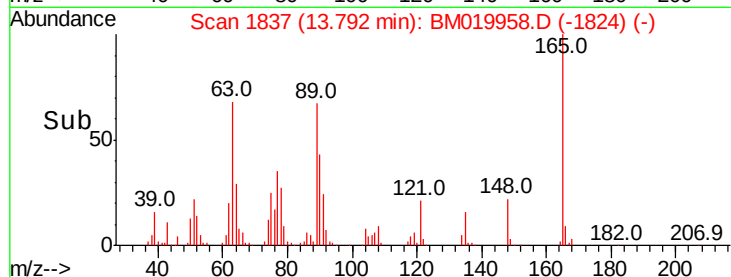
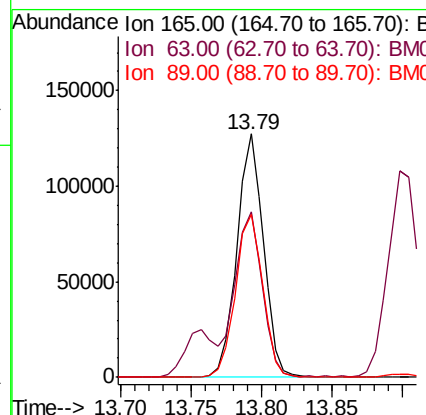
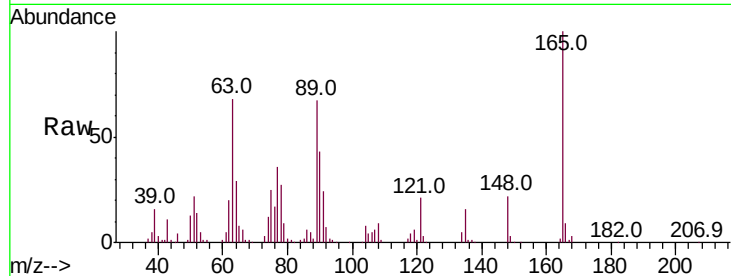




#51
 2,6-Dinitrotoluene
 Concen: 40.606 ng
 RT: 13.79 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

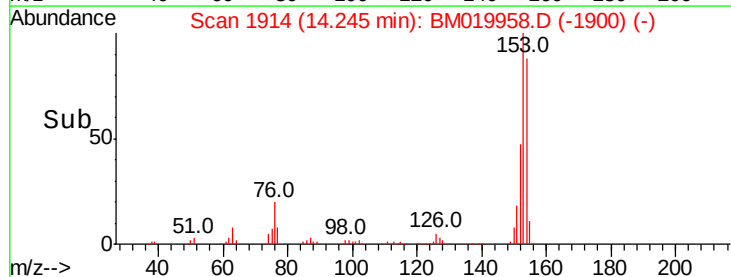
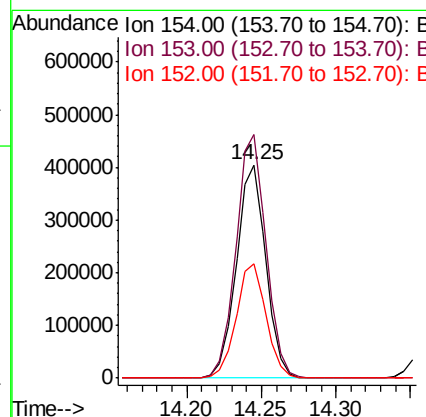
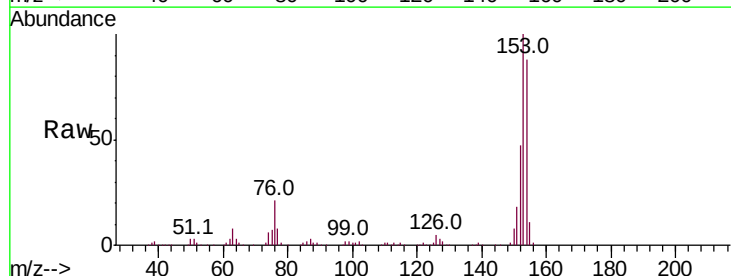
Instrument :
 BNA_M
 ClientSampleId :

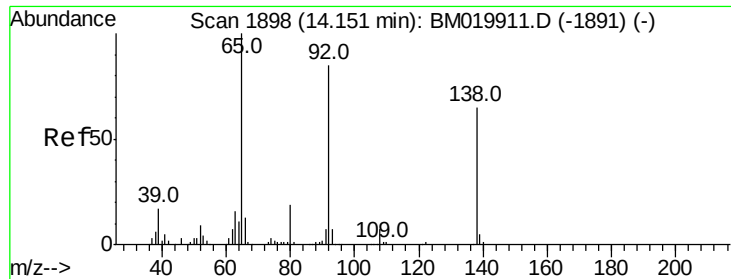
Tot Ion:165 Resp: 165944
 Ion Ratio Lower Upper
 165 100
 63 67.8 48.5 72.7
 89 67.1 48.2 72.4



#52
 Acenaphthene
 Concen: 41.774 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion:154 Resp: 557838
 Ion Ratio Lower Upper
 154 100
 153 114.2 91.0 136.4
 152 53.5 42.2 63.2

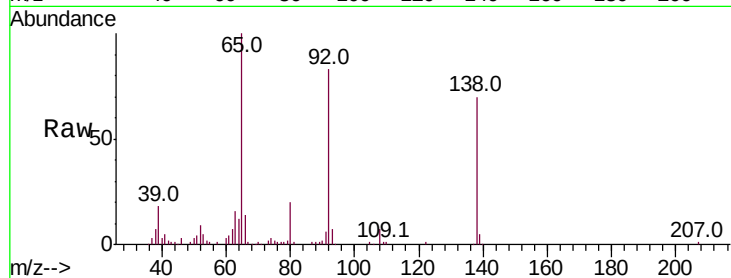




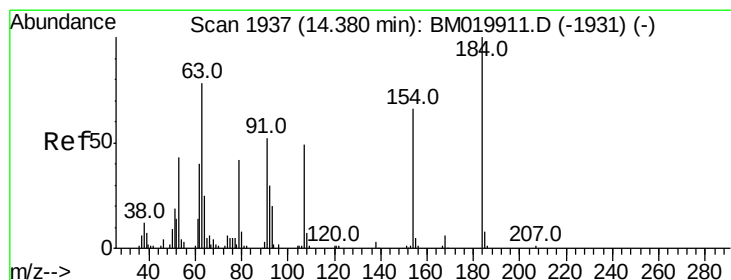
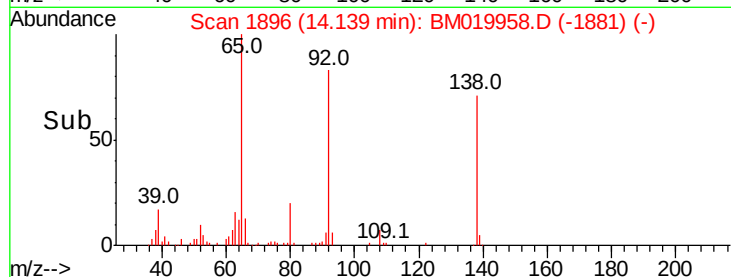
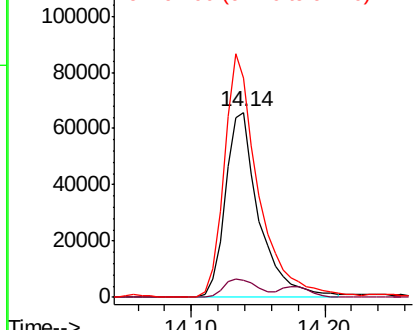
#53
3-Nitroaniline
Concen: 28.423 ng
RT: 14.14 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:138 Resp: 115983
Ion Ratio Lower Upper
138 100
108 9.5 8.9 13.3
92 118.7 103.8 155.8

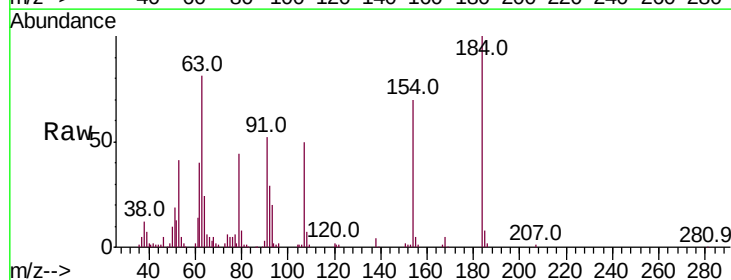


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM0

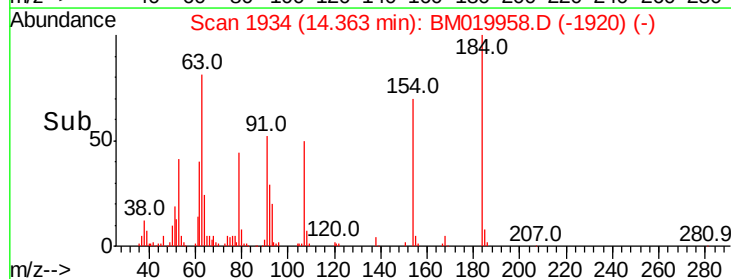
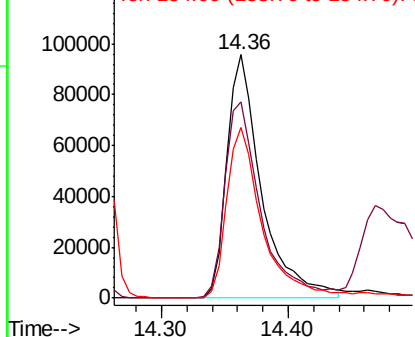


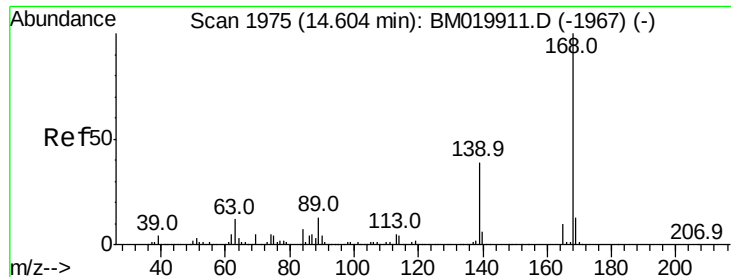
#54
2,4-Dinitrophenol
Concen: 74.909 ng
RT: 14.36 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:184 Resp: 181524
Ion Ratio Lower Upper
184 100
63 80.5 62.3 93.5
154 70.1 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.548 ng

RT: 14.59 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampled :

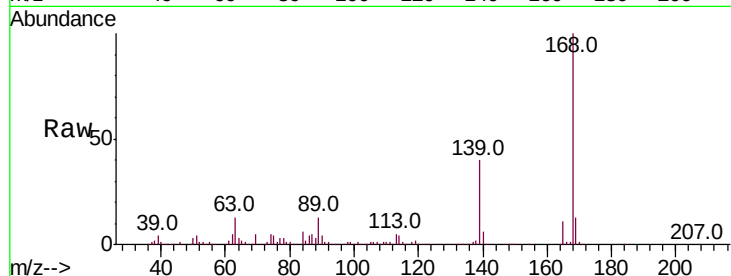
Tot Ion:168 Resp: 907278

Ion Ratio Lower Upper

168 100

139 40.1 31.5 47.3

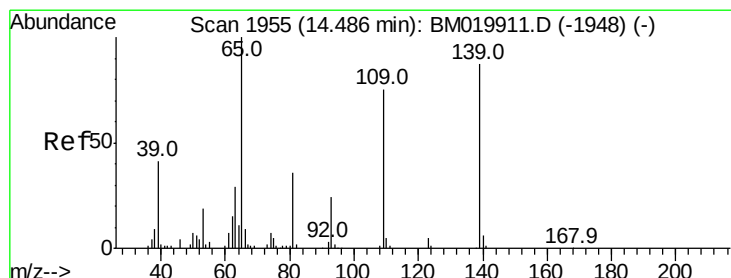
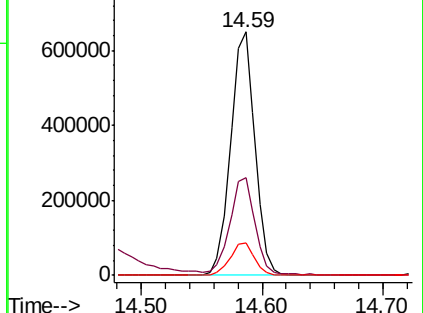
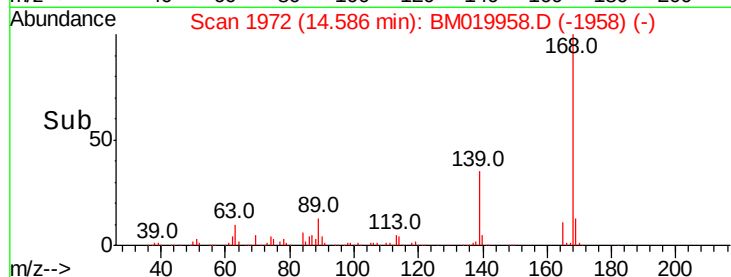
169 13.1 10.6 16.0



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: 72.888 ng

RT: 14.47 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

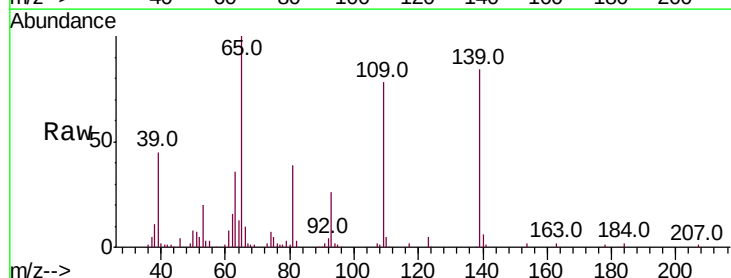
Tgt Ion:139 Resp: 232880

Ion Ratio Lower Upper

139 100

109 92.6 65.3 105.3

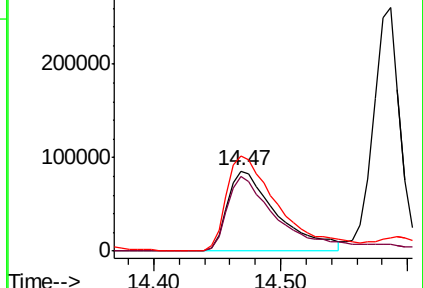
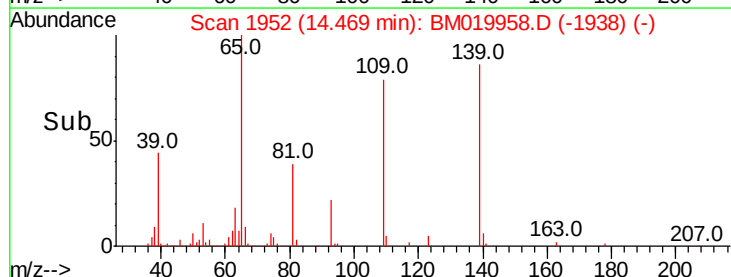
65 118.8 94.9 134.9

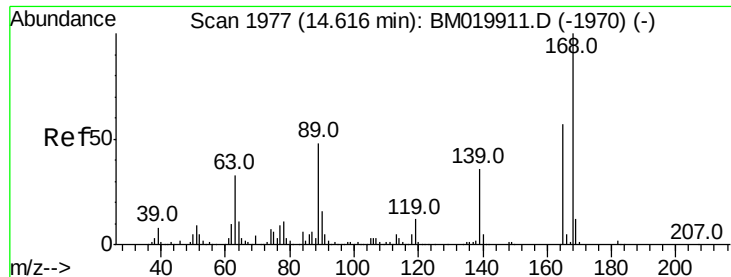


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

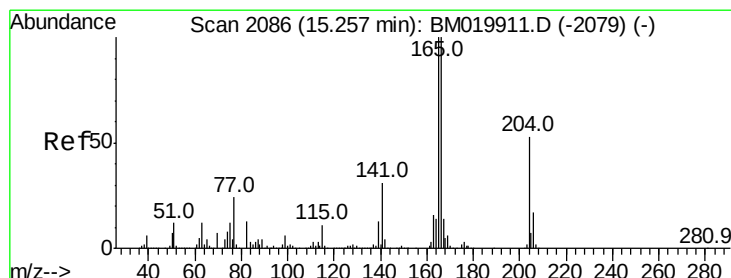
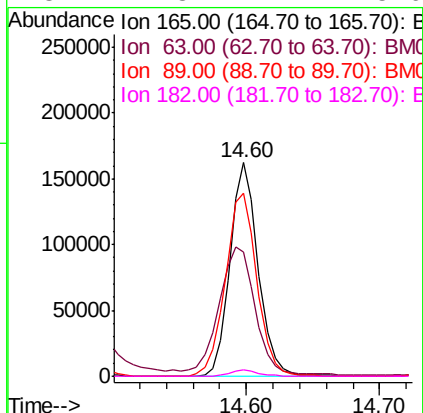
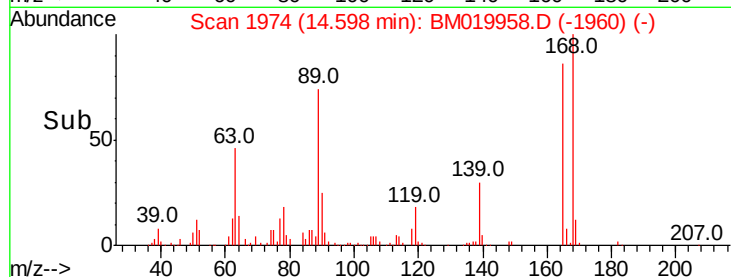
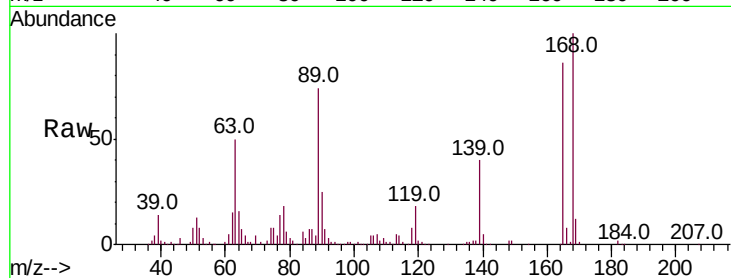




#57
2,4-Dinitrotoluene
Concen: 40.459 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

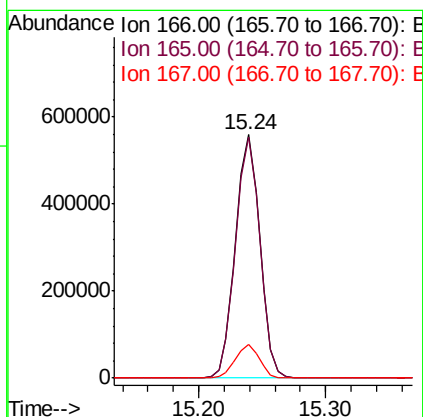
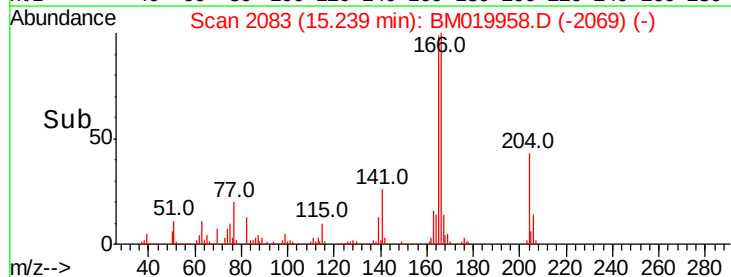
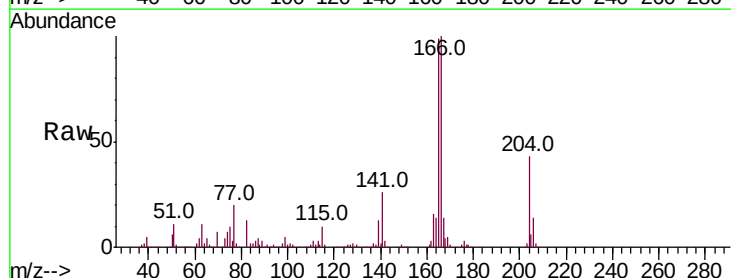
Instrument :
BNA_M
ClientSampled :

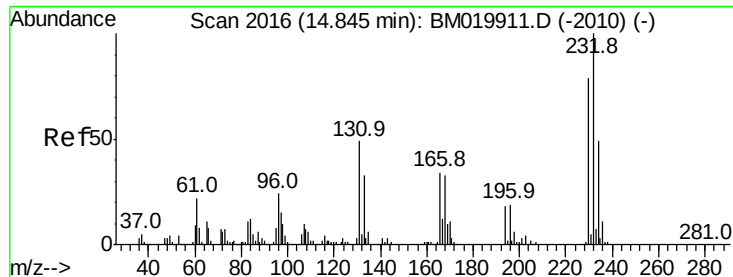
Tot Ion:165 Resp: 237672
Ion Ratio Lower Upper
165 100
63 58.2 46.0 69.0
89 85.8 67.5 101.3
182 2.8 2.4 3.6



#58
Fluorene
Concen: 40.220 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:166 Resp: 744214
Ion Ratio Lower Upper
166 100
165 99.2 80.1 120.1
167 13.6 11.0 16.4

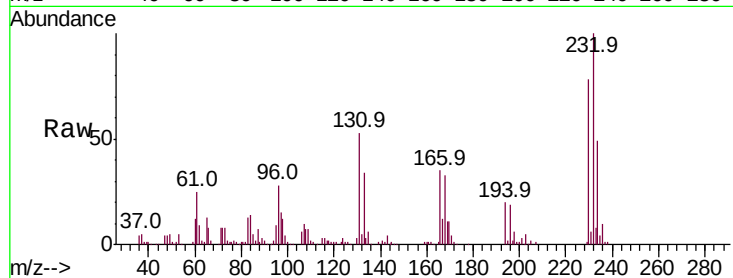




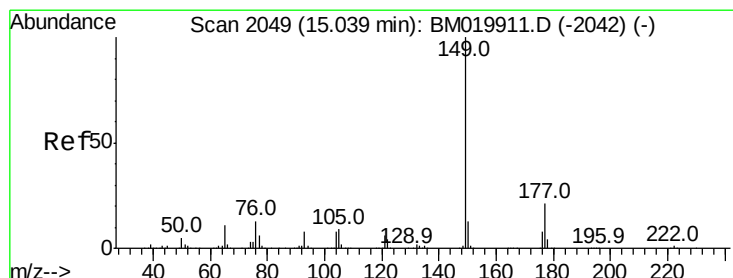
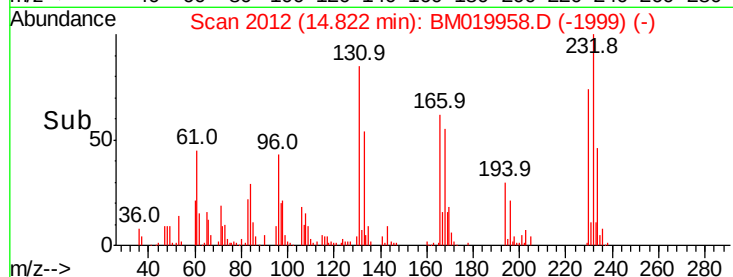
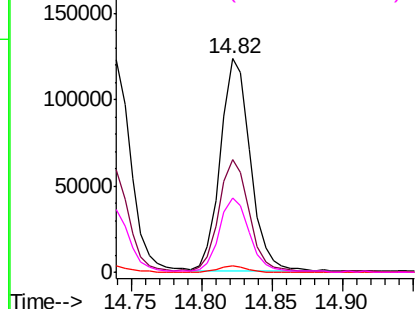
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.613 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	232	Resp:	181497
Ion	Ratio	Lower	Upper
232	100		
131	52.9	42.1	63.1
130	2.9	2.2	3.4
166	35.8	28.1	42.1

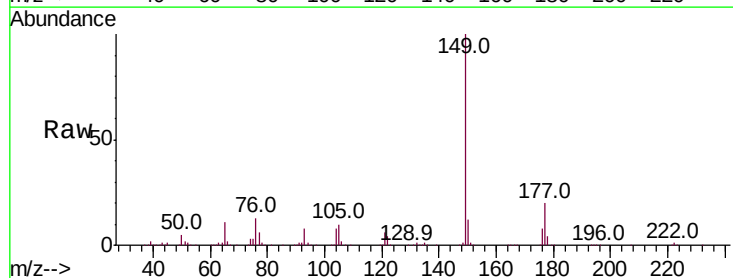


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

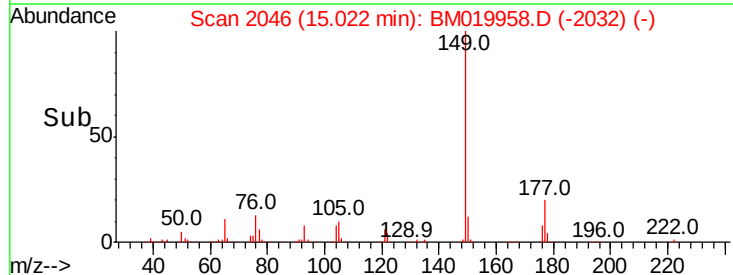
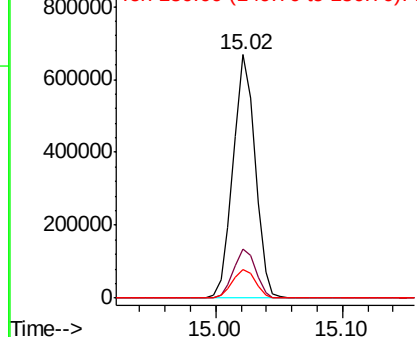


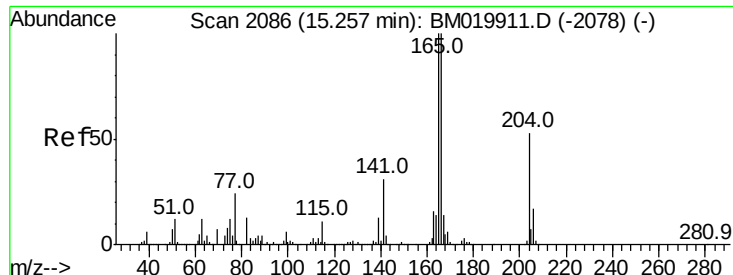
#60
Diethylphthalate
Concen: 41.677 ng
RT: 15.02 min Scan# 2046
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:	149	Resp:	801066
Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.6	25.0
150	12.0	10.0	15.0



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

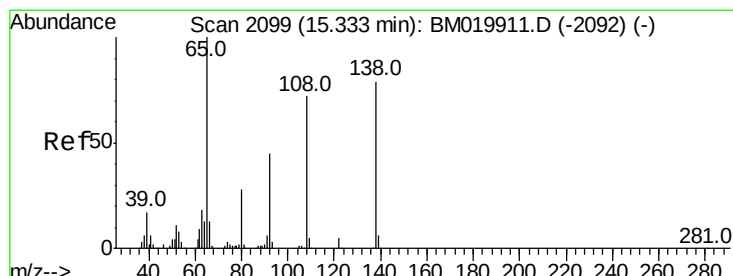
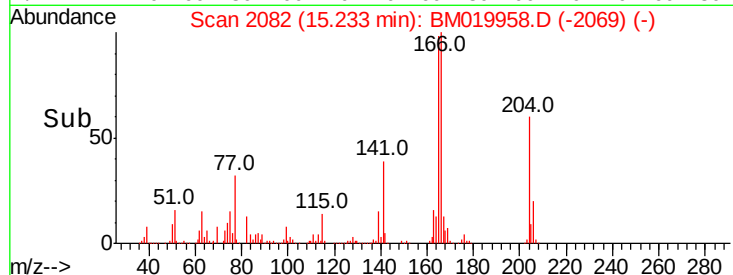
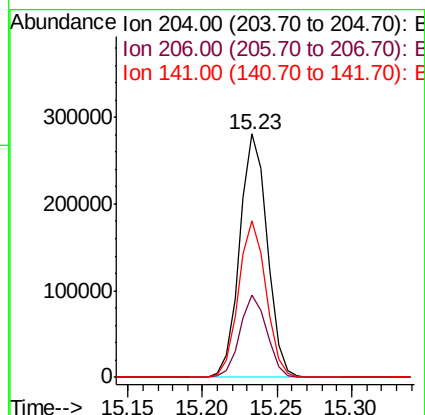
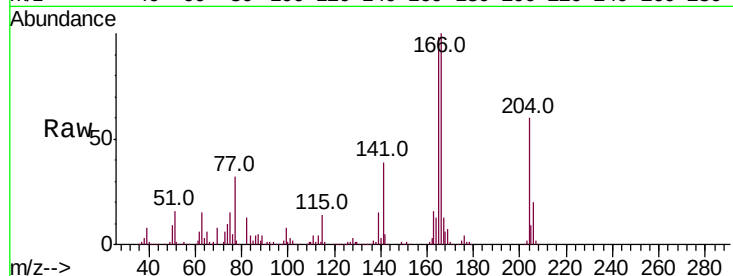




#61
4-Chlorophenyl-phenylether
Concen: 40.409 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

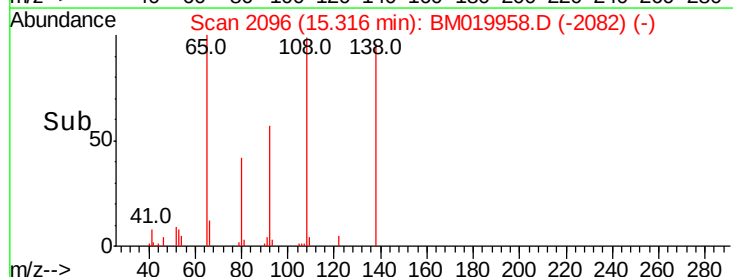
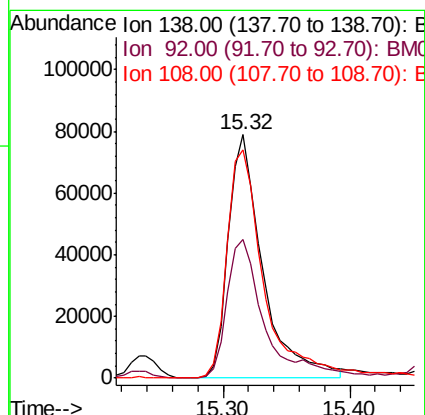
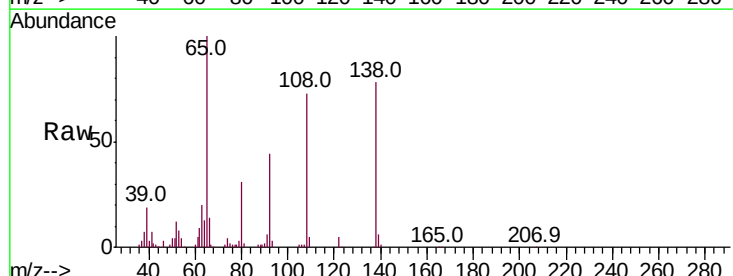
Instrument :
BNA_M
ClientSampled :

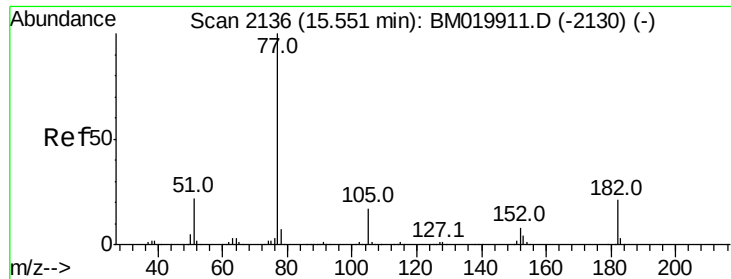
Tot Ion:204 Resp: 359998
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.8
141 64.5 47.0 70.4



#62
4-Nitroaniline
Concen: 37.094 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:138 Resp: 149134
Ion Ratio Lower Upper
138 100
92 57.0 36.8 76.8
108 94.0 71.5 111.5





#63

Azobenzene

Concen: 42.172 ng

RT: 15.53 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 866355

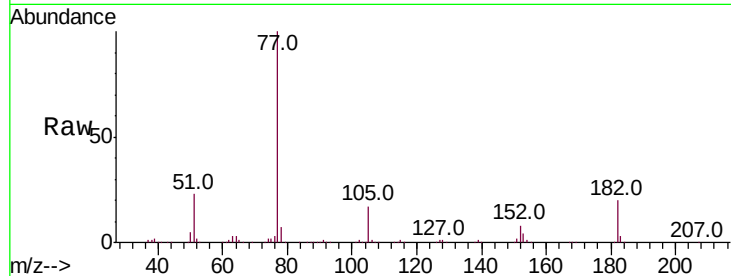
Ion Ratio Lower Upper

77 100

182 20.4 1.0 41.0

105 16.8 0.0 37.1

51 22.9 2.1 42.1

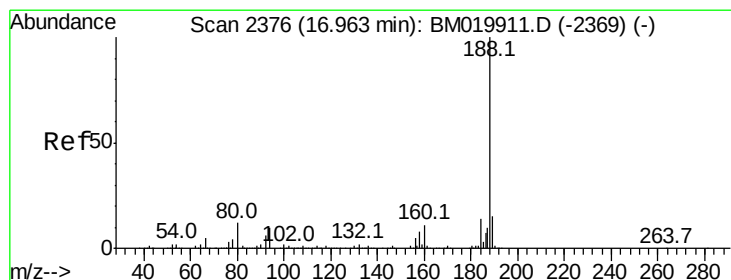
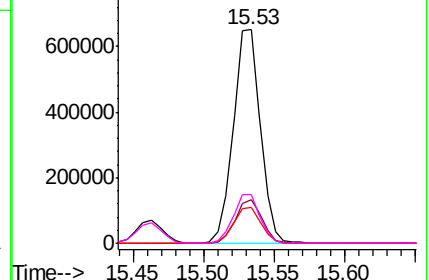
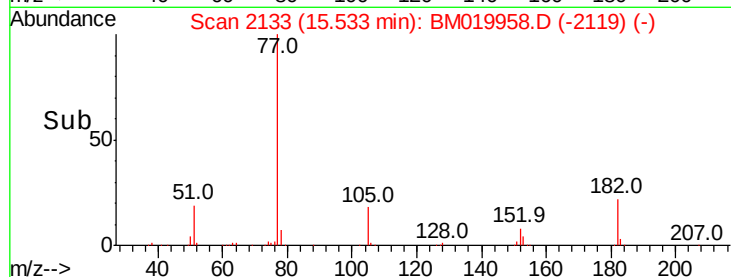


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 16.94 min Scan# 2373

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

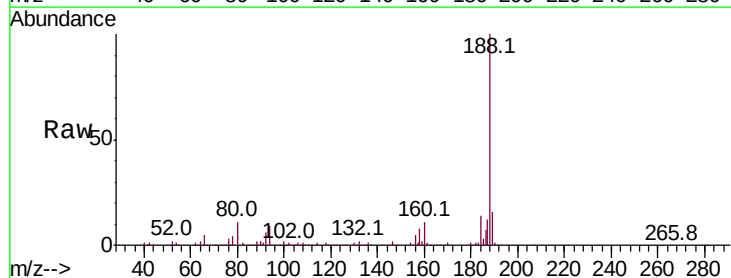
Tgt Ion: 188 Resp: 464695

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

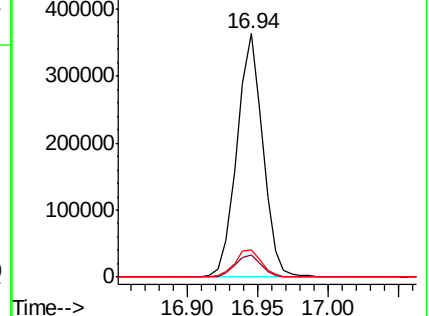
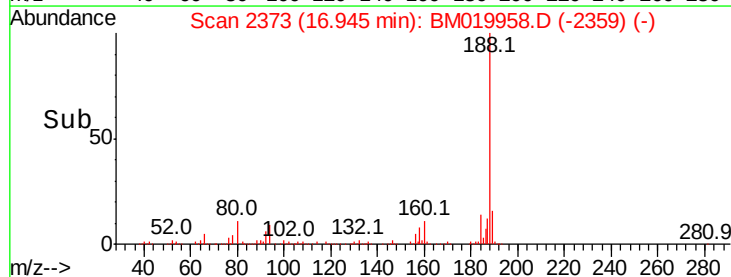
80 11.3 9.4 14.0

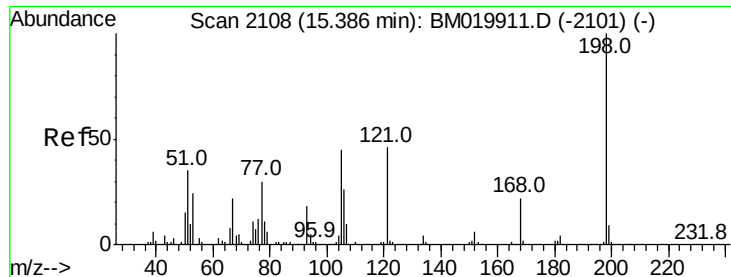


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

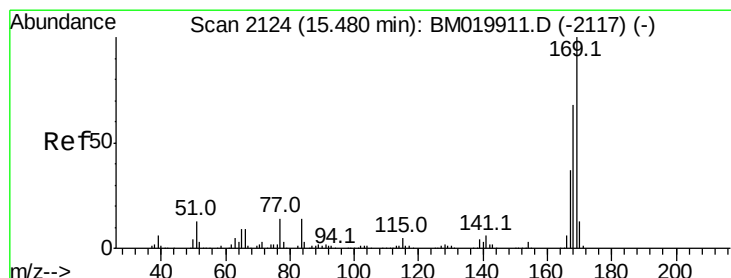
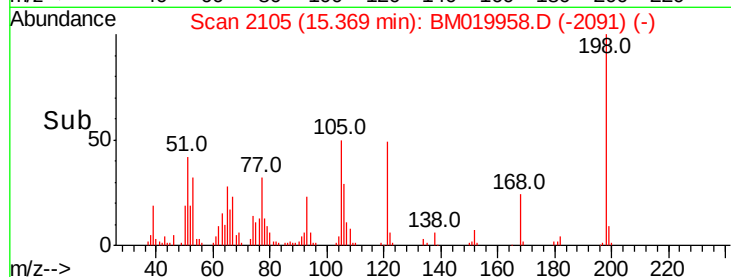
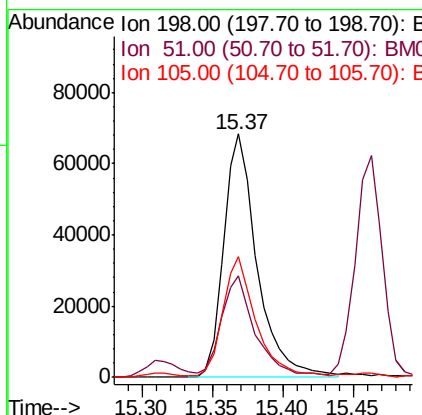
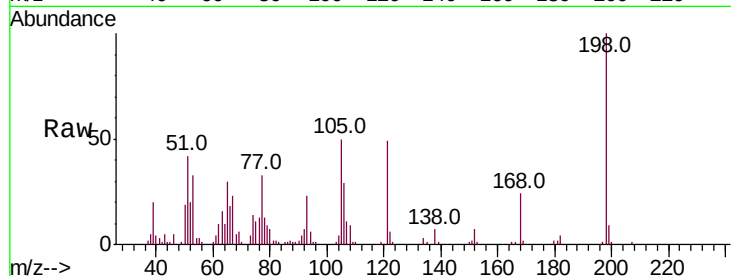




#65
4,6-Dinitro-2-methylphenol
Concen: 37.954 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

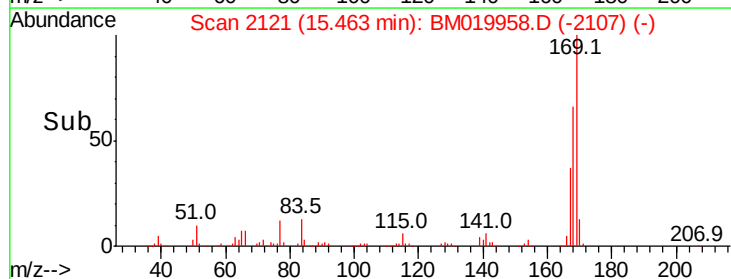
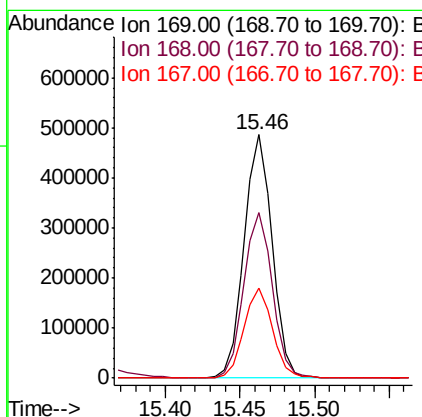
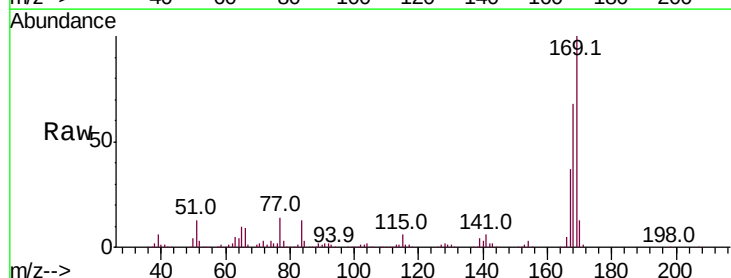
Instrument :
BNA_M
ClientSampled :

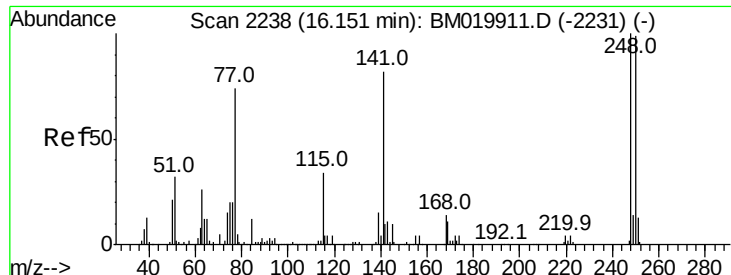
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.8	17.9	57.9
105	49.5	26.1	66.1



#66
n-Nitrosodiphenylamine
Concen: 41.549 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.7	82.1
167	36.8	29.4	44.0

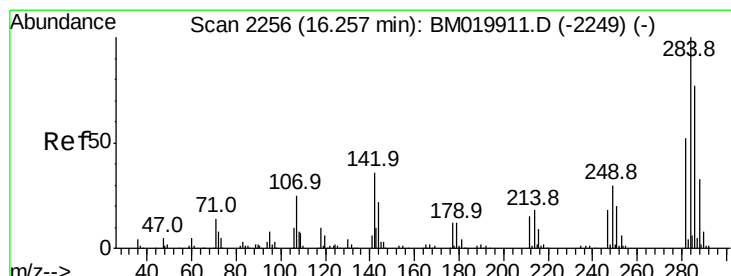
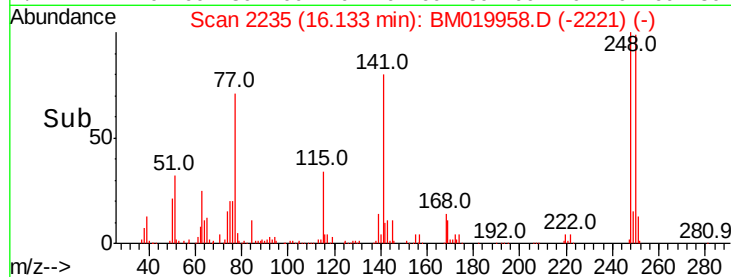
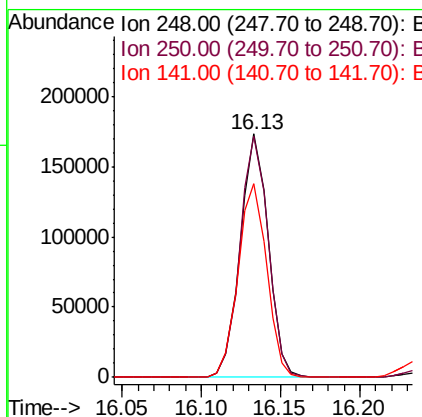
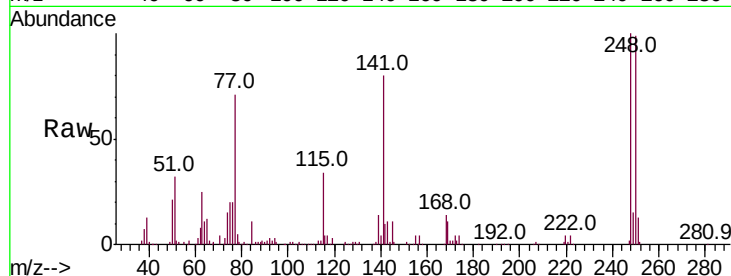




#67
 4-Bromophenyl-phenylether
 Concen: 39.704 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

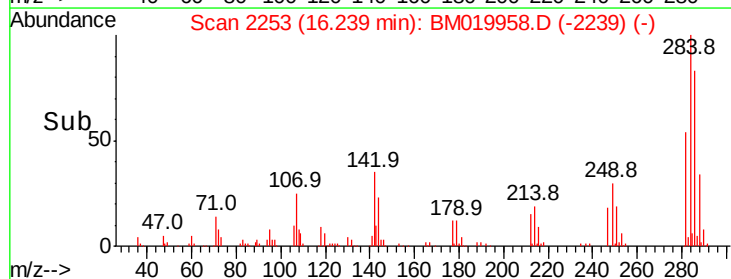
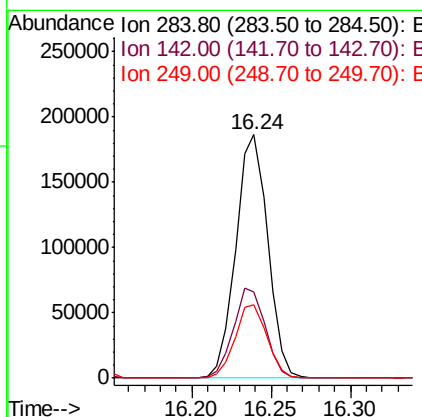
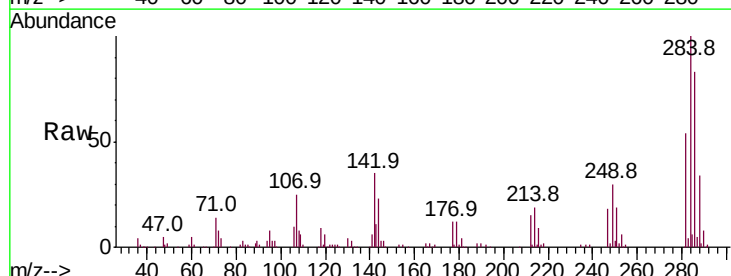
Instrument :
 BNA_M
 ClientSampled :

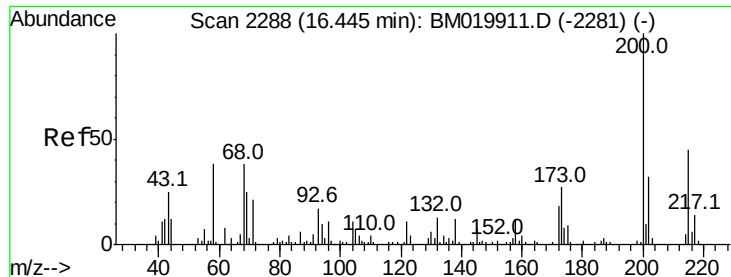
Tot	Ion:248	Resp:	212122
Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.9	118.3
141	79.6	65.6	98.4



#68
 Hexachlorobenzene
 Concen: 40.557 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion:284	Resp: 259997
Ion Ratio	Lower Upper
284 100	
142 35.2	28.9 43.3
249 30.2	23.8 35.6





#69

Atrazine

Concen: 42.053 ng

RT: 16.43 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

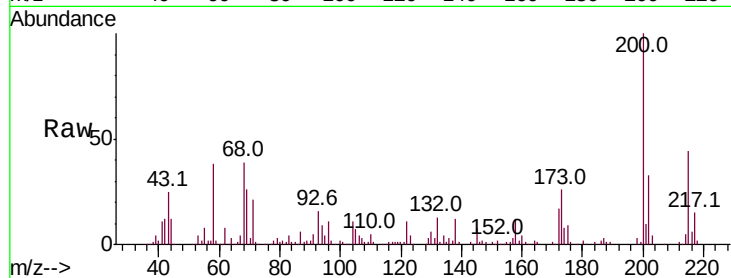
Tot Ion:200 Resp: 216881

Ion Ratio Lower Upper

200 100

173 26.4 7.2 47.2

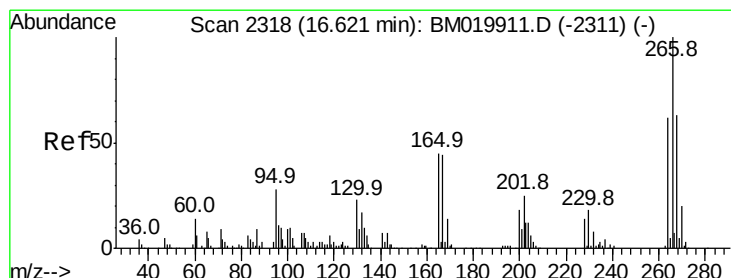
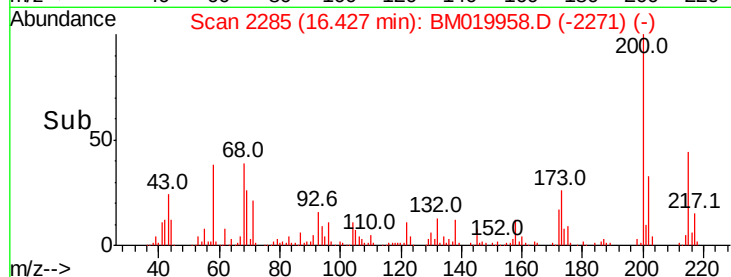
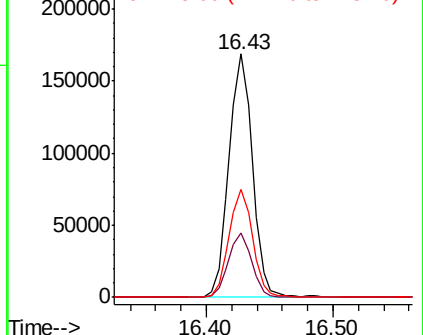
215 44.3 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.320 ng

RT: 16.60 min Scan# 2315

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

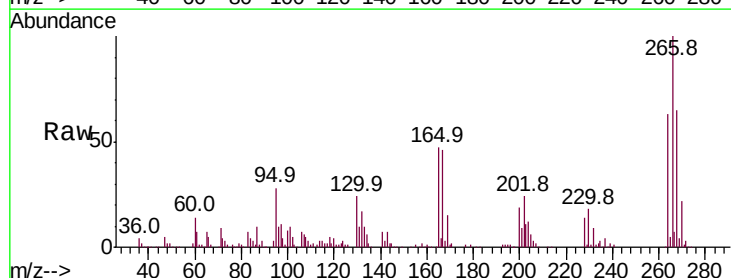
Tgt Ion:266 Resp: 279461

Ion Ratio Lower Upper

266 100

268 64.9 50.3 75.5

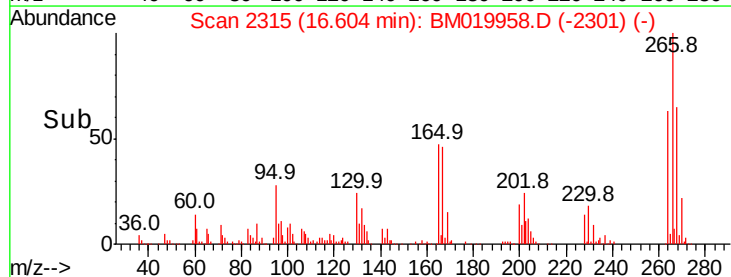
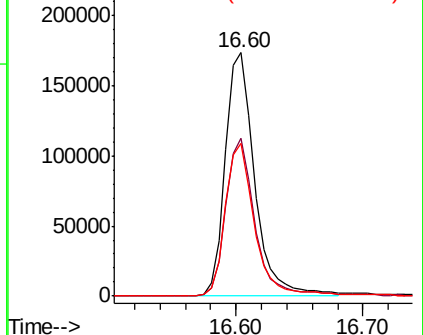
264 62.9 49.8 74.8

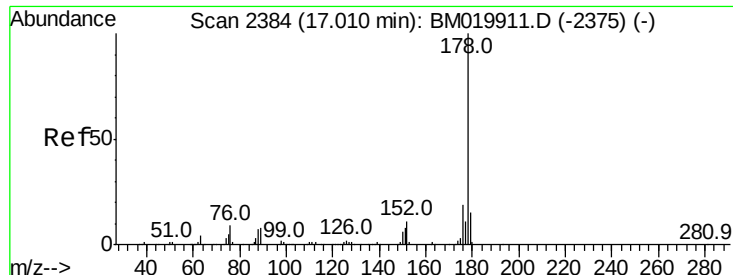


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

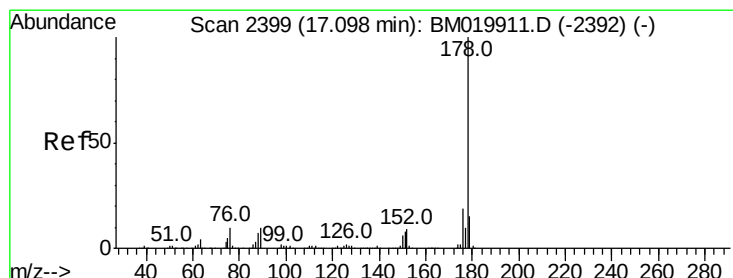
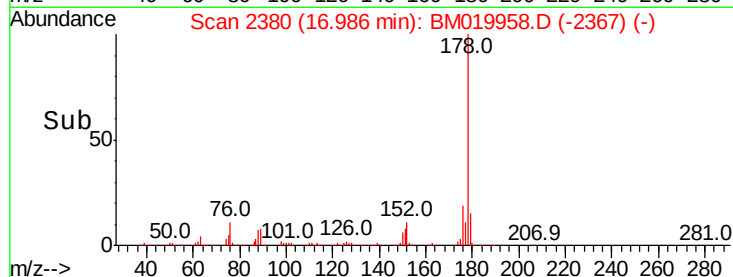
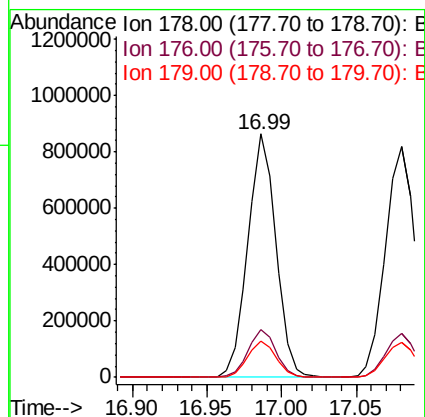
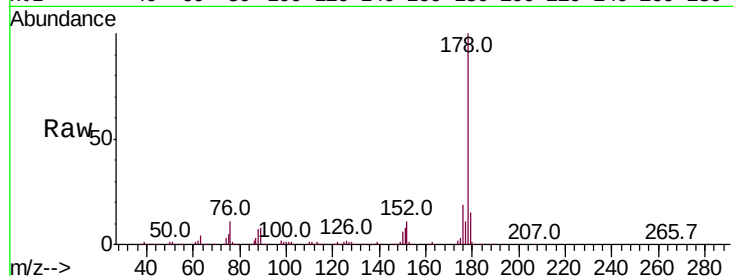




#71
Phenanthrene
Concen: 40.751 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

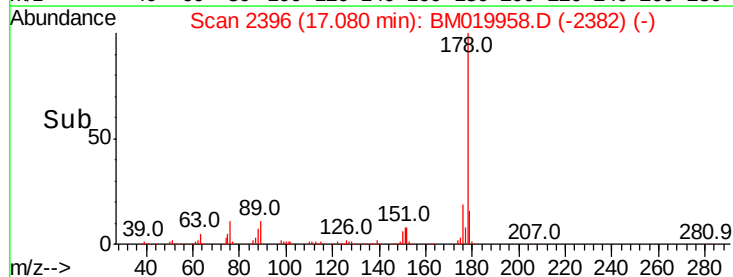
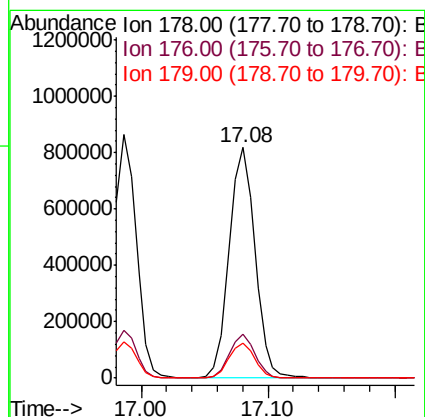
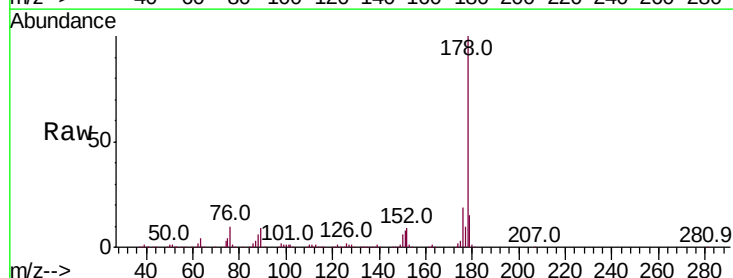
Instrument :
BNA_M
ClientSampleId :

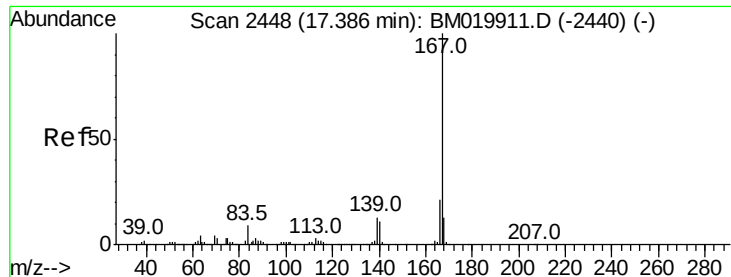
Tot Ion:178 Resp: 1123770
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 14.9 12.2 18.4



#72
Anthracene
Concen: 41.856 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:178 Resp: 1148958
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.4 12.2 18.4



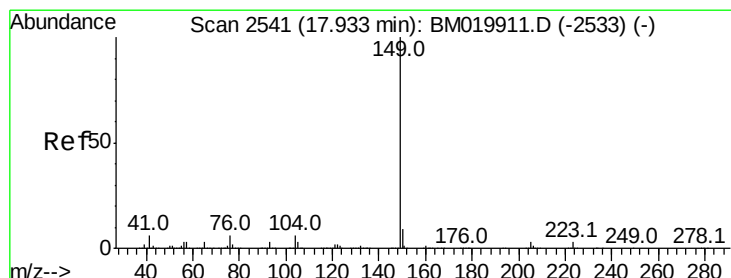
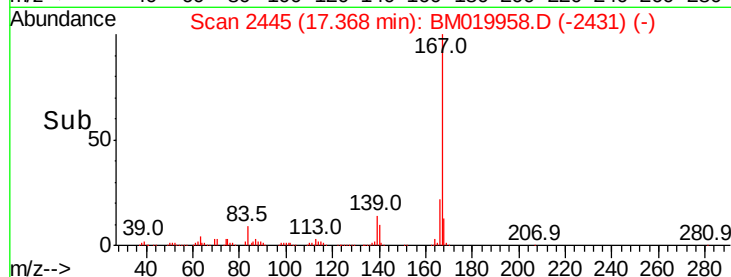
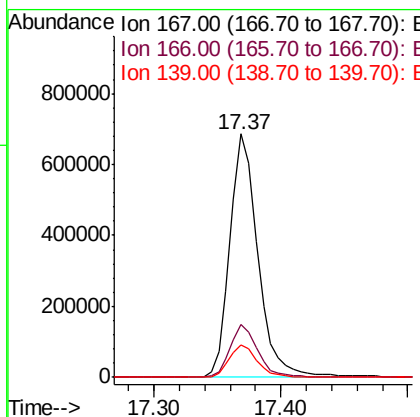
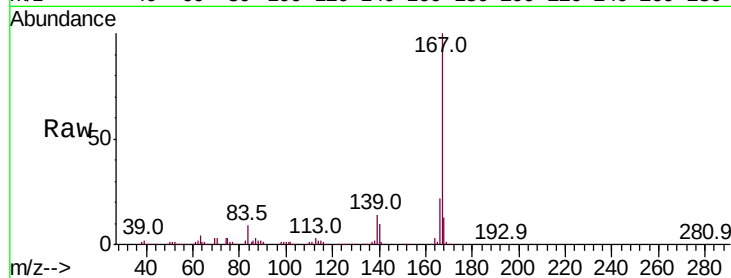


#73
 Carbazole
 Concen: 40.927 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1048928

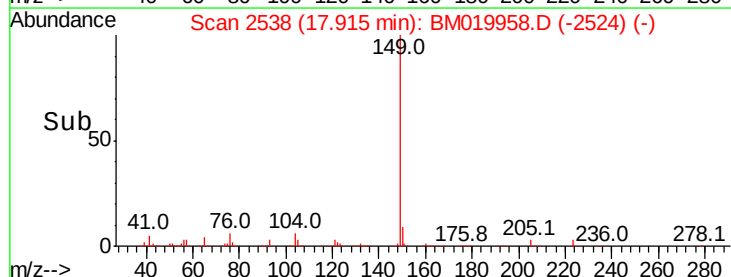
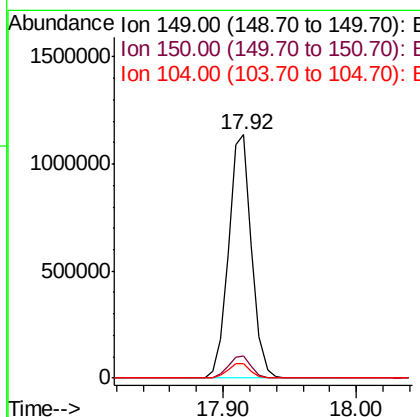
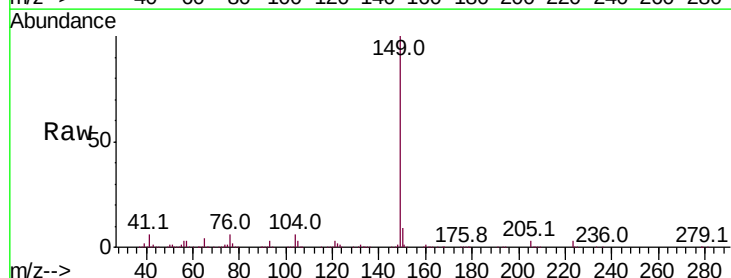
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.5	10.7	16.1

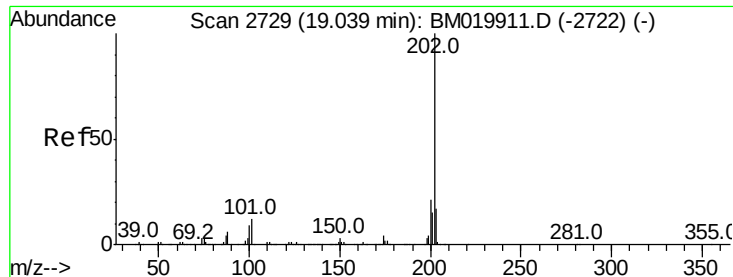


#74
 Di-n-butylphthalate
 Concen: 40.860 ng
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BM019958.D
 Acq: 18 Apr 2019 17:53

Tgt Ion:149 Resp: 1375272

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	5.8	4.6	7.0





#75

Fluoranthene

Concen: 41.224 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampled :

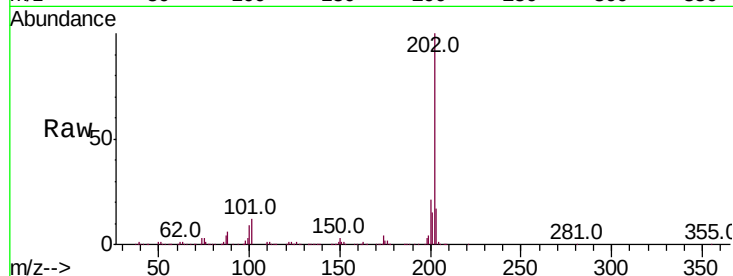
Tot Ion:202 Resp: 1308272

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.7

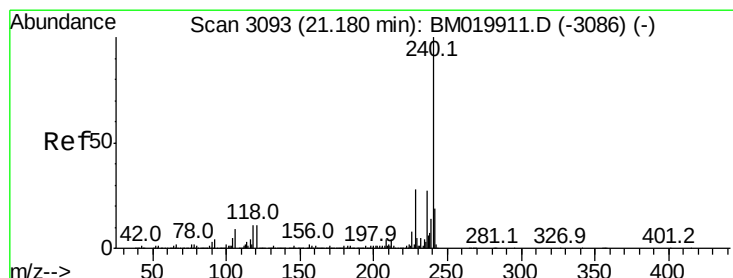
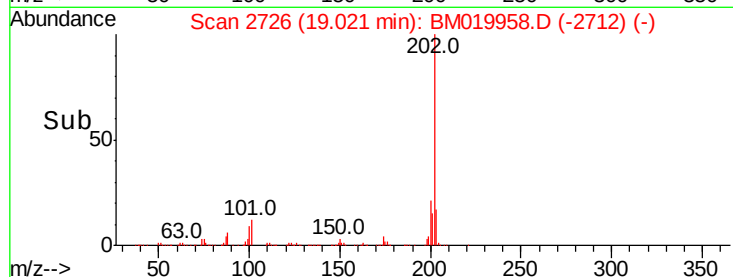
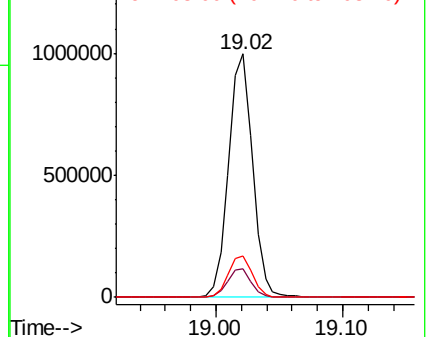
203 17.0 0.0 37.4



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: 21.16 min Scan# 3090

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

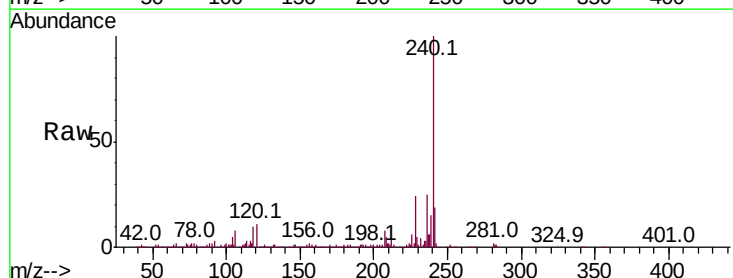
Tgt Ion:240 Resp: 525073

Ion Ratio Lower Upper

240 100

120 10.7 8.6 13.0

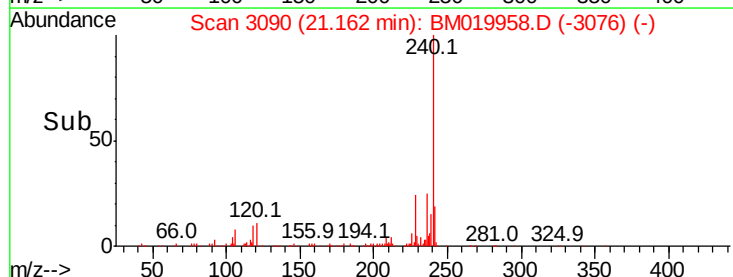
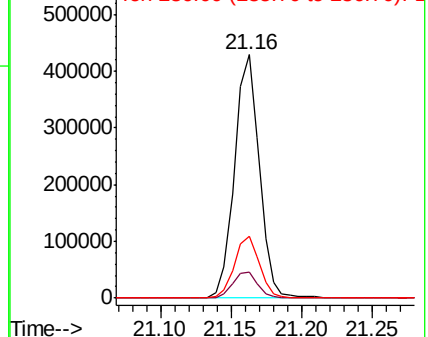
236 25.4 21.4 32.2

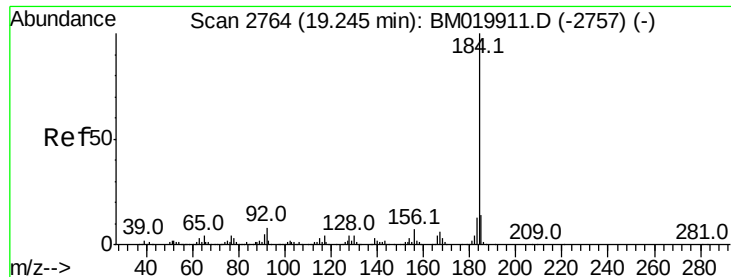


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

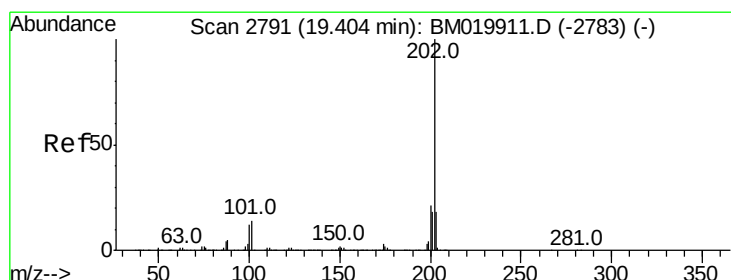
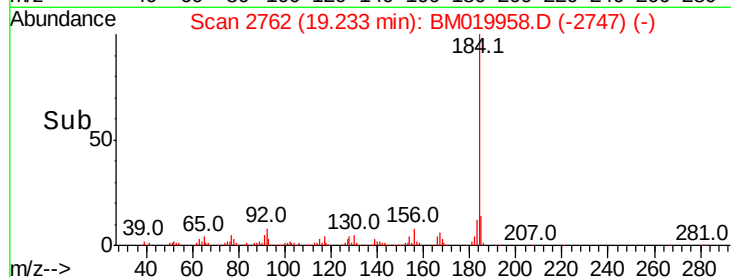
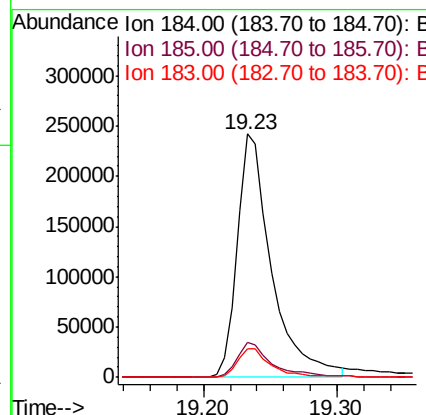
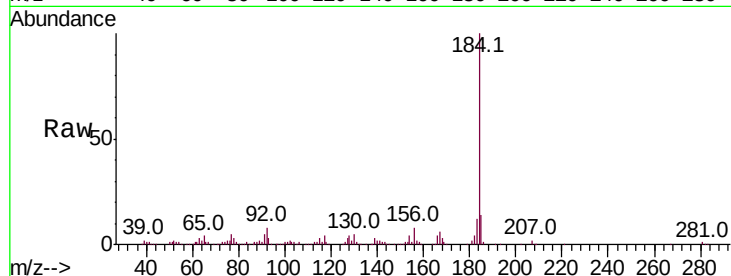




#77
Benzidine
Concen: 29.881 ng
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

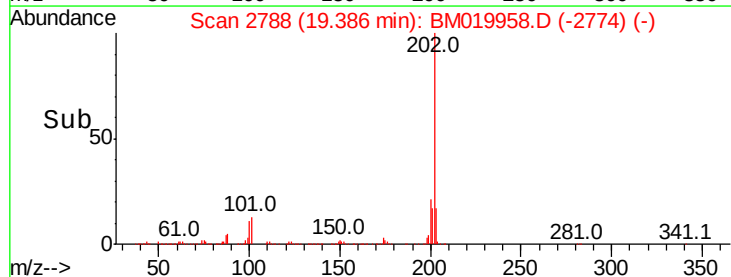
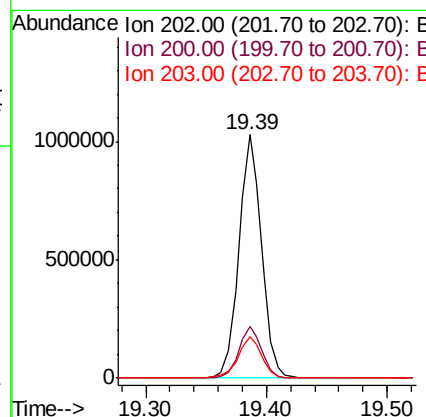
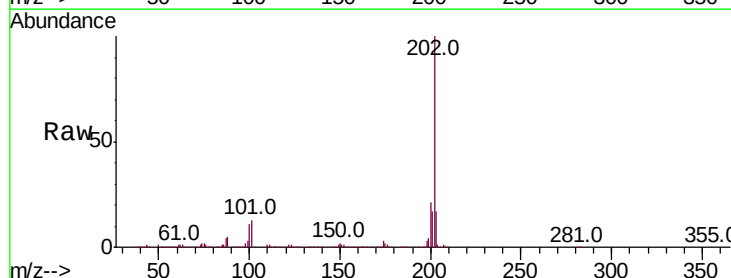
Instrument :
BNA_M
ClientSampleId :

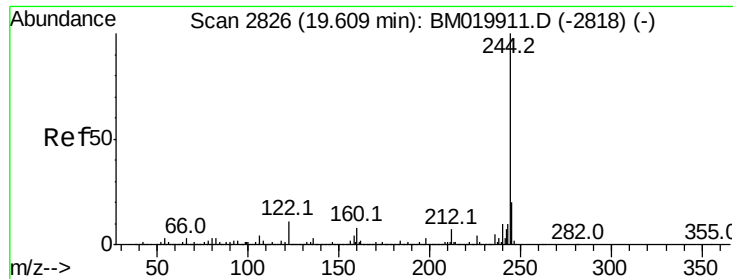
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.0	16.6
183	11.7	10.1	15.1



#78
Pyrene
Concen: 38.612 ng
RT: 19.39 min Scan# 2788
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.1	14.0	21.0





#79

Terphenyl-d14

Concen: 68.322 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampled :

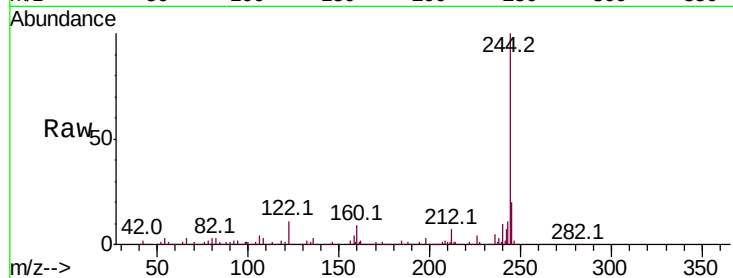
Tot Ion:244 Resp: 2033883

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

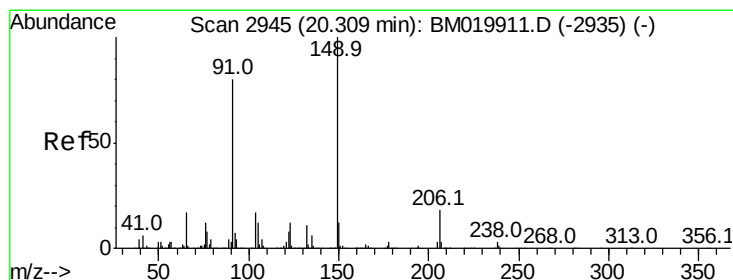
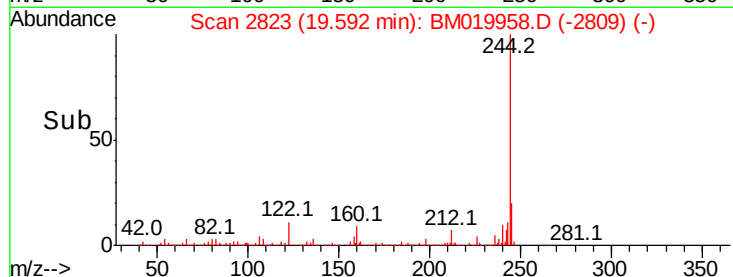
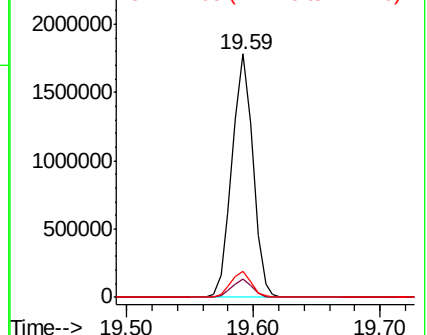
122 10.6 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.219 ng

RT: 20.29 min Scan# 2942

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

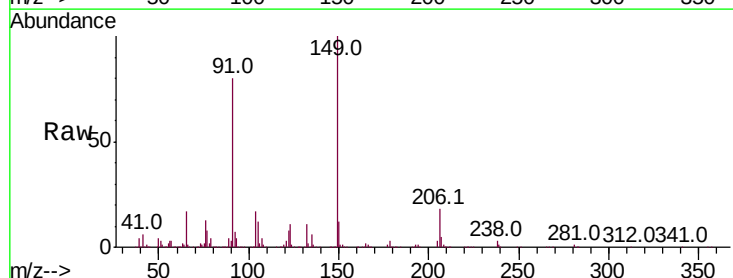
Tgt Ion:149 Resp: 661154

Ion Ratio Lower Upper

149 100

91 79.8 63.7 95.5

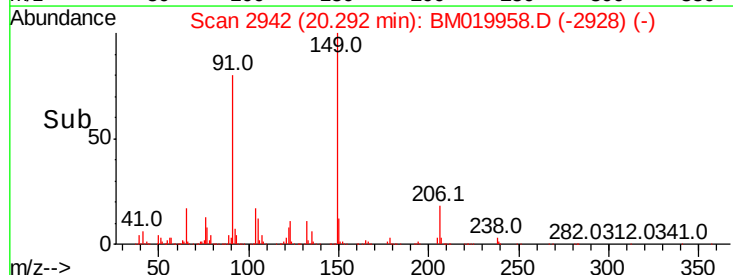
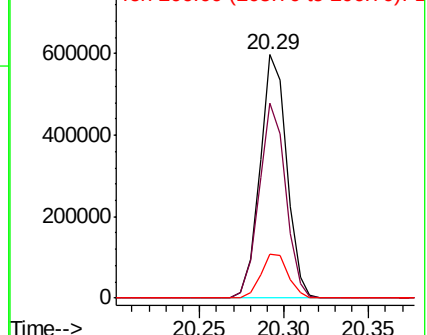
206 18.0 14.6 21.8

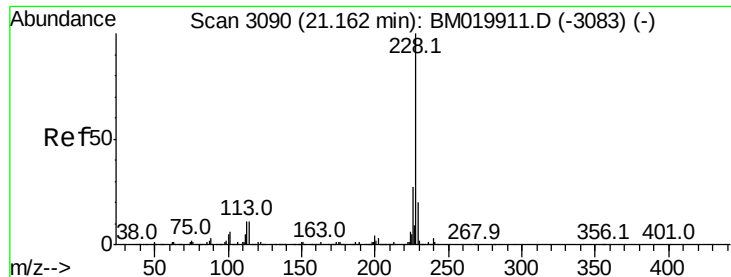


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.320 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

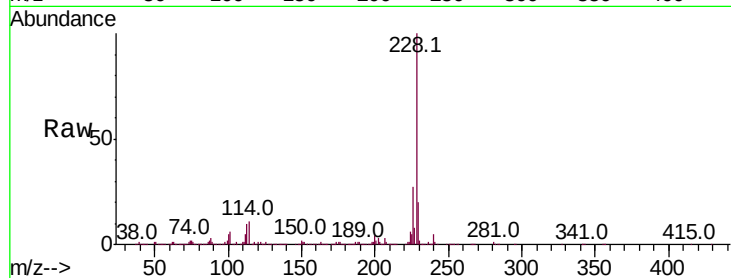
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1307872

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.8	15.9	23.9

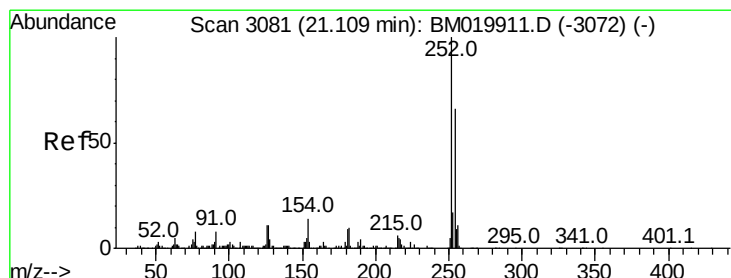
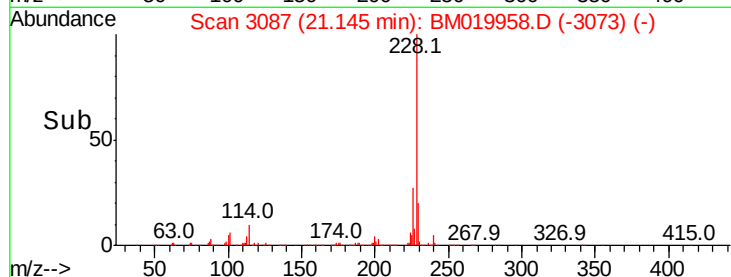
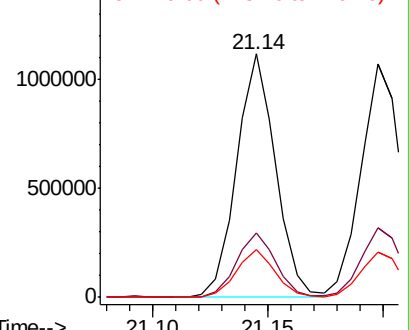


Abundance

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: 33.750 ng

RT: 21.09 min Scan# 3078

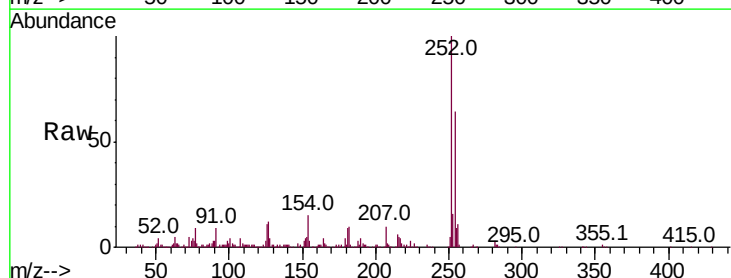
Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:252 Resp: 417663

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	78.8
126	10.7	8.6	12.8

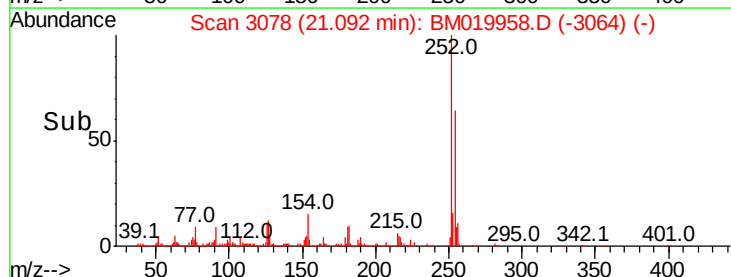
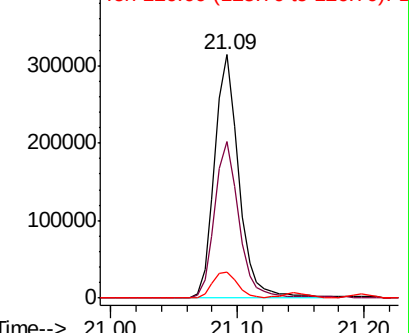


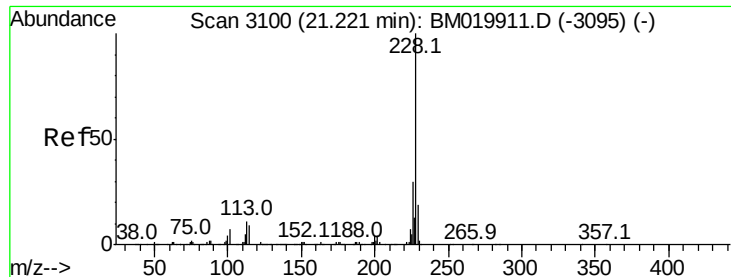
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.214 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

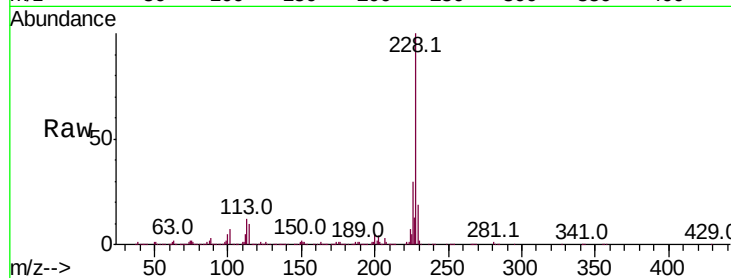
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1282775

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.5	15.6	23.4

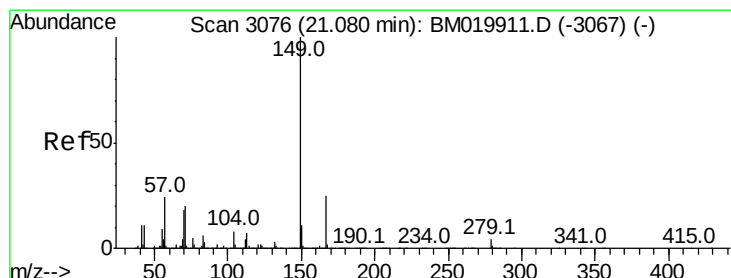
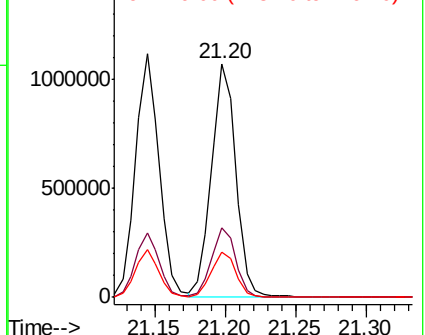
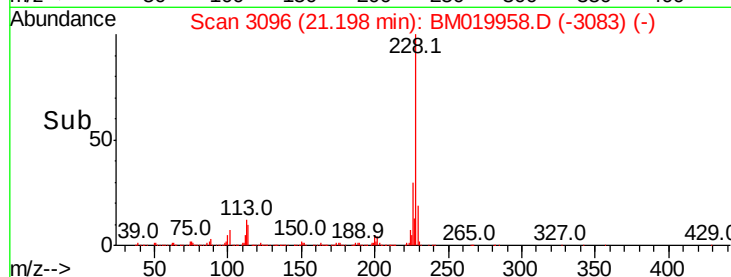


Abundance

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: 39.137 ng

RT: 21.06 min Scan# 3073

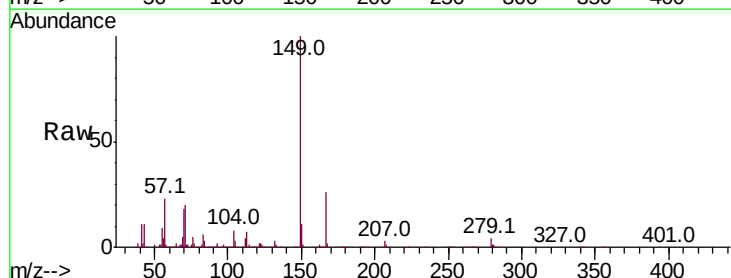
Delta R.T. -0.02 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:149 Resp: 982232

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.3	30.5
279	4.2	3.4	5.2

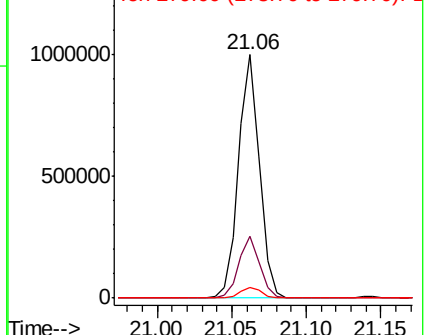
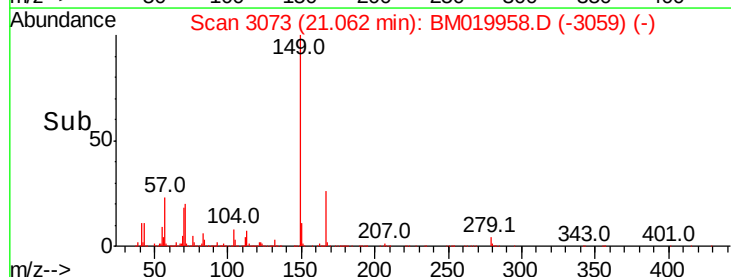


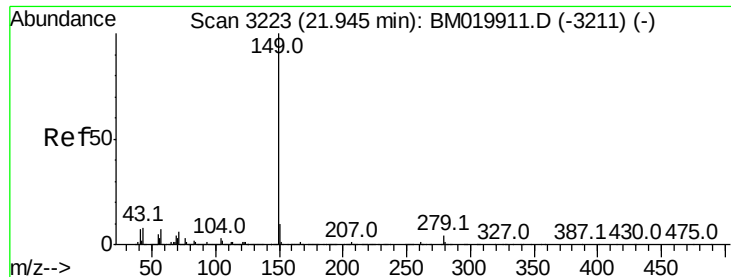
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

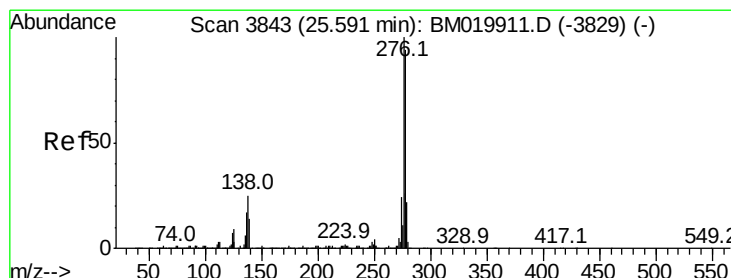
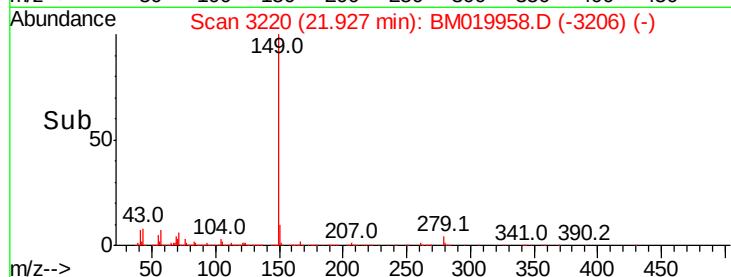
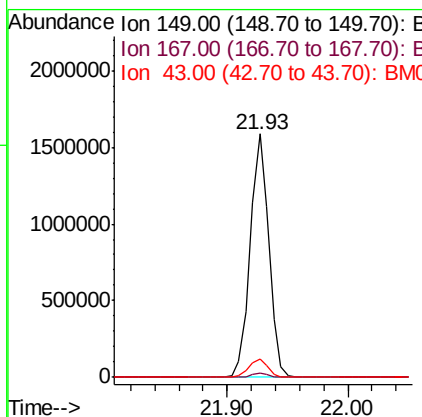
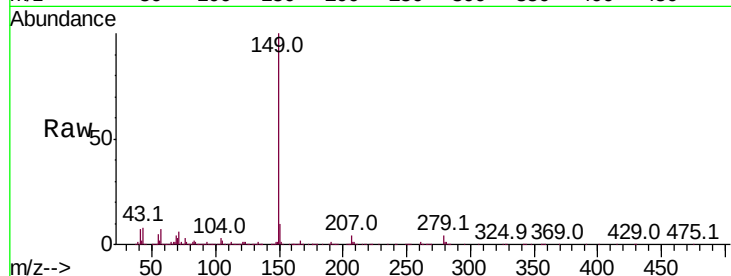




#85
Di-n-octyl phthalate
Concen: 41.990 ng
RT: 21.93 min Scan# 3220
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

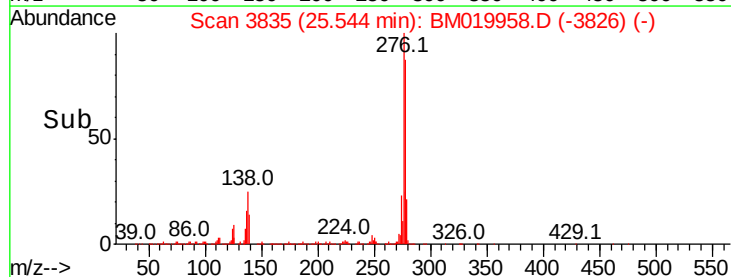
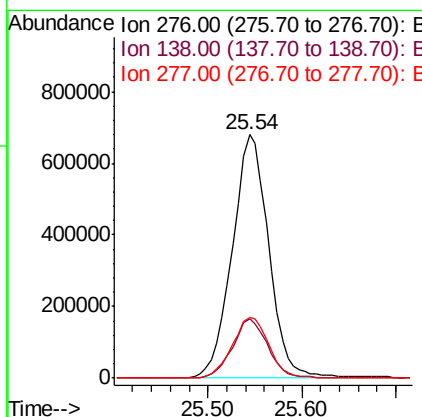
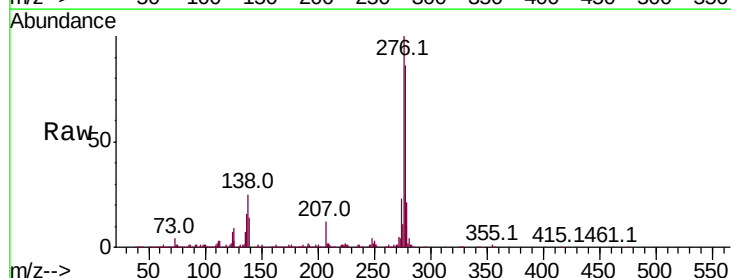
Instrument :
BNA_M
ClientSampleId :

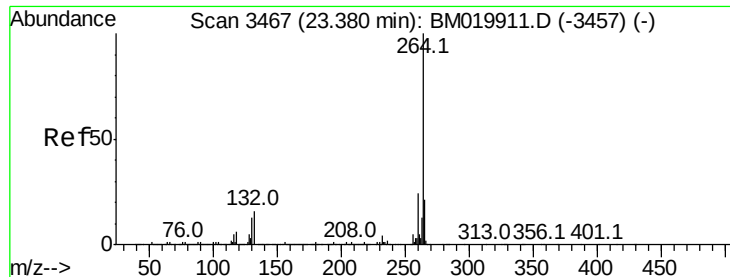
Tot Ion:149 Resp: 1709957
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.0 9.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 58.014 ng
RT: 25.54 min Scan# 3835
Delta R.T. -0.05 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:276 Resp: 1820441
Ion Ratio Lower Upper
276 100
138 23.7 19.0 28.6
277 25.2 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.35 min Scan# 3462

Delta R.T. -0.03 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

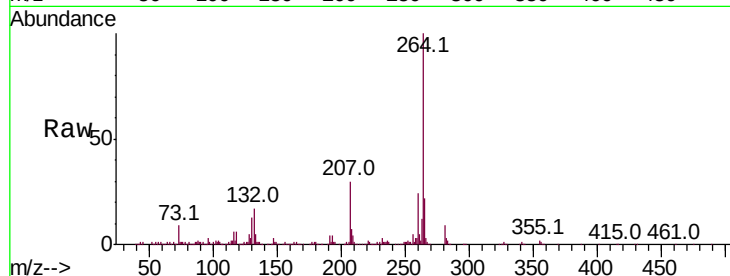
Tot Ion:264 Resp: 498910

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

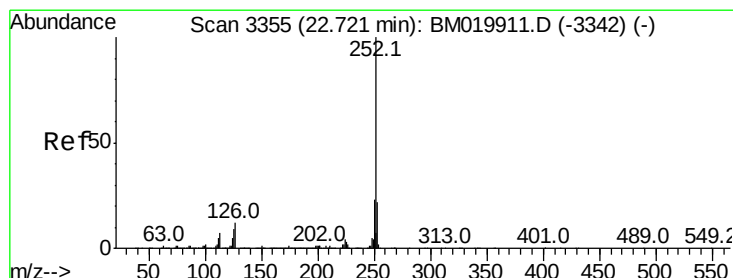
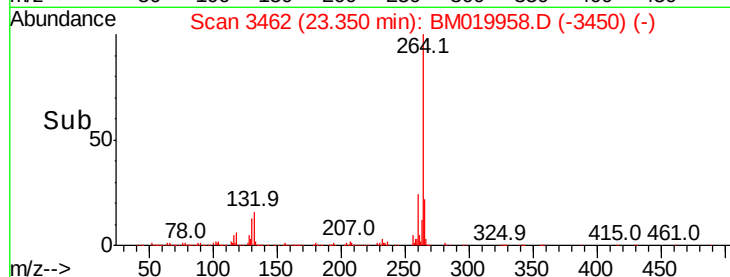
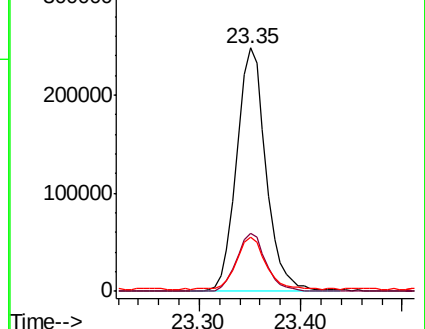
265 22.4 17.2 25.8



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: 44.213 ng

RT: 22.69 min Scan# 3350

Delta R.T. -0.03 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

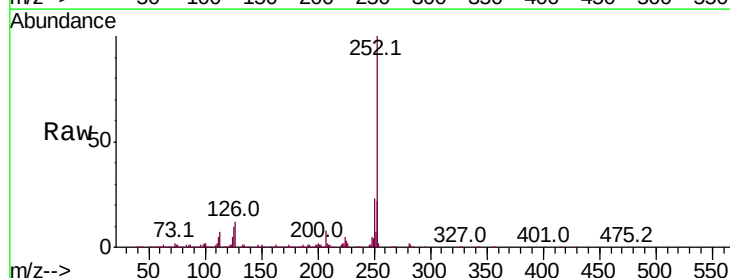
Tgt Ion:252 Resp: 1464715

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

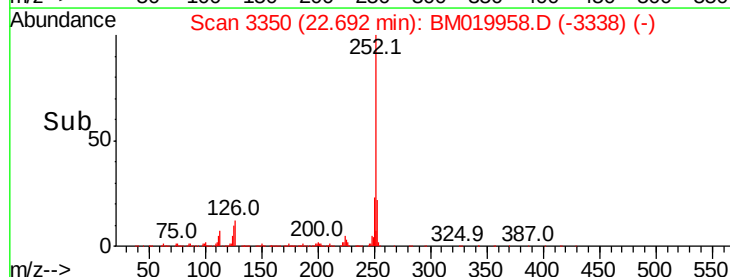
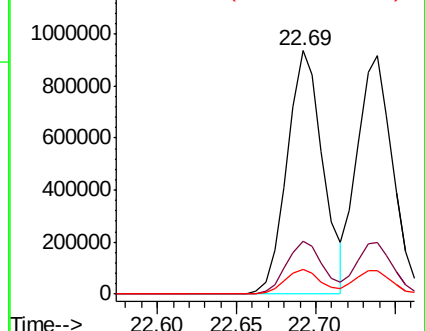
125 10.3 7.6 11.4

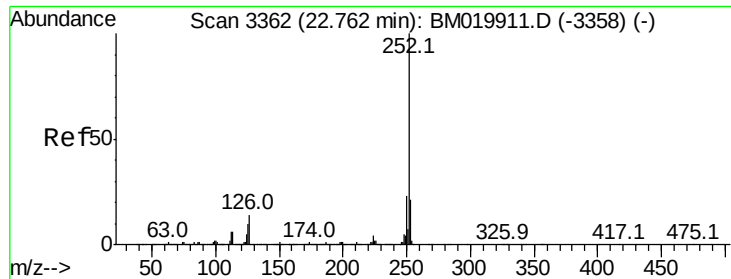


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

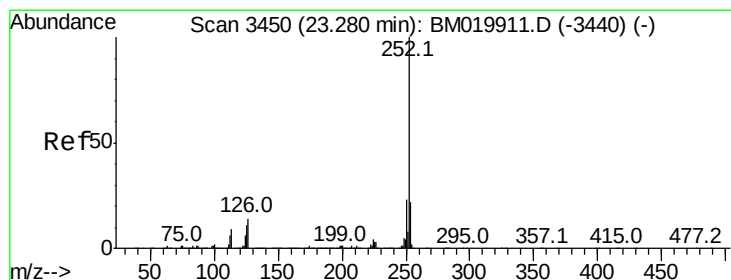
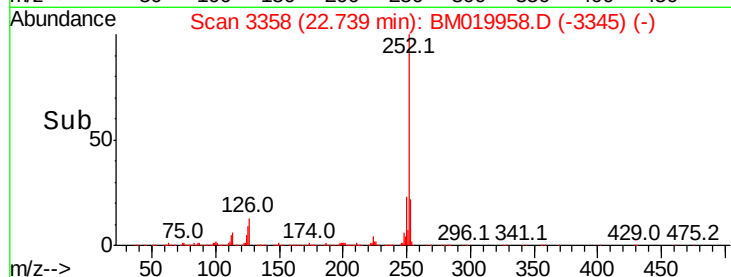
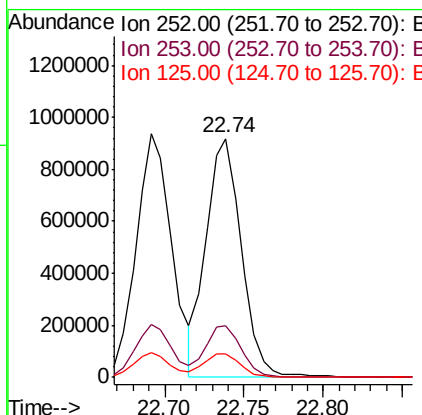
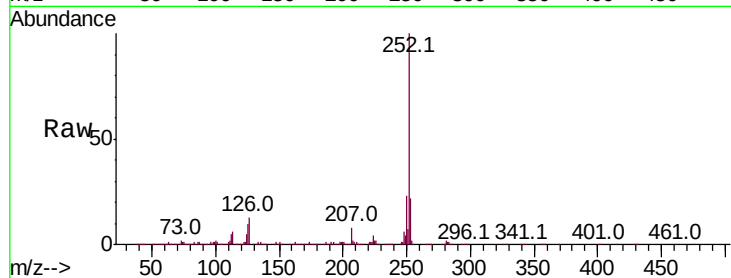




#89
Benzo(k)fluoranthene
Concen: 45.433 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

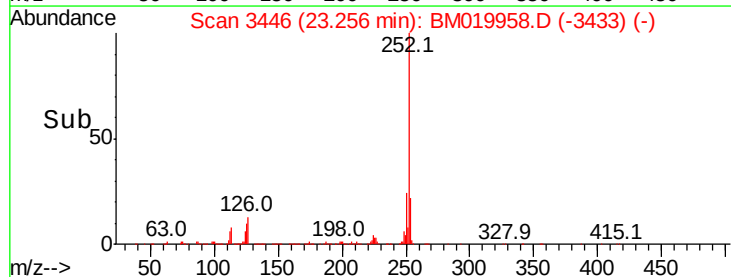
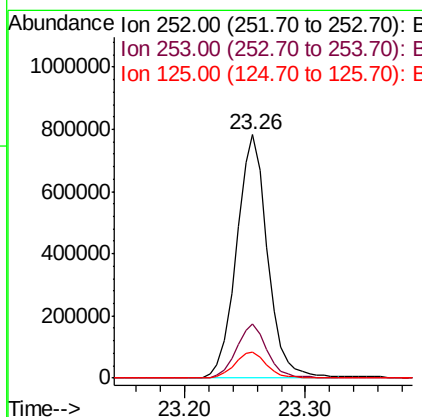
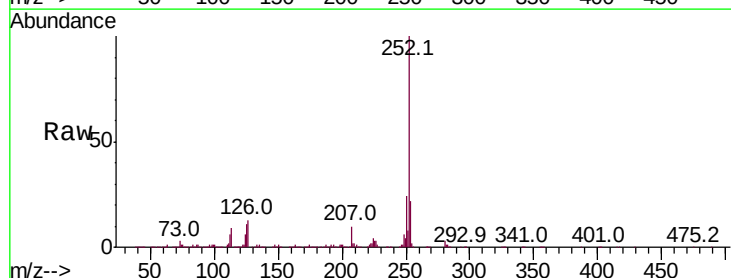
Instrument :
BNA_M
ClientSampleId :

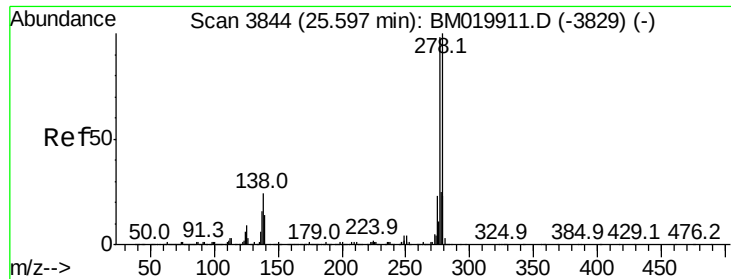
Tot Ion:252 Resp: 1416979
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 47.605 ng
RT: 23.26 min Scan# 3446
Delta R.T. -0.02 min
Lab File: BM019958.D
Acq: 18 Apr 2019 17:53

Tgt Ion:252 Resp: 1397386
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.6 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 55.193 ng

RT: 25.55 min Scan# 3836

Delta R.T. -0.05 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

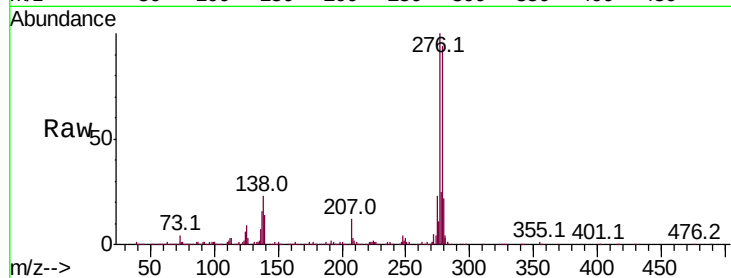
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1561999

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.6	17.4
279	23.8	18.4	27.6



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

800000

600000

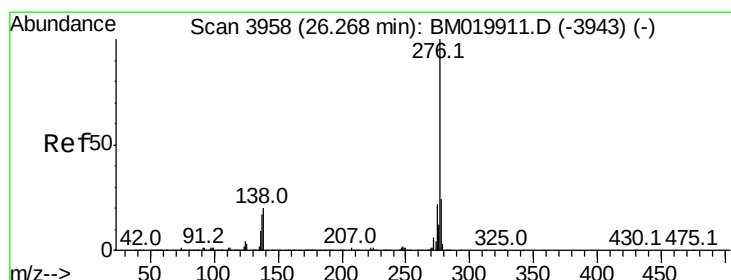
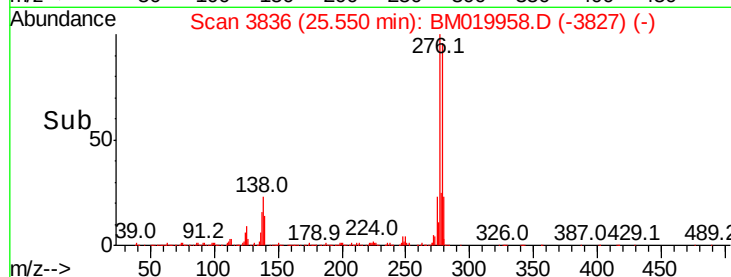
400000

200000

0

25.55

Time-->



#92

Benzo(g,h,i)perylene

Concen: 57.749 ng

RT: 26.22 min Scan# 3950

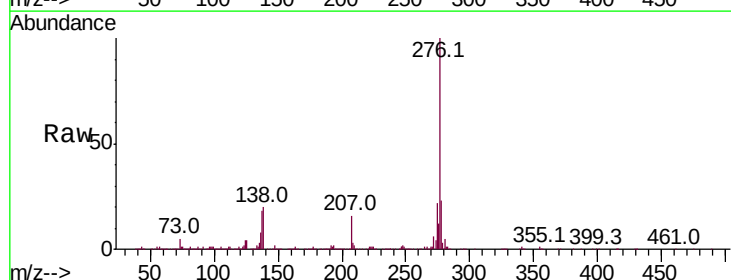
Delta R.T. -0.05 min

Lab File: BM019958.D

Acq: 18 Apr 2019 17:53

Tgt Ion:276 Resp: 1480275

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	20.3	16.2	24.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

600000

500000

400000

300000

200000

100000

0

26.22

Time-->

