

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019956.D
 Acq On : 18 Apr 2019 16:40
 Operator : JU/SJ
 Sample : PB118968BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:41:02 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	82626	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	323045	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	172876	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	367005	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	408631	20.00	ng	-0.02
87) Perylene-d12	23.35	264	415475	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	395168	77.51	ng	-0.02
7) Phenol-d6	6.70	99	545962	71.15	ng	-0.02
23) Nitrobenzene-d5	8.69	82	578459	80.08	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	204072	73.33	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1109137	79.96	ng	-0.02
79) Terphenyl-d14	19.59	244	1855009	80.07	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	98003	44.545	ng	98
3) Pyridine	3.50	79	253596	41.158	ng	99
4) n-Nitrosodimethylamine	3.43	42	81115	40.867	ng	94
6) Aniline	6.86	93	353556	35.676	ng	99
8) 2-Chlorophenol	7.08	128	235048	37.068	ng	99
9) Benzaldehyde	6.69	77	175995	38.537	ng	99
10) Phenol	6.73	94	305029	36.386	ng	97
11) bis(2-Chloroethyl)ether	6.96	93	224348	36.577	ng	98
12) 1,3-Dichlorobenzene	7.39	146	261748	39.319	ng	98
13) 1,4-Dichlorobenzene	7.55	146	269209	39.858	ng	99
14) 1,2-Dichlorobenzene	7.86	146	258929	38.663	ng	99
15) Benzyl Alcohol	7.77	79	238538	34.197	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.03	45	204022	34.893	ng	99
17) 2-Methylphenol	7.97	107	197297	35.560	ng	99
18) Hexachloroethane	8.56	117	101531	38.672	ng	96
19) n-Nitroso-di-n-propylamine	8.32	70	213098	31.595	ng	98
20) 3+4-Methylphenols	8.30	107	262168	34.397	ng	99
22) Acetophenone	8.35	105	374611	42.575	ng	# 99
24) Nitrobenzene	8.73	77	314587	42.040	ng	98
25) Isophorone	9.24	82	532718	37.885	ng	99
26) 2-Nitrophenol	9.43	139	125084	39.225	ng	98
27) 2,4-Dimethylphenol	9.49	122	178640	39.620	ng	98
28) bis(2-Chloroethoxy)methane	9.73	93	297847	37.827	ng	99
29) 2,4-Dichlorophenol	9.96	162	203279	39.697	ng	98
30) 1,2,4-Trichlorobenzene	10.15	180	234416	42.532	ng	99
31) Naphthalene	10.34	128	722814	41.715	ng	99
32) Benzoic acid	9.67	122	125789	31.559	ng	99
33) 4-Chloroaniline	10.49	127	272077	38.116	ng	99
34) Hexachlorobutadiene	10.59	225	134627	41.416	ng	99
35) Caprolactam	11.34	113	57096	29.456	ng	95
36) 4-Chloro-3-methylphenol	11.62	107	231190	36.335	ng	99
37) 2-Methylnaphthalene	11.96	142	499325	39.582	ng	99
38) 1-Methylnaphthalene	12.19	142	476413	38.249	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	232386	43.574	ng	100

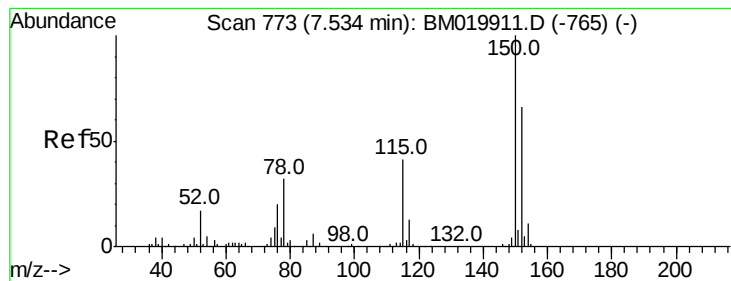
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019956.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	147277	78.292	ng	98
43) 2,4,6-Trichlorophenol	12.60	196	149716	41.407	ng	97
44) 2,4,5-Trichlorophenol	12.69	196	152104	40.419	ng	97
46) 1,1'-Biphenyl	13.00	154	619513	41.375	ng	99
47) 2-Chloronaphthalene	13.05	162	486405	42.588	ng	100
48) 2-Nitroaniline	13.29	65	164119	39.866	ng	99
49) Acenaphthylene	13.90	152	771534	38.825	ng	99
50) Dimethylphthalate	13.65	163	608417	39.900	ng	100
51) 2,6-Dinitrotoluene	13.79	165	131387	38.965	ng	88
52) Acenaphthene	14.24	154	445253	40.410	ng	98
53) 3-Nitroaniline	14.13	138	130810	38.851	ng	99
54) 2,4-Dinitrophenol	14.36	184	137384	69.330	ng	97
55) Dibenzofuran	14.58	168	730166	40.525	ng	98
56) 4-Nitrophenol	14.47	139	168679	64.700	ng	94
57) 2,4-Dinitrotoluene	14.60	165	185518	38.275	ng	97
58) Fluorene	15.24	166	589964	38.643	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	129601	37.744	ng	98
60) Diethylphthalate	15.02	149	631227	39.802	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	286978	39.041	ng	95
62) 4-Nitroaniline	15.32	138	120946	36.459	ng	95
63) Azobenzene	15.53	77	678490	40.028	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	94379	40.305	ng	94
66) n-Nitrosodiphenylamine	15.46	169	497085	41.429	ng	100
67) 4-Bromophenyl-phenylether	16.13	248	169051	40.064	ng	97
68) Hexachlorobenzene	16.24	284	206998	40.885	ng	98
69) Atrazine	16.43	200	48197	11.833	ng	96
70) Pentachlorophenol	16.60	266	191849	74.162	ng	98
71) Phenanthrene	16.99	178	896359	41.157	ng	100
72) Anthracene	17.08	178	885265	40.834	ng	100
73) Carbazole	17.37	167	810654	40.050	ng	99
74) Di-n-butylphthalate	17.91	149	1062915	39.986	ng	99
75) Fluoranthene	19.02	202	1022484	40.795	ng	99
77) Benzidine	19.24	184	627542	55.659	ng	100
78) Pyrene	19.39	202	1059282	39.145	ng	99
80) Butylbenzylphthalate	20.29	149	508923	38.791	ng	99
81) Benzo(a)anthracene	21.14	228	1057626	40.858	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	417750	43.376	ng	98
83) Chrysene	21.20	228	1003592	40.427	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	748894	38.342	ng	99
85) Di-n-octyl phthalate	21.93	149	1322975	41.744	ng	100
86) Indeno(1,2,3-cd)pyrene	25.54	276	1486563	60.873	ng	100
88) Benzo(b)fluoranthene	22.69	252	1151943	41.755	ng	99
89) Benzo(k)fluoranthene	22.74	252	1131958	43.583	ng	99
90) Benzo(a)pyrene	23.26	252	1111122	45.455	ng	99
91) Dibenzo(a,h)anthracene	25.55	278	1271053	53.932	ng	99
92) Benzo(g,h,i)perylene	26.21	276	1220817	57.191	ng	100

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

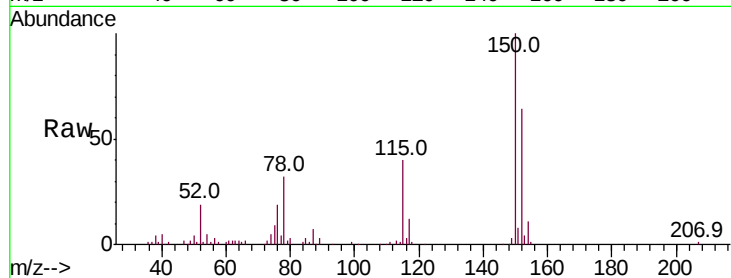


#1

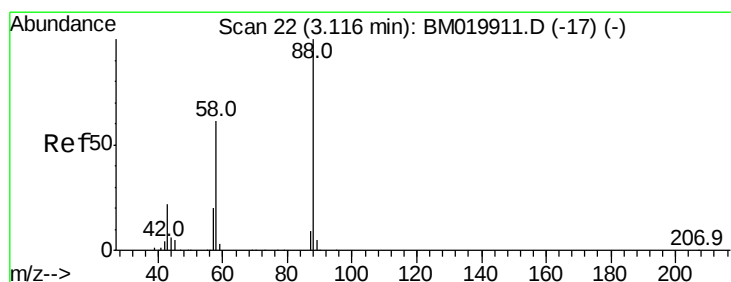
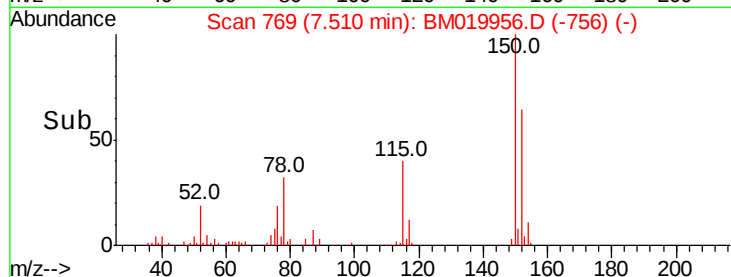
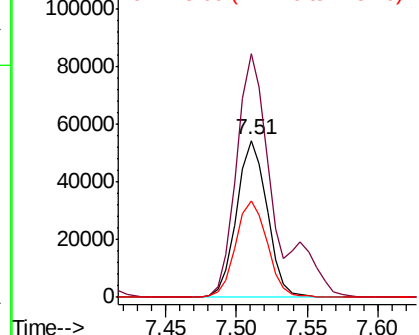
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 82626
Ion Ratio Lower Upper
152 100
150 155.2 122.1 183.1
115 61.6 50.0 75.0



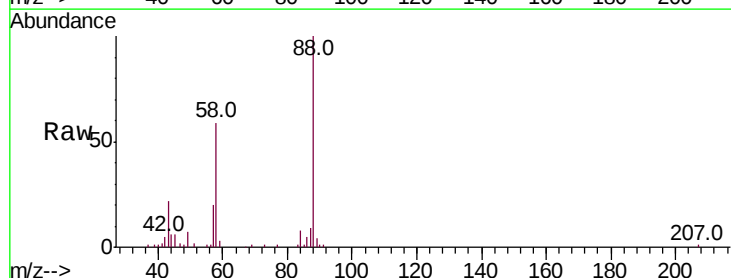
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



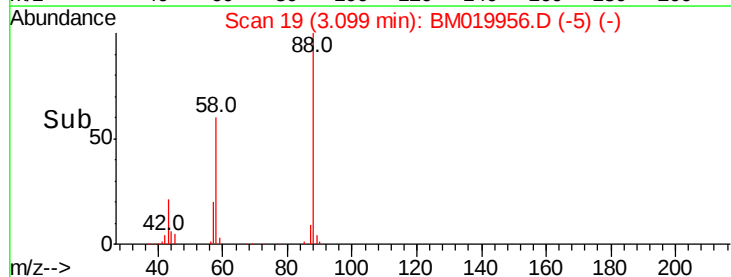
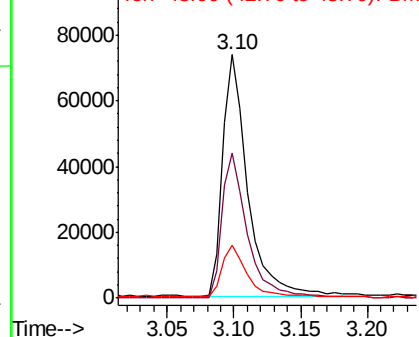
#2

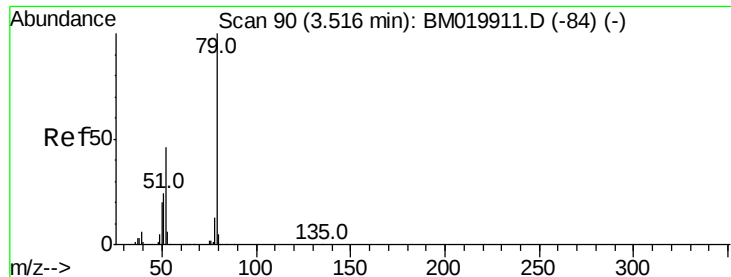
1,4-Dioxane
Concen: 44.545 ng
RT: 3.10 min Scan# 19
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion: 88 Resp: 98003
Ion Ratio Lower Upper
88 100
58 60.9 49.6 74.4
43 20.8 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: 41.158 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

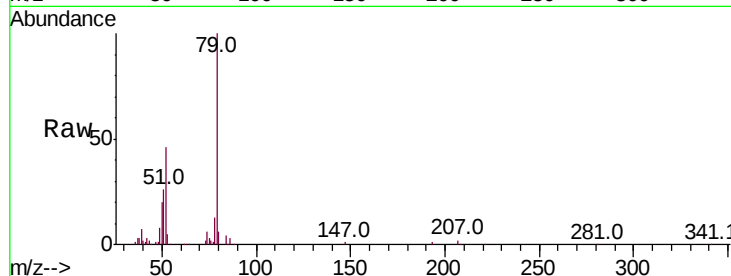
Tot Ion: 79 Resp: 253596

Ion Ratio Lower Upper

79 100

52 45.6 36.9 55.3

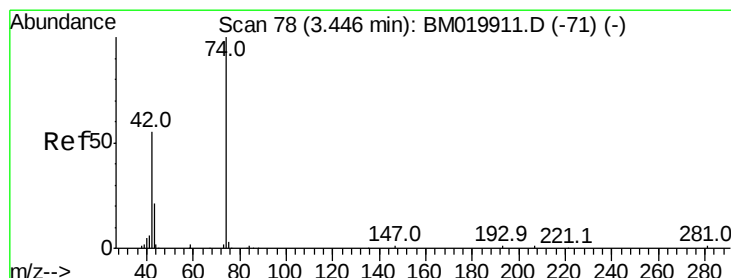
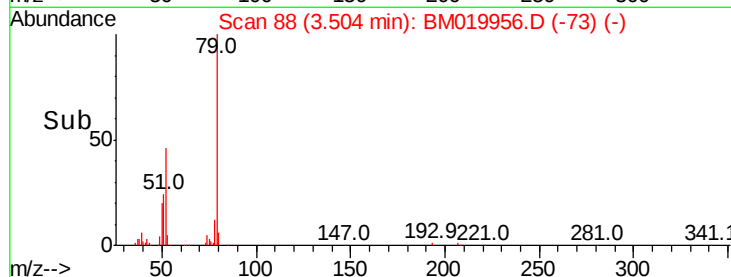
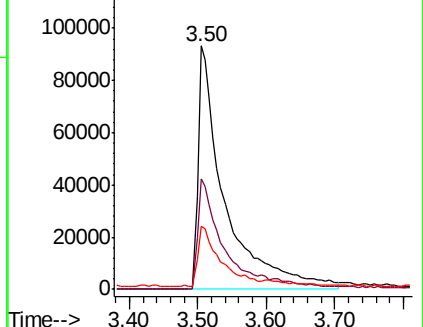
51 26.1 20.0 30.0



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: 40.867 ng

RT: 3.43 min Scan# 75

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

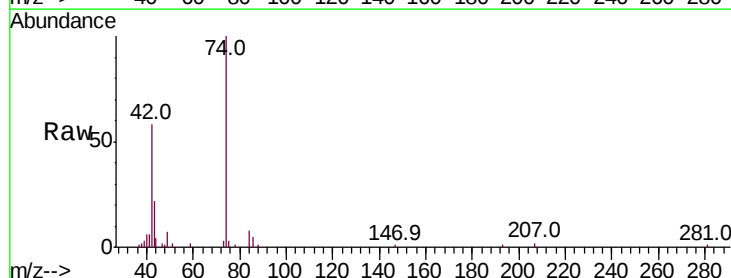
Tgt Ion: 42 Resp: 81115

Ion Ratio Lower Upper

42 100

74 172.2 144.6 217.0

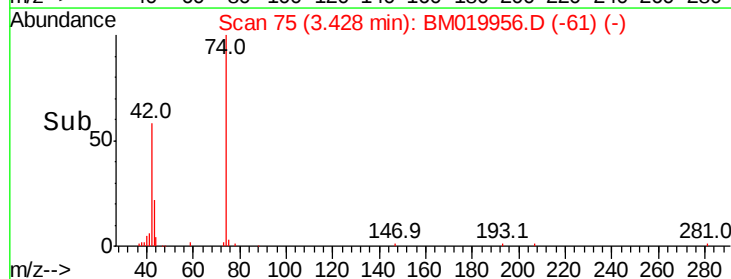
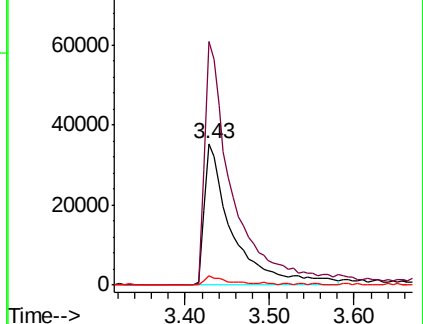
44 6.4 5.4 8.2

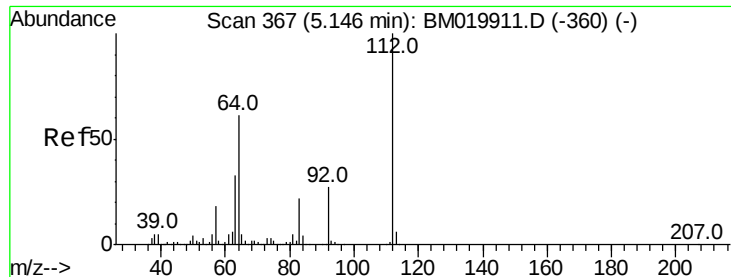


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

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: 77.509 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

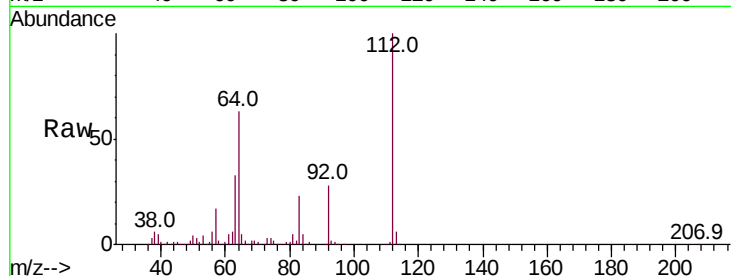
Tot Ion:112 Resp: 395168

Ion Ratio Lower Upper

112 100

64 63.3 49.1 73.7

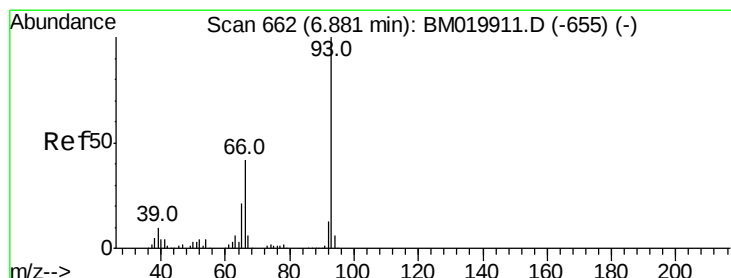
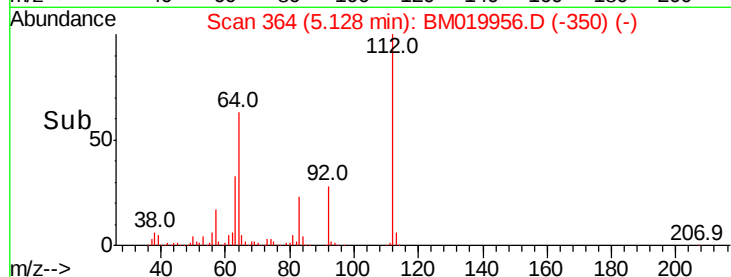
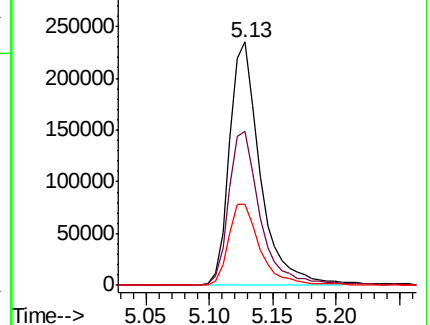
63 33.4 26.5 39.7



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: 35.676 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

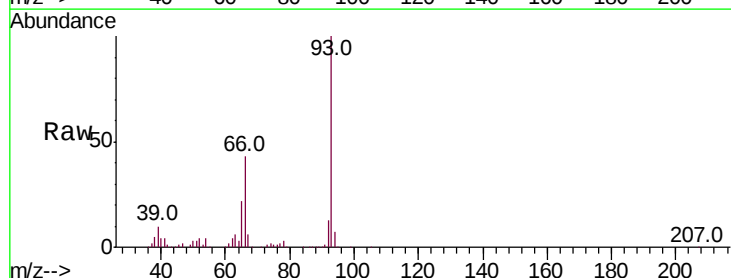
Tgt Ion: 93 Resp: 353556

Ion Ratio Lower Upper

93 100

66 43.2 33.9 50.9

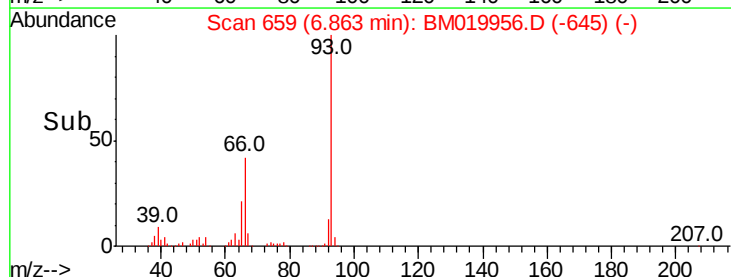
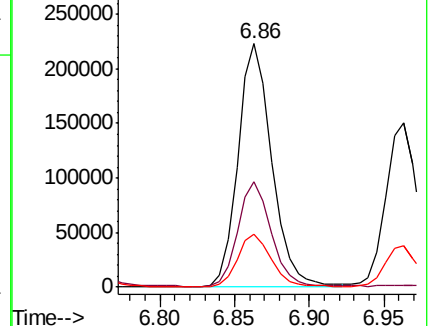
65 21.9 17.0 25.6

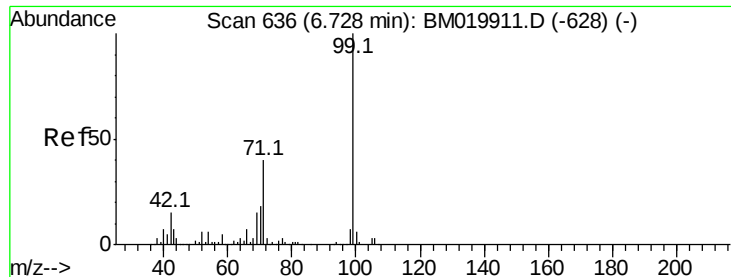


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 71.155 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

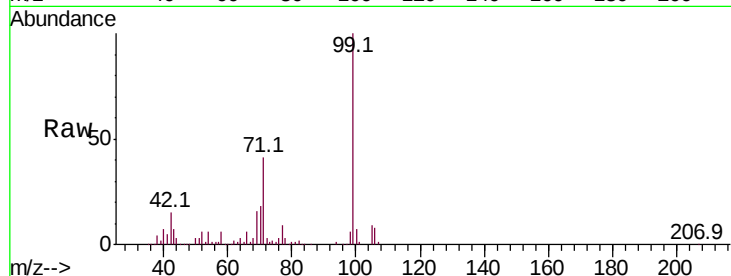
Tot Ion: 99 Resp: 545962

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.8

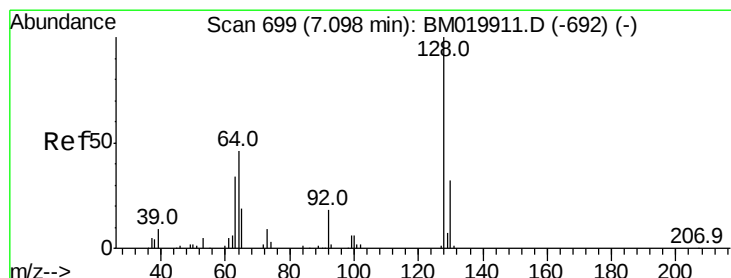
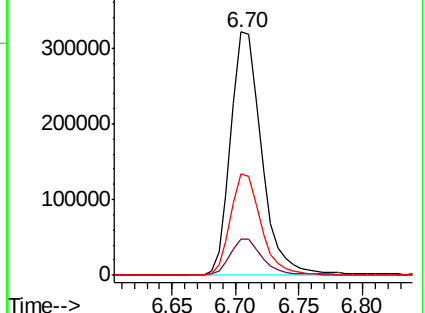
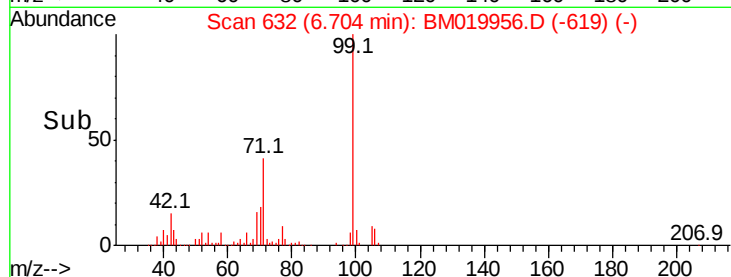
71 41.5 32.0 48.0



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) (-)



#8

2-Chlorophenol

Concen: 37.068 ng

RT: 7.08 min Scan# 696

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

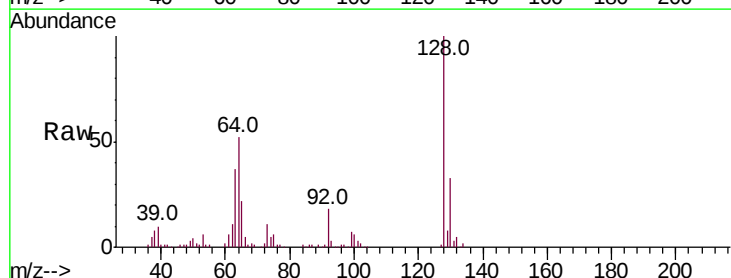
Tgt Ion: 128 Resp: 235048

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

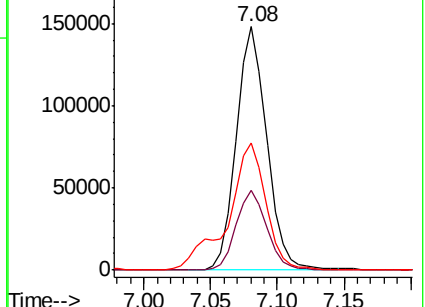
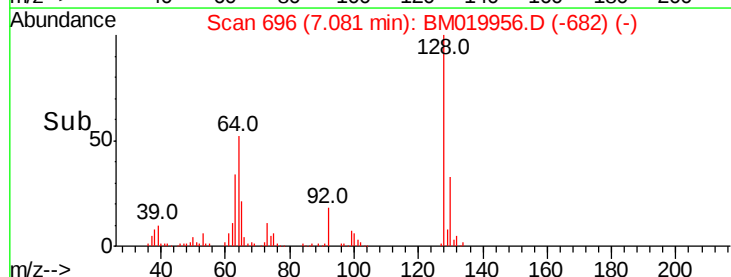
64 52.1 33.0 73.0

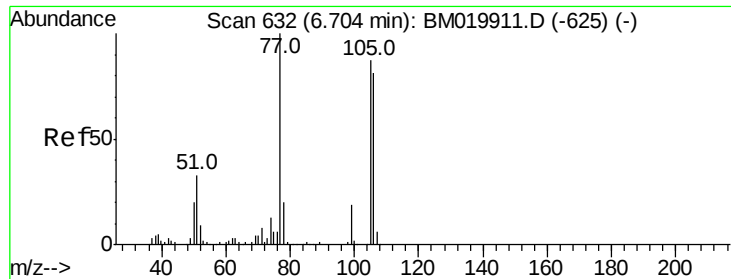


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

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

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





#9

Benzaldehyde

Concen: 38.537 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampled :

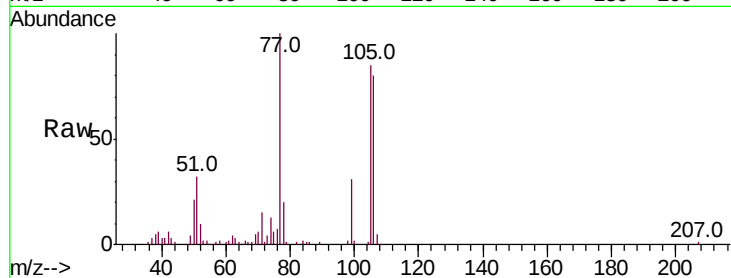
Tot Ion: 77 Resp: 175995

Ion Ratio Lower Upper

77 100

105 85.1 67.3 107.3

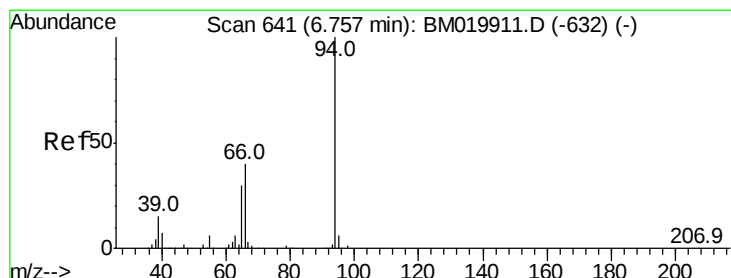
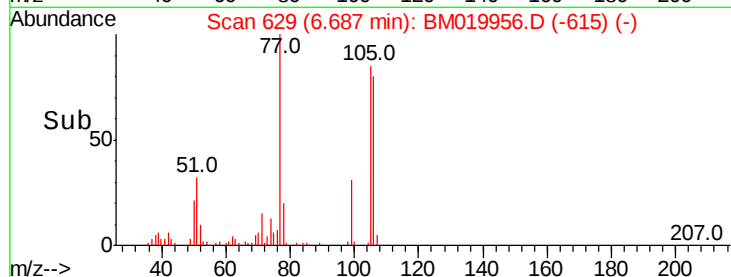
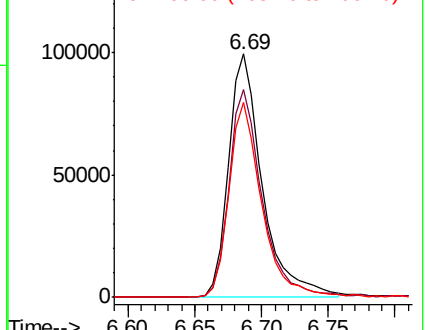
106 80.2 60.6 100.6



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: 36.386 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

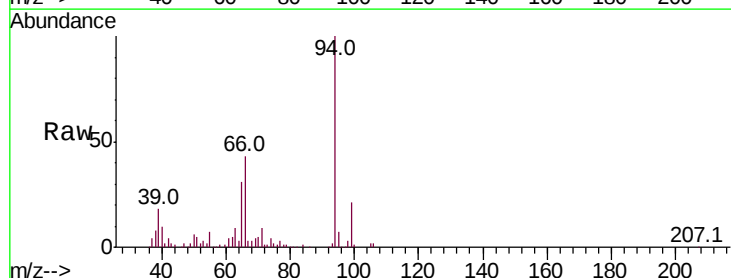
Tgt Ion: 94 Resp: 305029

Ion Ratio Lower Upper

94 100

65 31.0 10.0 50.0

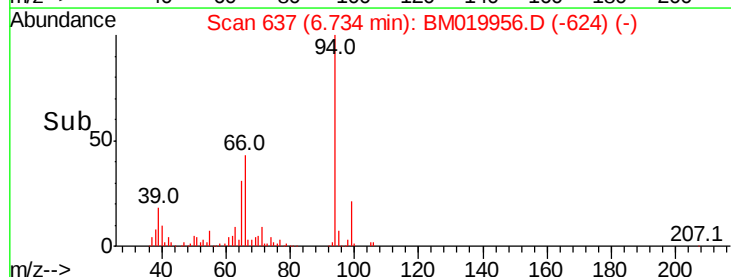
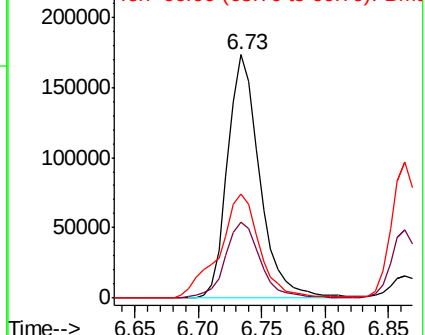
66 42.5 20.2 60.2

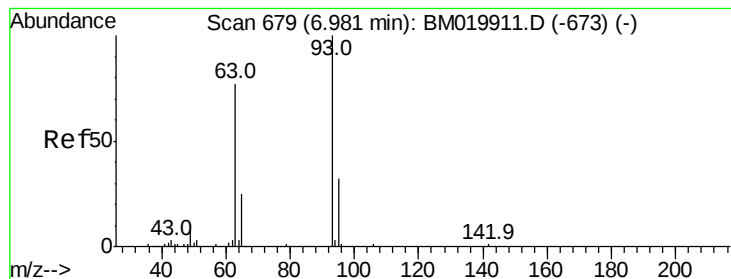


Abundance Ion 94.00 (93.70 to 94.70): BM019911.D (-632) (-)

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

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

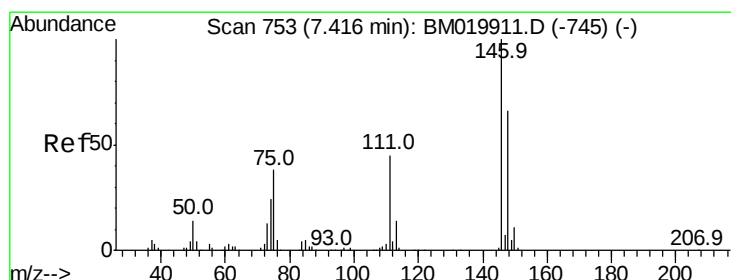
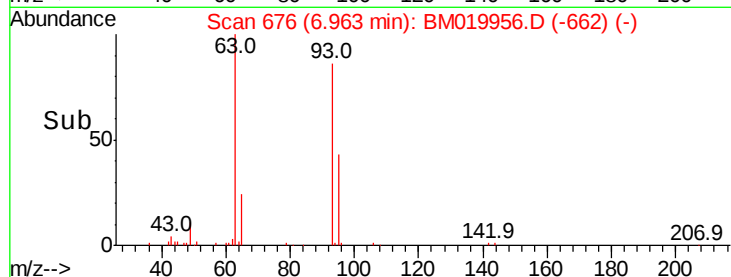
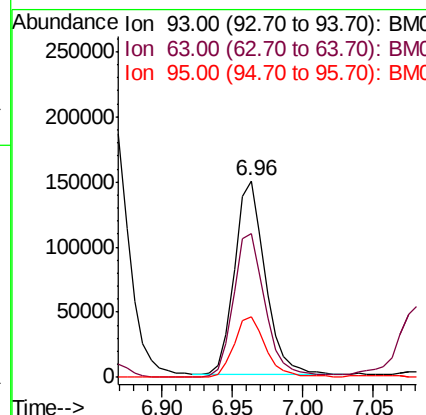
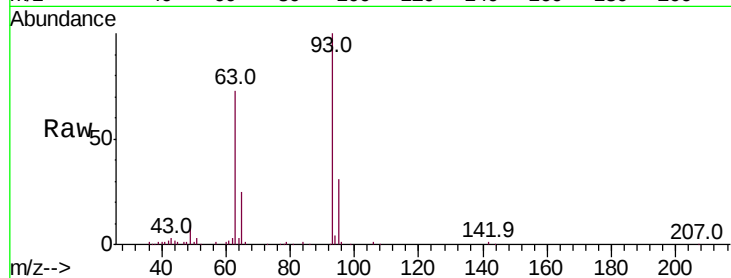




#11
bis(2-Chloroethyl)ether
Concen: 36.577 ng
RT: 6.96 min Scan# 676
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

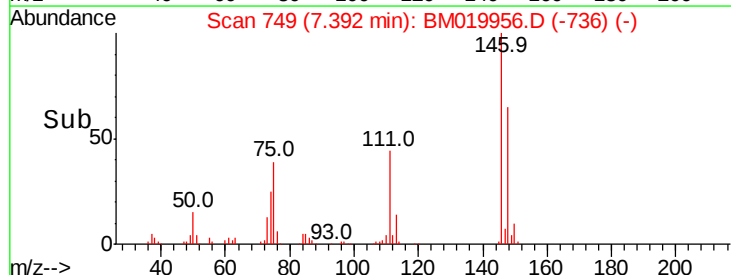
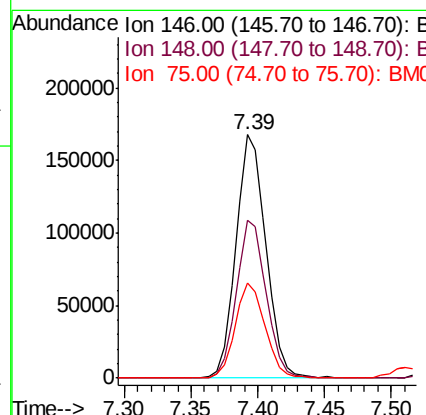
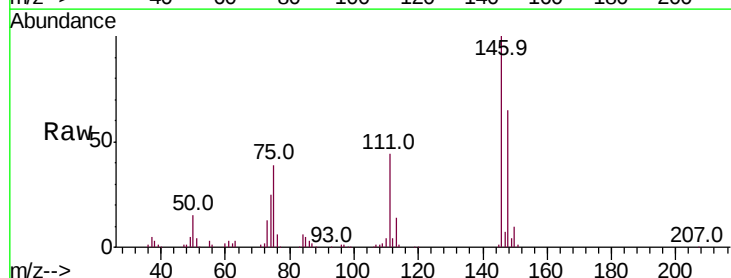
Instrument :
BNA_M
ClientSampled :

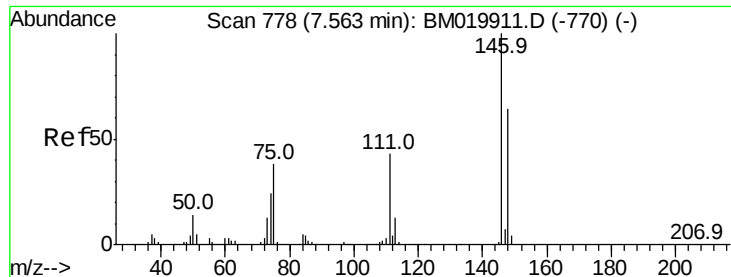
Tot Ion: 93 Resp: 224348
Ion Ratio Lower Upper
93 100
63 73.4 55.8 95.8
95 30.8 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 39.319 ng
RT: 7.39 min Scan# 749
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion: 146 Resp: 261748
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
75 39.0 30.0 45.0

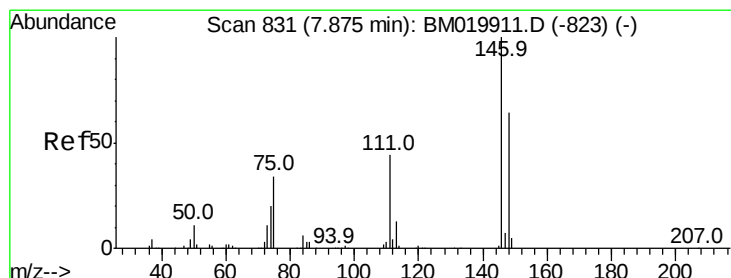
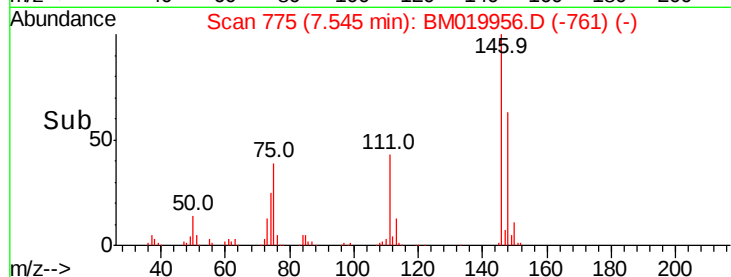
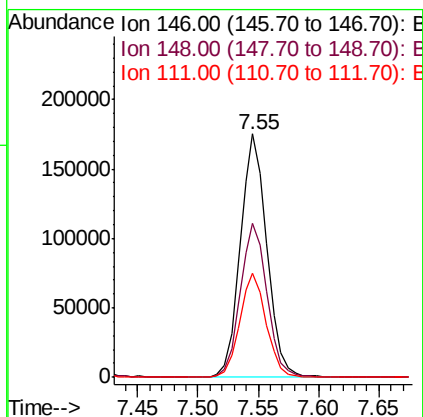
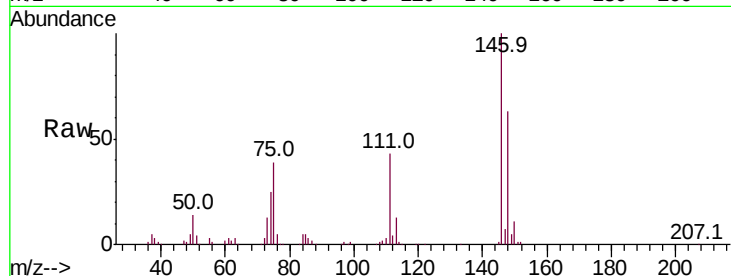




#13
 1,4-Dichlorobenzene
 Concen: 39.858 ng
 RT: 7.55 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

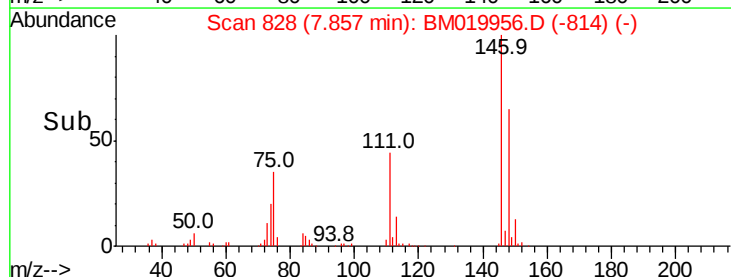
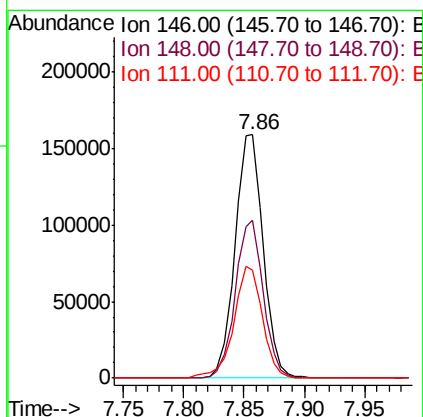
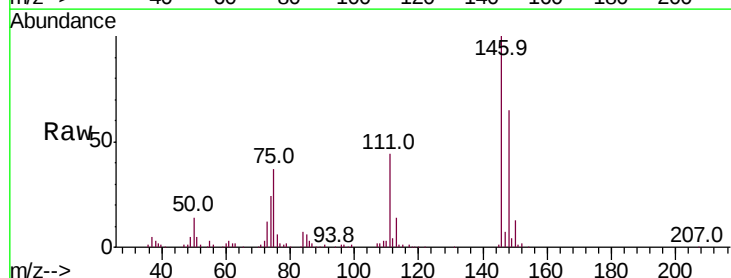
Instrument :
 BNA_M
 ClientSampled :

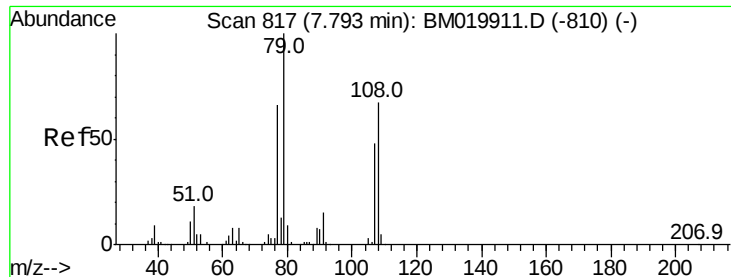
Tot Ion:146 Resp: 269209
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.1 76.7
 111 42.7 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 38.663 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion:146 Resp: 258929
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.2
 111 44.3 35.4 53.0





#15

Benzyl Alcohol

Concen: 34.197 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

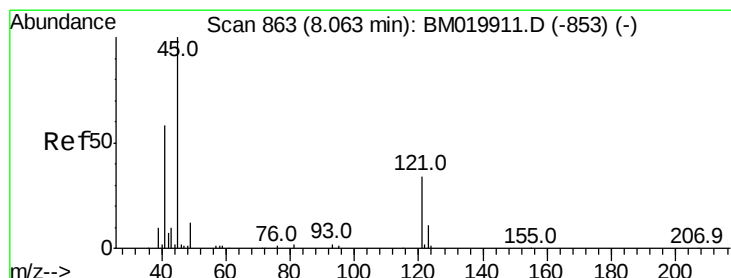
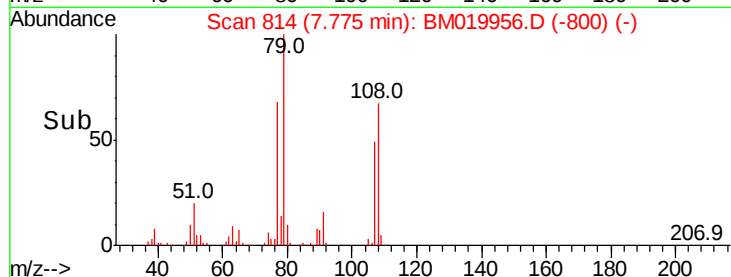
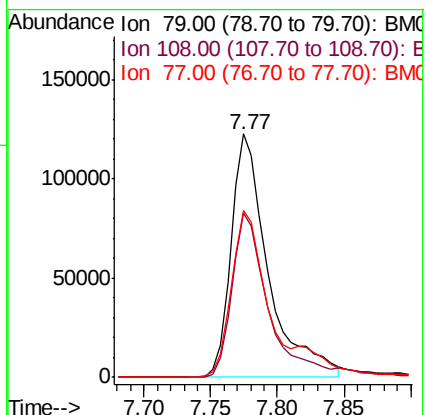
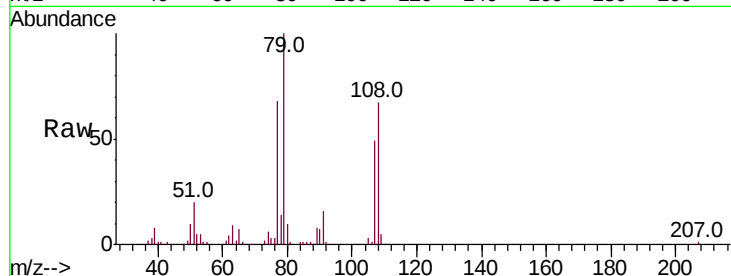
Tot Ion: 79 Resp: 238538

Ion Ratio Lower Upper

79 100

108 67.3 53.9 80.9

77 68.3 53.1 79.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.893 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.04 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

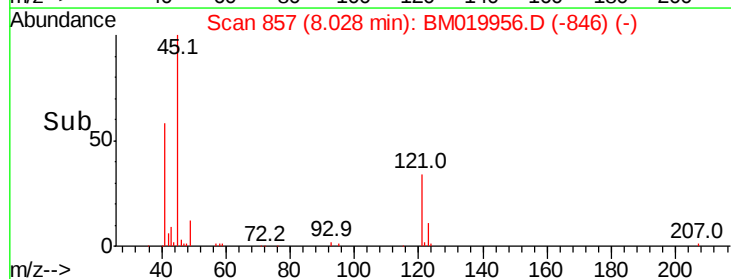
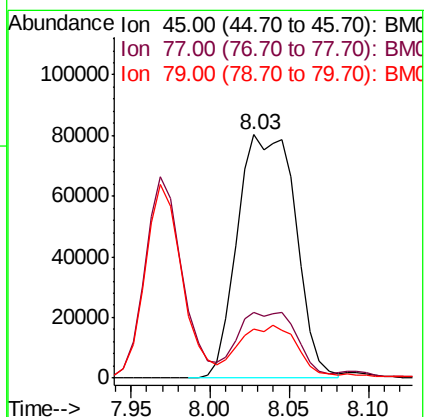
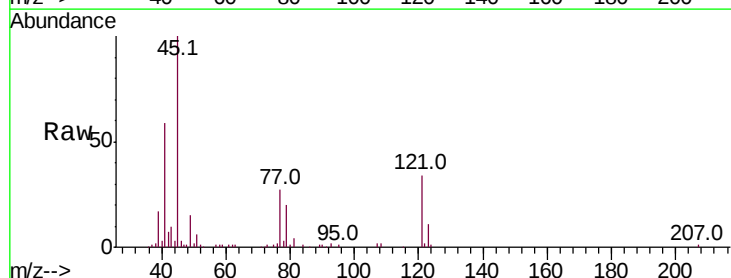
Tgt Ion: 45 Resp: 204022

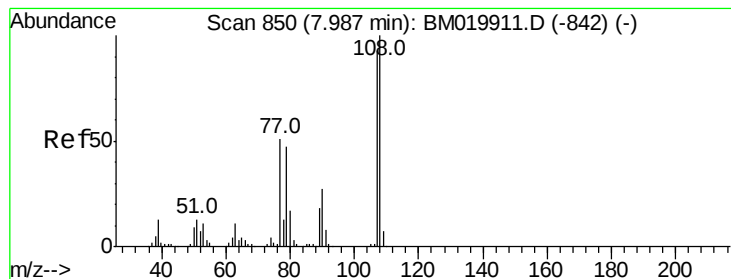
Ion Ratio Lower Upper

45 100

77 27.1 7.2 47.2

79 20.1 1.2 41.2

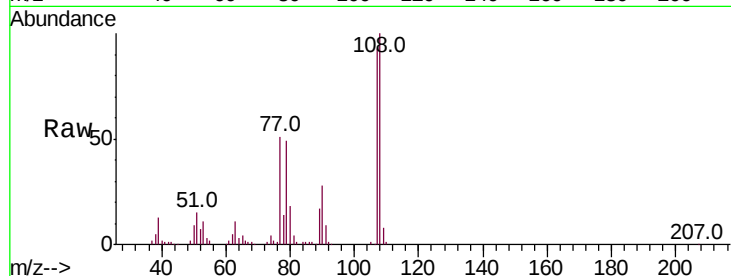




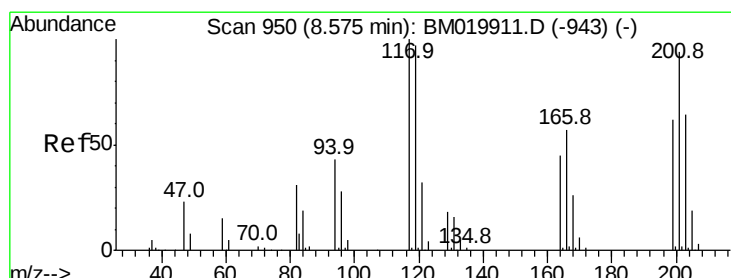
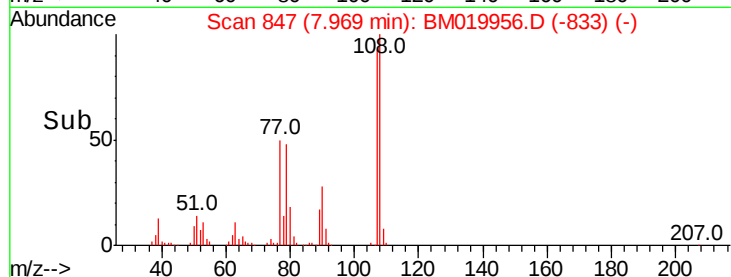
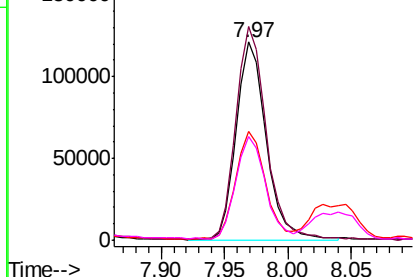
#17
2-Methylphenol
Concen: 35.560 ng
RT: 7.97 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	197297
Ion	Ratio	Lower	Upper
107	100		
108	108.0	85.9	128.9
77	55.0	43.8	65.6
79	52.7	41.1	61.7

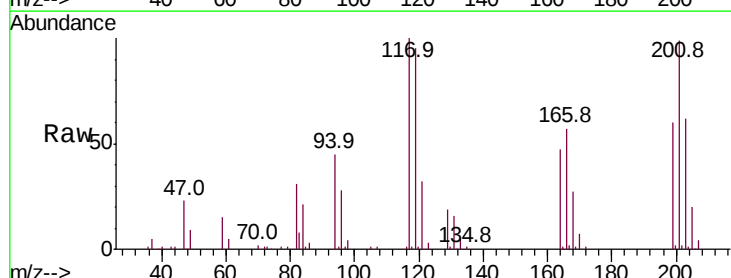


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BM0
100000 Ion 79.00 (78.70 to 79.70): BM0
50000
0

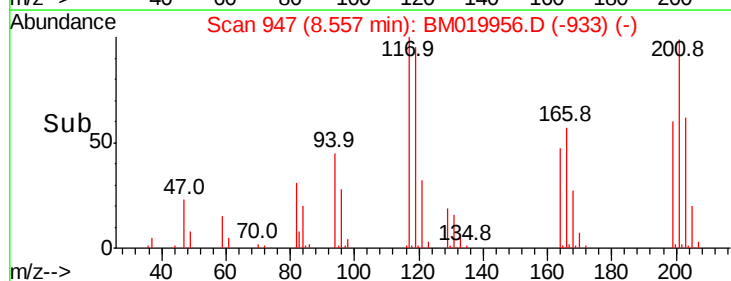
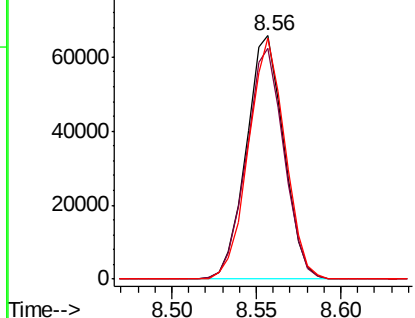


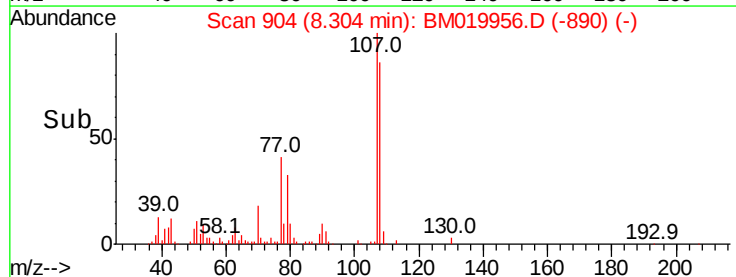
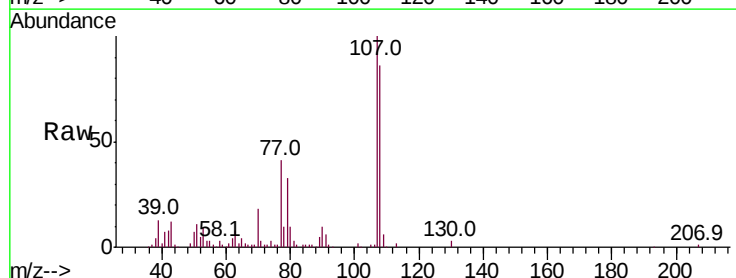
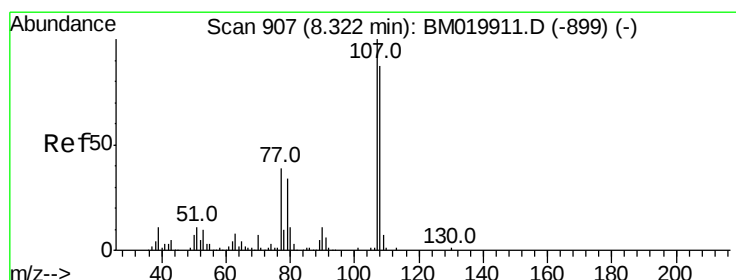
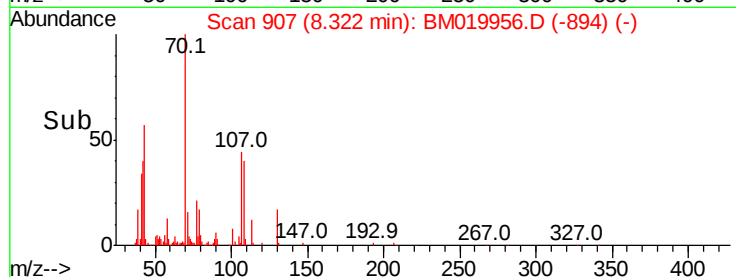
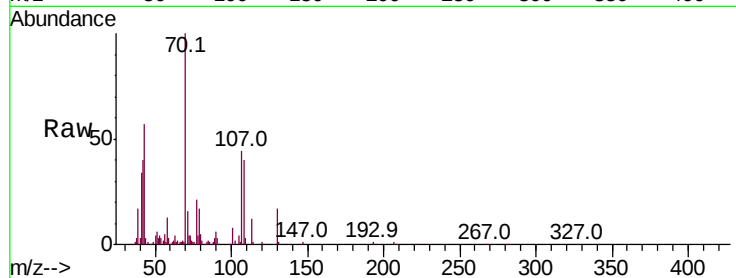
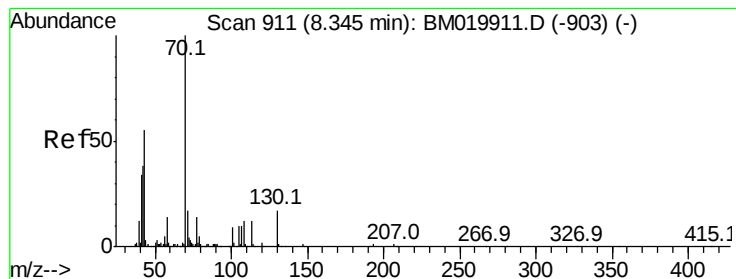
#18
Hexachloroethane
Concen: 38.672 ng
RT: 8.56 min Scan# 947
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:	117	Resp:	101531
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.6	116.4
201	98.9	75.4	113.2



Abundance Ion 117.00 (116.70 to 117.70): E
80000 Ion 119.00 (118.70 to 119.70): E
60000 Ion 201.00 (200.70 to 201.70): E
40000
20000
0





#19

n-Nitroso-di-n-propylamine

Concen: 31.595 ng

RT: 8.32 min Scan# 907

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 213098

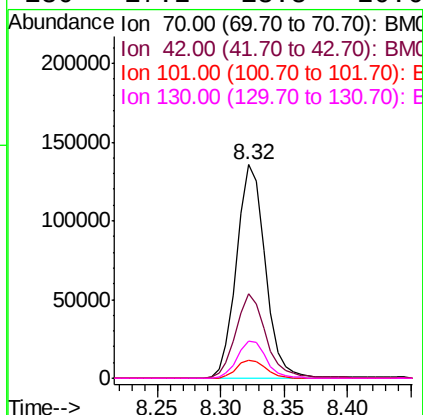
Ion Ratio Lower Upper

70 100

42 39.5 30.3 45.5

101 8.4 6.9 10.3

130 17.2 13.8 20.6



#20

3+4-Methylphenols

Concen: 34.397 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:107 Resp: 262168

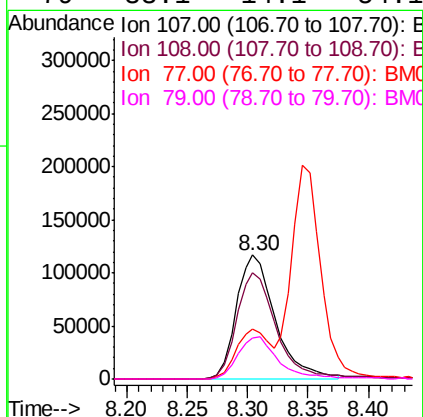
Ion Ratio Lower Upper

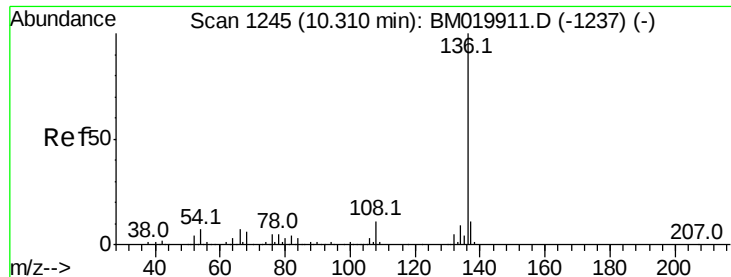
107 100

108 86.3 67.4 107.4

77 40.7 19.7 59.7

79 33.1 14.1 54.1

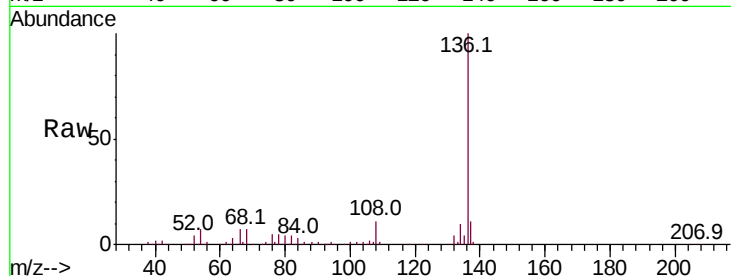




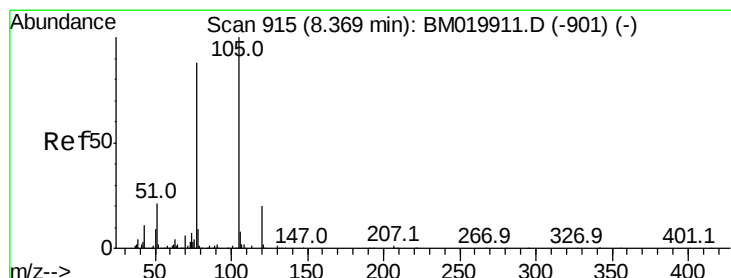
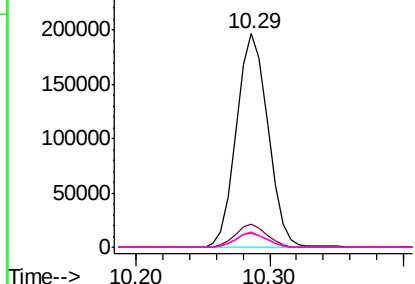
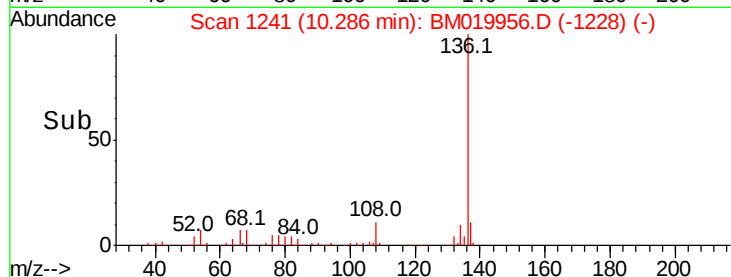
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	323045
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.0	13.6
54 6.5	5.3	7.9
68 6.9	5.2	7.8

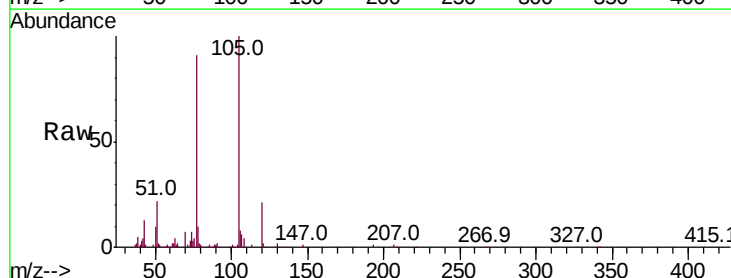


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

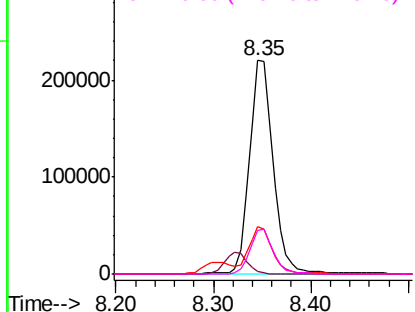
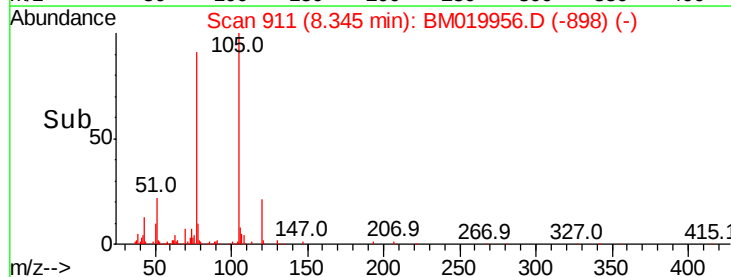


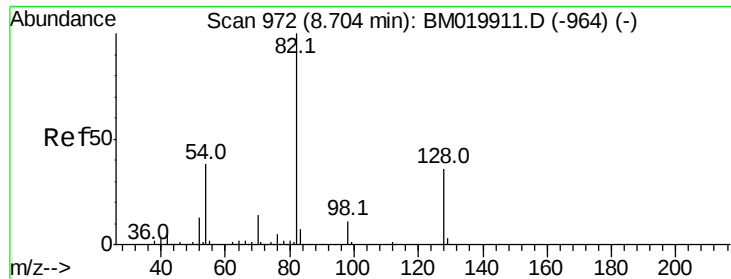
#22
Acetophenone
Concen: 42.575 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt	Ion:105	Resp:	374611
Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.8	1.2#
51	22.3	16.9	25.3
120	20.7	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

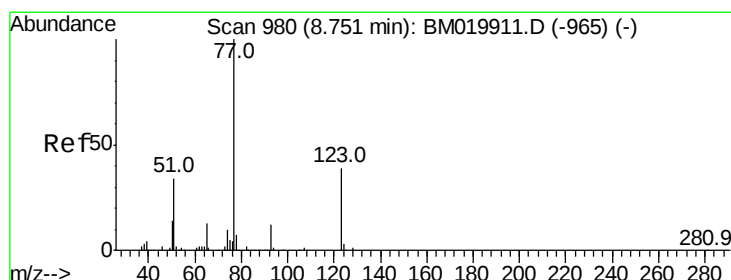
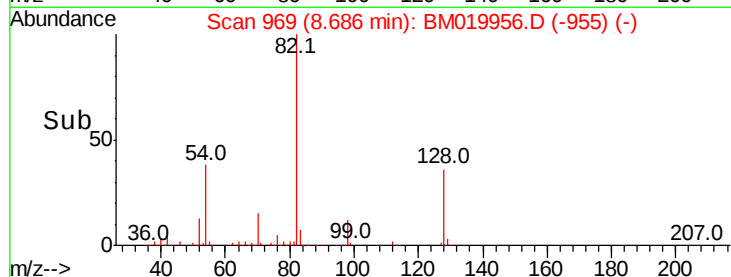
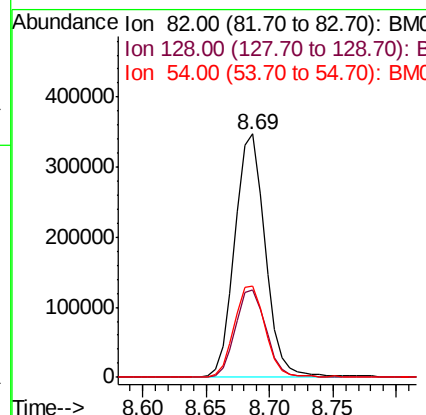
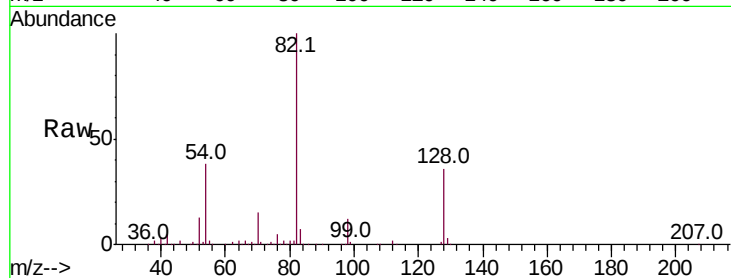




#23
 Nitrobenzene-d5
 Concen: 80.080 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

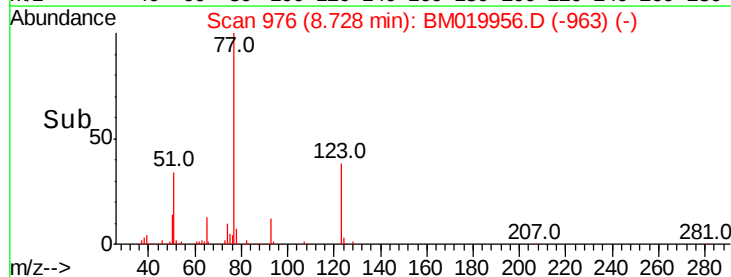
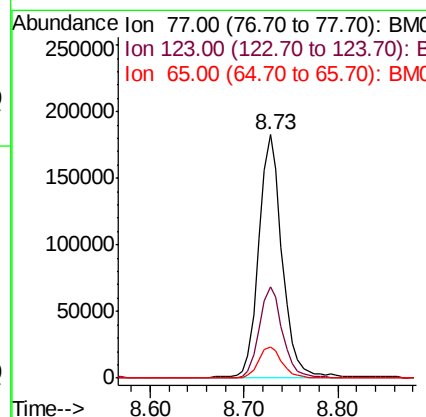
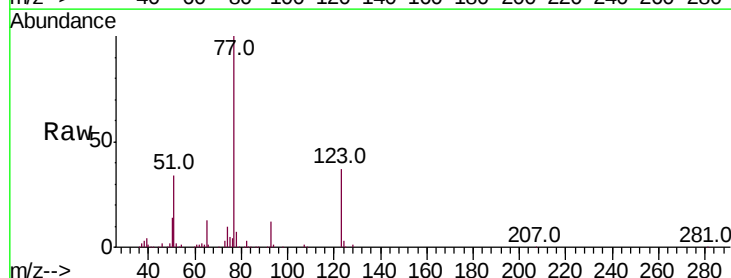
Instrument :
 BNA_M
 ClientSampleId :

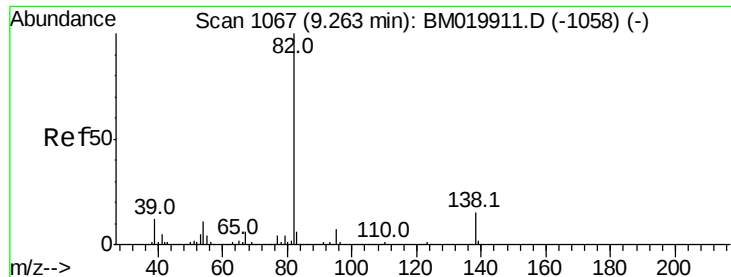
Tot Ion: 82 Resp: 578459
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.0 43.4
 54 37.5 30.2 45.4



#24
 Nitrobenzene
 Concen: 42.040 ng
 RT: 8.73 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion: 77 Resp: 314587
 Ion Ratio Lower Upper
 77 100
 123 37.4 31.0 46.4
 65 12.8 10.6 16.0





#25

Isophorone

Concen: 37.885 ng

RT: 9.24 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

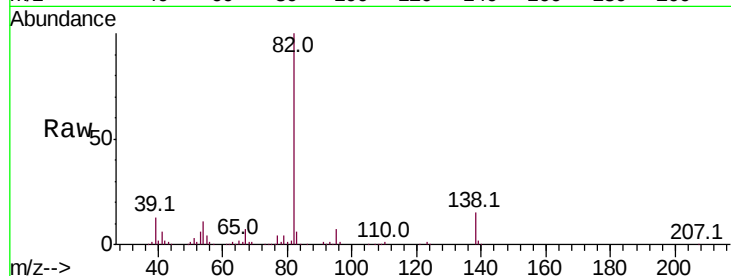
Tot Ion: 82 Resp: 532718

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

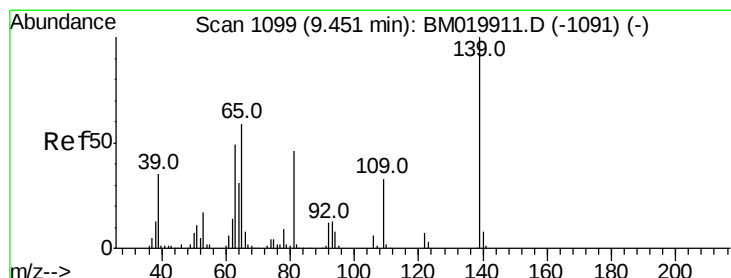
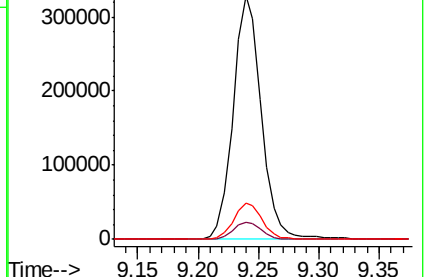
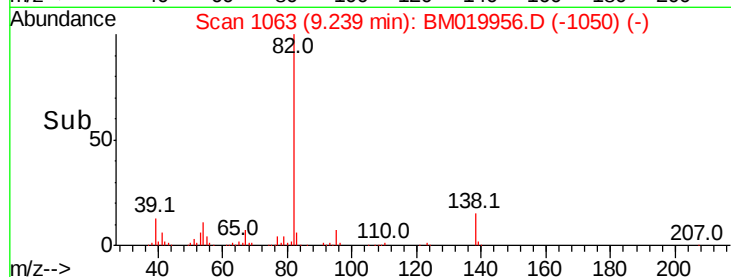
138 15.1 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM019956.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM019956.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM019956.D (-1058) (-)



#26

2-Nitrophenol

Concen: 39.225 ng

RT: 9.43 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

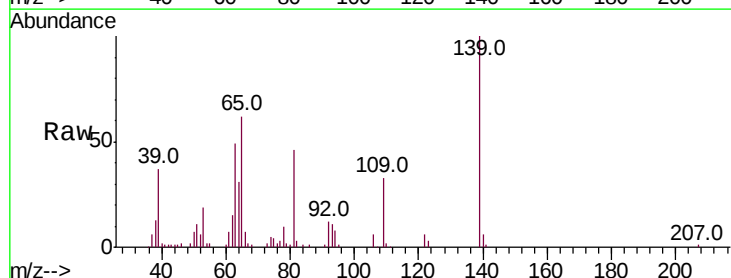
Tgt Ion: 139 Resp: 125084

Ion Ratio Lower Upper

139 100

109 33.3 26.3 39.5

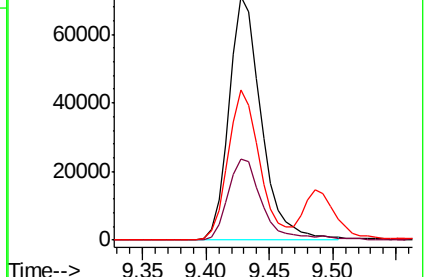
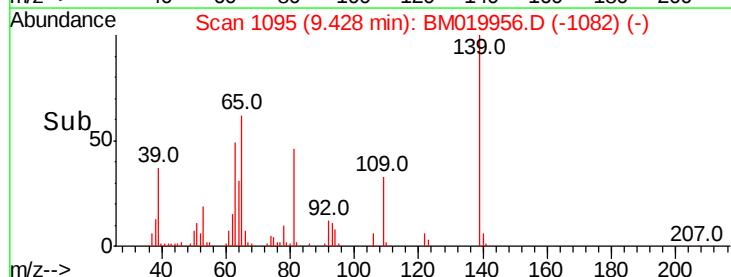
65 61.6 47.4 71.2

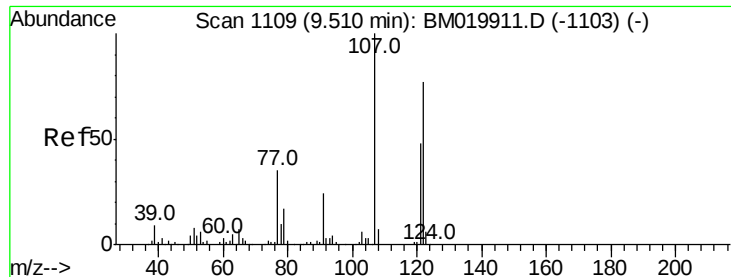


Abundance Ion 139.00 (138.70 to 139.70): BM019956.D (-1082) (-)

Ion 109.00 (108.70 to 109.70): BM019956.D (-1082) (-)

Ion 65.00 (64.70 to 65.70): BM019956.D (-1082) (-)

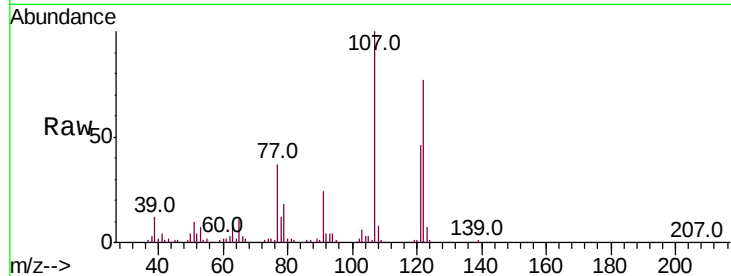




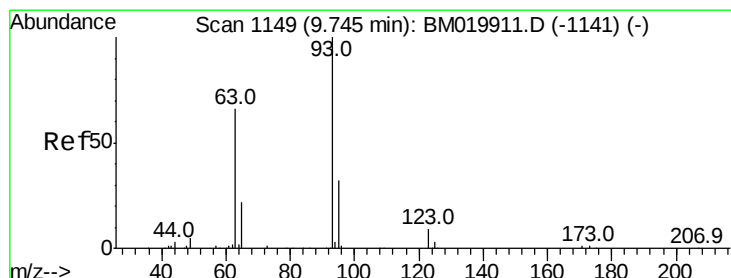
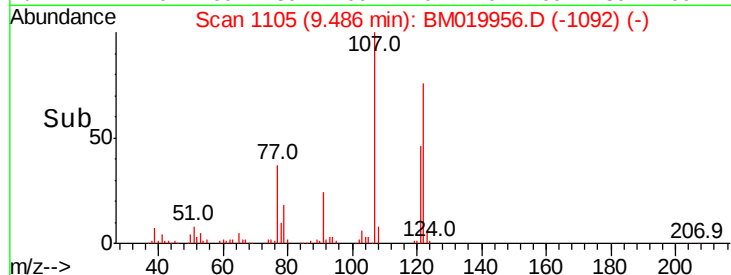
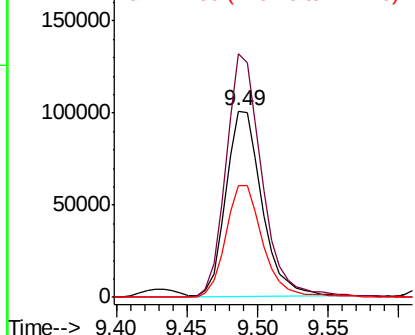
#27
2,4-Dimethylphenol
Concen: 39.620 ng
RT: 9.49 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 178640
Ion Ratio Lower Upper
122 100
107 130.6 103.1 154.7
121 59.8 49.8 74.8

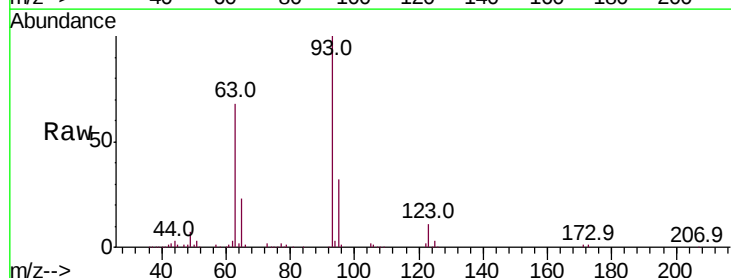


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

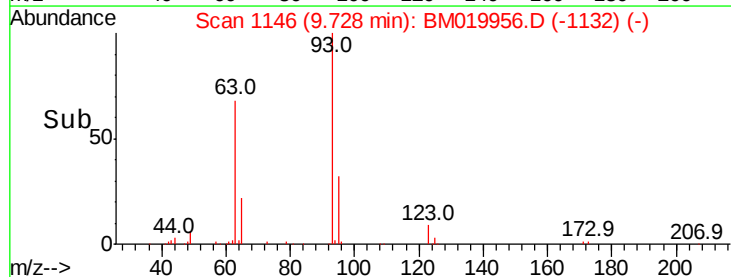
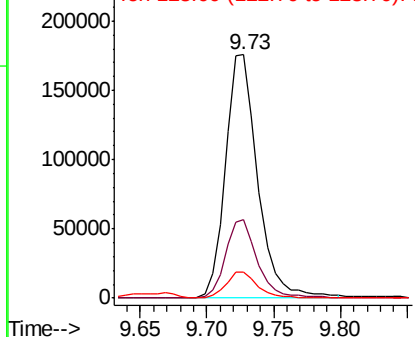


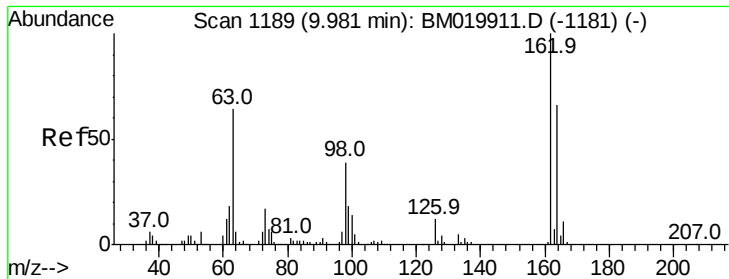
#28
bis(2-Chloroethoxy)methane
Concen: 37.827 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion: 93 Resp: 297847
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.8
123 10.9 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

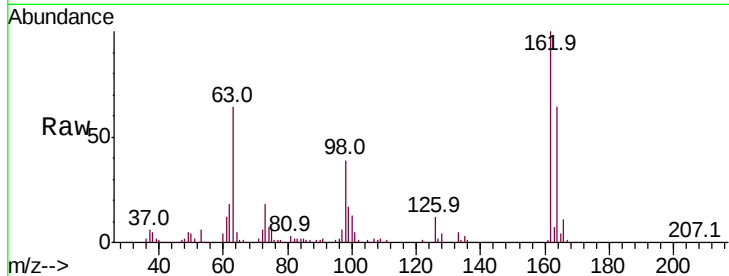




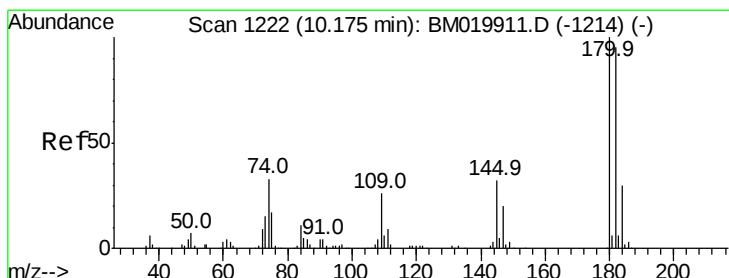
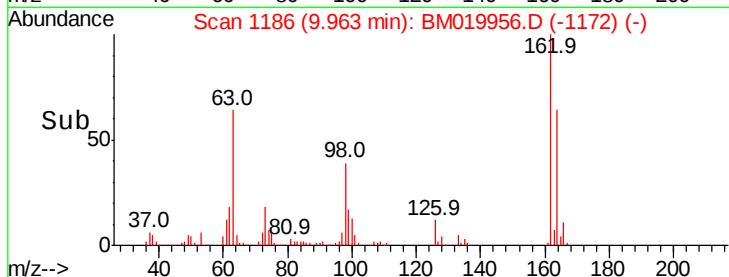
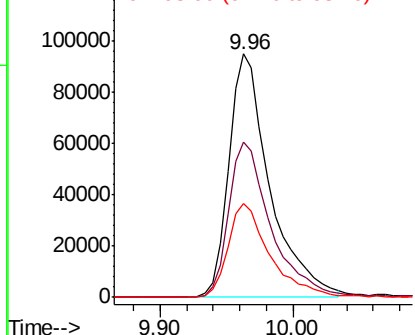
#29
2,4-Dichlorophenol
Concen: 39.697 ng
RT: 9.96 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 203279
Ion Ratio Lower Upper
162 100
164 64.0 46.3 86.3
98 38.6 19.2 59.2

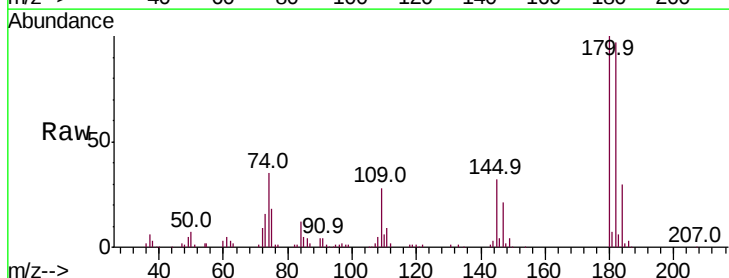


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

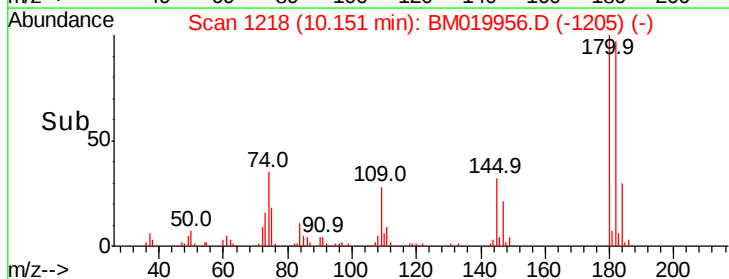
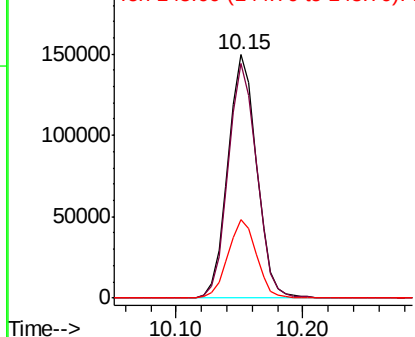


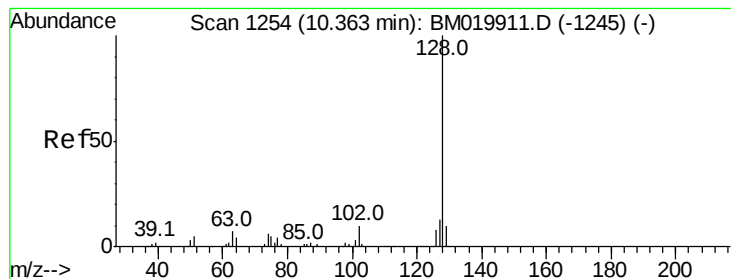
#30
1,2,4-Trichlorobenzene
Concen: 42.532 ng
RT: 10.15 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:180 Resp: 234416
Ion Ratio Lower Upper
180 100
182 96.6 76.3 114.5
145 32.1 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

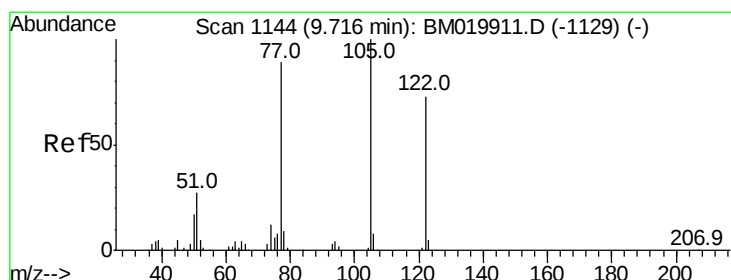
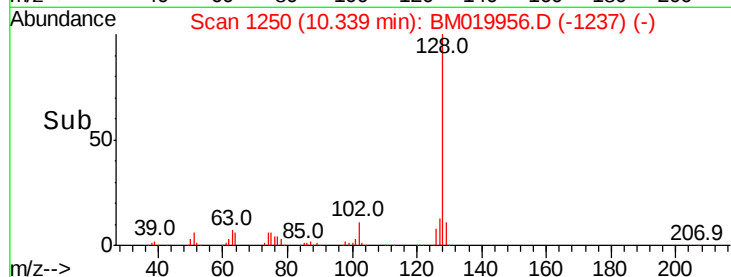
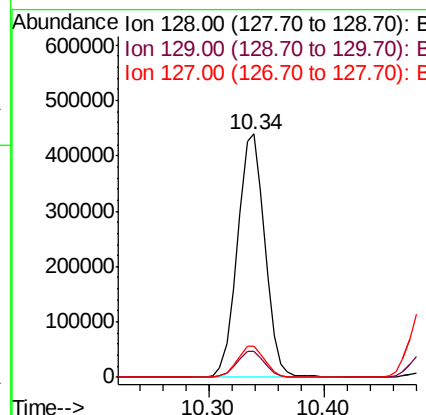
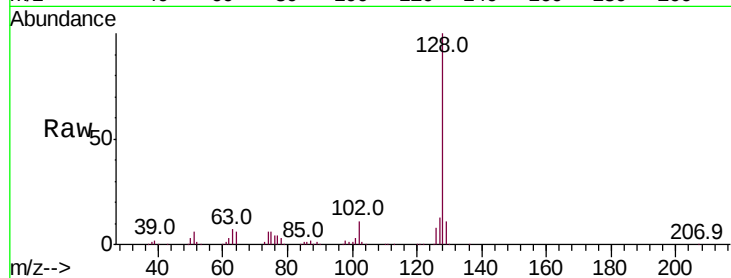




#31
Naphthalene
Concen: 41.715 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

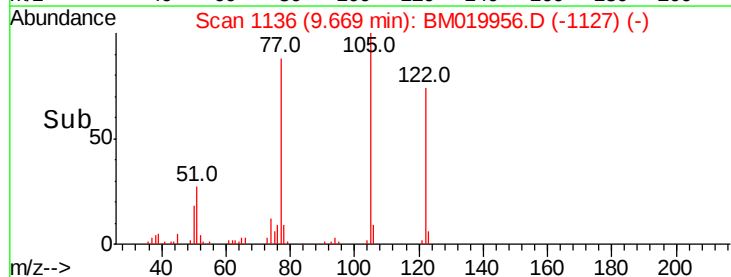
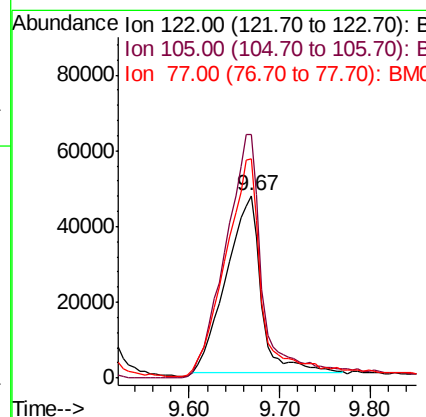
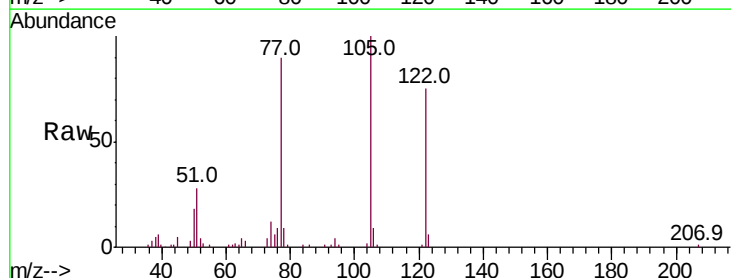
Instrument :
BNA_M
ClientSampled :

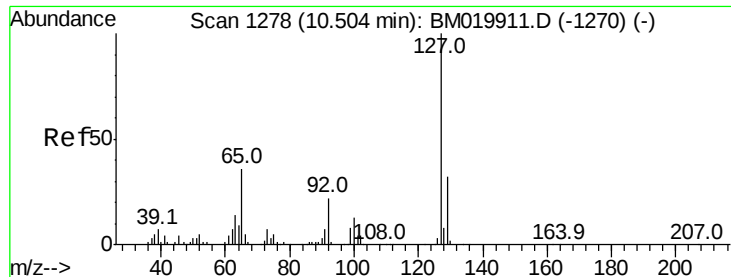
Tot Ion:128 Resp: 722814
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 31.559 ng
RT: 9.67 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:122 Resp: 125789
Ion Ratio Lower Upper
122 100
105 133.3 114.8 154.8
77 119.7 100.2 140.2

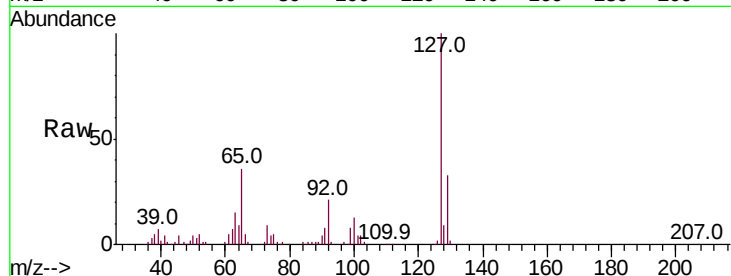




#33
4-Chloroaniline
Concen: 38.116 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	272077
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.0
65	35.8	29.2	43.8
92	21.5	17.5	26.3



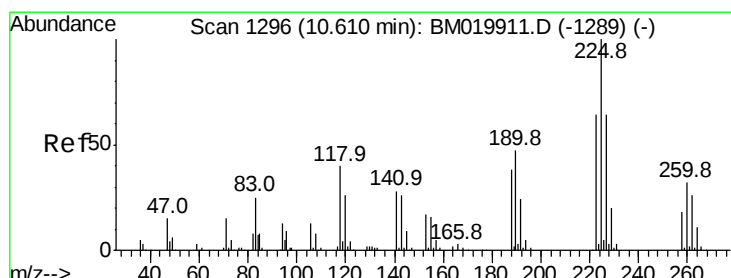
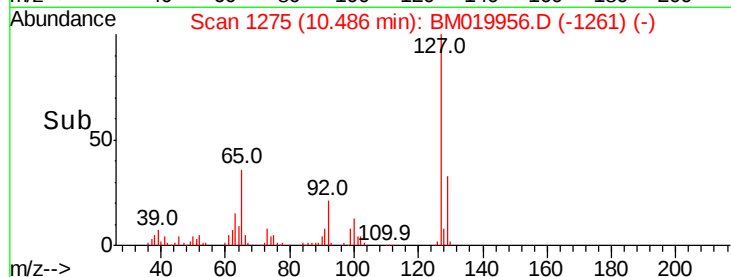
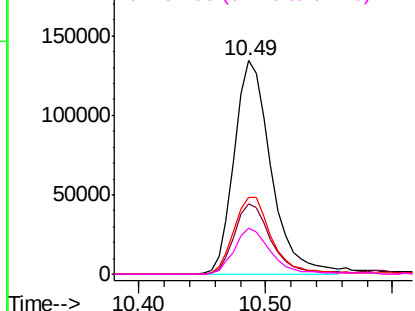
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

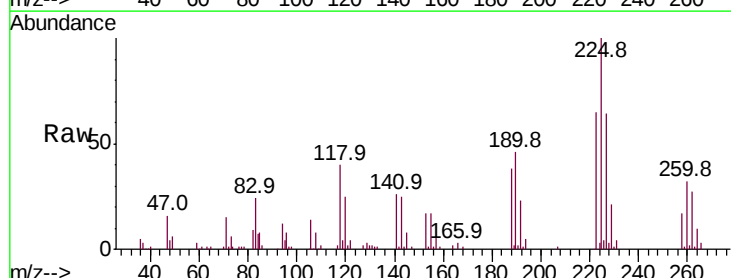
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 41.416 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:	225	Resp:	134627
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.4	77.2
227	64.1	51.0	76.6

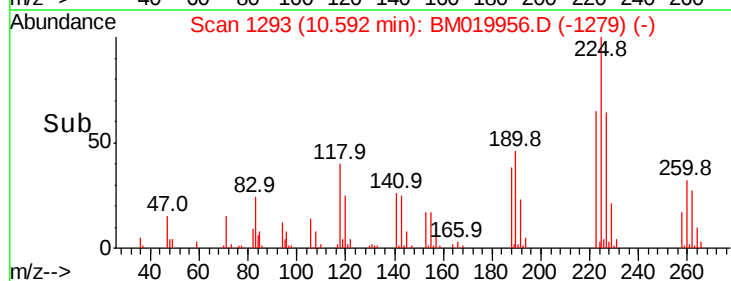
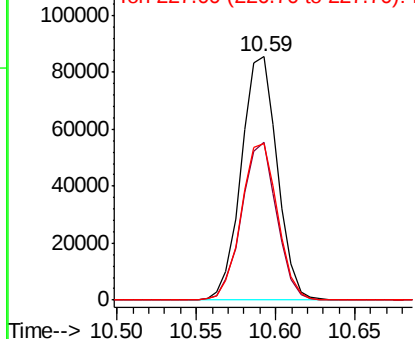


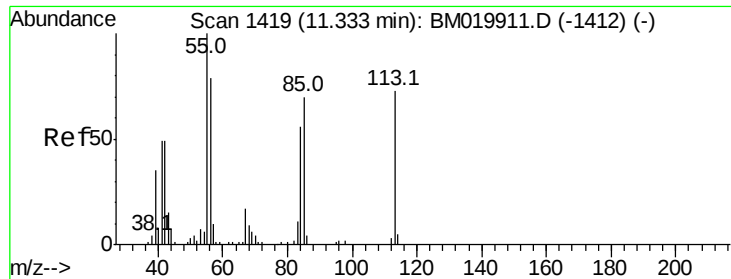
Abundance

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: 29.456 ng

RT: 11.34 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampled :

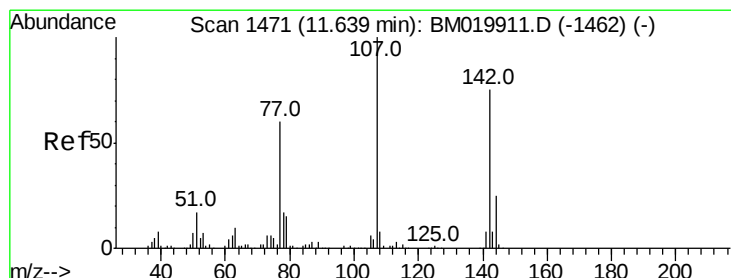
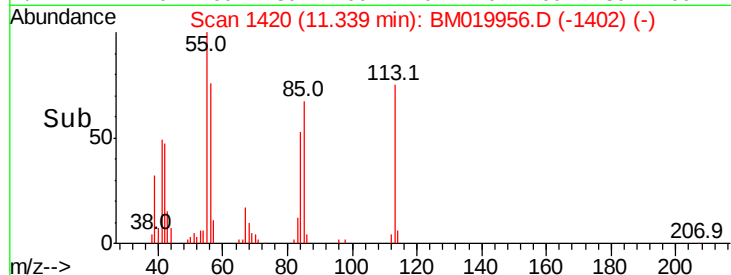
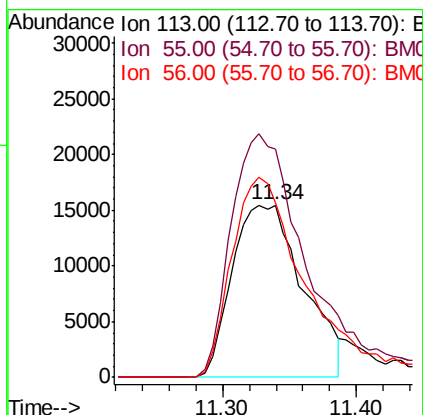
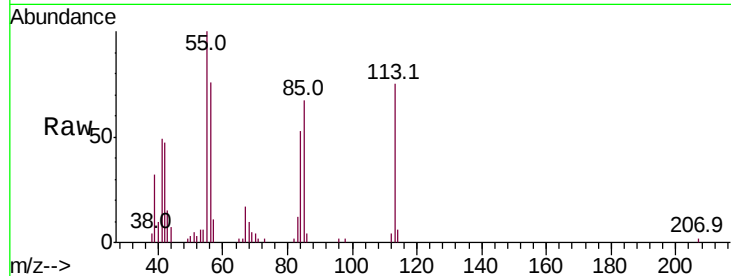
Tot Ion:113 Resp: 57096

Ion Ratio Lower Upper

113 100

55 132.8 117.1 157.1

56 101.3 88.2 128.2



#36

4-Chloro-3-methylphenol

Concen: 36.335 ng

RT: 11.62 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

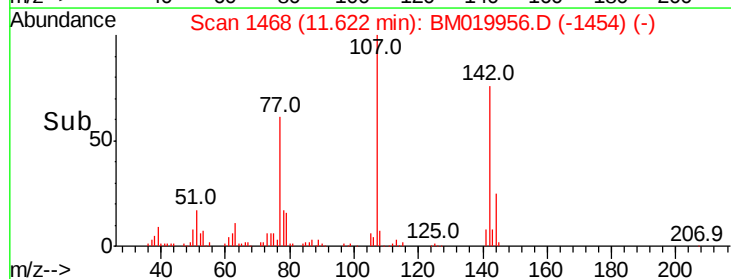
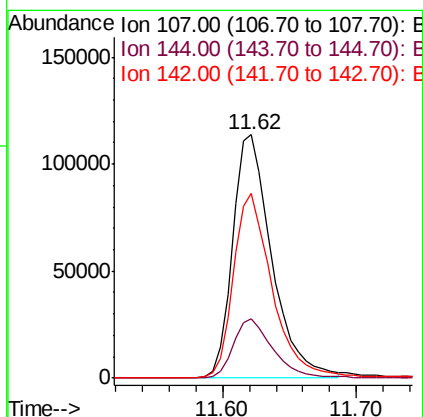
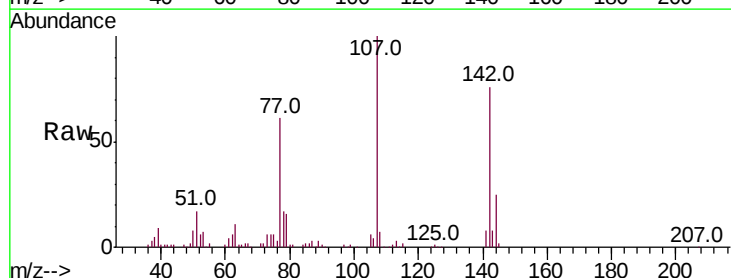
Tgt Ion:107 Resp: 231190

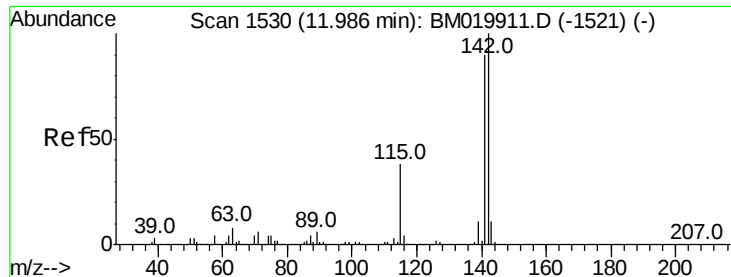
Ion Ratio Lower Upper

107 100

144 24.5 19.8 29.8

142 76.1 60.3 90.5

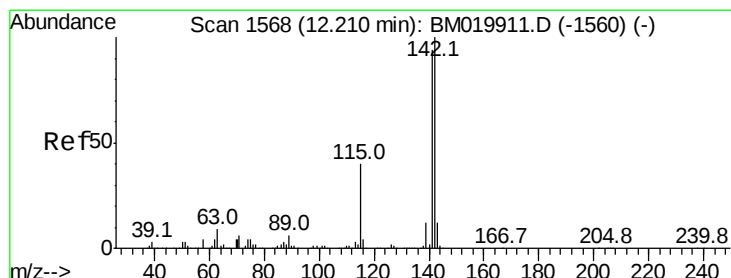
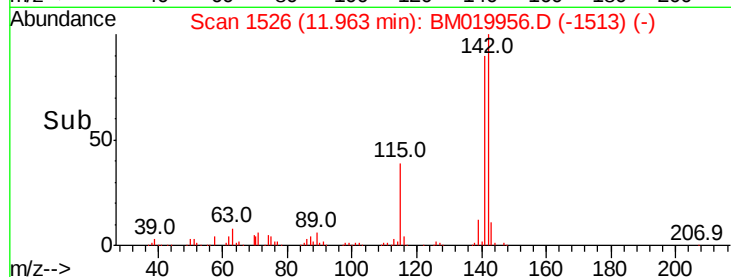
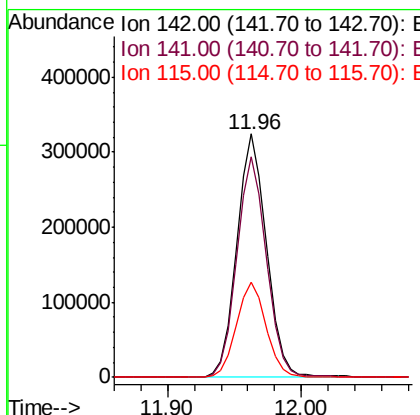
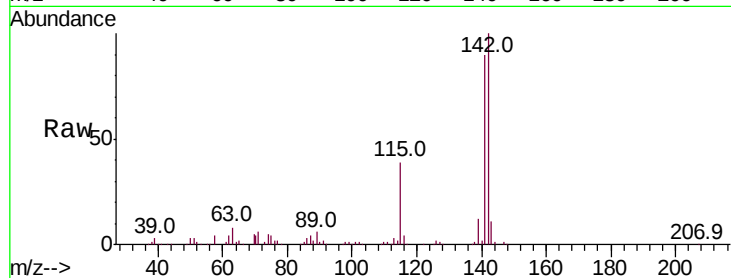




#37
2-Methylnaphthalene
Concen: 39.582 ng
RT: 11.96 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

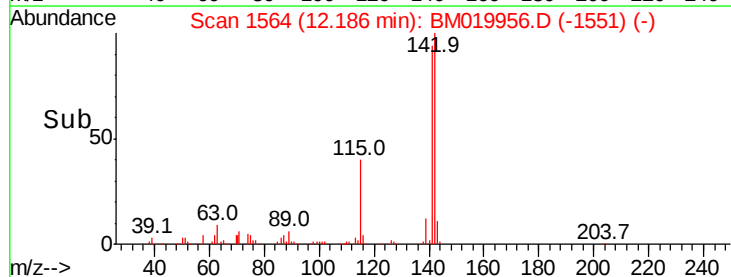
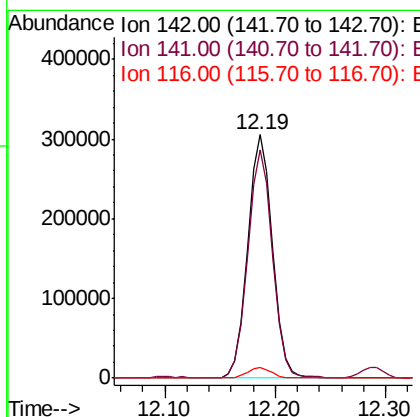
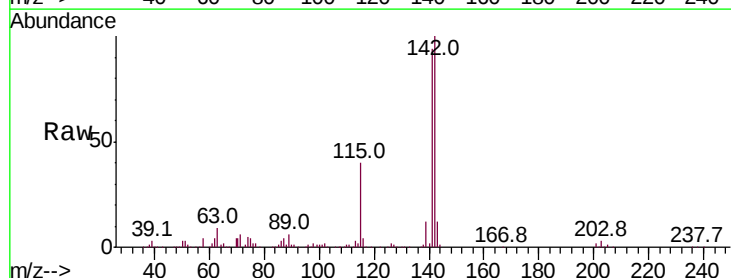
Instrument :
BNA_M
ClientSampleId :

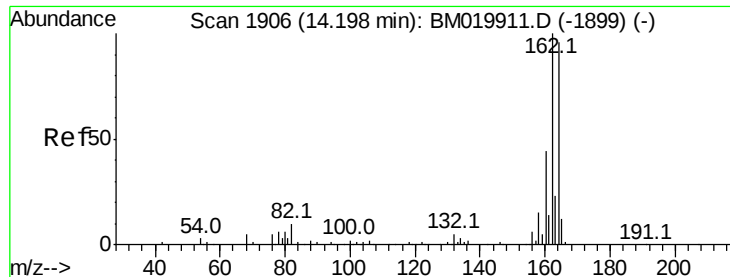
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.3	108.5
115	39.1	30.5	45.7



#38
1-Methylnaphthalene
Concen: 38.249 ng
RT: 12.19 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	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: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

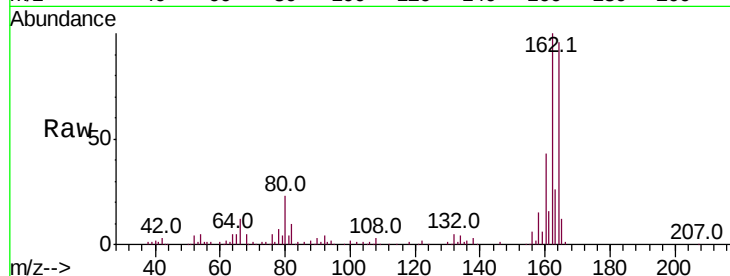
Tot Ion:164 Resp: 172876

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.4

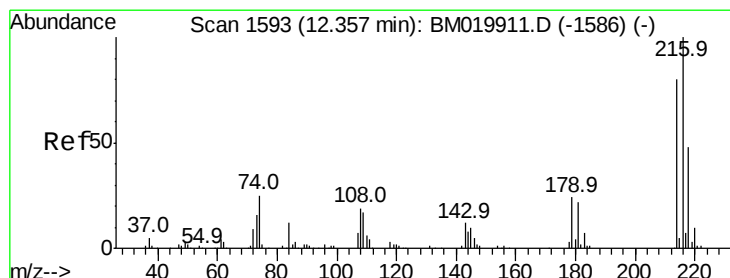
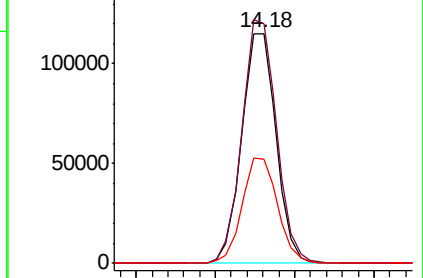
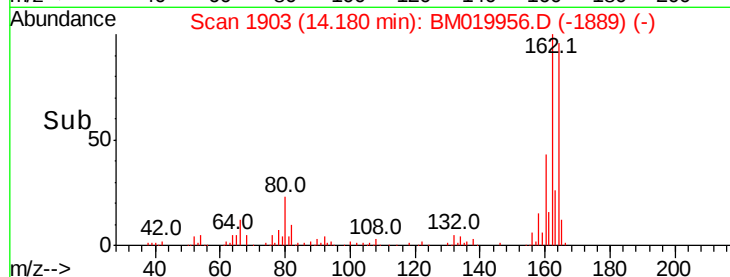
160 45.2 36.6 55.0



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: 43.574 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:216 Resp: 232386

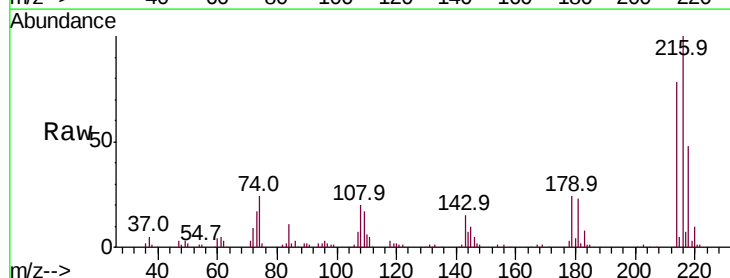
Ion Ratio Lower Upper

216 100

214 79.0 63.1 94.7

179 24.0 19.0 28.6

108 20.8 16.3 24.5

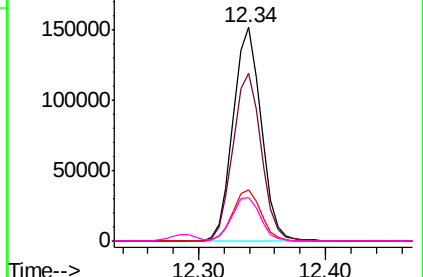
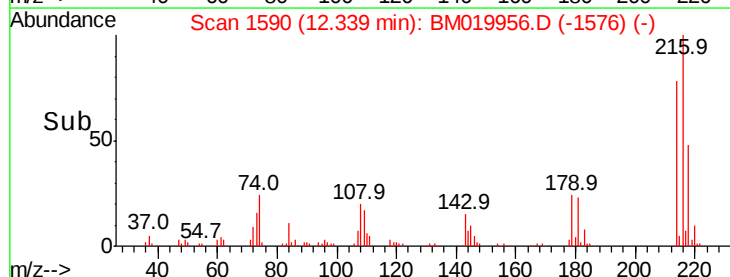


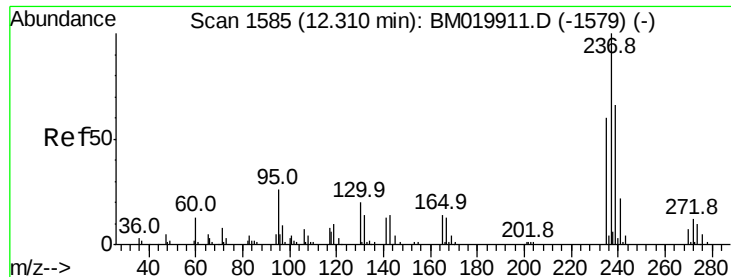
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.292 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

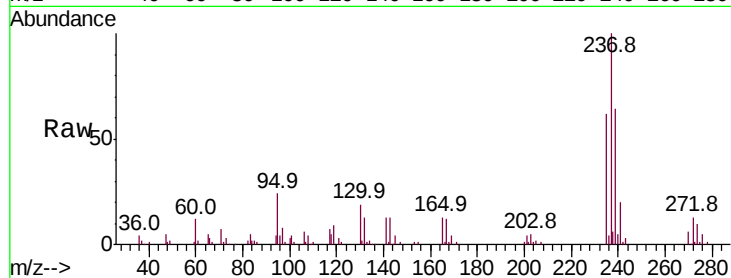
Tot Ion:237 Resp: 147277

Ion Ratio Lower Upper

237 100

235 61.8 40.4 80.4

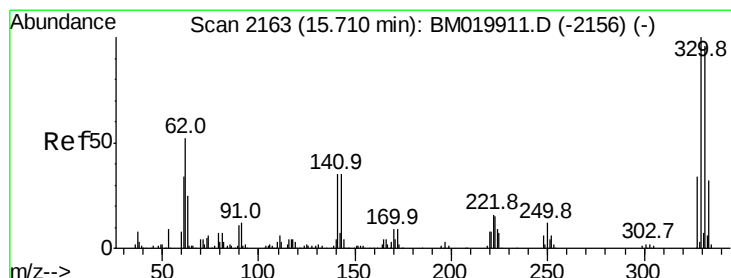
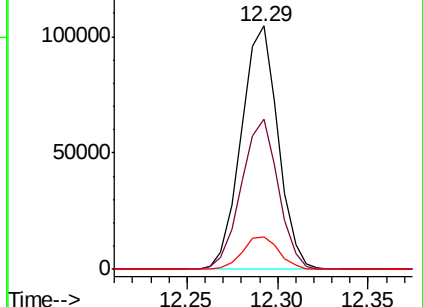
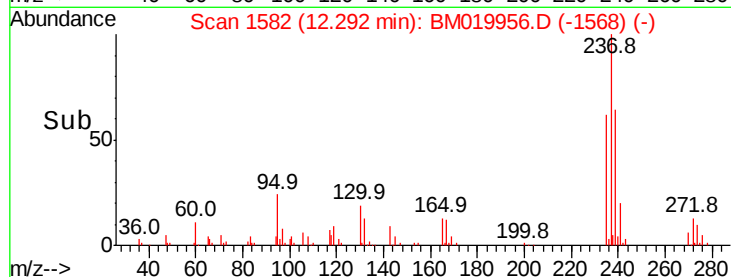
272 13.4 0.0 32.3



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: 73.333 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

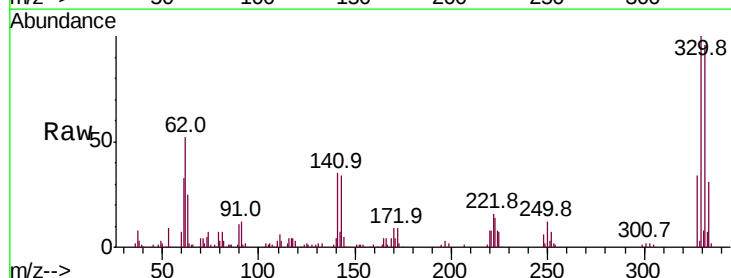
Tgt Ion:330 Resp: 204072

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

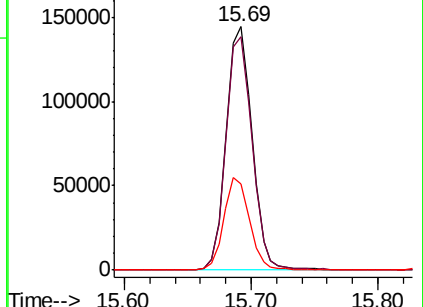
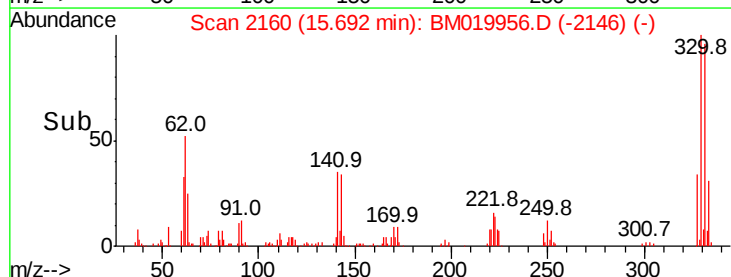
141 37.6 29.0 43.4

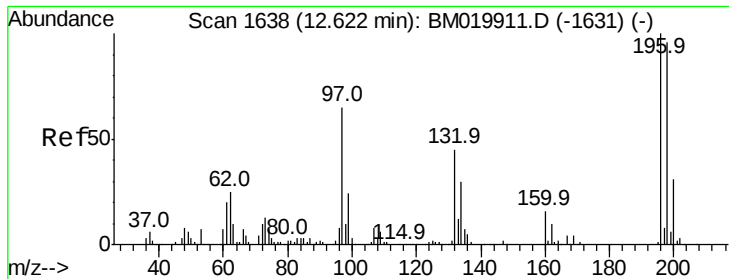


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

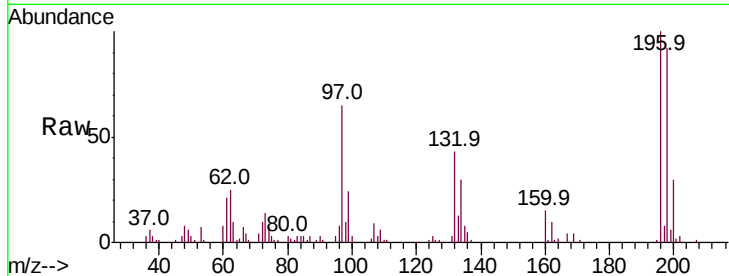




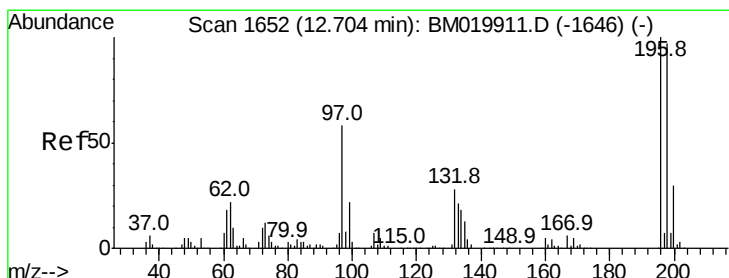
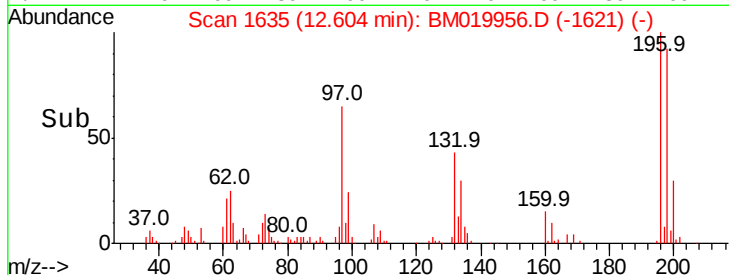
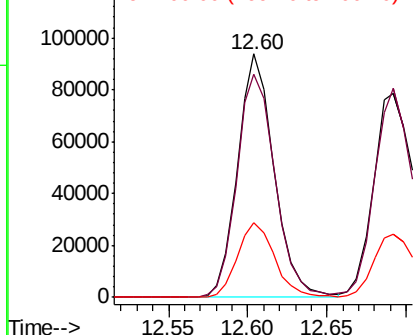
#43
 2,4,6-Trichlorophenol
 Concen: 41.407 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 149716
 Ion Ratio Lower Upper
 196 100
 198 91.9 76.8 115.2
 200 30.4 24.6 37.0

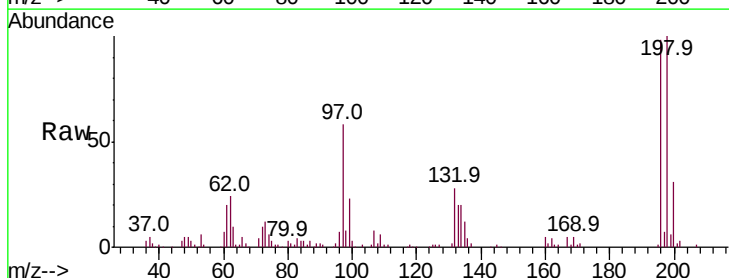


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

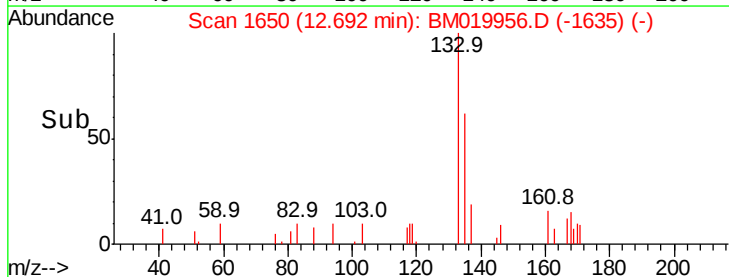
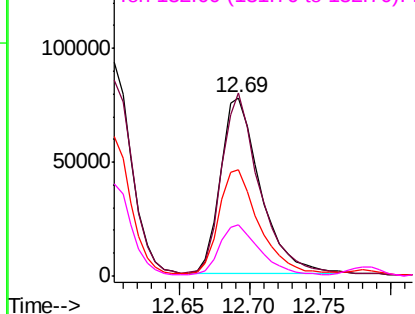


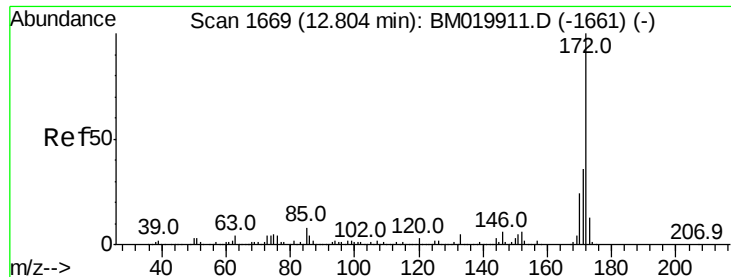
#44
 2,4,5-Trichlorophenol
 Concen: 40.419 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion:196 Resp: 152104
 Ion Ratio Lower Upper
 196 100
 198 102.4 77.8 116.8
 97 59.4 46.2 69.2
 132 28.5 22.7 34.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

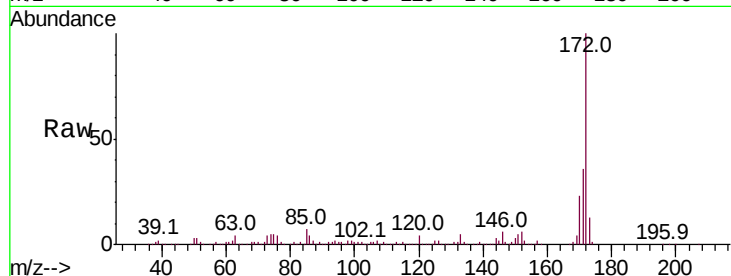




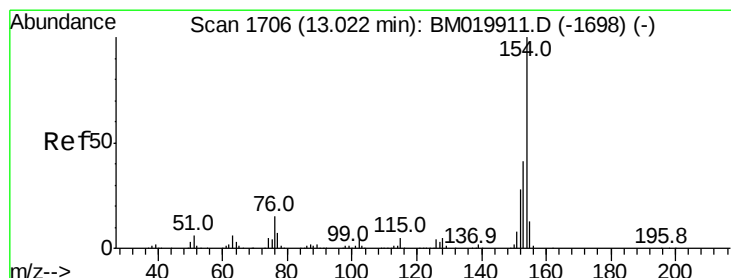
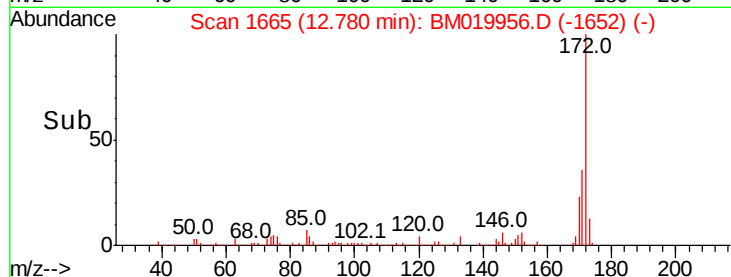
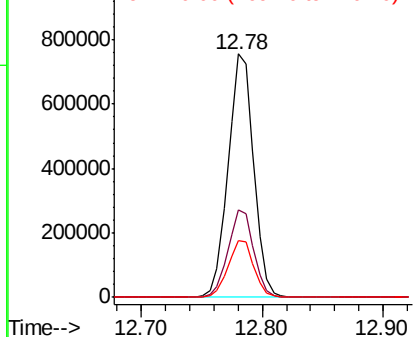
#45
2-Fluorobiphenyl
Concen: 79.956 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 1109137
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.4 19.0 28.4

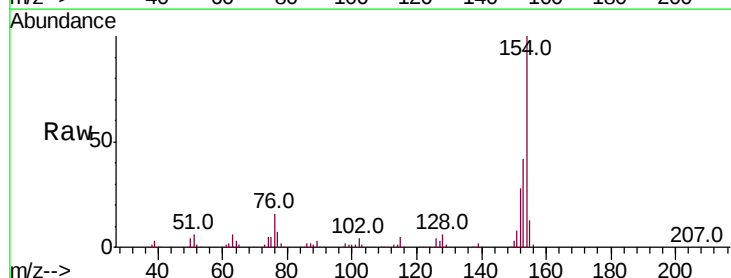


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

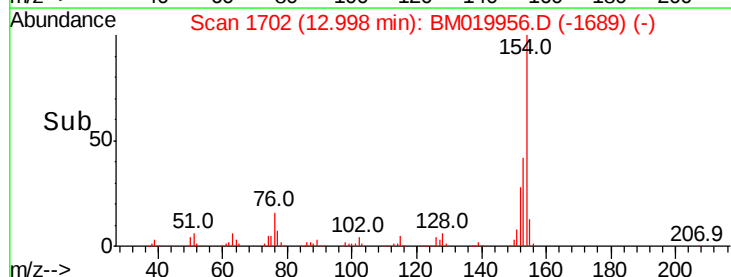
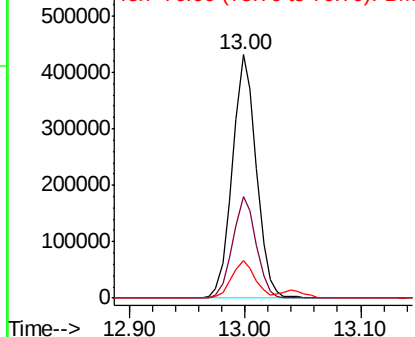


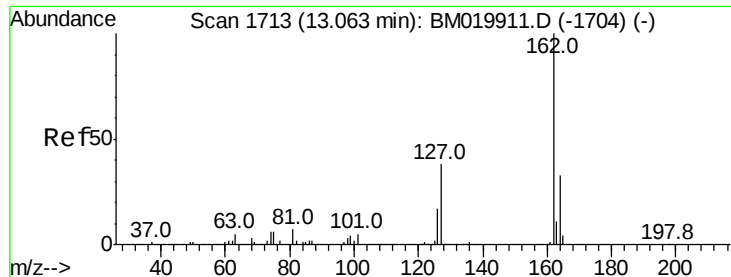
#46
1,1'-Biphenyl
Concen: 41.375 ng
RT: 13.00 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:154 Resp: 619513
Ion Ratio Lower Upper
154 100
153 41.7 21.0 61.0
76 15.5 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

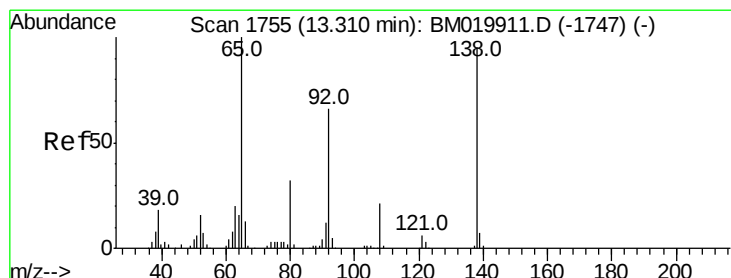
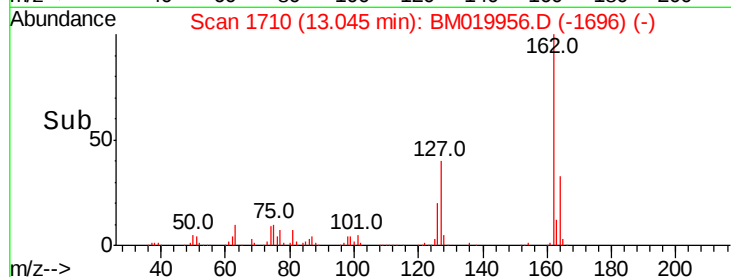
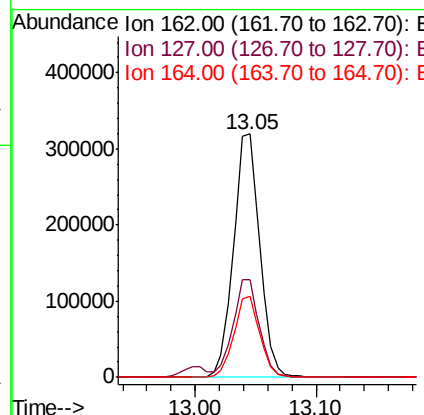
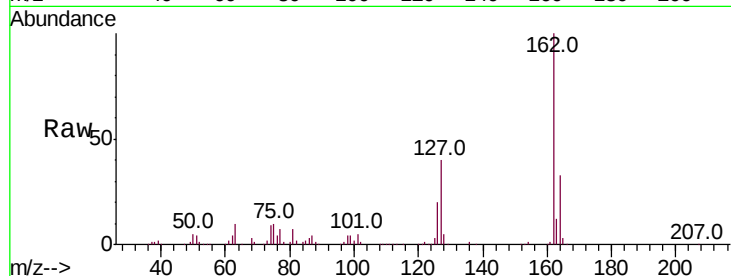




#47
2-Chloronaphthalene
Concen: 42.588 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

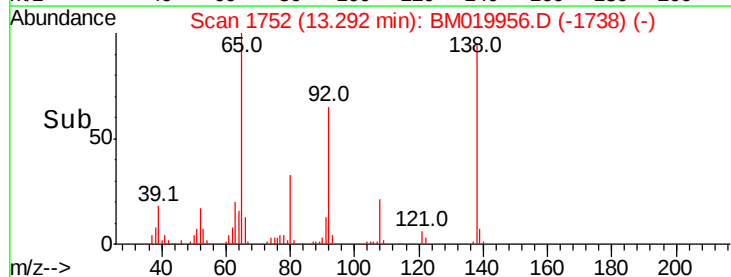
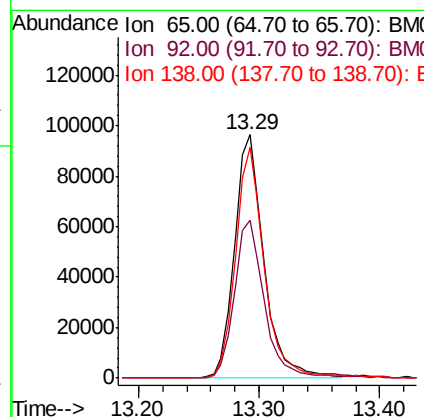
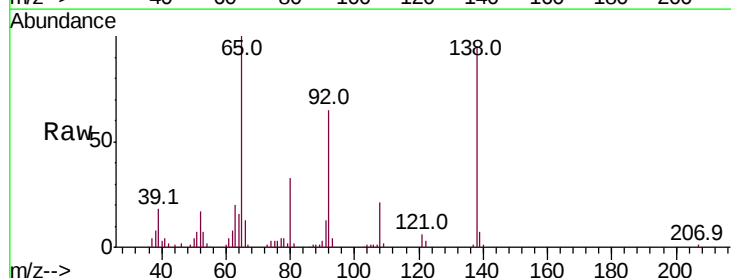
Instrument :
BNA_M
ClientSampleId :

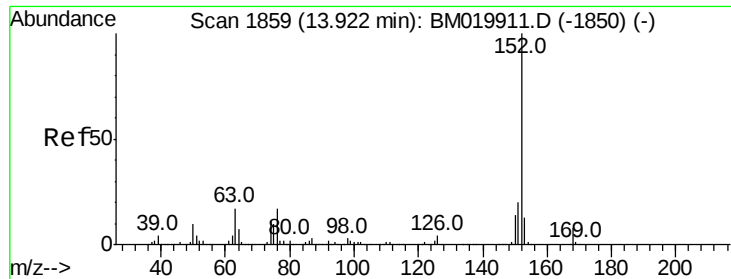
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.3	48.5
164	33.1	26.3	39.5



#48
2-Nitroaniline
Concen: 39.866 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	52.9	79.3
138	94.8	75.8	113.6





#49

Acenaphthylene

Concen: 38.825 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

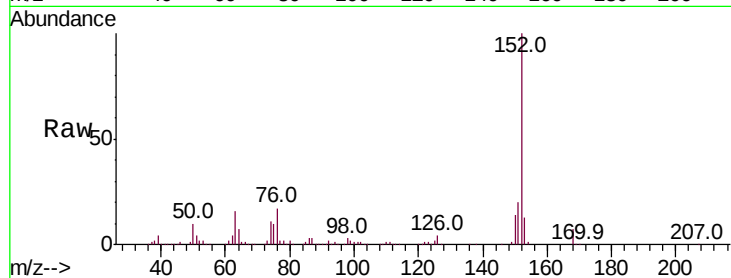
Tot Ion:152 Resp: 771534

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

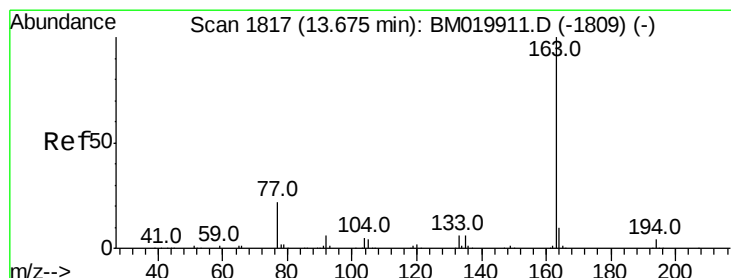
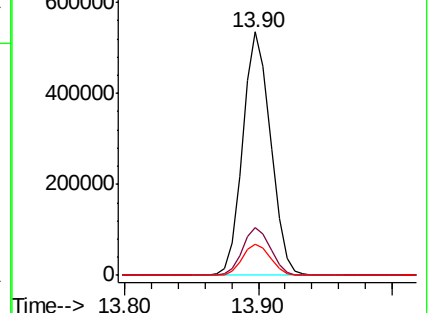
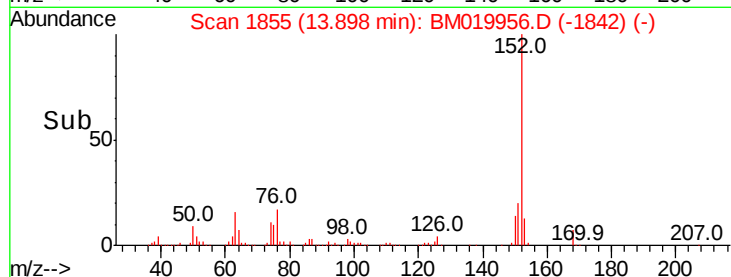
153 12.6 10.6 16.0



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: 39.900 ng

RT: 13.65 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

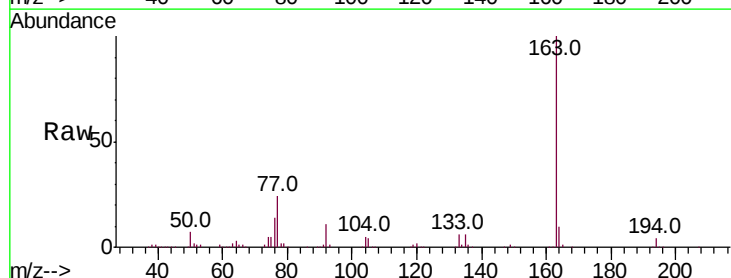
Tgt Ion:163 Resp: 608417

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

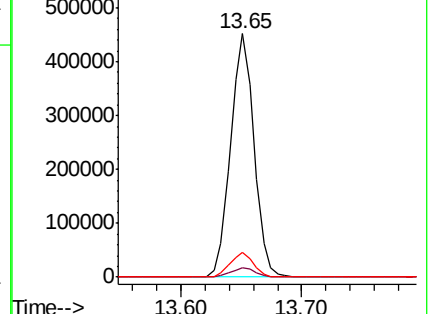
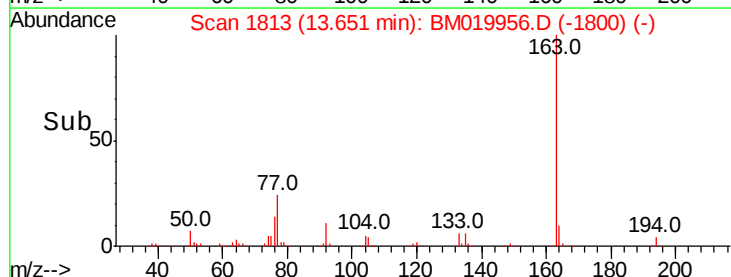
164 9.9 7.9 11.9

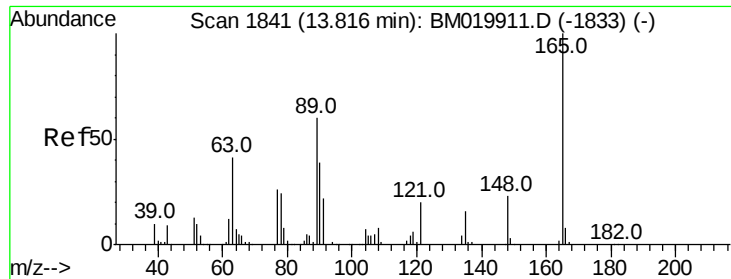


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.965 ng

RT: 13.79 min Scan# 1837

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

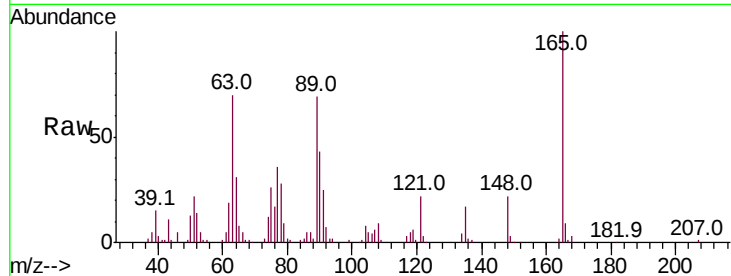
Tot Ion:165 Resp: 131387

Ion Ratio Lower Upper

165 100

63 69.7 48.5 72.7

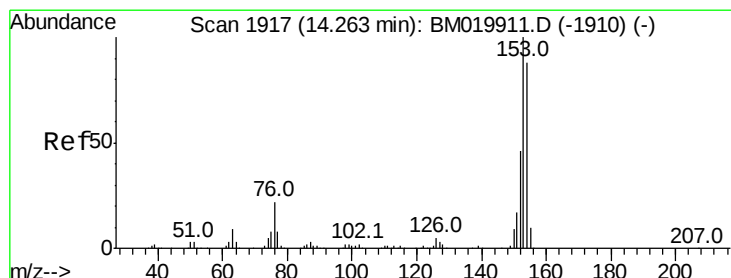
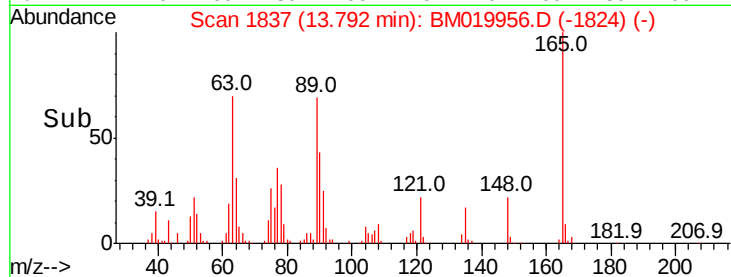
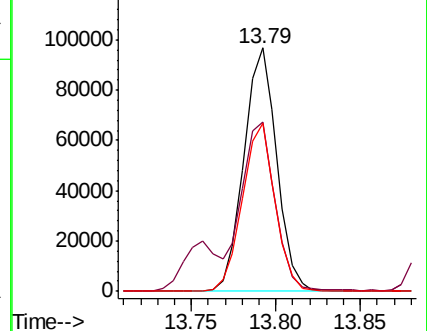
89 69.0 48.2 72.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 40.410 ng

RT: 14.24 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

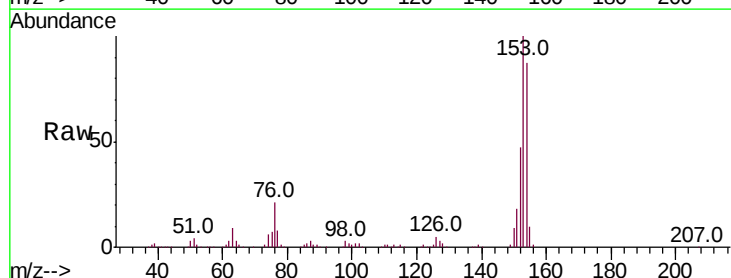
Tgt Ion:154 Resp: 445253

Ion Ratio Lower Upper

154 100

153 115.5 91.0 136.4

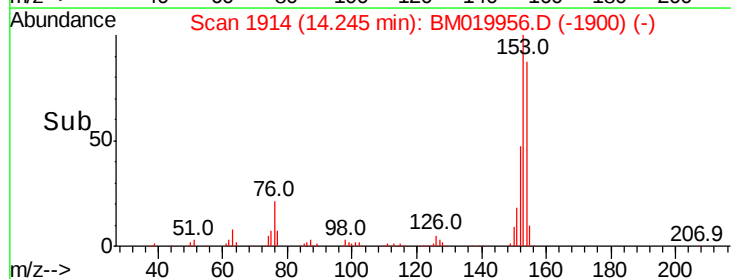
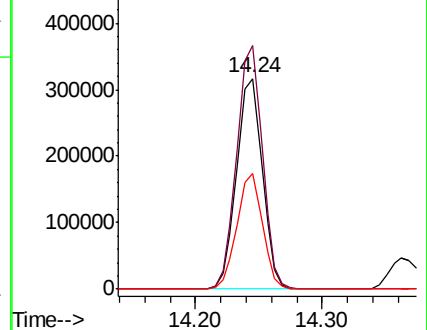
152 54.7 42.2 63.2

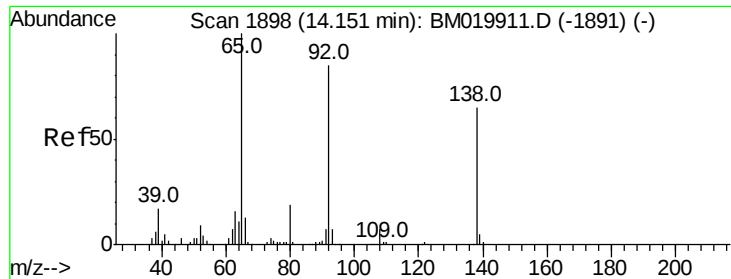


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

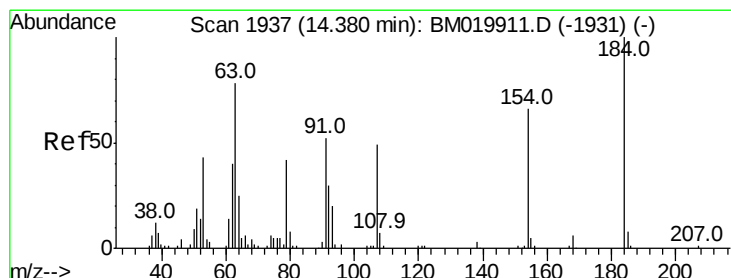
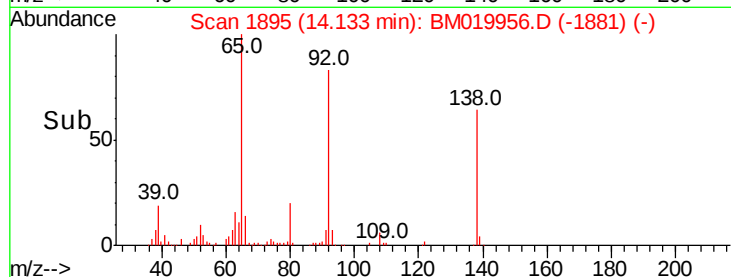
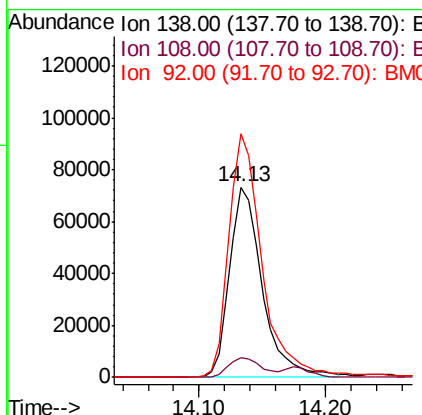
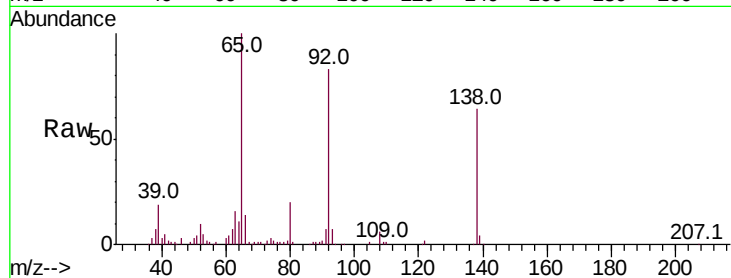




#53
3-Nitroaniline
Concen: 38.851 ng
RT: 14.13 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

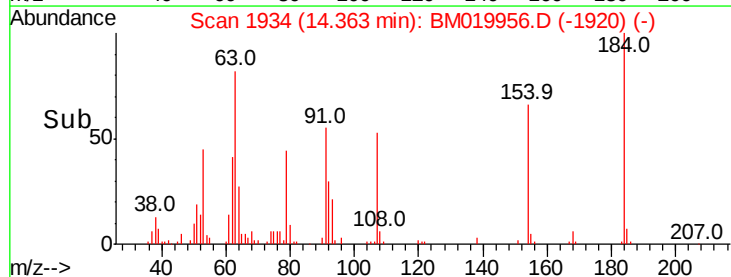
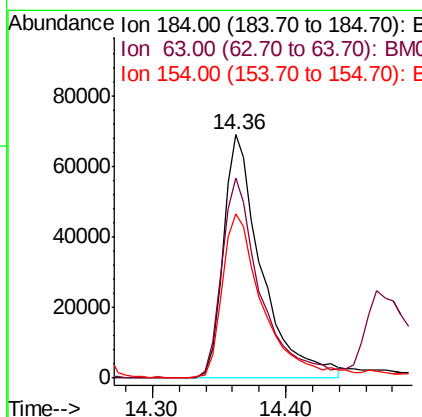
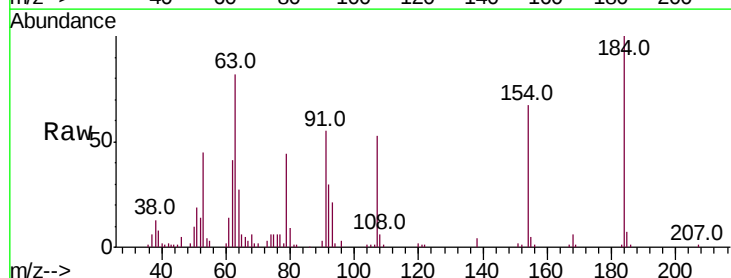
Instrument :
BNA_M
ClientSampleId :

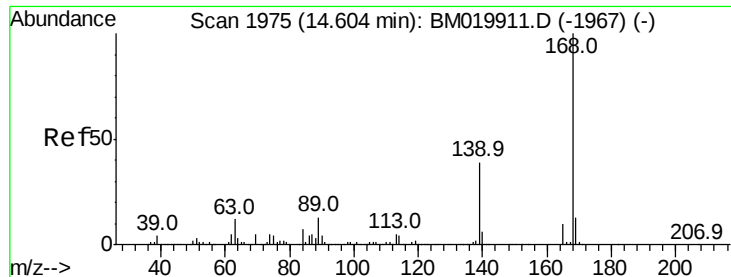
Tot Ion:138 Resp: 130810
Ion Ratio Lower Upper
138 100
108 10.1 8.9 13.3
92 128.2 103.8 155.8



#54
2,4-Dinitrophenol
Concen: 69.330 ng
RT: 14.36 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:184 Resp: 137384
Ion Ratio Lower Upper
184 100
63 82.1 62.3 93.5
154 67.2 53.0 79.6

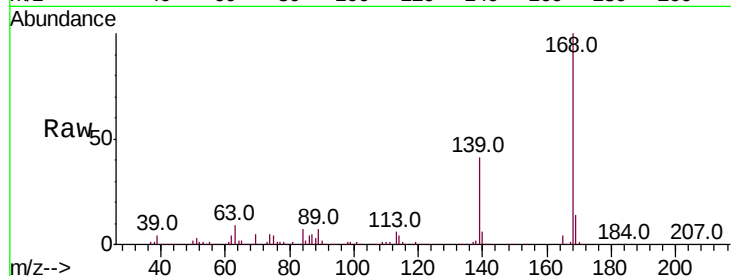




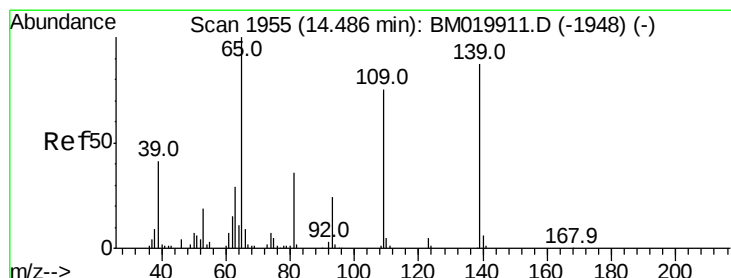
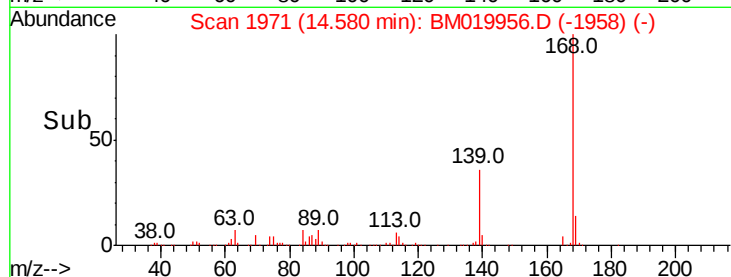
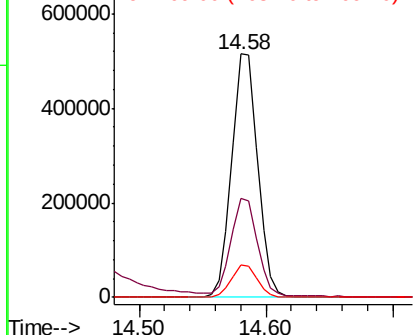
#55
Dibenzofuran
Concen: 40.525 ng
RT: 14.58 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 730166
Ion Ratio Lower Upper
168 100
139 40.9 31.5 47.3
169 13.5 10.6 16.0

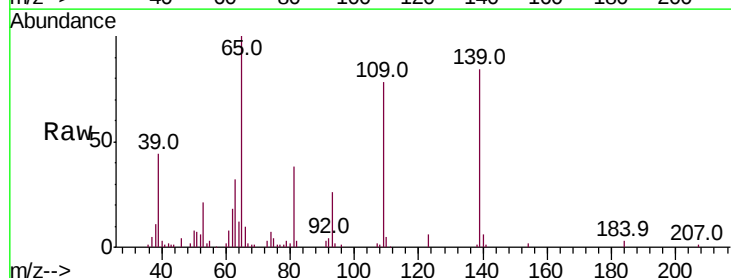


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

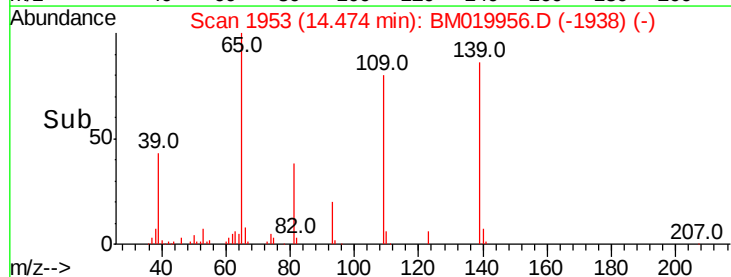
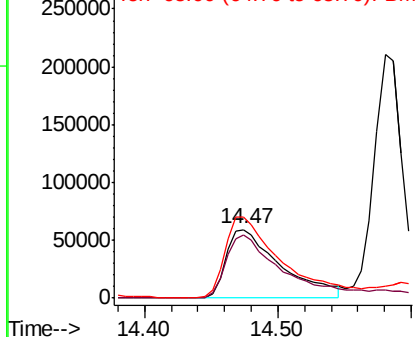


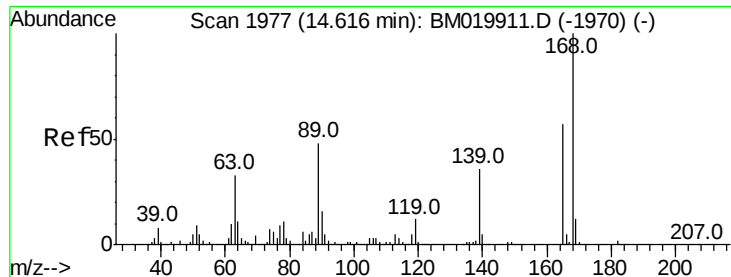
#56
4-Nitrophenol
Concen: 64.700 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:139 Resp: 168679
Ion Ratio Lower Upper
139 100
109 92.7 65.3 105.3
65 119.0 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): BM

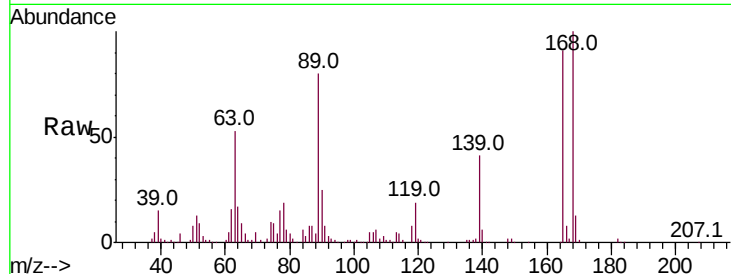




#57
2,4-Dinitrotoluene
Concen: 38.275 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	46.0	69.0
89	88.0	67.5	101.3
182	2.6	2.4	3.6



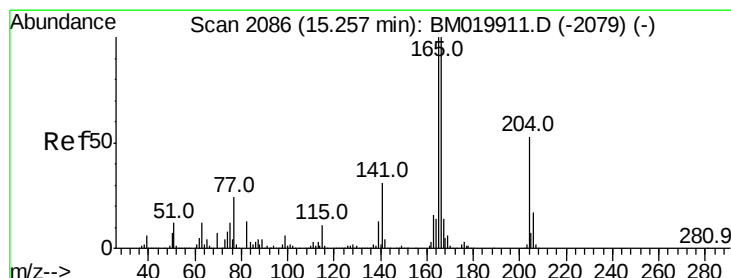
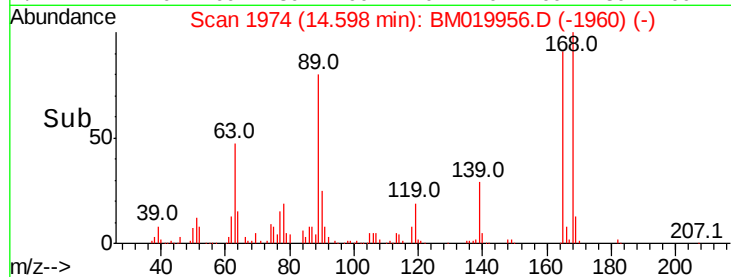
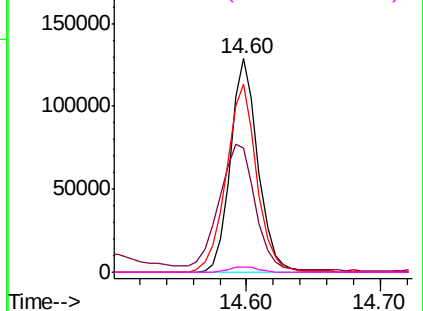
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

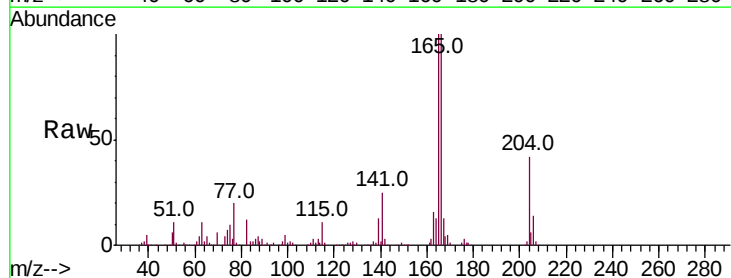
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.643 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.1	120.1
167	13.4	11.0	16.4

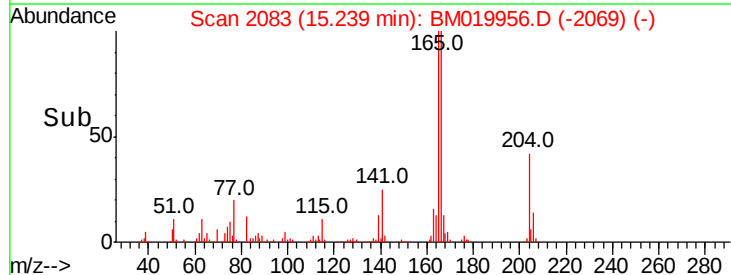
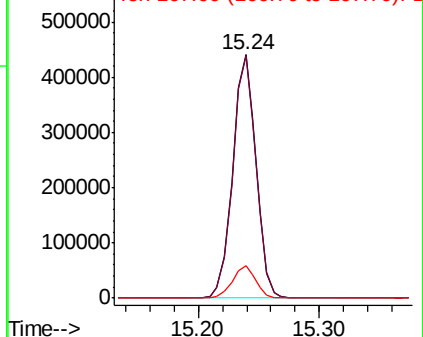


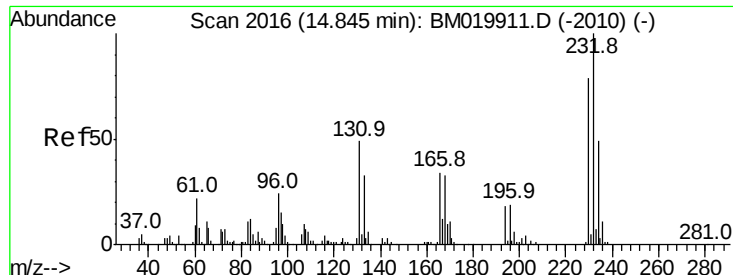
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

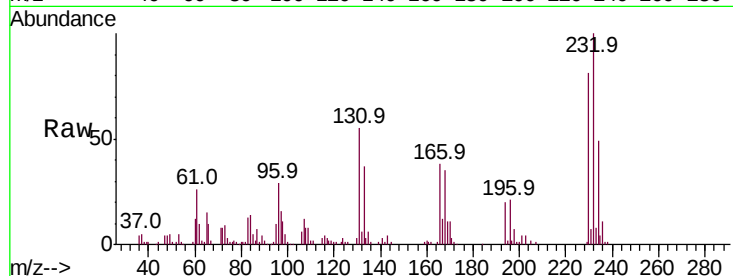




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.744 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.2	42.1	63.1
130	2.8	2.2	3.4
166	36.5	28.1	42.1



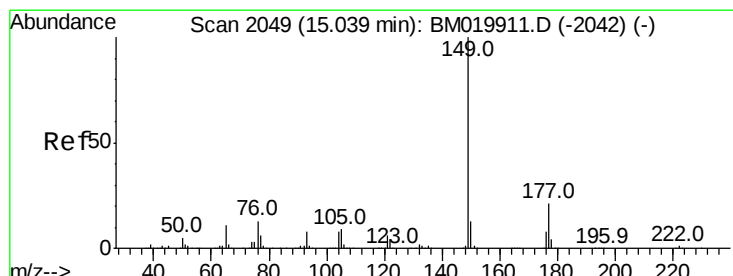
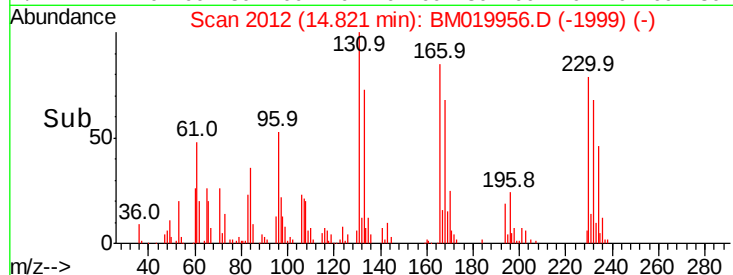
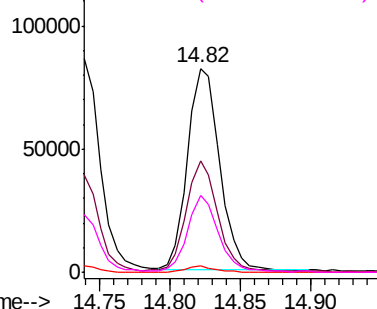
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

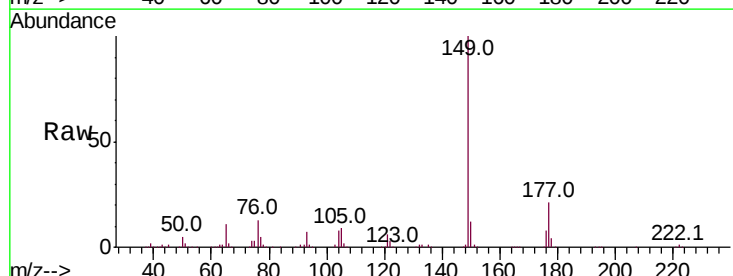
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.802 ng
RT: 15.02 min Scan# 2046
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.6	25.0
150	12.3	10.0	15.0

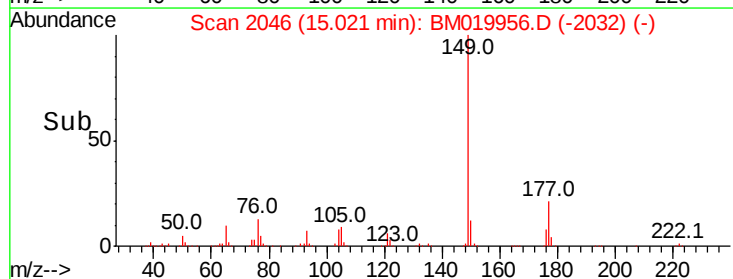
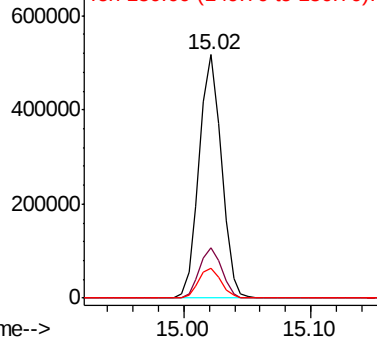


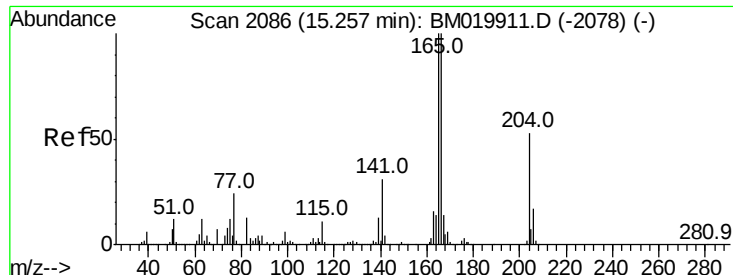
Abundance

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

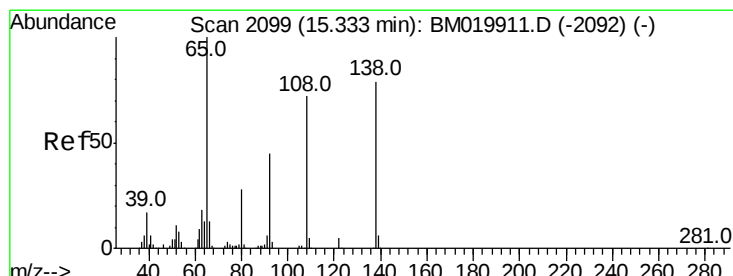
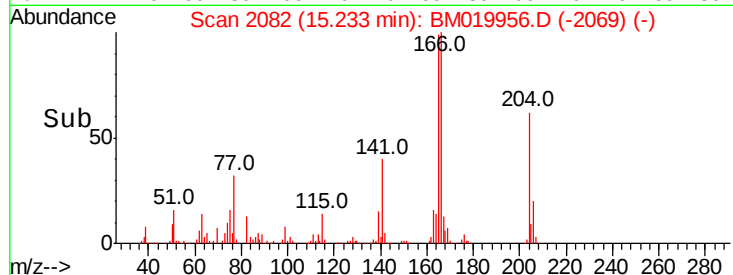
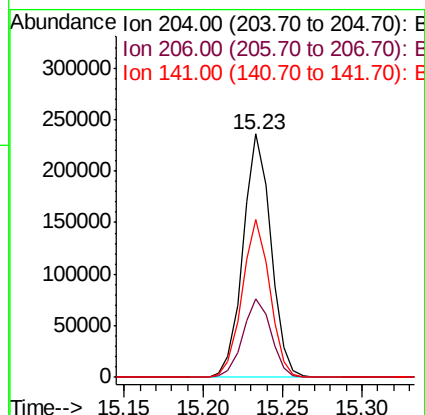
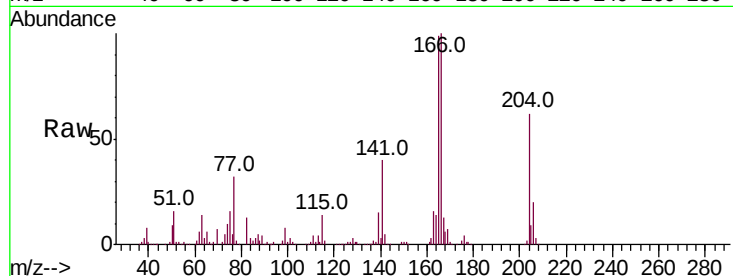




#61
4-Chlorophenyl-phenylether
Concen: 39.041 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

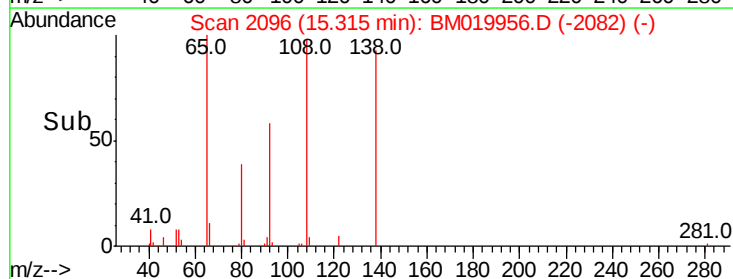
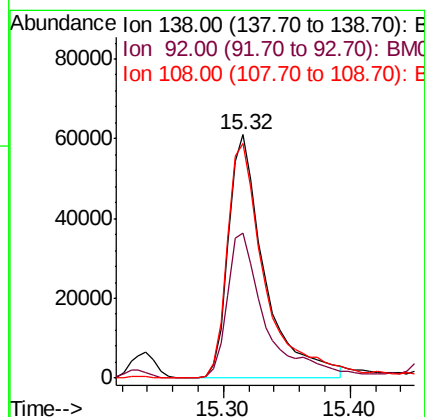
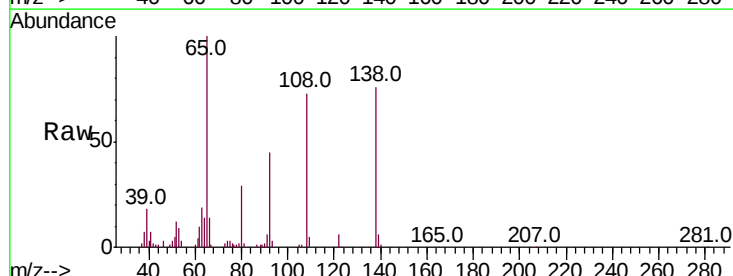
Instrument :
BNA_M
ClientSampleId :

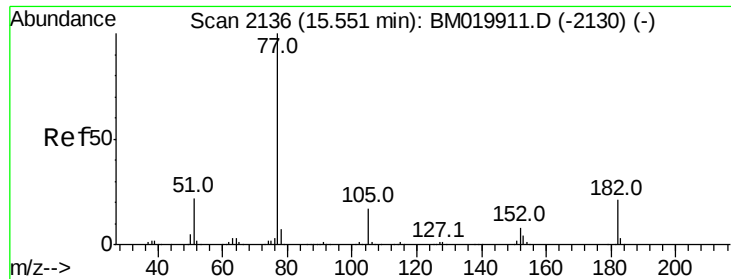
Tot Ion:204 Resp: 286978
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 64.8 47.0 70.4



#62
4-Nitroaniline
Concen: 36.459 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:138 Resp: 120946
Ion Ratio Lower Upper
138 100
92 59.6 36.8 76.8
108 96.5 71.5 111.5





#63

Azobenzene

Concen: 40.028 ng

RT: 15.53 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 678490

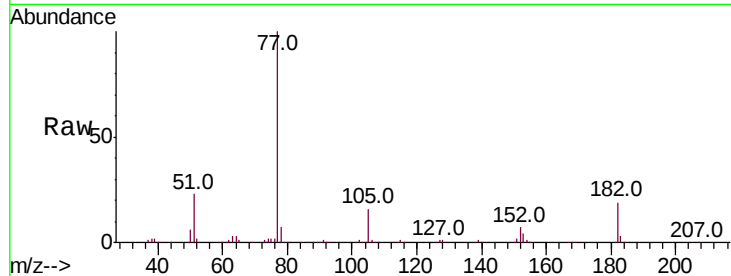
Ion Ratio Lower Upper

77 100

182 19.4 1.0 41.0

105 16.3 0.0 37.1

51 23.4 2.1 42.1

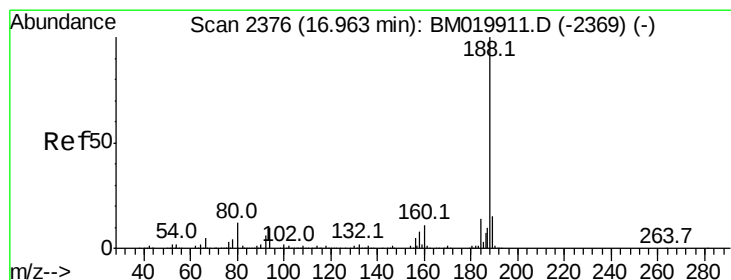
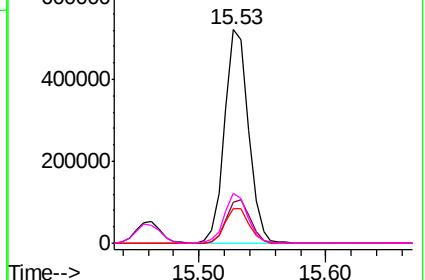
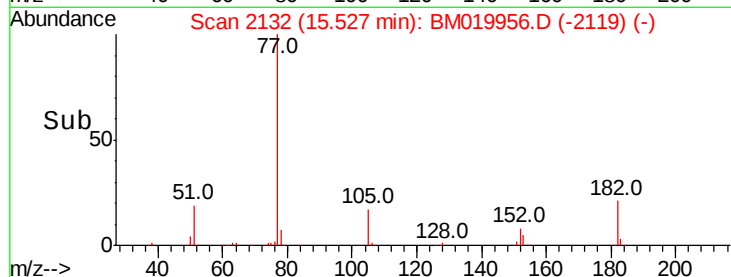


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM019956.D

Acq: 18 Apr 2019 16:40

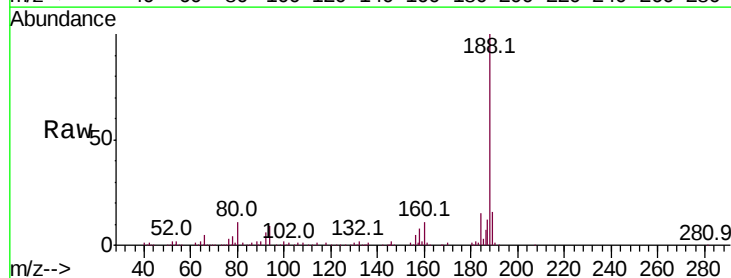
Tgt Ion: 188 Resp: 367005

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

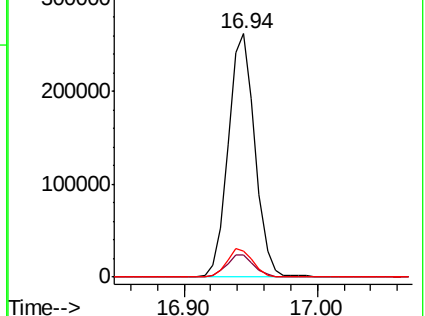
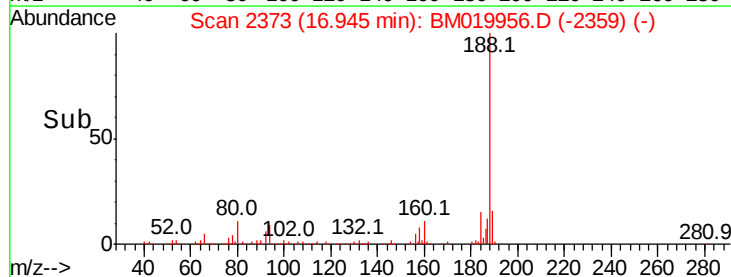
80 10.8 9.4 14.0

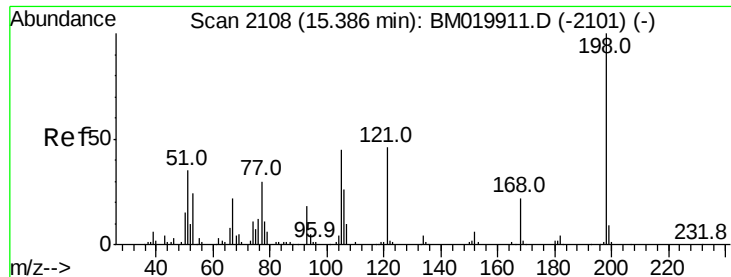


Abundance Ion 188.00 (187.70 to 188.70): E

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: 40.305 ng

RT: 15.37 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampled :

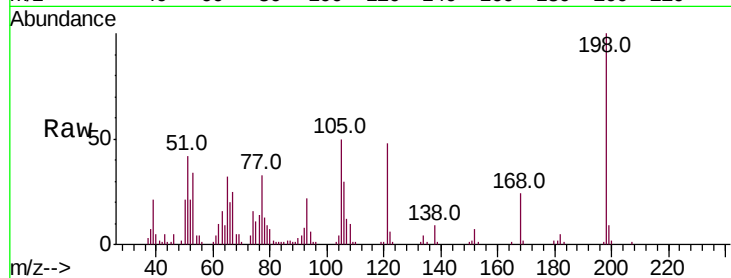
Tot Ion:198 Resp: 94379

Ion	Ratio	Lower	Upper
198	100		
51	42.1	17.9	57.9
105	49.7	26.1	66.1

198 100

51 42.1 17.9 57.9

105 49.7 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

60000

40000

20000

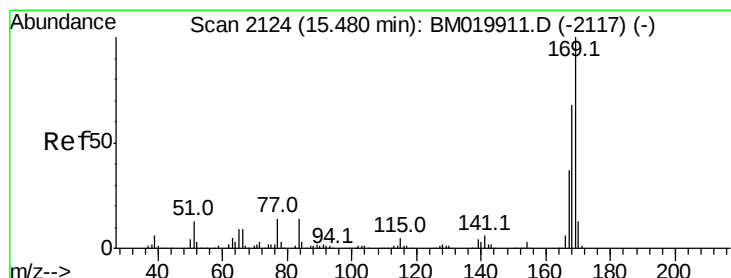
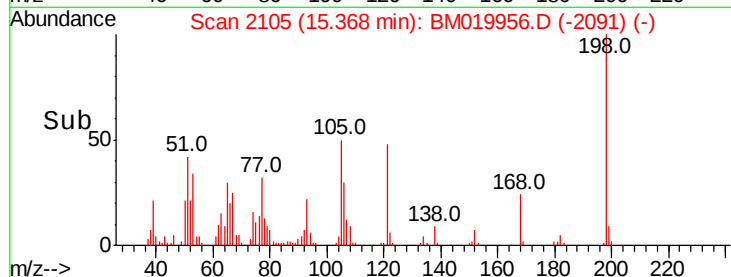
0

15.30

15.40

15.37

Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.429 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

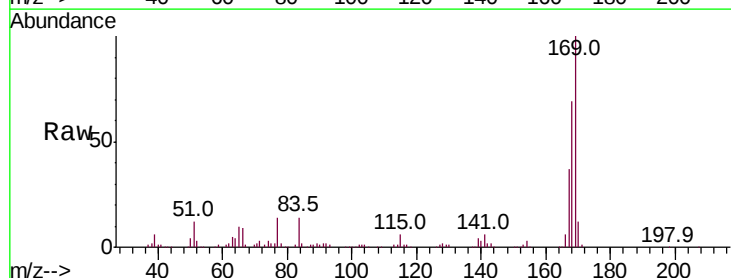
Tgt Ion:169 Resp: 497085

Ion	Ratio	Lower	Upper
169	100		
168	68.7	54.7	82.1
167	36.7	29.4	44.0

169 100

168 68.7 54.7 82.1

167 36.7 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

500000

400000

300000

200000

100000

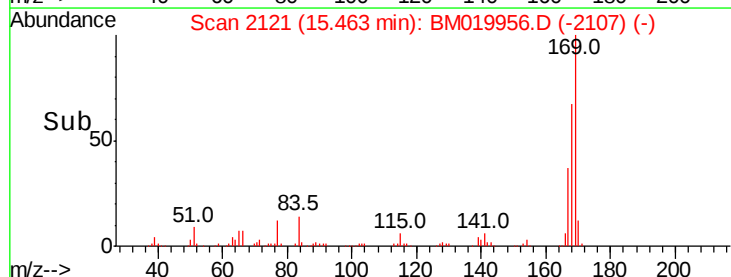
0

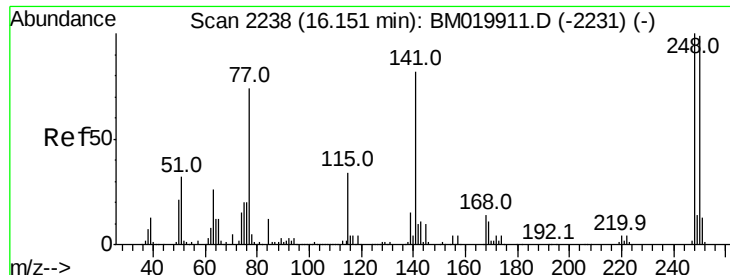
15.40

15.50

15.46

Time-->

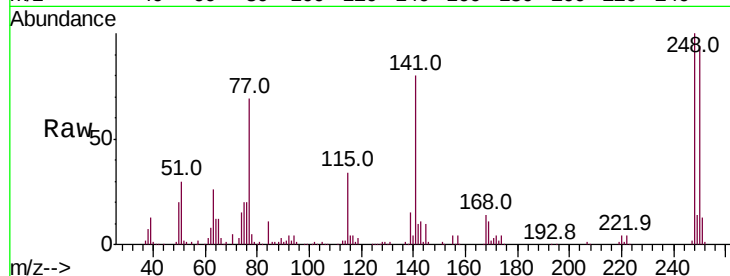




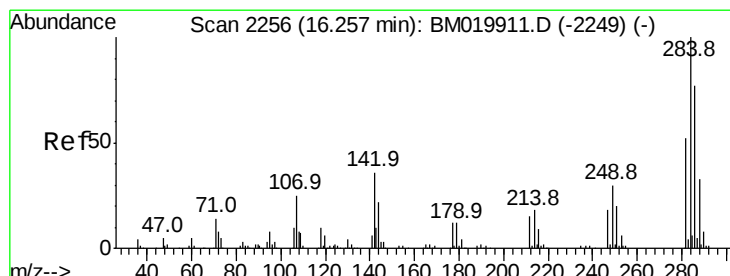
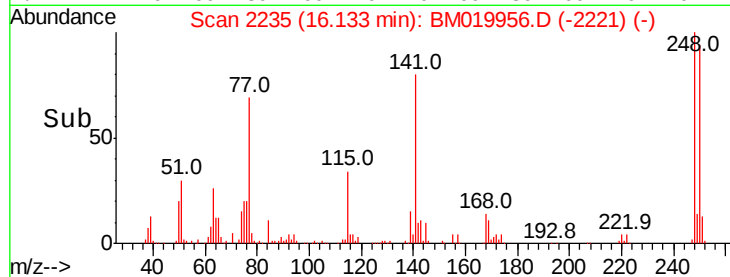
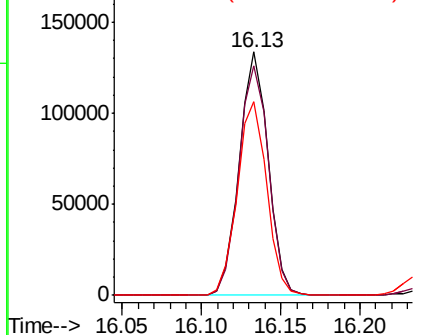
#67
 4-Bromophenyl-phenylether
 Concen: 40.064 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 169051
 Ion Ratio Lower Upper
 248 100
 250 94.3 78.9 118.3
 141 79.8 65.6 98.4

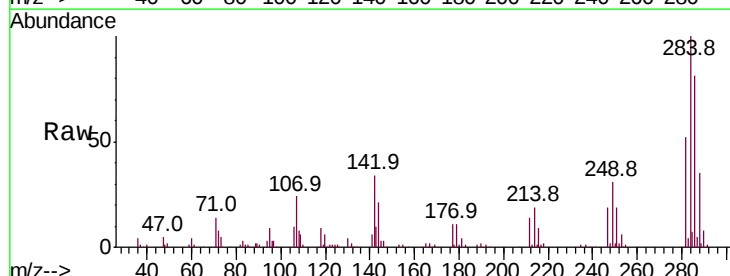


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

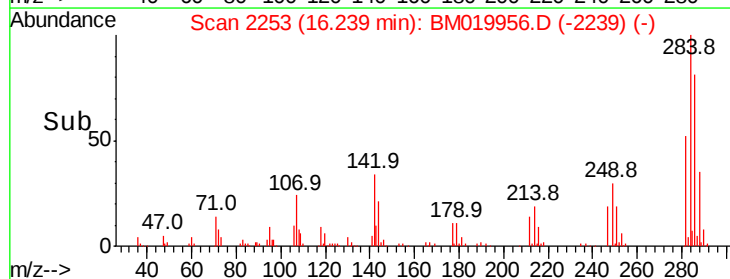
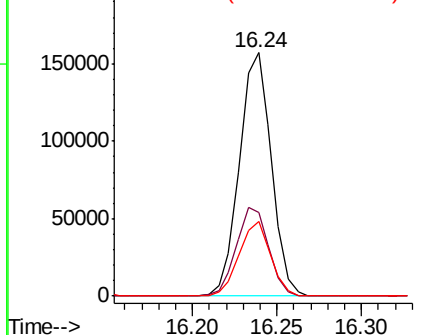


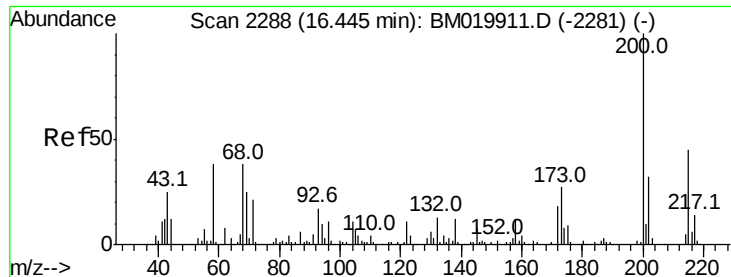
#68
 Hexachlorobenzene
 Concen: 40.885 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion:284 Resp: 206998
 Ion Ratio Lower Upper
 284 100
 142 34.4 28.9 43.3
 249 30.5 23.8 35.6



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

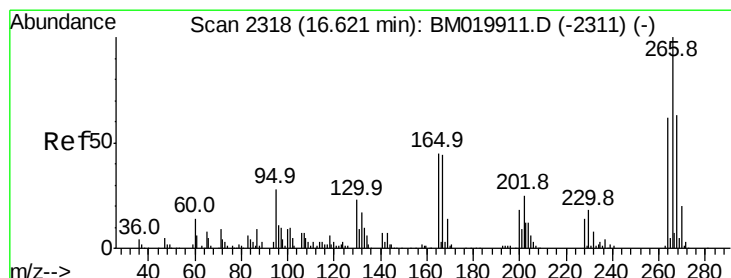
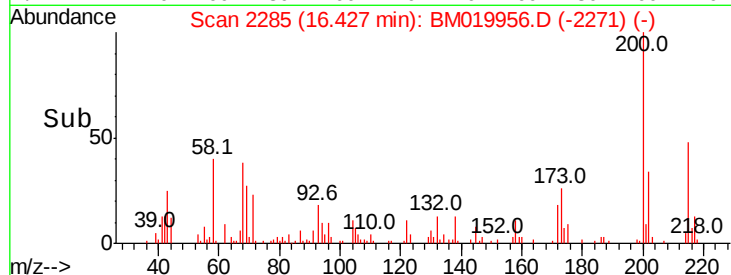
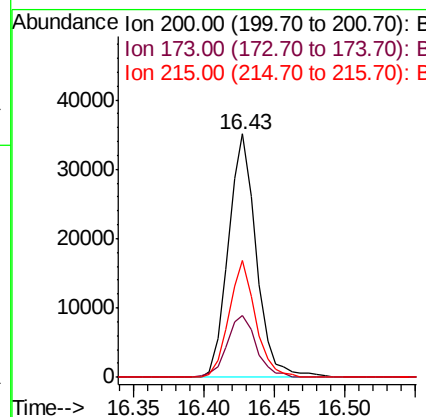
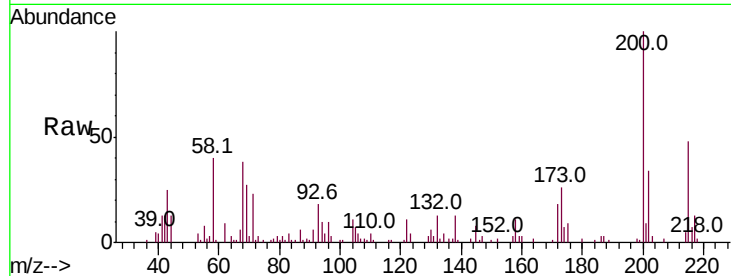




#69
 Atrazine
 Concen: 11.833 ng
 RT: 16.43 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

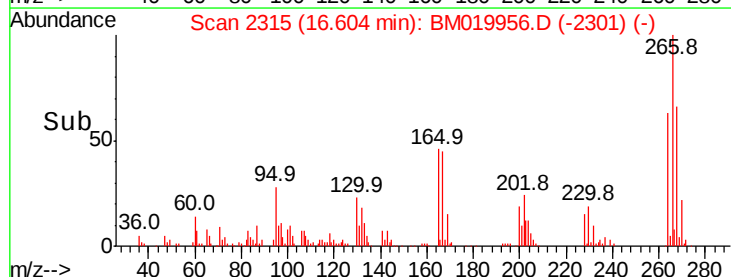
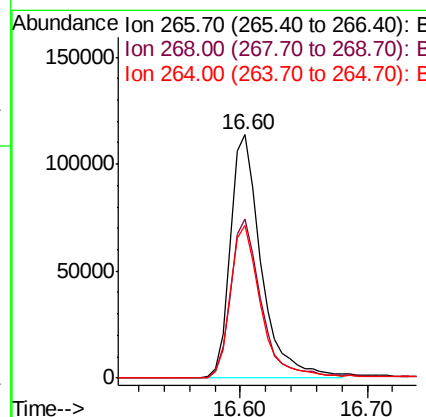
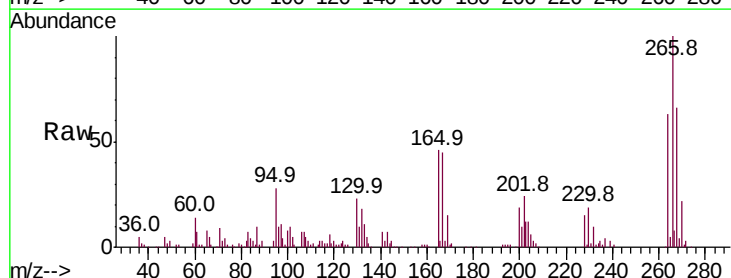
Instrument :
 BNA_M
 ClientSampleId :

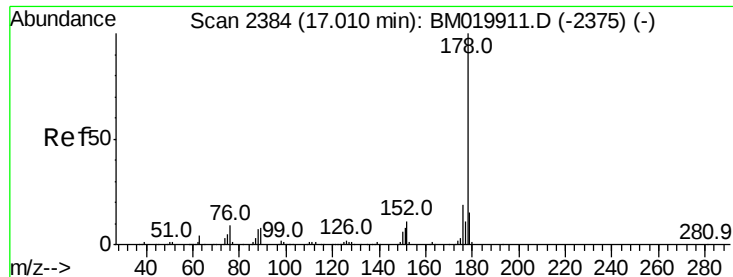
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.2	47.2
215	48.1	25.4	65.4



#70
 Pentachlorophenol
 Concen: 74.162 ng
 RT: 16.60 min Scan# 2315
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.3	75.5
264	62.7	49.8	74.8

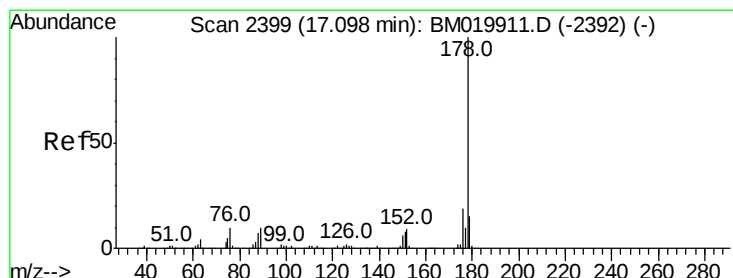
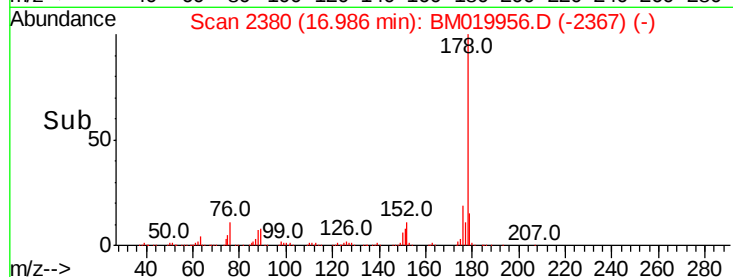
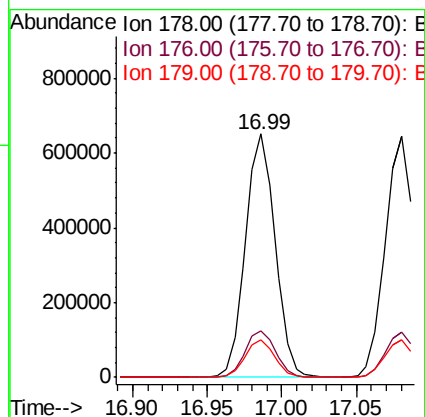
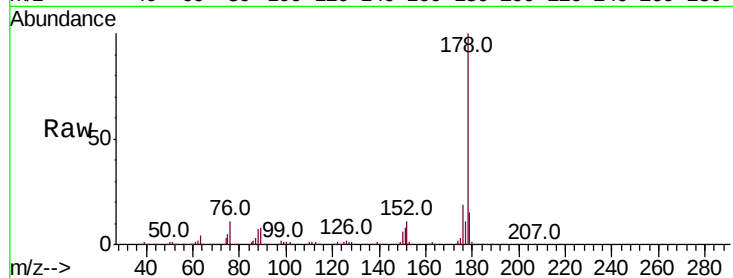




#71
Phenanthrene
Concen: 41.157 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

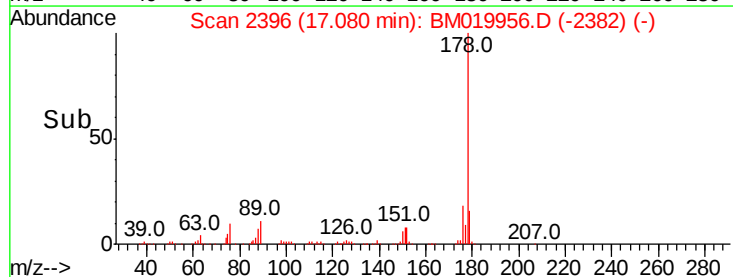
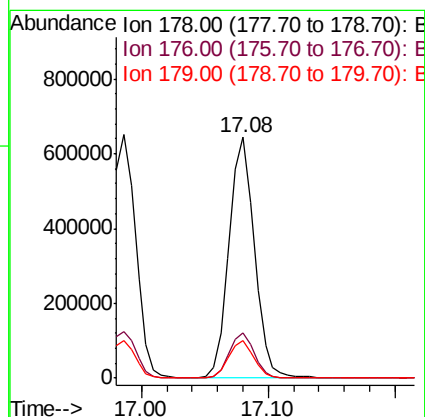
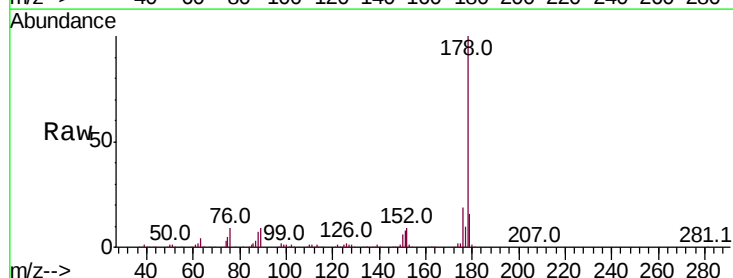
Instrument :
BNA_M
ClientSampleId :

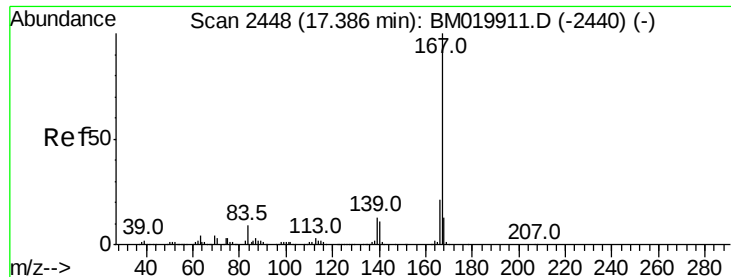
Tot Ion:178 Resp: 896359
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 40.834 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:178 Resp: 885265
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 40.050 ng

RT: 17.37 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

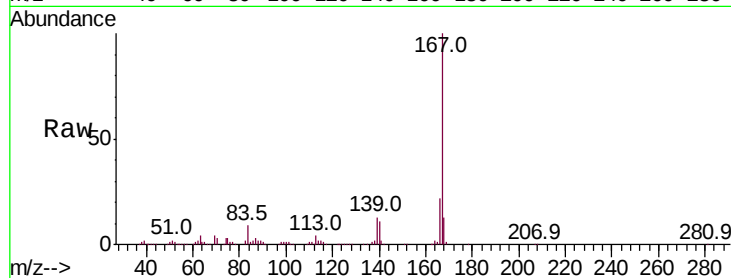
Tot Ion:167 Resp: 810654

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

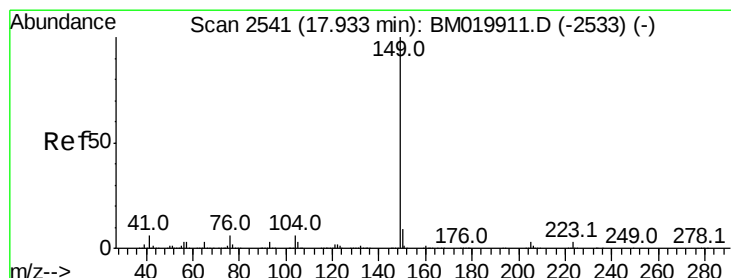
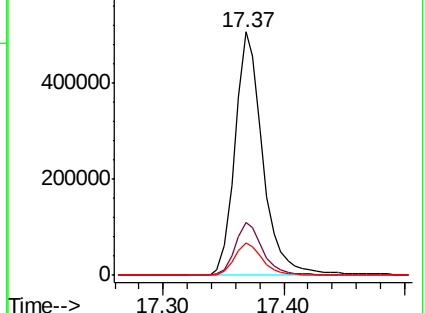
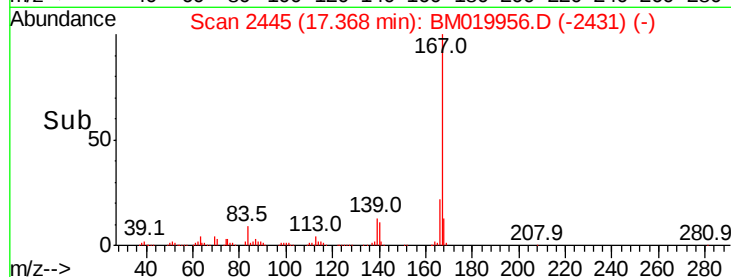
139 13.3 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.986 ng

RT: 17.91 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

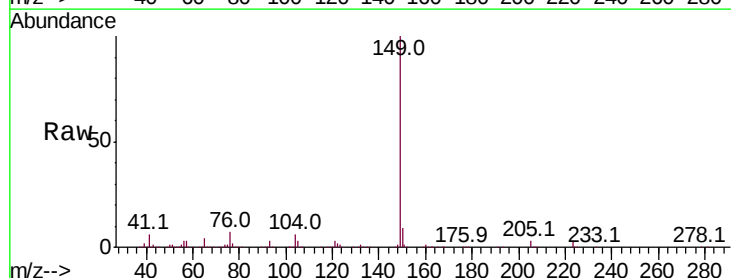
Tgt Ion:149 Resp: 1062915

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

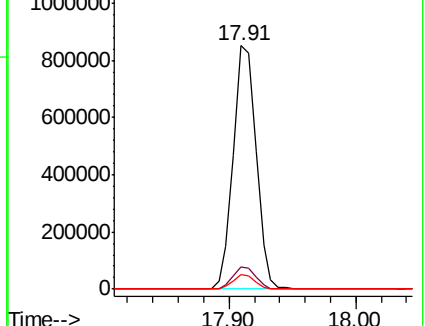
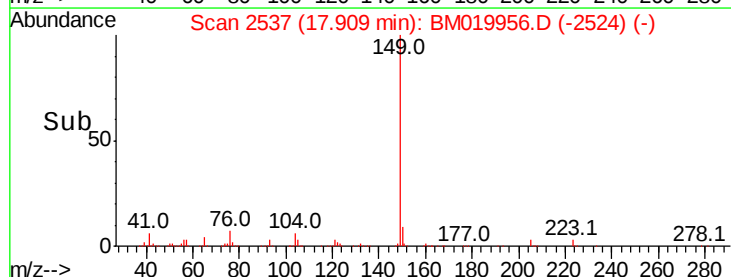
104 6.0 4.6 7.0

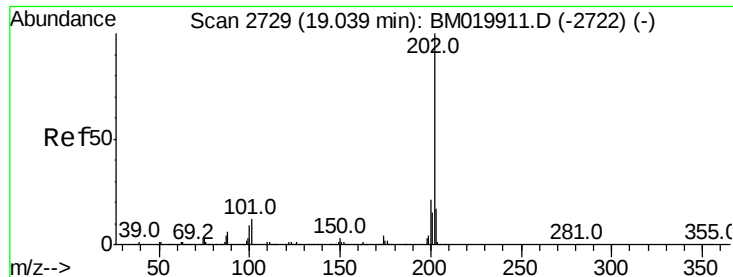


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.795 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

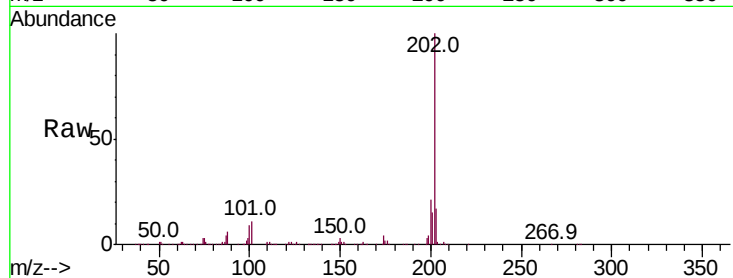
Tot Ion:202 Resp: 1022484

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.7

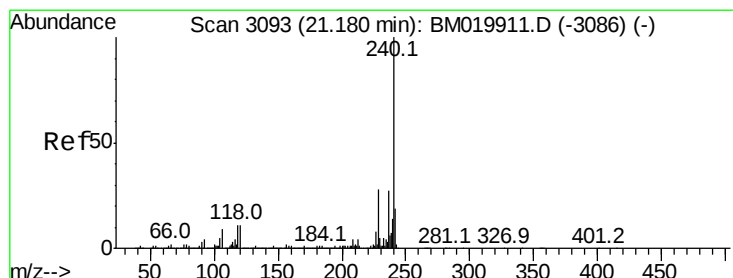
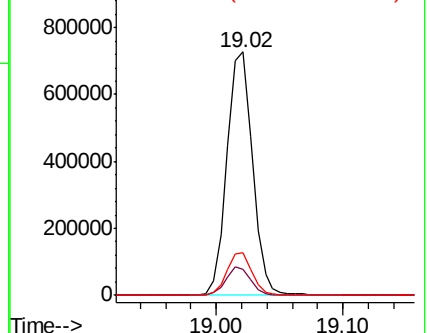
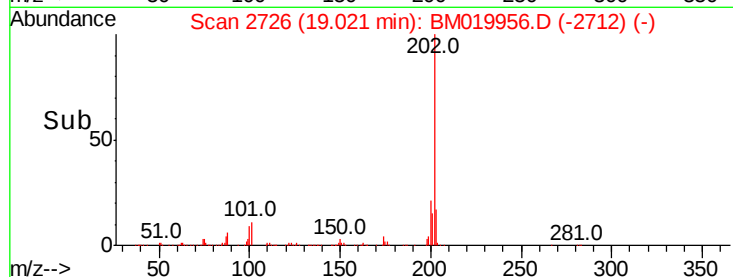
203 17.4 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

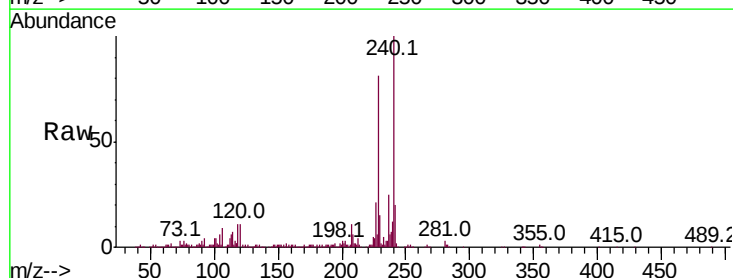
Tgt Ion:240 Resp: 408631

Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

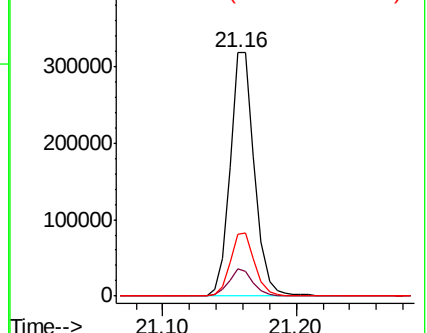
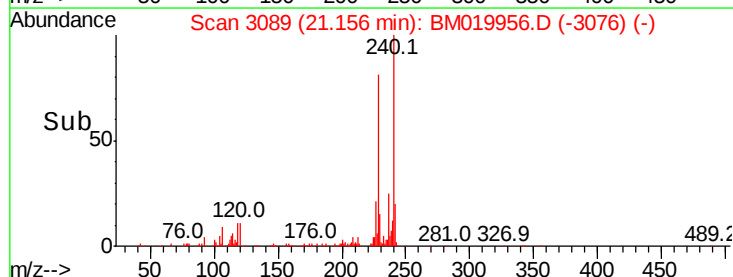
236 25.5 21.4 32.2

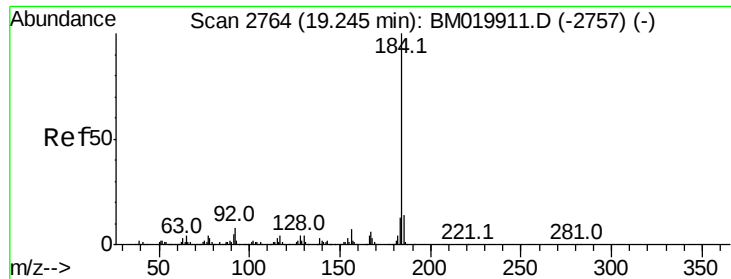


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.659 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

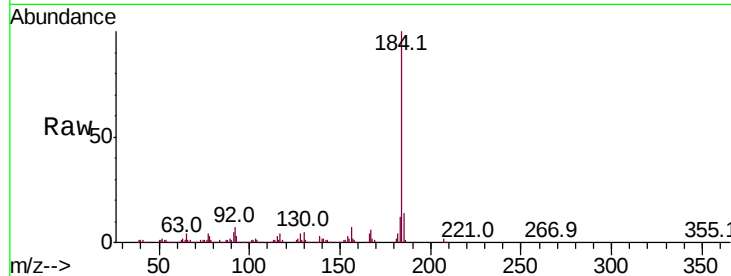
Tot Ion:184 Resp: 627542

Ion Ratio Lower Upper

184 100

185 13.8 11.0 16.6

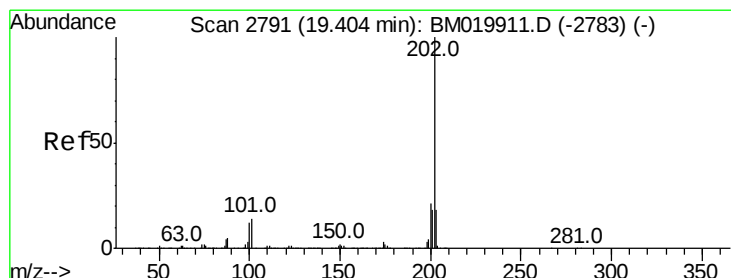
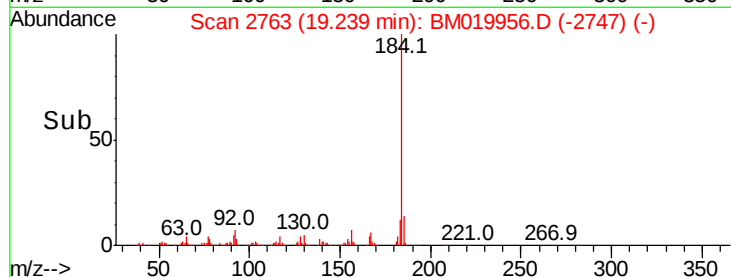
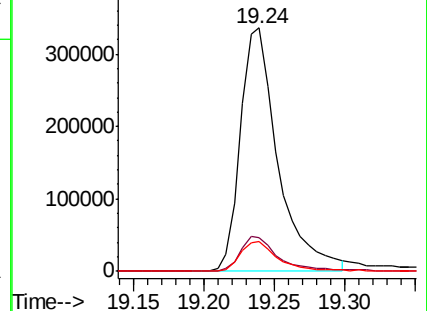
183 12.4 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.145 ng

RT: 19.39 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

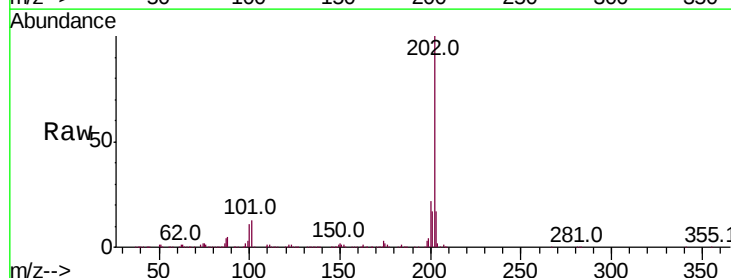
Tgt Ion:202 Resp: 1059282

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

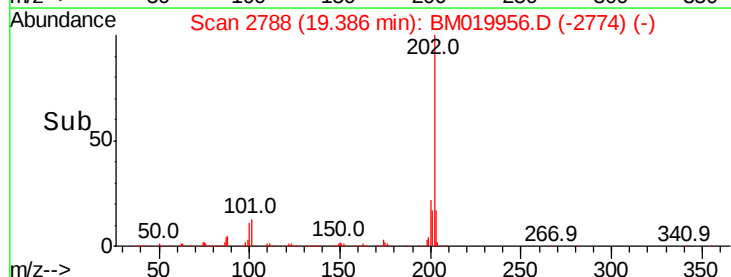
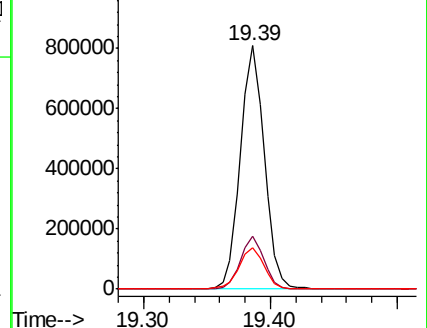
203 17.2 14.0 21.0

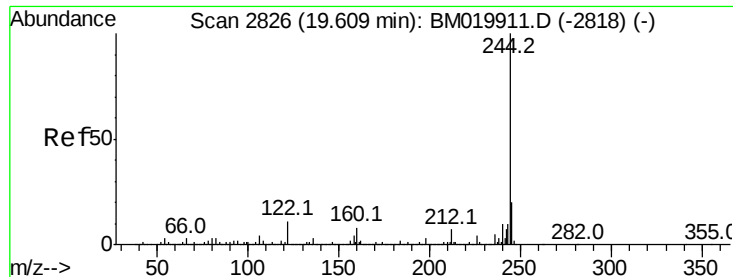


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

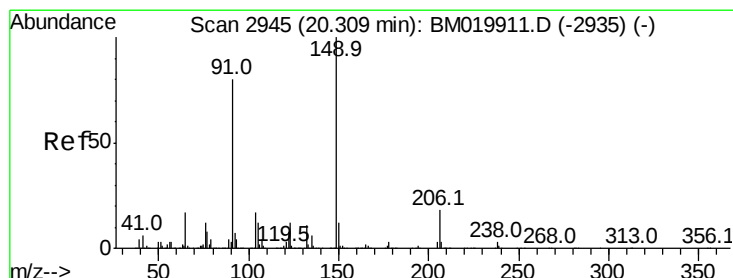
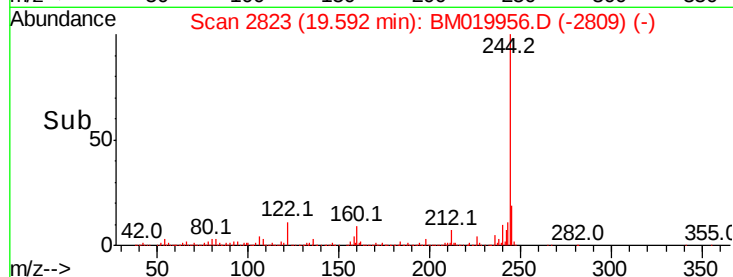
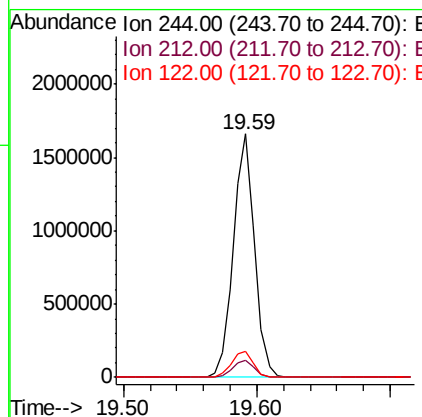
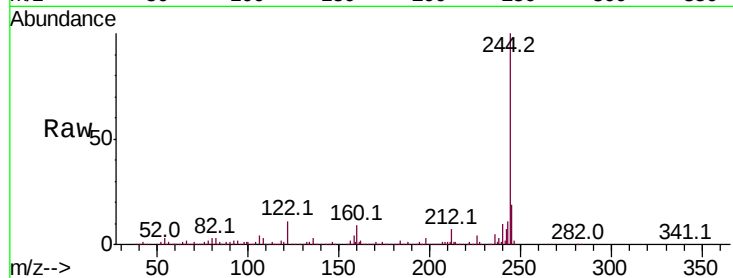




#79
 Terphenyl-d14
 Concen: 80.070 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

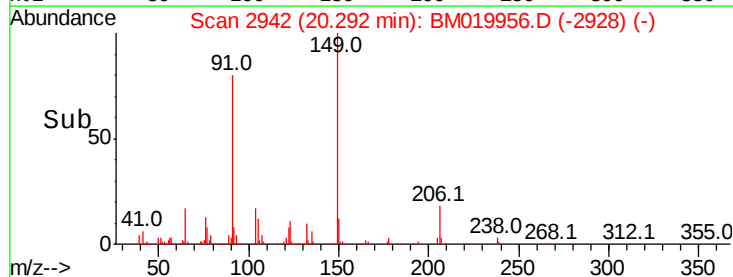
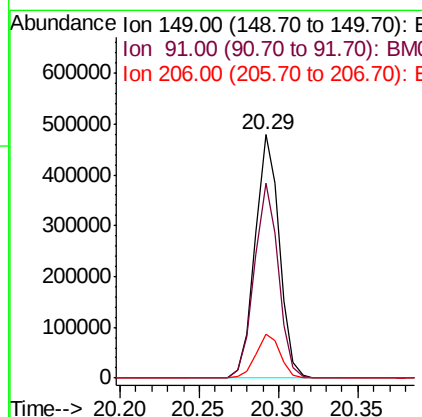
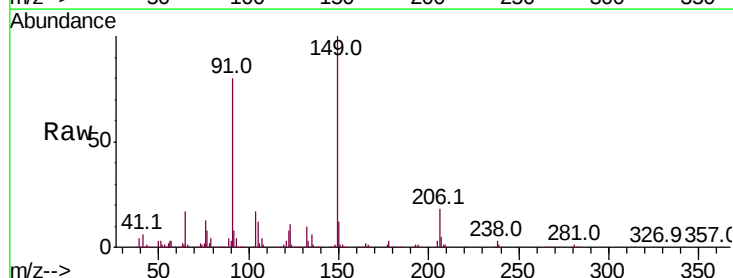
Instrument :
 BNA_M
 ClientSampled :

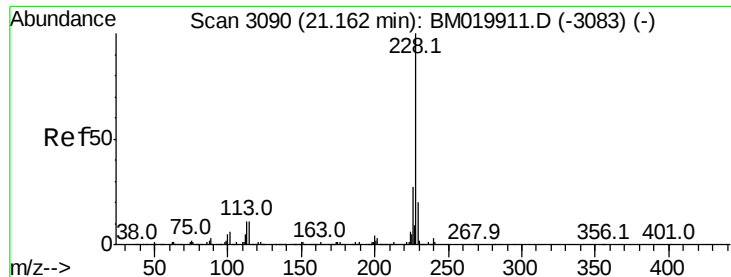
Tot Ion:244 Resp: 1855009
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.6 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 38.791 ng
 RT: 20.29 min Scan# 2942
 Delta R.T. -0.02 min
 Lab File: BM019956.D
 Acq: 18 Apr 2019 16:40

Tgt Ion:149 Resp: 508923
 Ion Ratio Lower Upper
 149 100
 91 80.2 63.7 95.5
 206 17.9 14.6 21.8





#81

Benzo(a)anthracene

Concen: 40.858 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

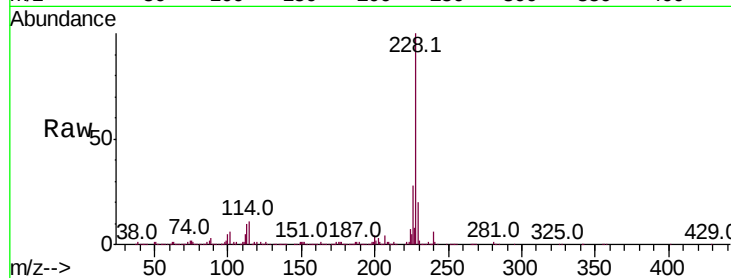
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1057626

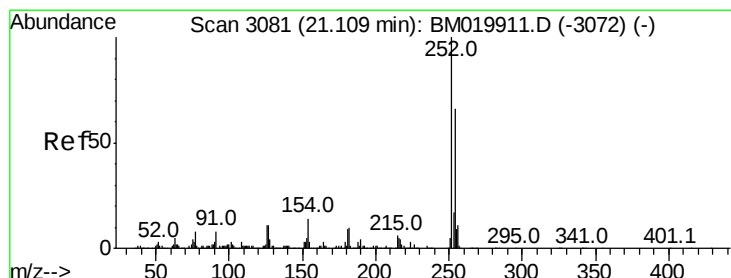
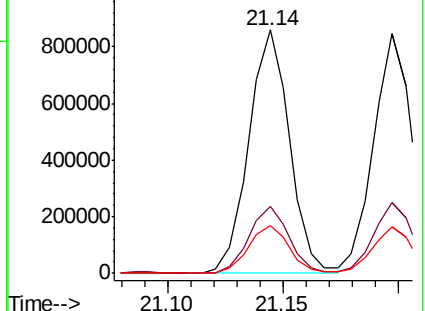
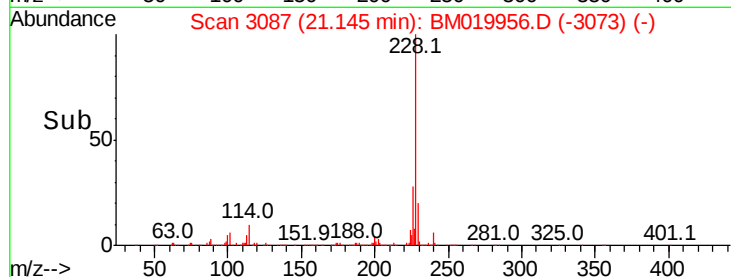
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	19.6	15.9	23.9



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: 43.376 ng

RT: 21.09 min Scan# 3078

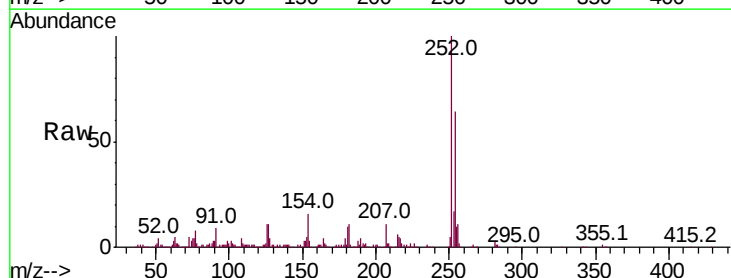
Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:252 Resp: 417750

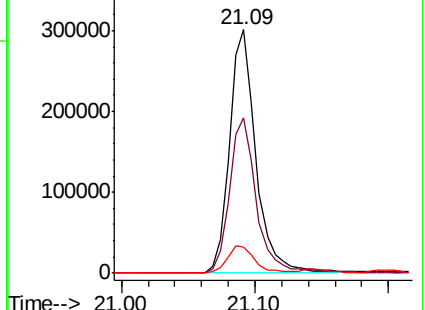
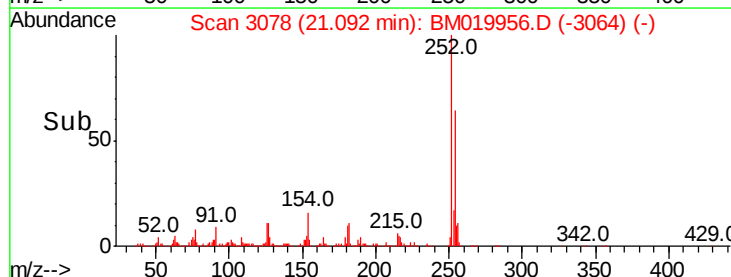
Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	78.8
126	10.7	8.6	12.8

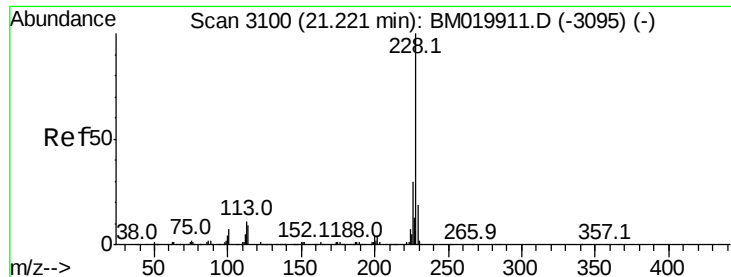


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.427 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampled :

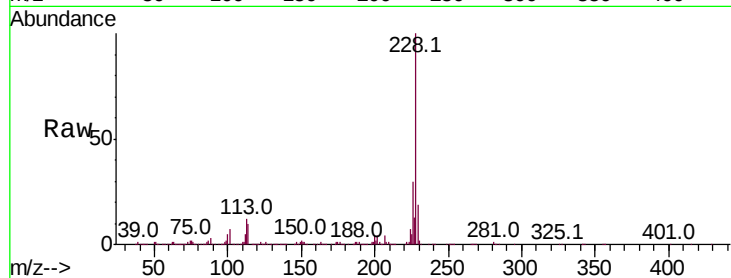
Tot Ion:228 Resp: 1003592

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

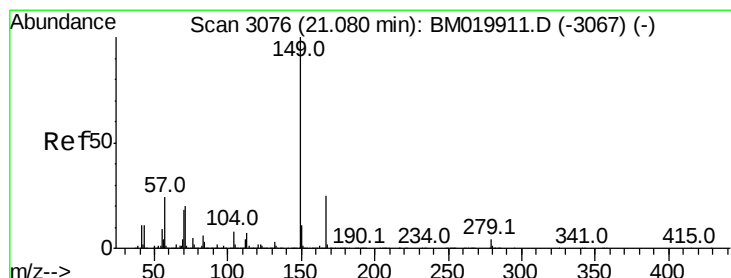
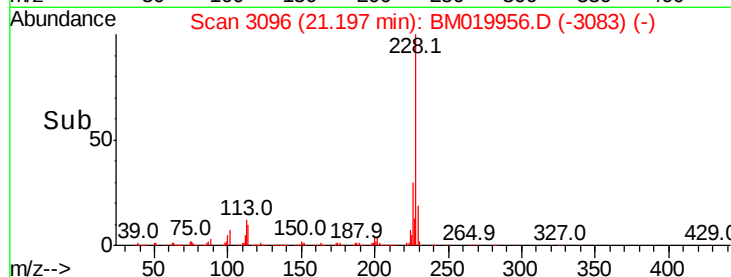
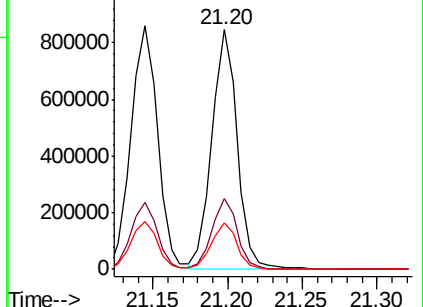
229 19.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.342 ng

RT: 21.06 min Scan# 3073

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

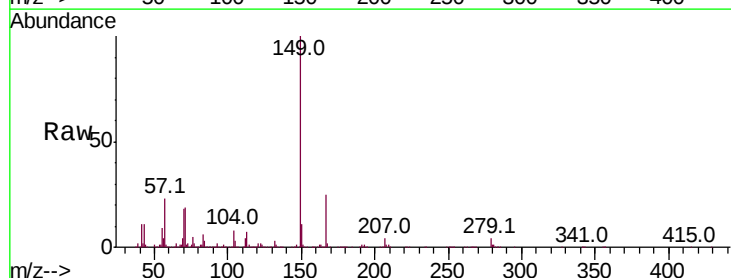
Tgt Ion:149 Resp: 748894

Ion Ratio Lower Upper

149 100

167 24.7 20.3 30.5

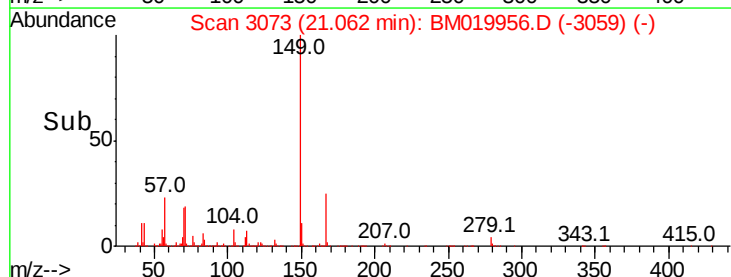
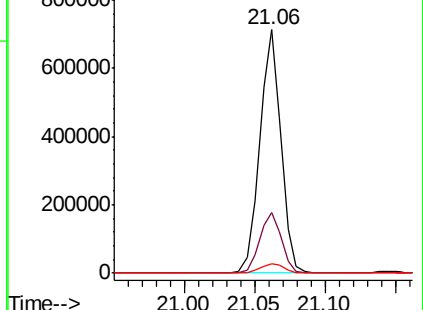
279 4.0 3.4 5.2

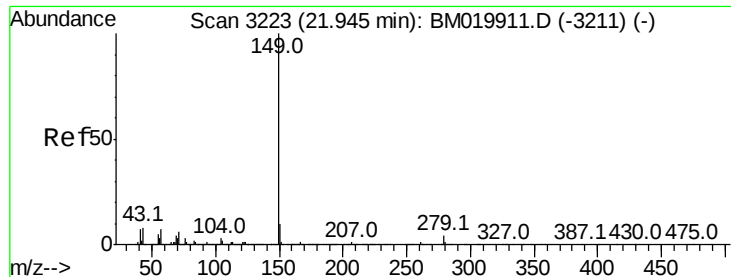


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.744 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

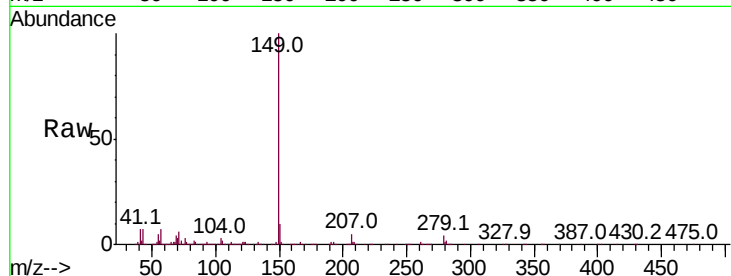
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1322975

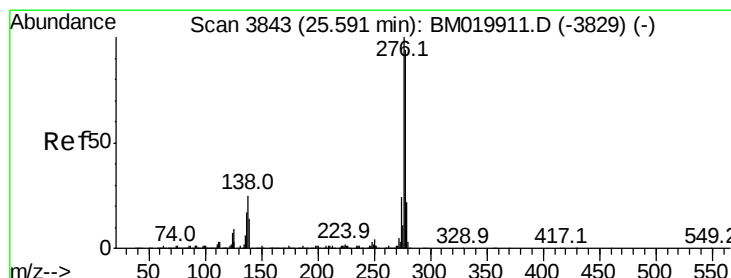
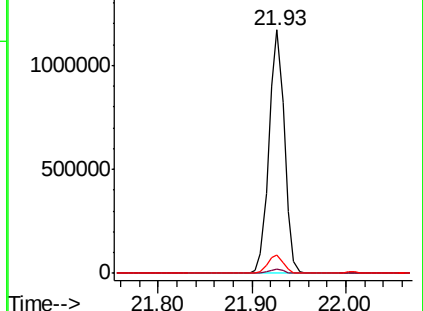
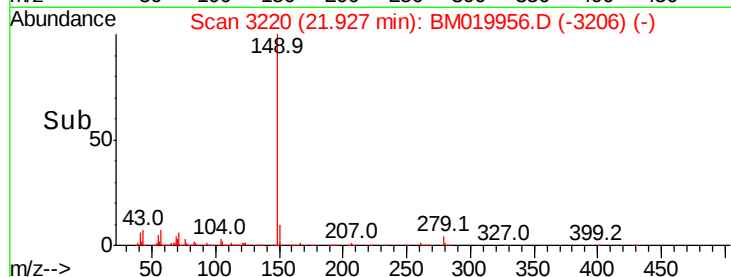
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.6	6.0	9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.873 ng

RT: 25.54 min Scan# 3835

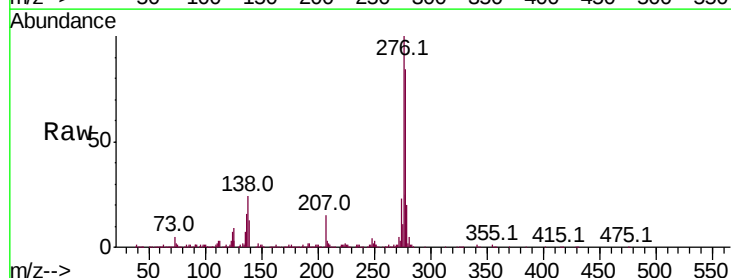
Delta R.T. -0.05 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:276 Resp: 1486563

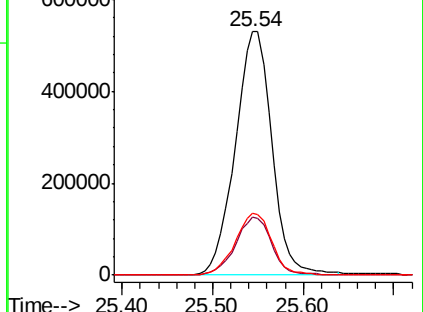
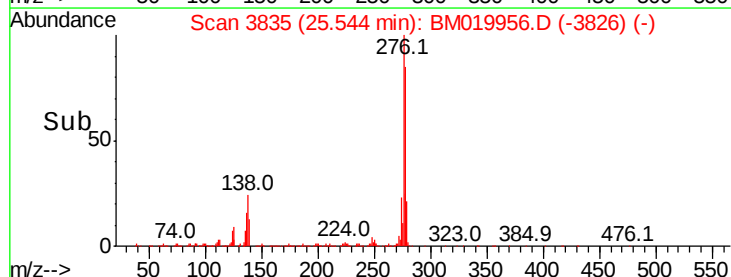
Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.0	28.6
277	25.4	20.3	30.5

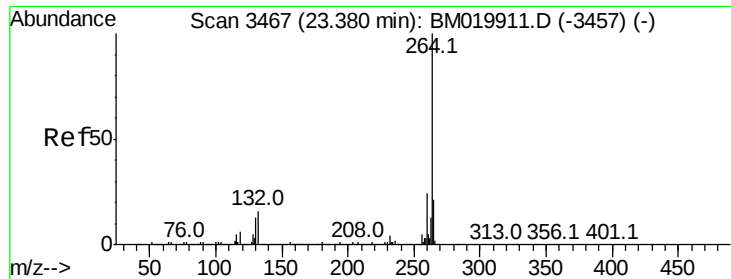


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



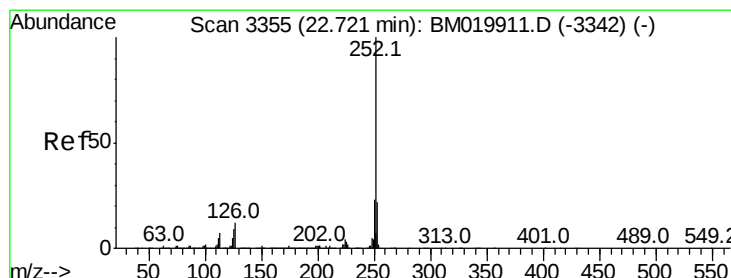
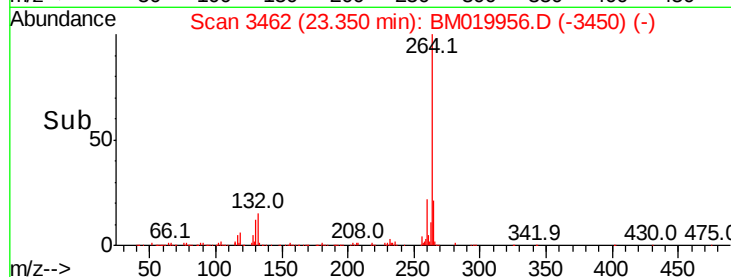
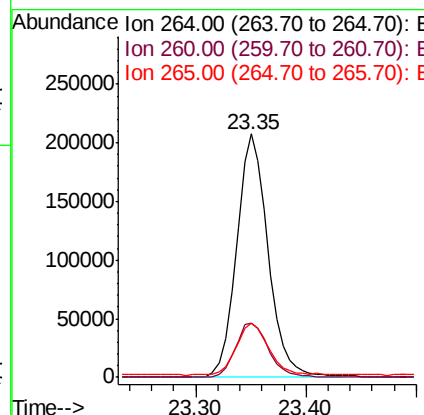
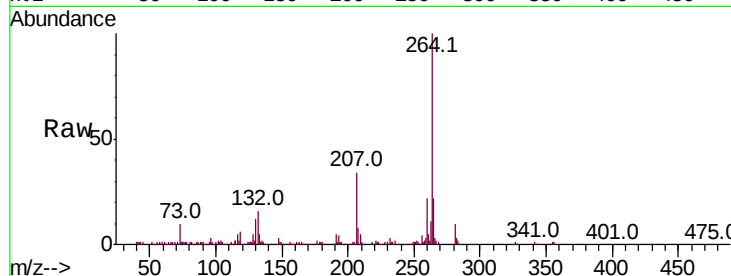


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.03 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:264 Resp: 415475

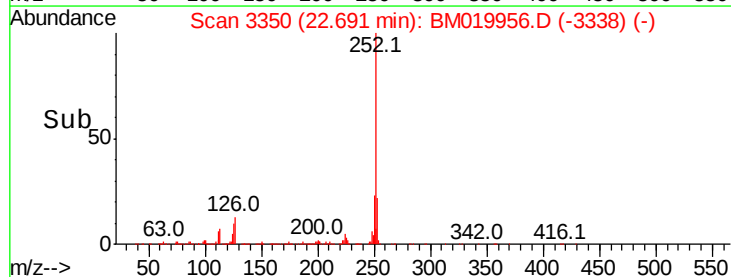
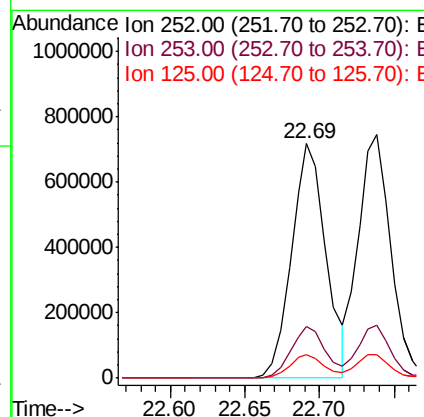
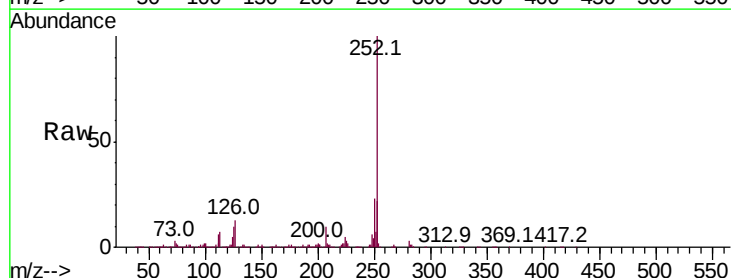
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.3	17.2	25.8

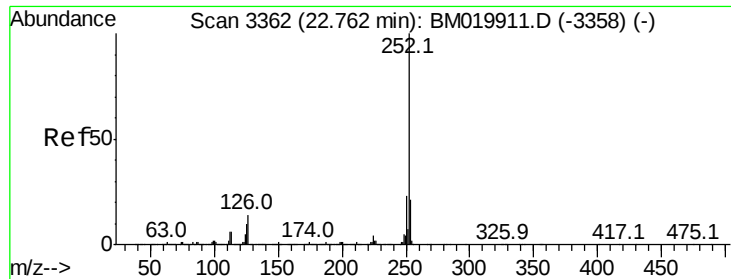


#88
Benzo(b)fluoranthene
Concen: 41.755 ng
RT: 22.69 min Scan# 3350
Delta R.T. -0.03 min
Lab File: BM019956.D
Acq: 18 Apr 2019 16:40

Tgt Ion:252 Resp: 1151943

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.1	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 43.583 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Instrument :

BNA_M

ClientSampleId :

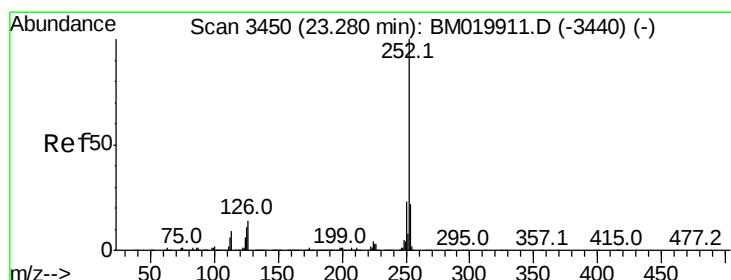
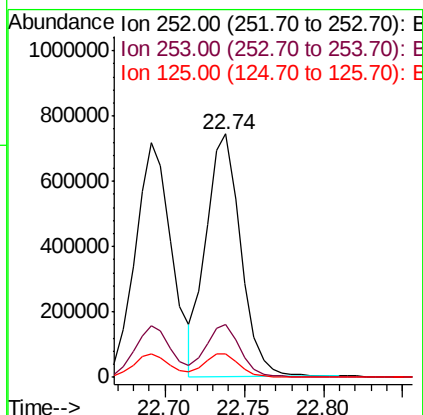
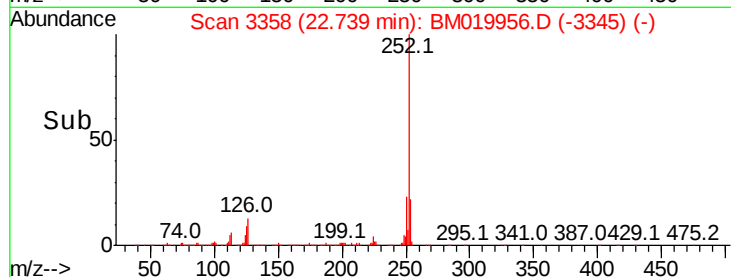
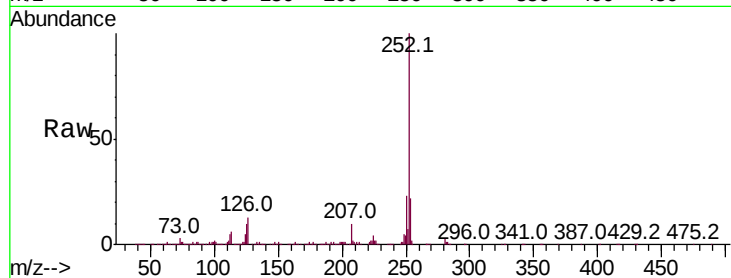
Tot Ion:252 Resp: 1131958

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.6 8.2 12.4



#90

Benzo(a)pyrene

Concen: 45.455 ng

RT: 23.26 min Scan# 3446

Delta R.T. -0.02 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

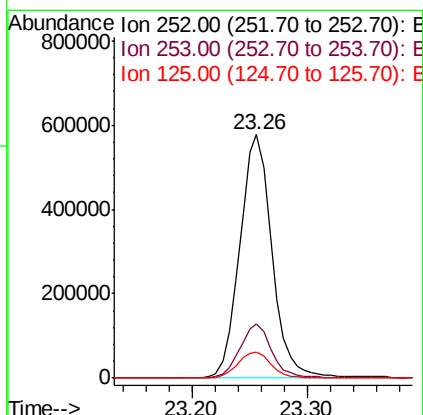
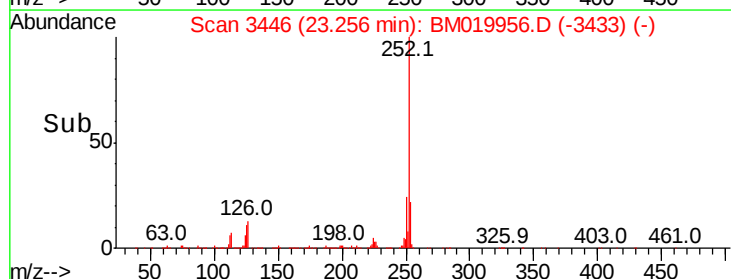
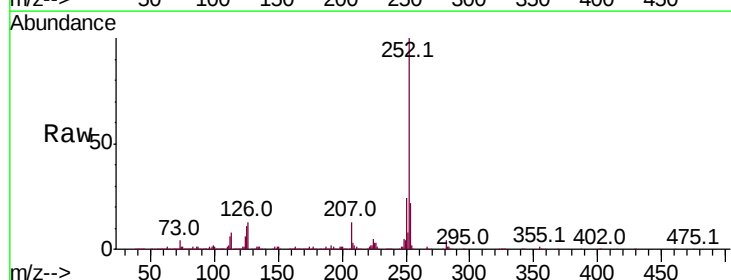
Tgt Ion:252 Resp: 1111122

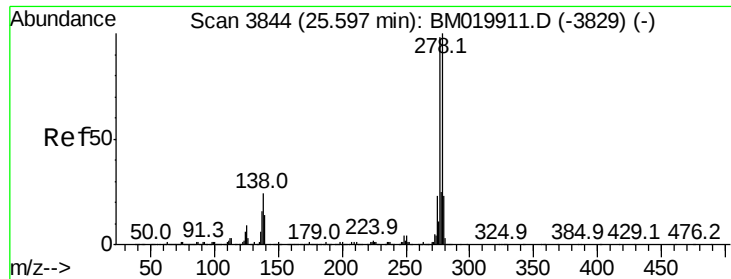
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 10.9 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 53.932 ng

RT: 25.55 min Scan# 3836

Delta R.T. -0.05 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

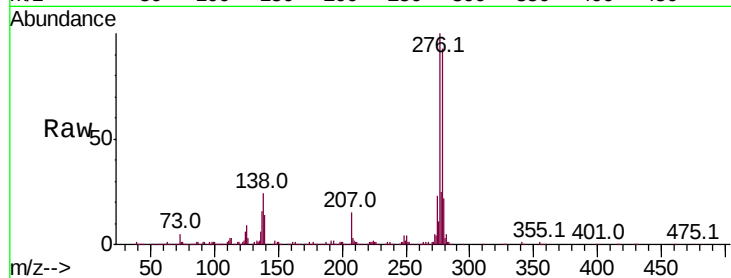
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1271053

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	23.5	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

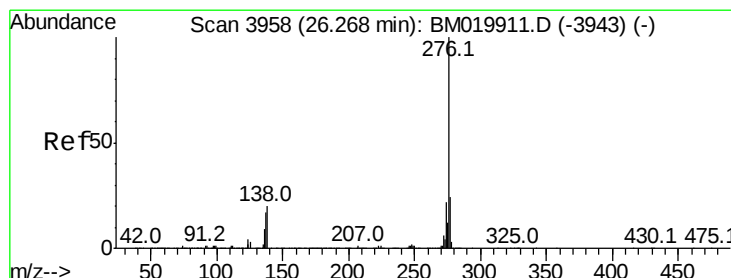
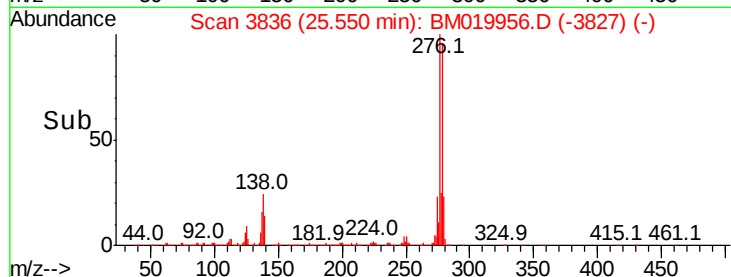
25.55

400000

200000

0

Time--> 25.40 25.50 25.60



#92

Benzo(g,h,i)perylene

Concen: 57.191 ng

RT: 26.21 min Scan# 3949

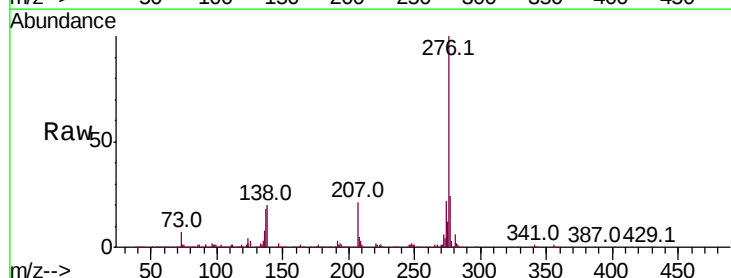
Delta R.T. -0.05 min

Lab File: BM019956.D

Acq: 18 Apr 2019 16:40

Tgt Ion:276 Resp: 1220817

Ion	Ratio	Lower	Upper
276	100		
277	23.7	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

26.21

400000

300000

200000

100000

0

Time--> 26.10 26.20 26.30

