

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019955.D
 Acq On : 18 Apr 2019 16:03
 Operator : JU/SJ
 Sample : PB118968BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:40:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	84112	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	334925	20.00	ng	-0.02
39) Acenaphthene-d10	14.17	164	177872	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	381934	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	428160	20.00	ng	-0.02
87) Perylene-d12	23.35	264	421776	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	405378	78.11	ng	-0.02
7) Phenol-d6	6.71	99	565239	72.37	ng	-0.02
23) Nitrobenzene-d5	8.69	82	599190	80.01	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	213435	74.54	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1154107	80.86	ng	-0.02
79) Terphenyl-d14	19.59	244	1934708	79.70	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	97436	43.505	ng	100
3) Pyridine	3.50	79	267554	42.657	ng	99
4) n-Nitrosodimethylamine	3.43	42	79802	39.495	ng	# 94
6) Aniline	6.86	93	362996	35.981	ng	100
8) 2-Chlorophenol	7.08	128	241854	37.467	ng	100
9) Benzaldehyde	6.69	77	180957	39.044	ng	99
10) Phenol	6.73	94	315049	36.917	ng	96
11) bis(2-Chloroethyl)ether	6.96	93	235444	37.708	ng	99
12) 1,3-Dichlorobenzene	7.39	146	269954	39.835	ng	97
13) 1,4-Dichlorobenzene	7.55	146	273309	39.750	ng	99
14) 1,2-Dichlorobenzene	7.85	146	266721	39.123	ng	98
15) Benzyl Alcohol	7.77	79	250128	35.225	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.05	45	217090	36.472	ng	98
17) 2-Methylphenol	7.97	107	202889	35.921	ng	98
18) Hexachloroethane	8.56	117	104200	38.987	ng	99
19) n-Nitroso-di-n-propylamine	8.32	70	224949	32.762	ng	99
20) 3+4-Methylphenols	8.30	107	273238	35.216	ng	99
22) Acetophenone	8.35	105	386905	42.413	ng	# 98
24) Nitrobenzene	8.73	77	326263	42.054	ng	98
25) Isophorone	9.24	82	552513	37.899	ng	99
26) 2-Nitrophenol	9.43	139	130965	39.613	ng	99
27) 2,4-Dimethylphenol	9.49	122	187493	40.109	ng	97
28) bis(2-Chloroethoxy)methane	9.72	93	311684	38.180	ng	99
29) 2,4-Dichlorophenol	9.96	162	212734	40.070	ng	97
30) 1,2,4-Trichlorobenzene	10.15	180	244251	42.745	ng	99
31) Naphthalene	10.34	128	748979	41.692	ng	99
32) Benzoic acid	9.67	122	133743	32.235	ng	99
33) 4-Chloroaniline	10.49	127	286289	38.684	ng	99
34) Hexachlorobutadiene	10.59	225	138038	40.959	ng	98
35) Caprolactam	11.33	113	61439	30.572	ng	98
36) 4-Chloro-3-methylphenol	11.62	107	241100	36.548	ng	99
37) 2-Methylnaphthalene	11.96	142	519903	39.752	ng	99
38) 1-Methylnaphthalene	12.19	142	497461	38.522	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	243801	44.430	ng	100

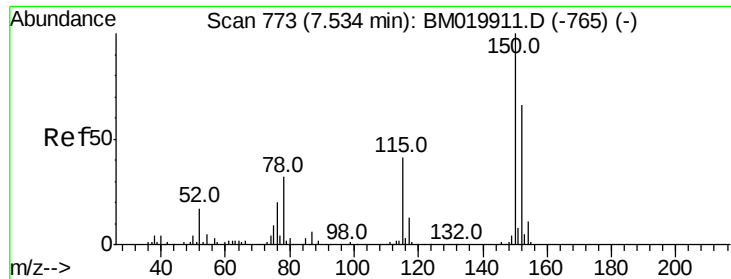
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019955.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	154401	79.553	ng	97
43) 2,4,6-Trichlorophenol	12.60	196	157702	42.391	ng	99
44) 2,4,5-Trichlorophenol	12.69	196	163681	42.274	ng	99
46) 1,1'-Biphenyl	13.00	154	649407	42.153	ng	99
47) 2-Chloronaphthalene	13.05	162	509456	43.353	ng	98
48) 2-Nitroaniline	13.29	65	170275	40.199	ng	98
49) Acenaphthylene	13.90	152	809881	39.610	ng	99
50) Dimethylphthalate	13.65	163	638904	40.722	ng	99
51) 2,6-Dinitrotoluene	13.79	165	138264	39.852	ng	91
52) Acenaphthene	14.24	154	471261	41.569	ng	99
53) 3-Nitroaniline	14.13	138	136615	39.436	ng	98
54) 2,4-Dinitrophenol	14.36	184	143267	70.167	ng	91
55) Dibenzofuran	14.58	168	757045	40.837	ng	97
56) 4-Nitrophenol	14.47	139	172301	64.275	ng	98
57) 2,4-Dinitrotoluene	14.60	165	196220	39.346	ng	98
58) Fluorene	15.24	166	614102	39.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	137322	38.869	ng	100
60) Diethylphthalate	15.02	149	656041	40.204	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	296081	39.148	ng	94
62) 4-Nitroaniline	15.32	138	125710	36.831	ng	95
63) Azobenzene	15.53	77	713847	40.931	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	99240	40.724	ng	95
66) n-Nitrosodiphenylamine	15.46	169	514145	41.176	ng	99
67) 4-Bromophenyl-phenylether	16.13	248	175665	40.005	ng	98
68) Hexachlorobenzene	16.24	284	214962	40.798	ng	100
69) Atrazine	16.43	200	51815	12.224	ng	99
70) Pentachlorophenol	16.60	266	200448	74.458	ng	99
71) Phenanthrene	16.99	178	925675	40.842	ng	99
72) Anthracene	17.08	178	934823	41.434	ng	99
73) Carbazole	17.37	167	845544	40.141	ng	99
74) Di-n-butylphthalate	17.92	149	1115829	40.336	ng	100
75) Fluoranthene	19.02	202	1065368	40.845	ng	99
77) Benzidine	19.23	184	655866	55.518	ng	99
78) Pyrene	19.39	202	1110680	39.172	ng	99
80) Butylbenzylphthalate	20.29	149	534821	38.906	ng	99
81) Benzo(a)anthracene	21.14	228	1112048	41.001	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	440400	43.642	ng	99
83) Chrysene	21.20	228	1044965	40.174	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	786679	38.440	ng	99
85) Di-n-octyl phthalate	21.93	149	1384639	41.697	ng	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	1502716	58.728	ng	100
88) Benzo(b)fluoranthene	22.69	252	1181257	42.178	ng	99
89) Benzo(k)fluoranthene	22.74	252	1162347	44.084	ng	99
90) Benzo(a)pyrene	23.26	252	1147363	46.236	ng	98
91) Dibenzo(a,h)anthracene	25.55	278	1285623	53.735	ng	100
92) Benzo(g,h,i)perylene	26.22	276	1237343	57.099	ng	99

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

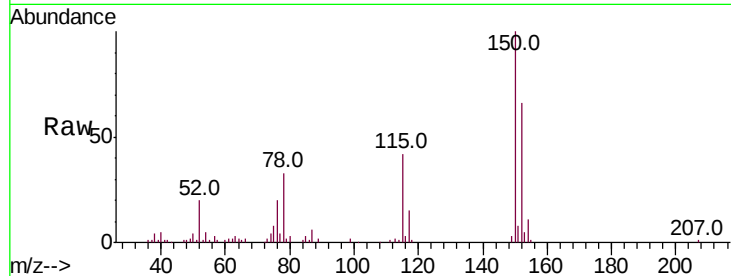


#1

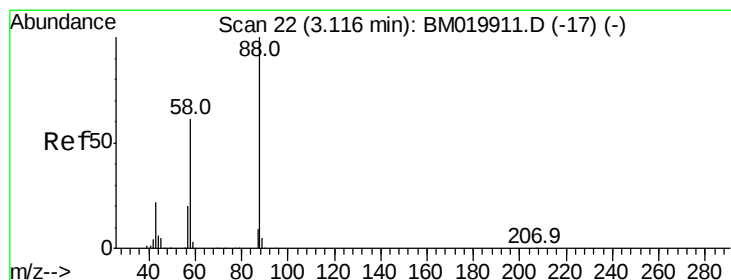
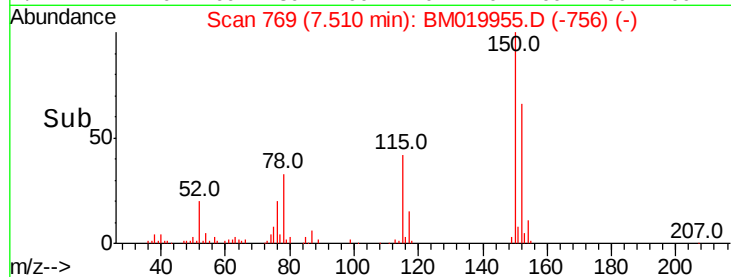
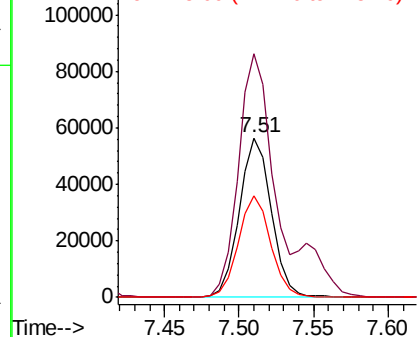
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 84112
Ion Ratio Lower Upper
152 100
150 152.7 122.1 183.1
115 63.4 50.0 75.0



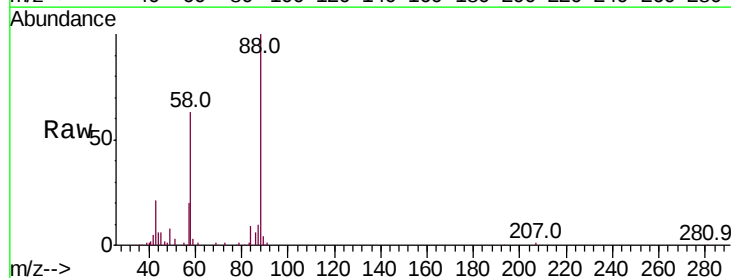
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



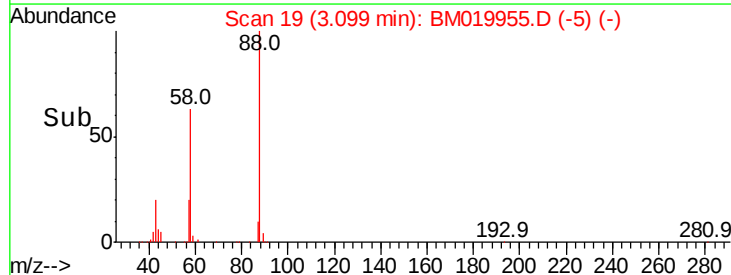
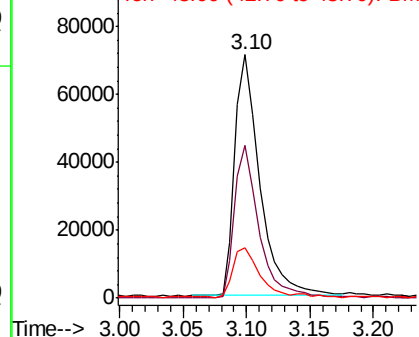
#2

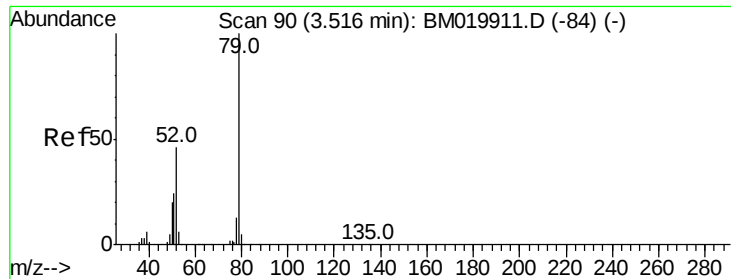
1,4-Dioxane
Concen: 43.505 ng
RT: 3.10 min Scan# 19
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion: 88 Resp: 97436
Ion Ratio Lower Upper
88 100
58 62.0 49.6 74.4
43 23.8 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: 42.657 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

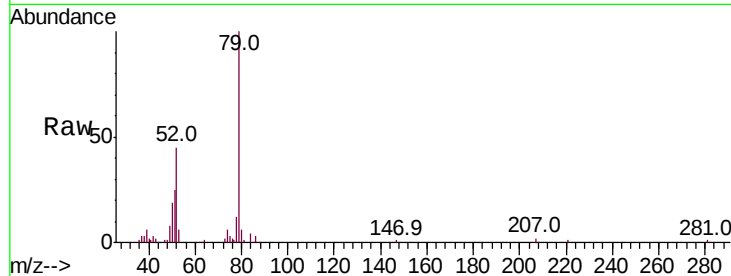
Tot Ion: 79 Resp: 267554

Ion Ratio Lower Upper

79 100

52 45.4 36.9 55.3

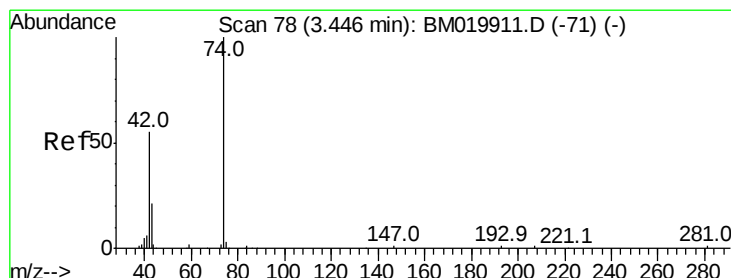
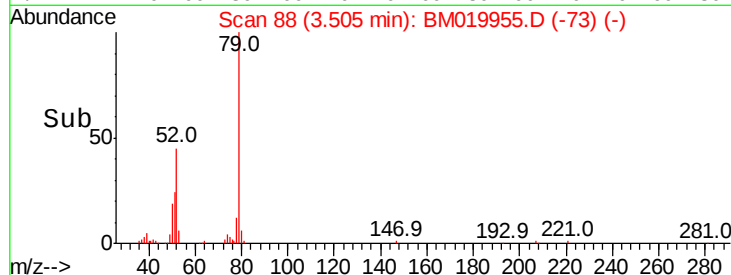
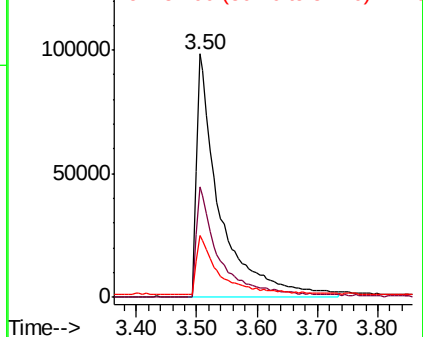
51 25.3 20.0 30.0



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: 39.495 ng

RT: 3.43 min Scan# 75

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

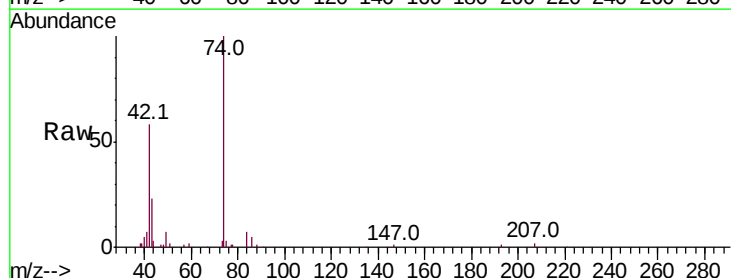
Tgt Ion: 42 Resp: 79802

Ion Ratio Lower Upper

42 100

74 171.9 144.6 217.0

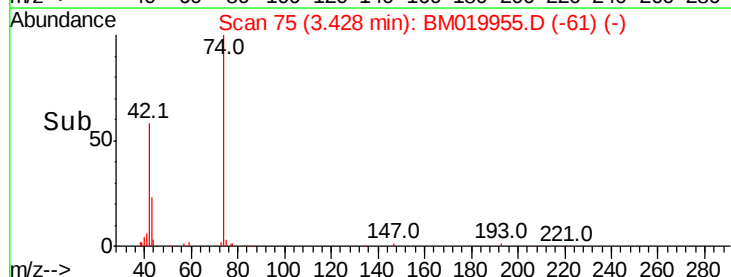
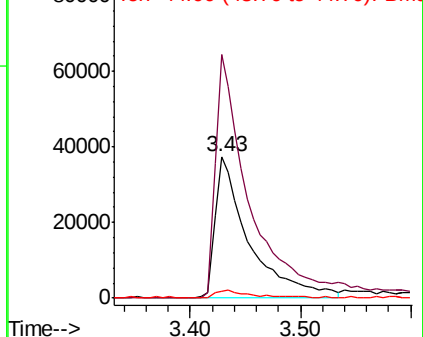
44 5.2 5.4 8.2#

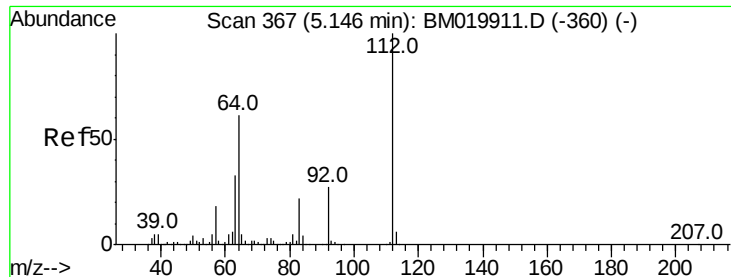


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

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: 78.107 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

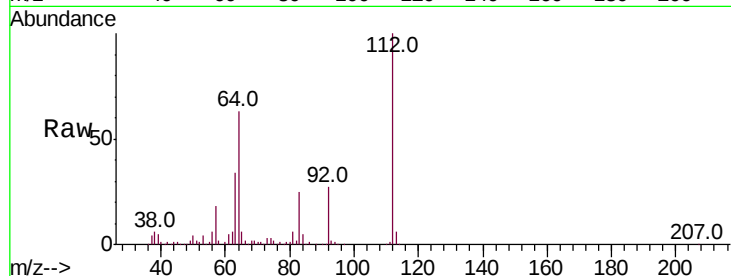
Tot Ion:112 Resp: 405378

Ion Ratio Lower Upper

112 100

64 63.1 49.1 73.7

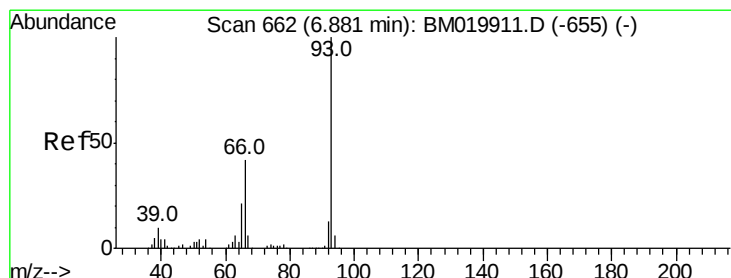
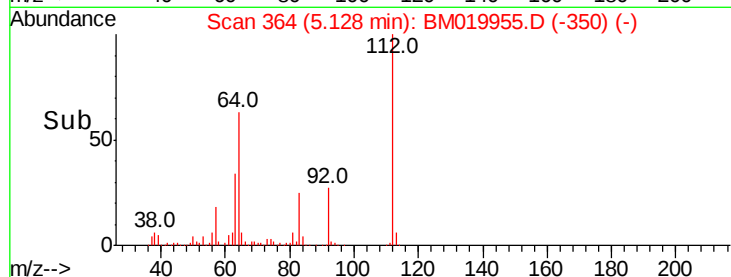
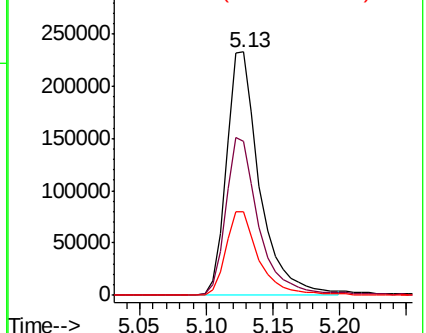
63 34.5 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 35.981 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

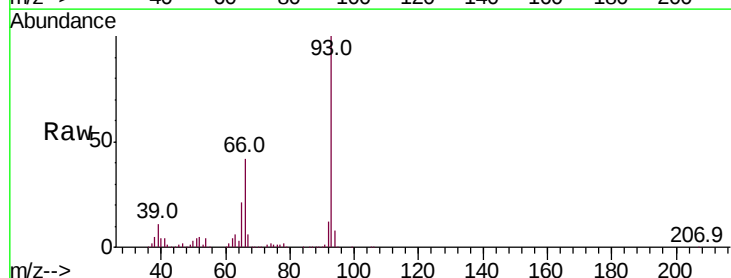
Tgt Ion: 93 Resp: 362996

Ion Ratio Lower Upper

93 100

66 42.4 33.9 50.9

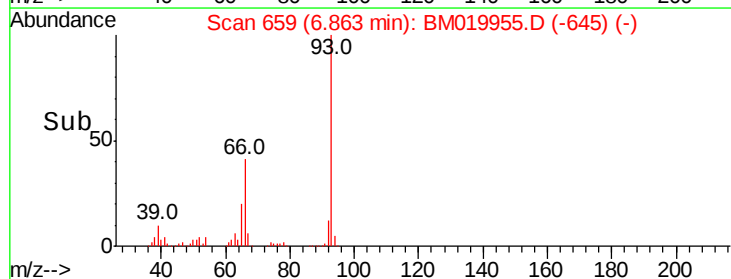
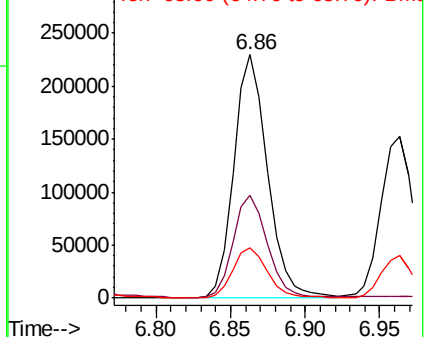
65 20.9 17.0 25.6

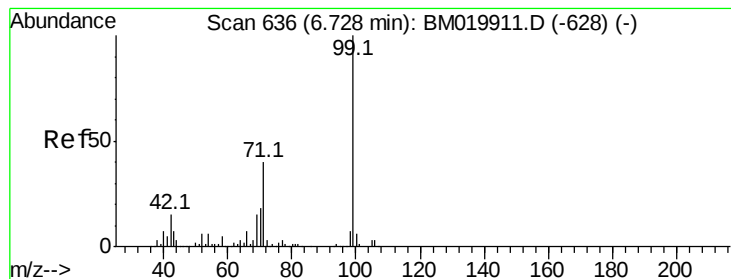


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 72.365 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

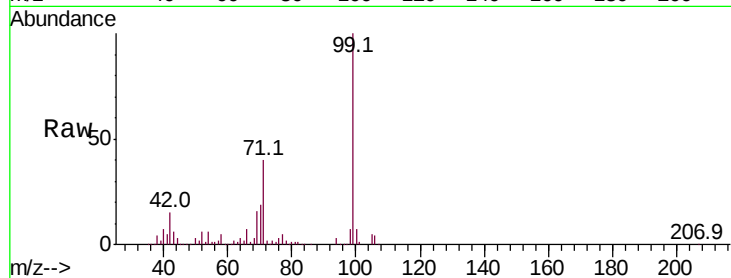
Tot Ion: 99 Resp: 565239

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

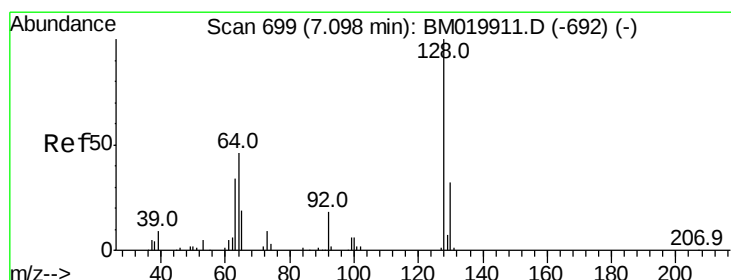
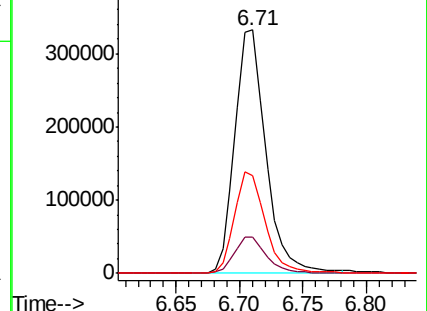
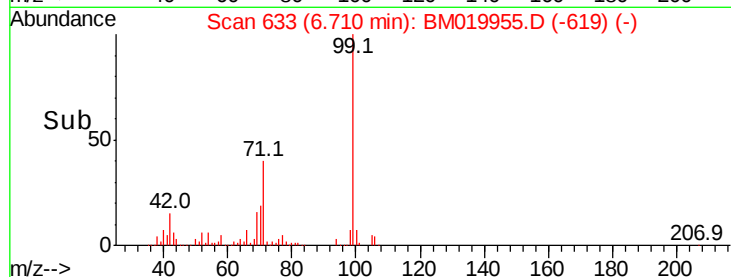
71 40.2 32.0 48.0



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: 37.467 ng

RT: 7.08 min Scan# 696

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

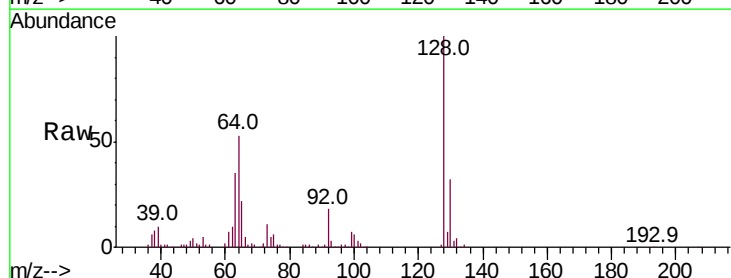
Tgt Ion: 128 Resp: 241854

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

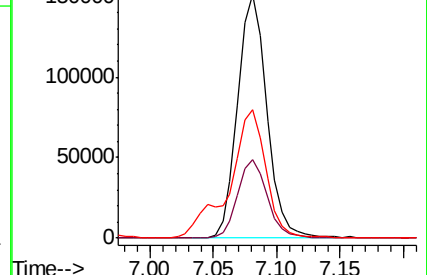
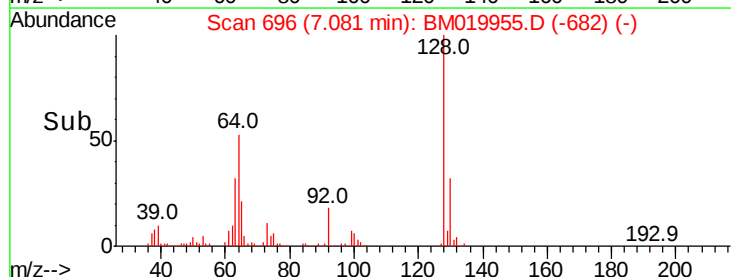
64 52.9 33.0 73.0

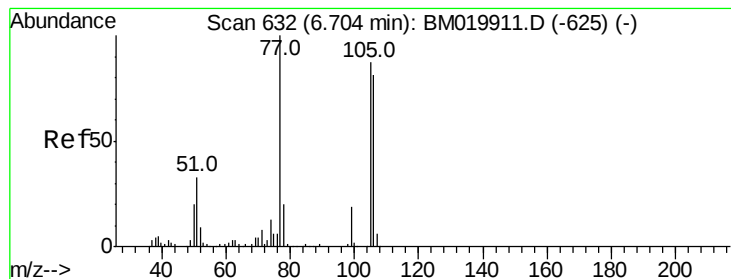


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

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: 39.044 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampled :

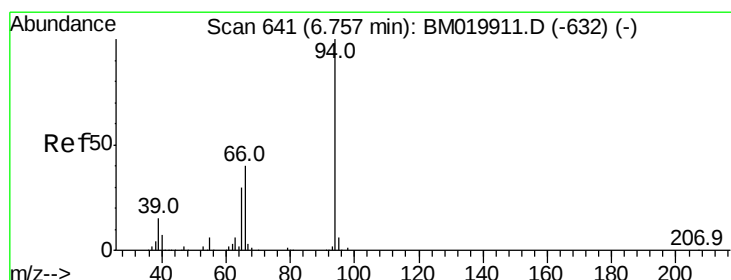
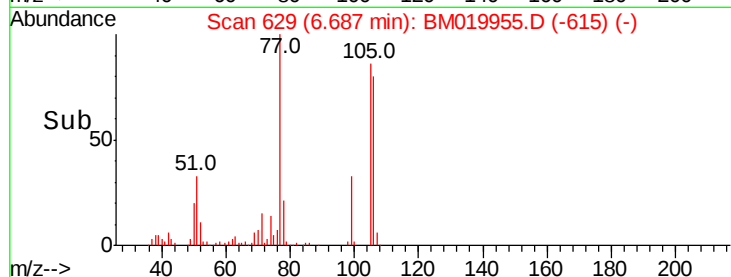
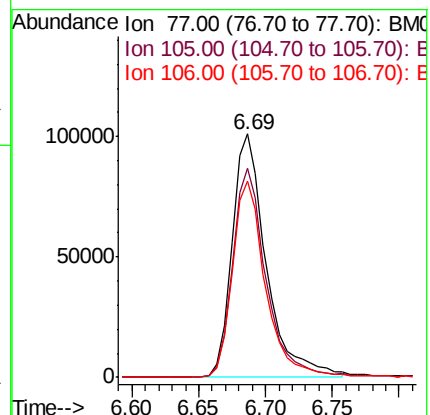
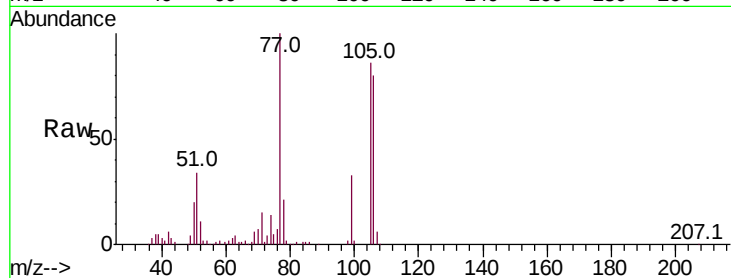
Tot Ion: 77 Resp: 180957

Ion Ratio Lower Upper

77 100

105 85.8 67.3 107.3

106 80.4 60.6 100.6



#10

Phenol

Concen: 36.917 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

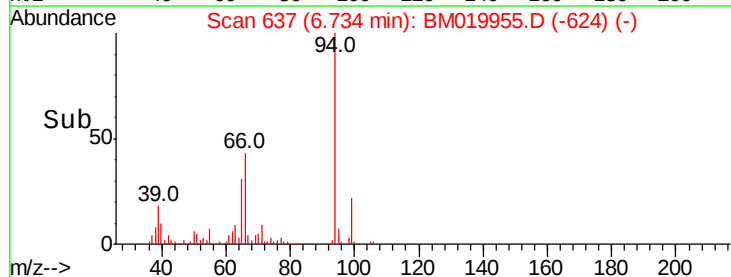
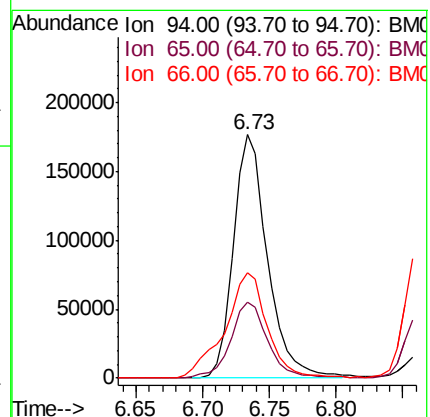
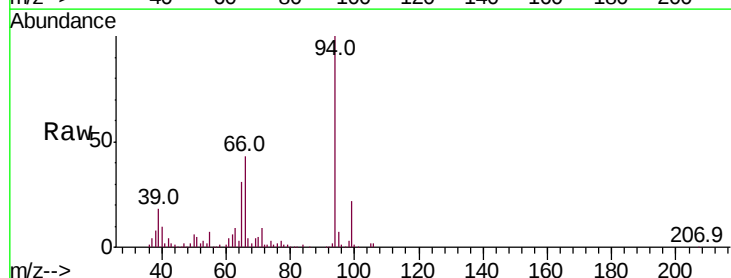
Tgt Ion: 94 Resp: 315049

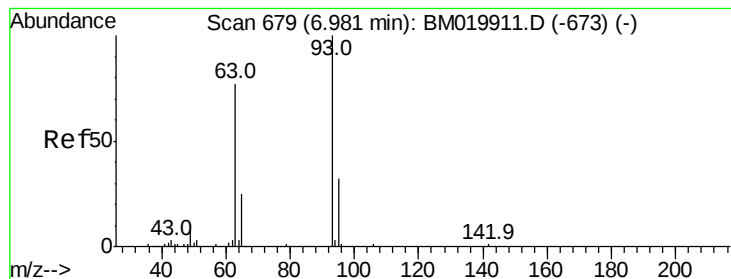
Ion Ratio Lower Upper

94 100

65 31.3 10.0 50.0

66 43.3 20.2 60.2

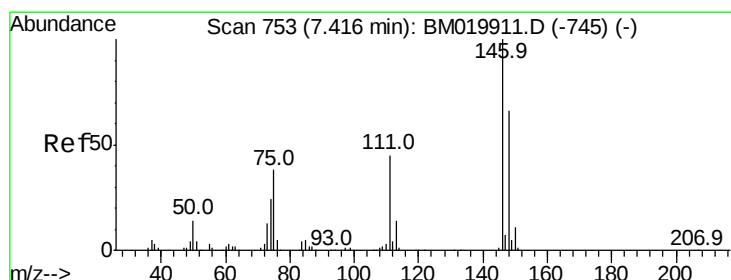
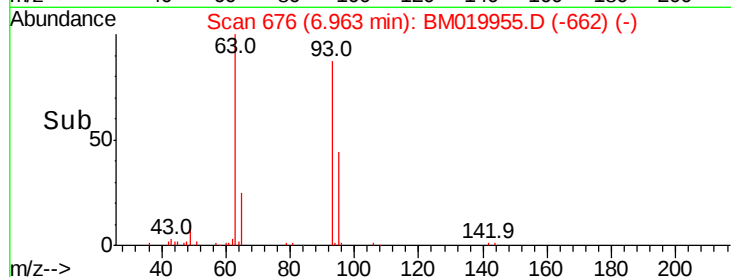
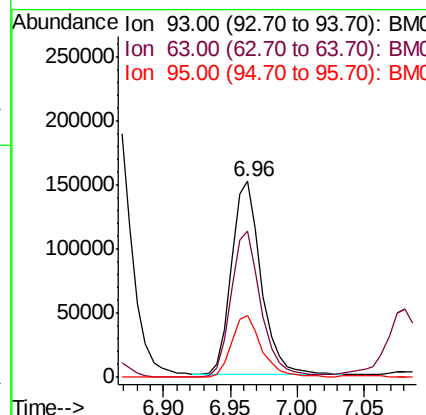
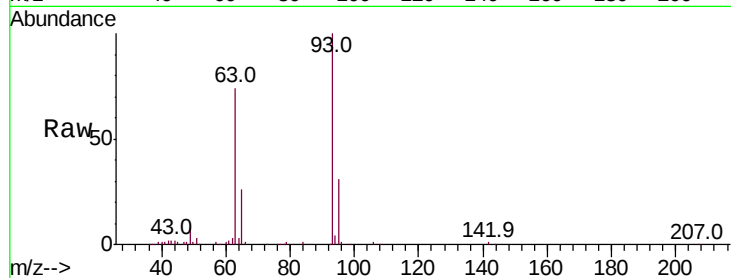




#11
bis(2-Chloroethyl)ether
Concen: 37.708 ng
RT: 6.96 min Scan# 676
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

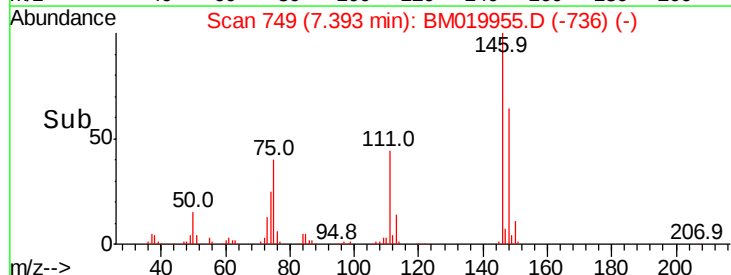
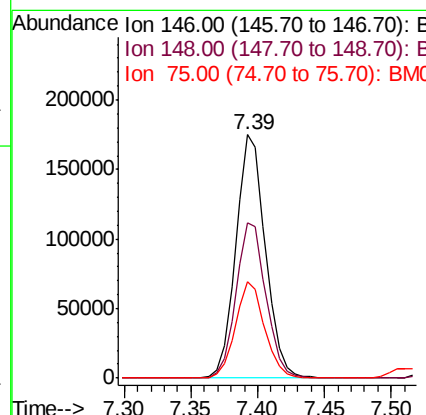
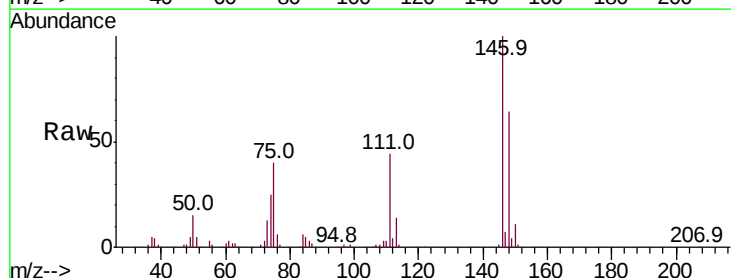
Instrument :
BNA_M
ClientSampled :

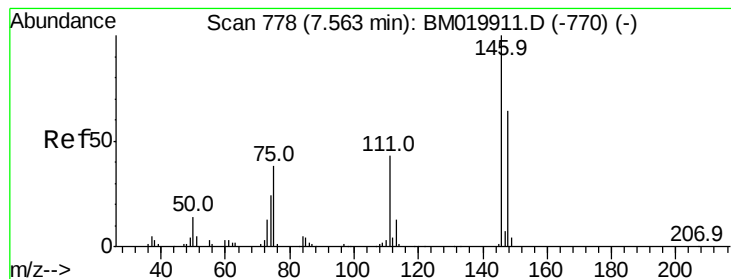
Tot Ion: 93 Resp: 235444
Ion Ratio Lower Upper
93 100
63 74.4 55.8 95.8
95 31.5 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 39.835 ng
RT: 7.39 min Scan# 749
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion: 146 Resp: 269954
Ion Ratio Lower Upper
146 100
148 63.7 52.6 78.8
75 39.8 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 39.750 ng

RT: 7.55 min Scan# 775

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampled :

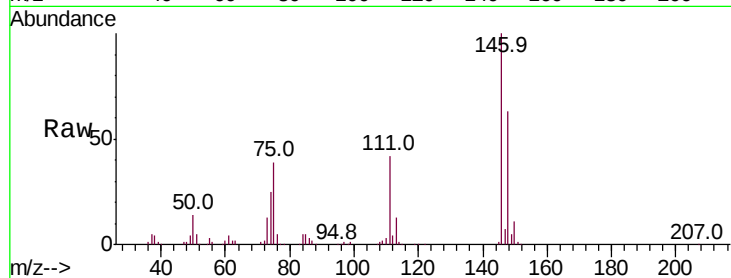
Tot Ion:146 Resp: 273309

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

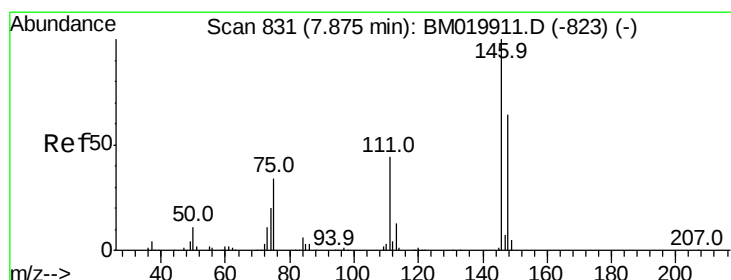
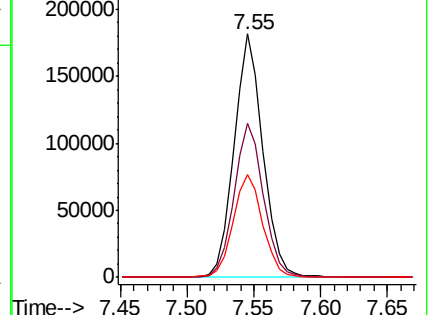
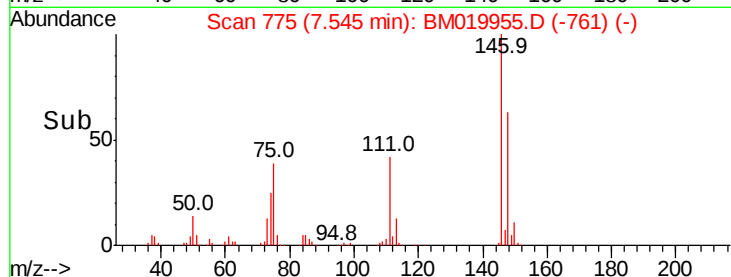
111 42.1 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.123 ng

RT: 7.85 min Scan# 827

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

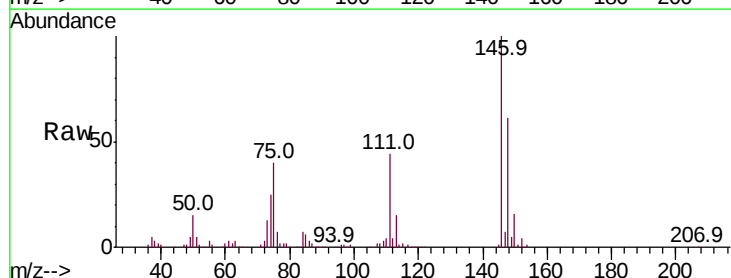
Tgt Ion:146 Resp: 266721

Ion Ratio Lower Upper

146 100

148 61.1 51.4 77.2

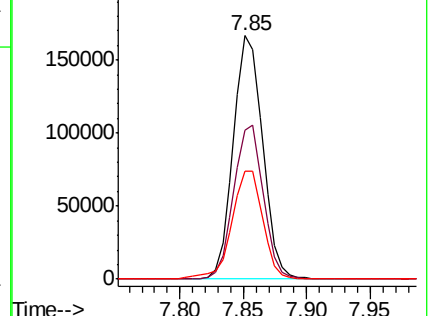
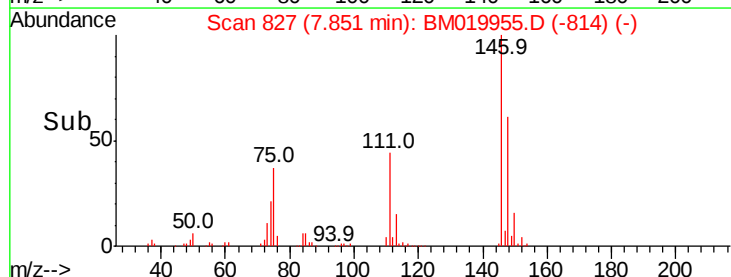
111 44.1 35.4 53.0

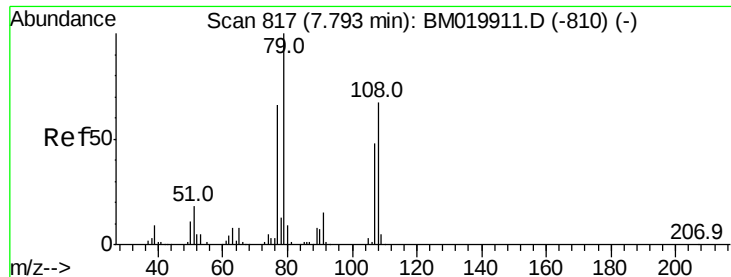


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.225 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

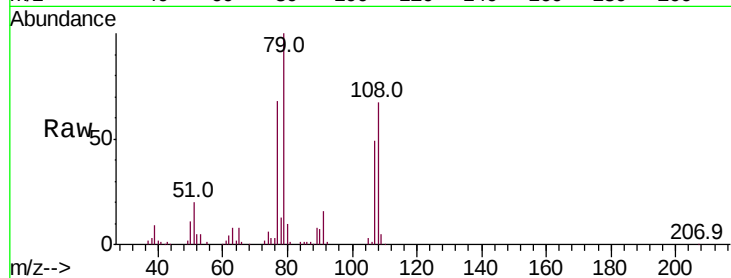
Tot Ion: 79 Resp: 250128

Ion Ratio Lower Upper

79 100

108 67.1 53.9 80.9

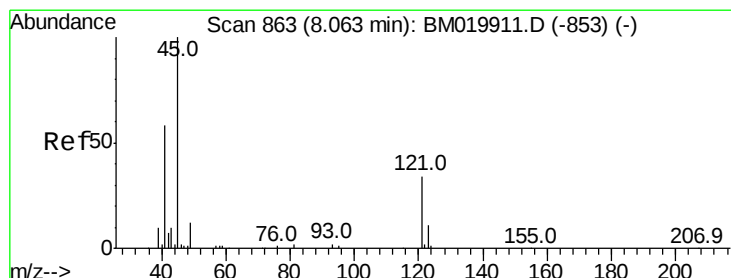
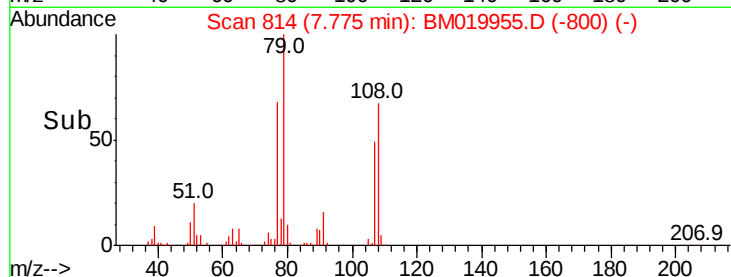
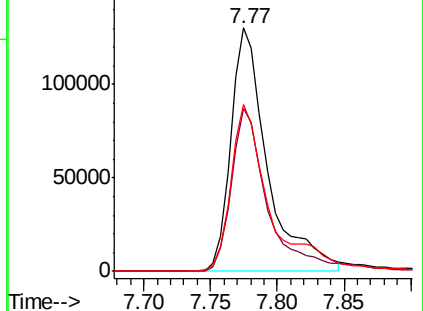
77 68.3 53.1 79.7



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

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

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.472 ng

RT: 8.05 min Scan# 860

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

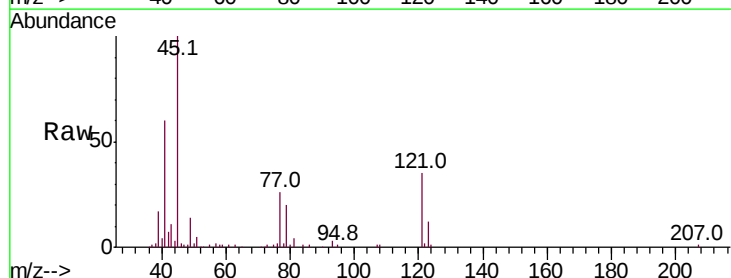
Tgt Ion: 45 Resp: 217090

Ion Ratio Lower Upper

45 100

77 25.7 7.2 47.2

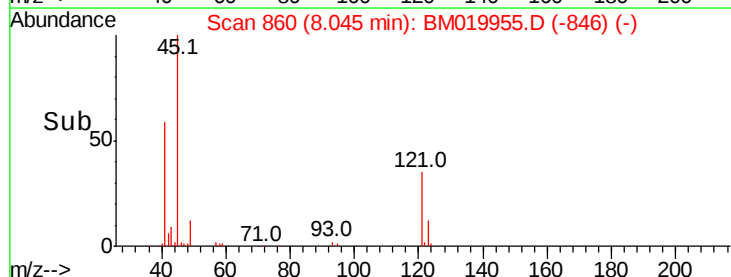
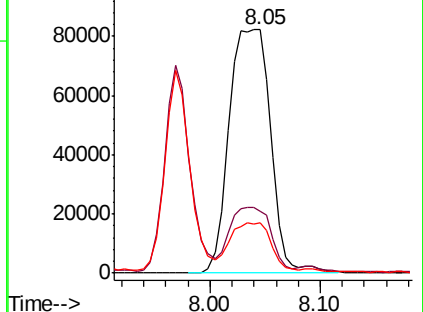
79 20.4 1.2 41.2

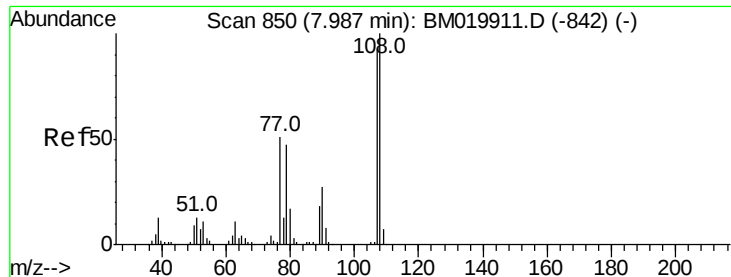


Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

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

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

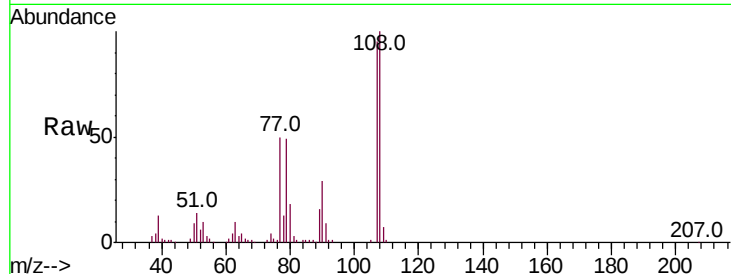




#17
2-Methylphenol
Concen: 35.921 ng
RT: 7.97 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.5	85.9	128.9
77	53.2	43.8	65.6
79	51.9	41.1	61.7



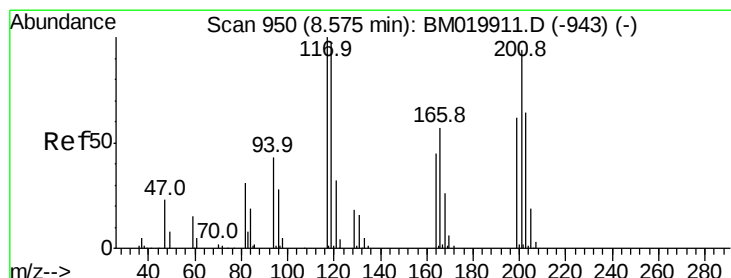
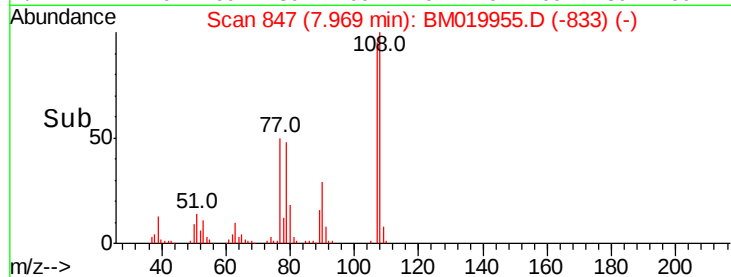
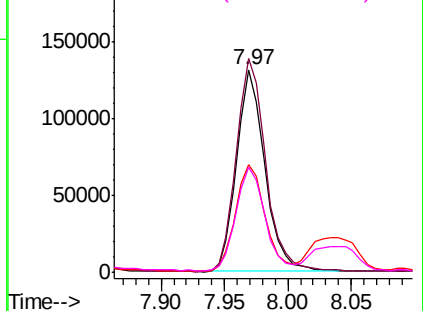
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

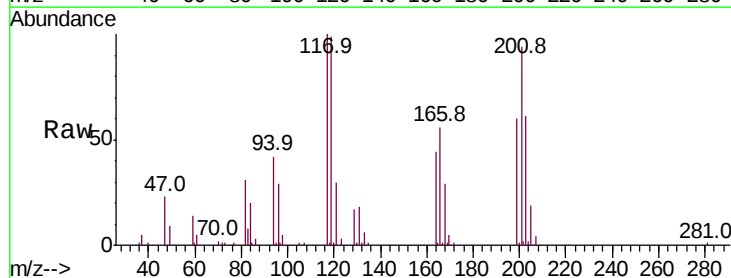
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 38.987 ng
RT: 8.56 min Scan# 947
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	77.6	116.4
201	94.2	75.4	113.2

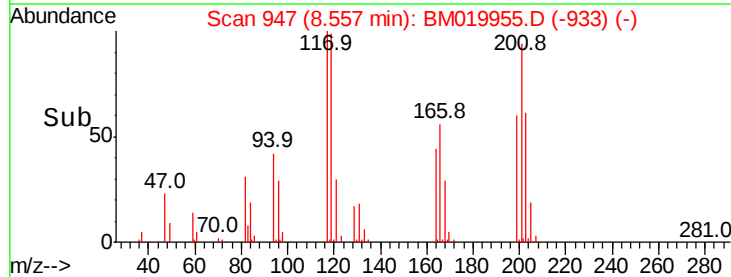
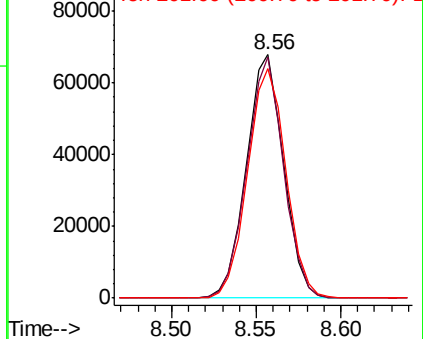


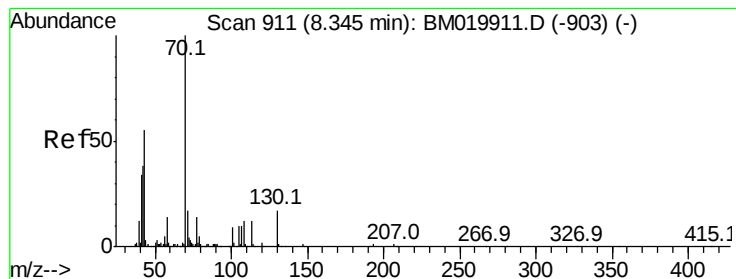
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.762 ng

RT: 8.32 min Scan# 907

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 224949

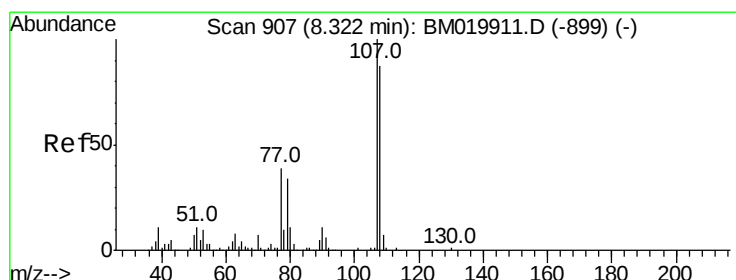
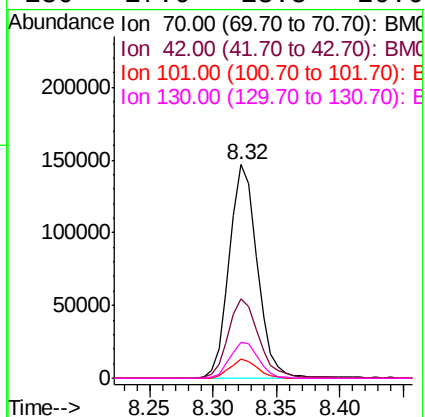
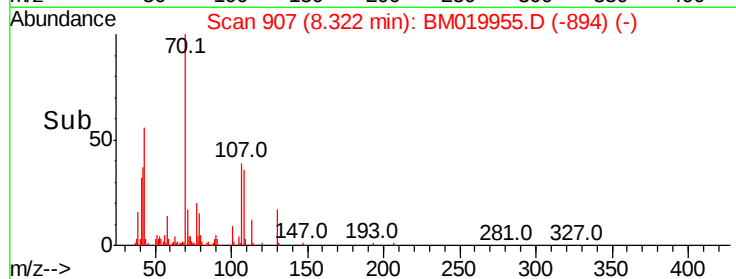
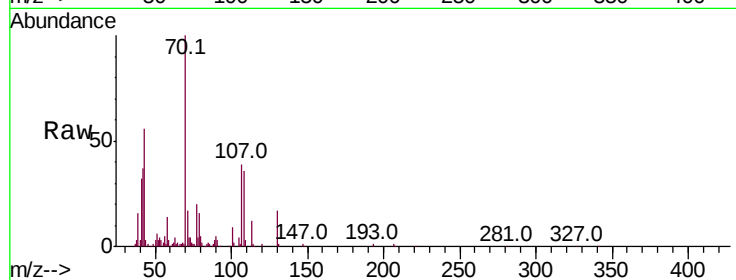
Ion Ratio Lower Upper

70 100

42 37.4 30.3 45.5

101 8.9 6.9 10.3

130 17.0 13.8 20.6



#20

3+4-Methylphenols

Concen: 35.216 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion: 107 Resp: 273238

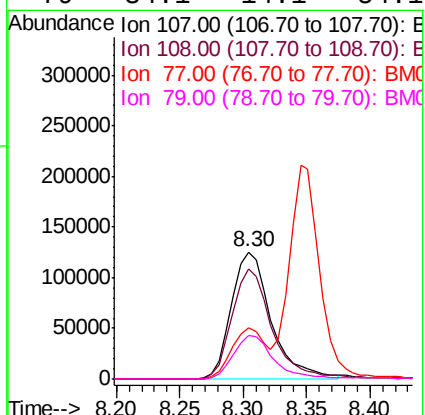
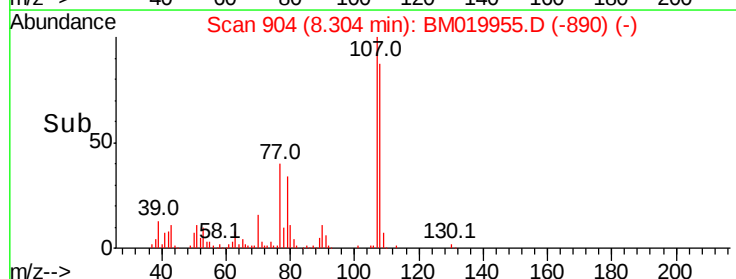
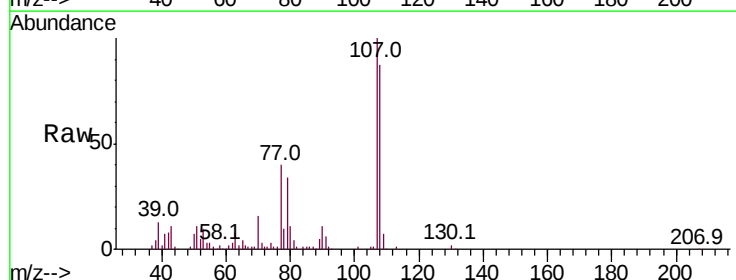
Ion Ratio Lower Upper

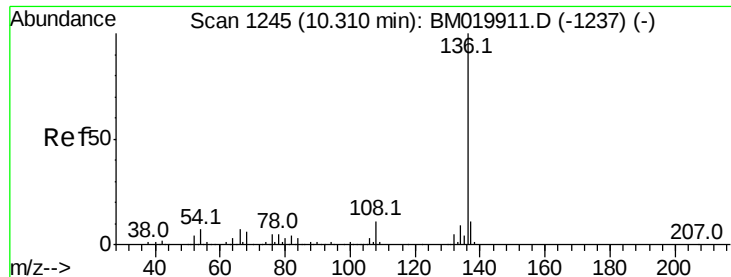
107 100

108 86.7 67.4 107.4

77 40.0 19.7 59.7

79 34.1 14.1 54.1

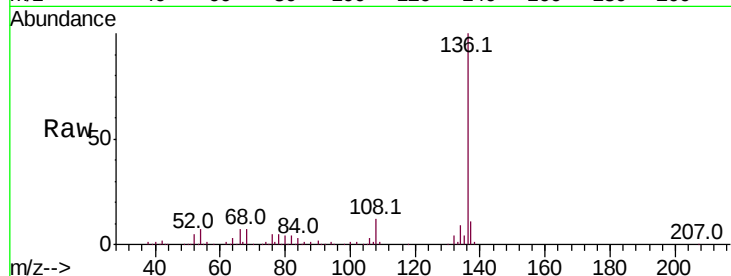




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	334925	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.0	13.6	
54 6.6	5.3	7.9	
68 6.8	5.2	7.8	



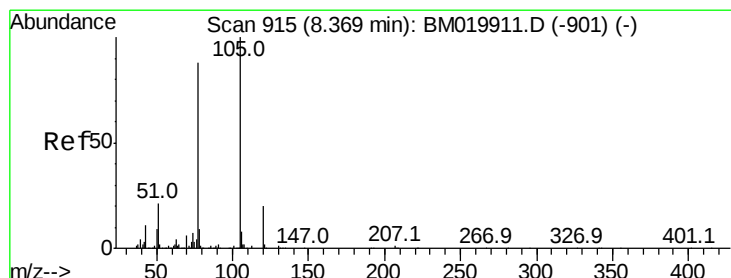
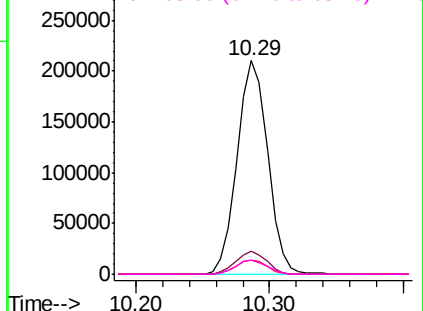
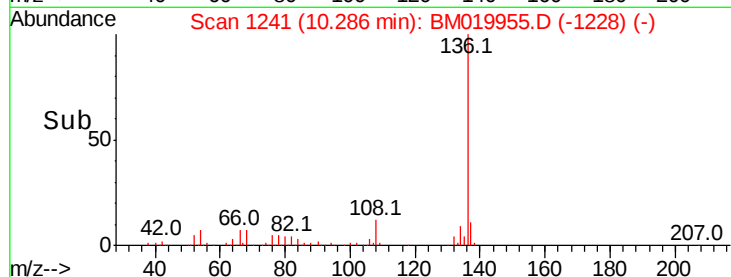
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

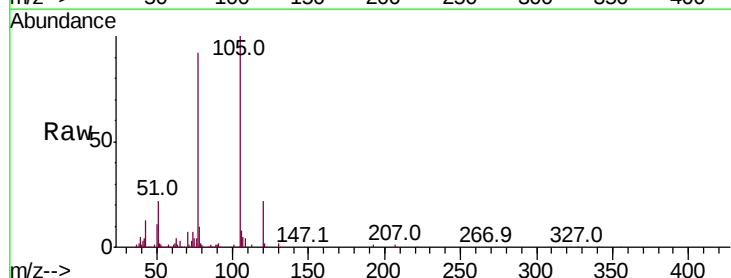
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 42.413 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt	Ion:105	Resp:	386905
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.8	1.2#
51	22.2	16.9	25.3
120	21.8	16.4	24.6



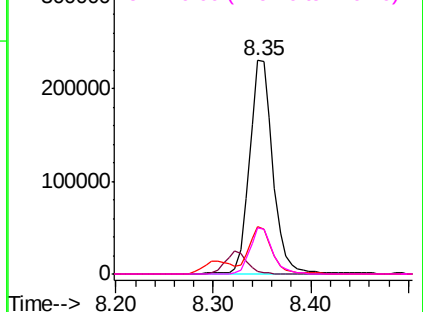
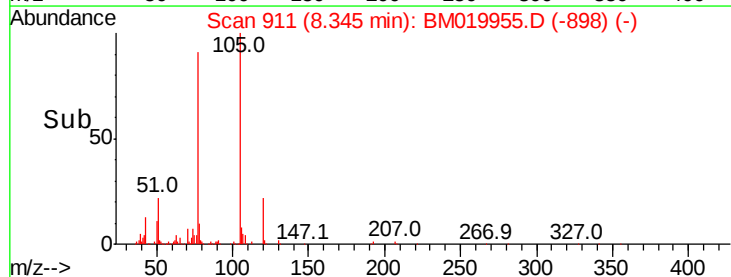
Abundance

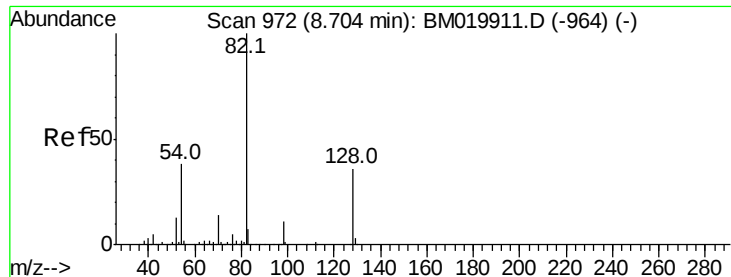
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

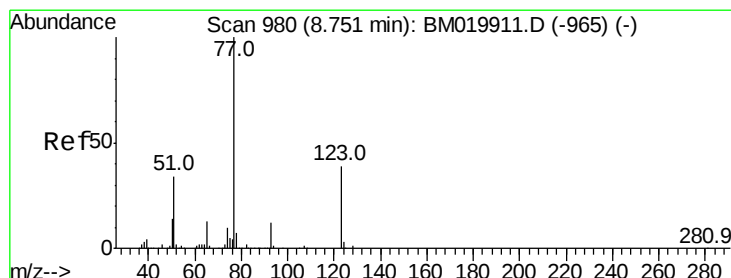
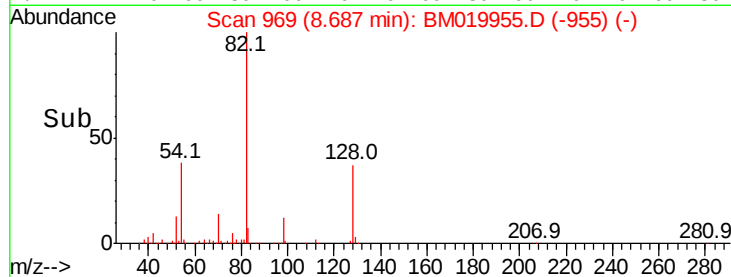
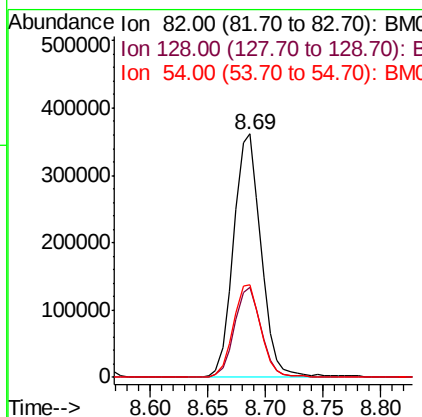
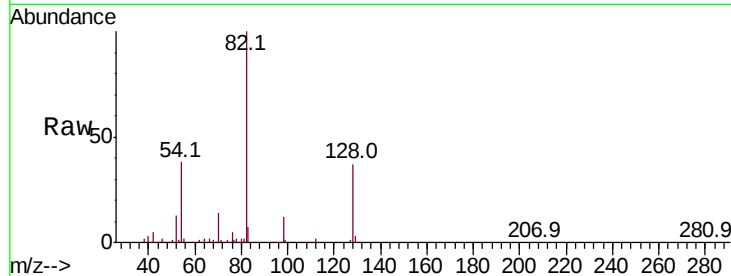




#23
Nitrobenzene-d5
Concen: 80.007 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

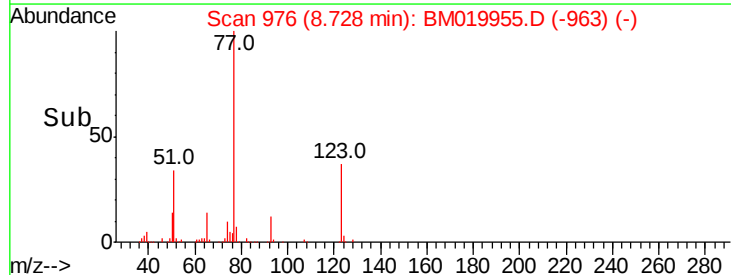
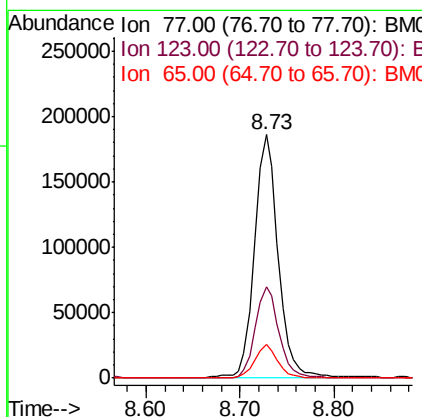
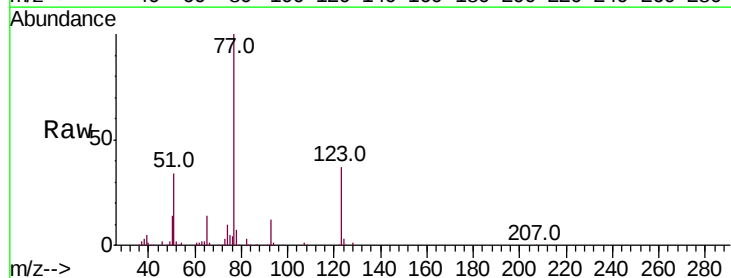
Instrument :
BNA_M
ClientSampled :

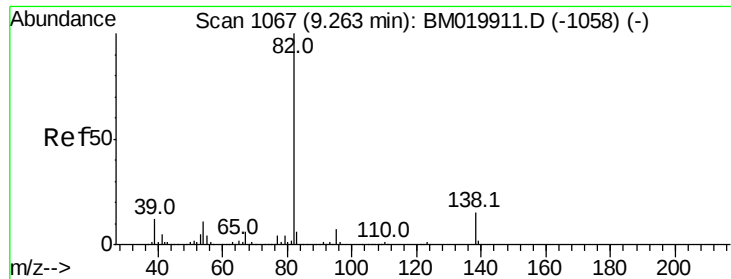
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.0	43.4
54	37.9	30.2	45.4



#24
Nitrobenzene
Concen: 42.054 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	31.0	46.4
65	13.8	10.6	16.0





#25

Isophorone

Concen: 37.899 ng

RT: 9.24 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

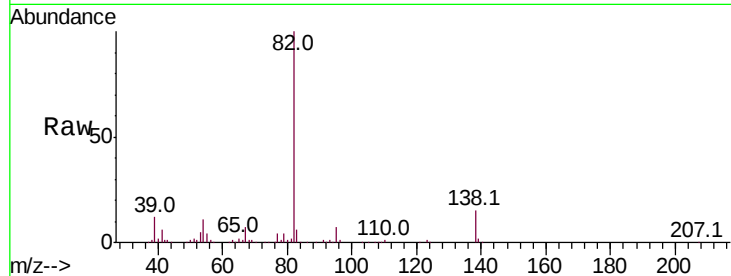
Tot Ion: 82 Resp: 552513

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

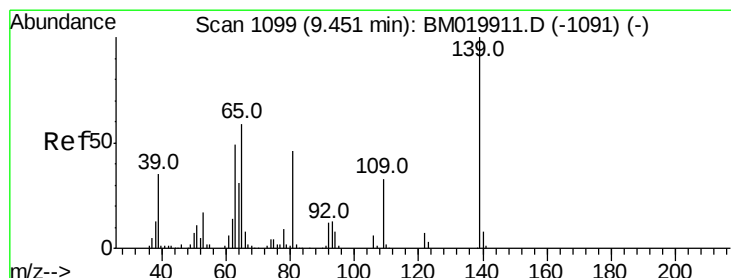
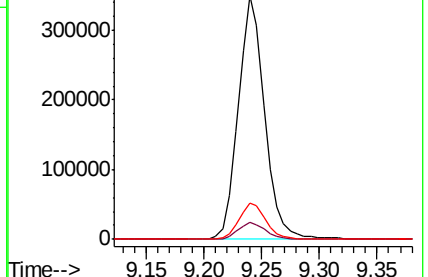
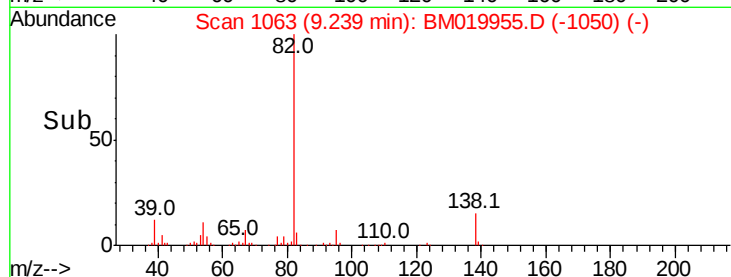
138 14.8 12.2 18.2



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

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

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



#26

2-Nitrophenol

Concen: 39.613 ng

RT: 9.43 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

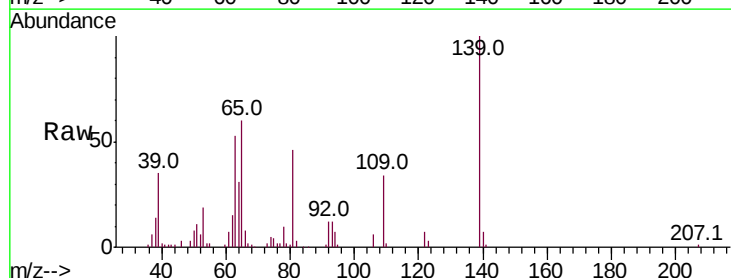
Tgt Ion: 139 Resp: 130965

Ion Ratio Lower Upper

139 100

109 33.9 26.3 39.5

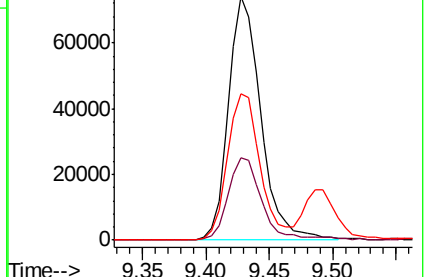
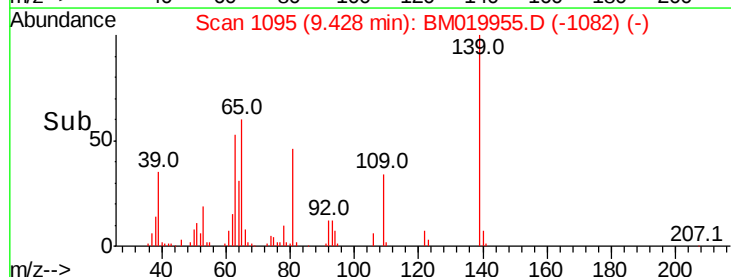
65 60.2 47.4 71.2

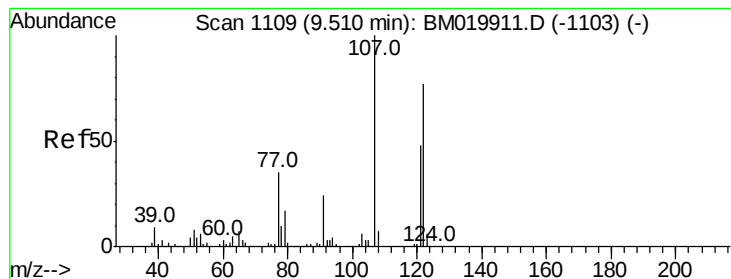


Abundance Ion 139.00 (138.70 to 139.70): BM019911.D (-1091) (-)

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

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





#27

2,4-Dimethylphenol

Concen: 40.109 ng

RT: 9.49 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

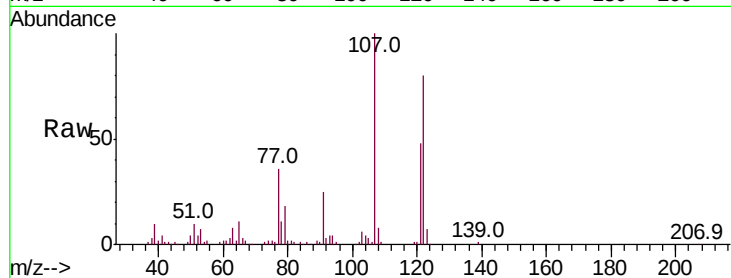
Tot Ion:122 Resp: 187493

Ion Ratio Lower Upper

122 100

107 125.7 103.1 154.7

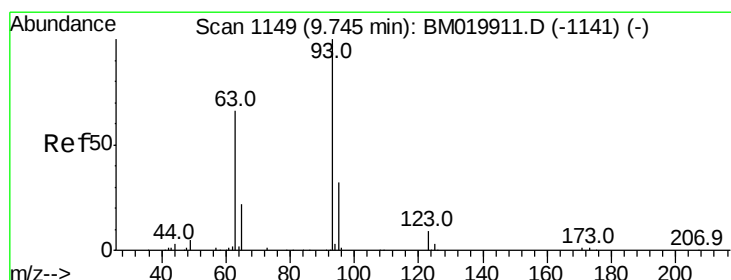
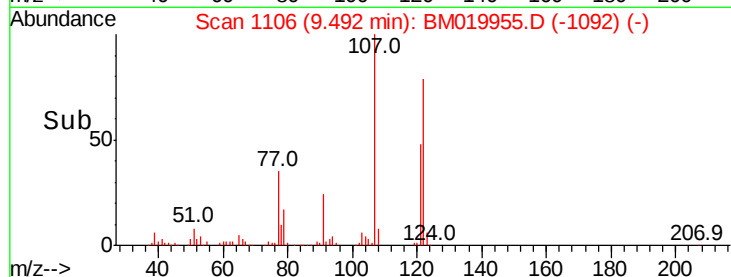
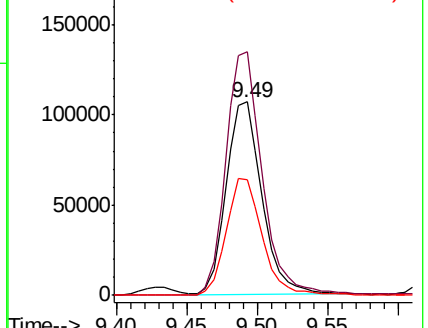
121 59.8 49.8 74.8



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: 38.180 ng

RT: 9.72 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

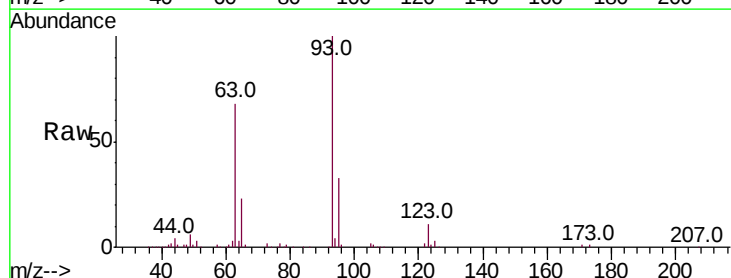
Tgt Ion: 93 Resp: 311684

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

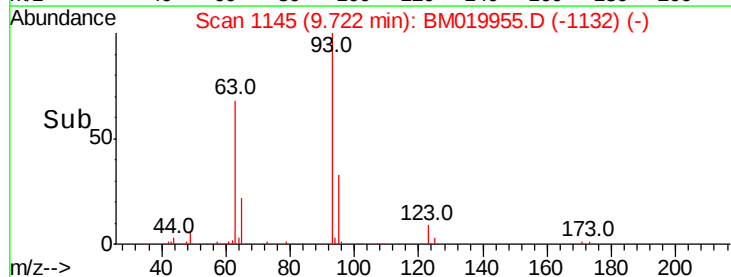
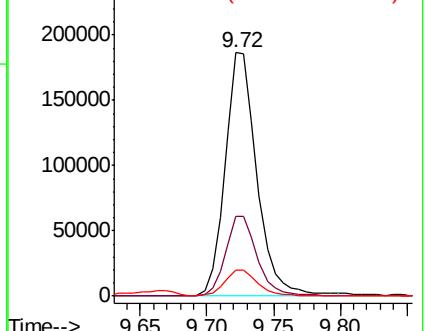
123 10.5 8.2 12.2

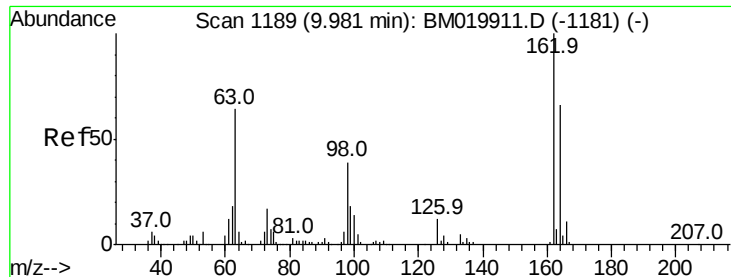


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

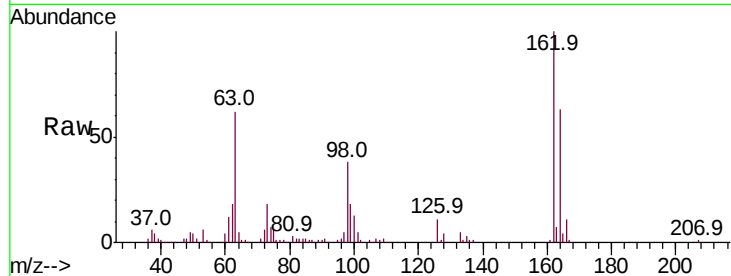




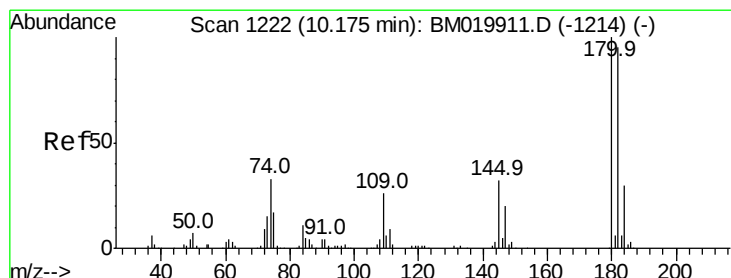
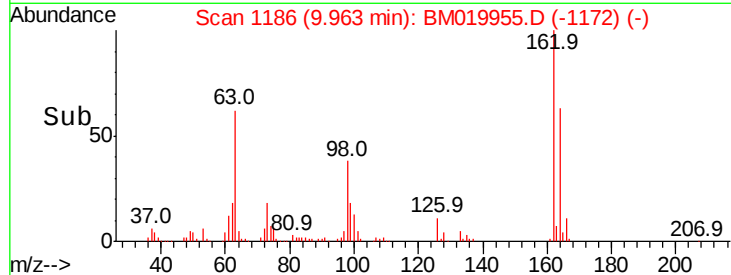
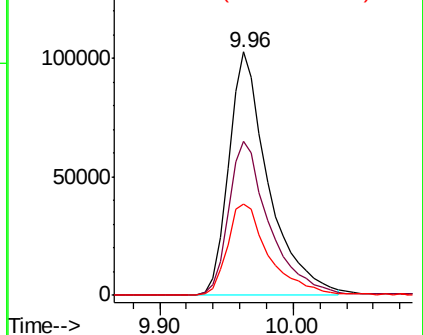
#29
2,4-Dichlorophenol
Concen: 40.070 ng
RT: 9.96 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 212734
Ion Ratio Lower Upper
162 100
164 63.2 46.3 86.3
98 37.6 19.2 59.2

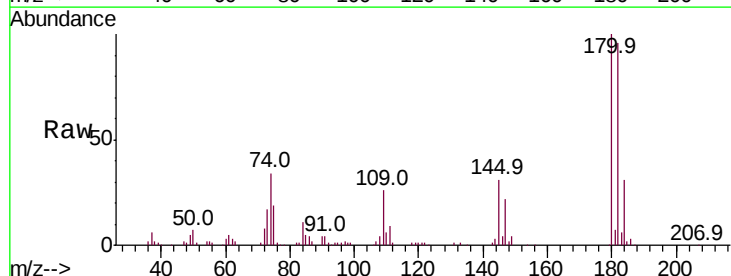


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

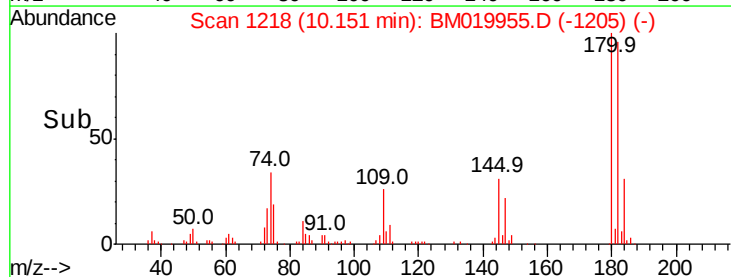
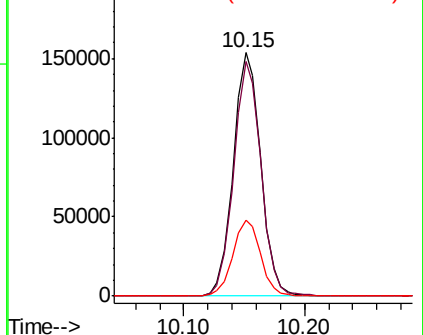


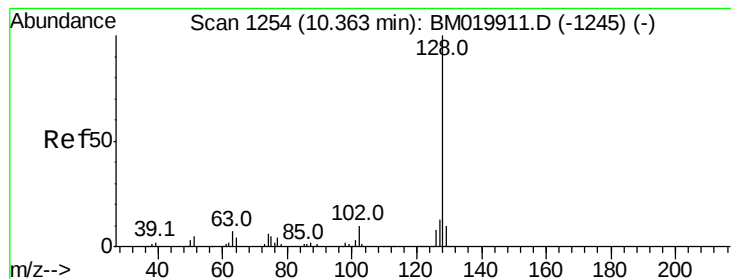
#30
1,2,4-Trichlorobenzene
Concen: 42.745 ng
RT: 10.15 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion:180 Resp: 244251
Ion Ratio Lower Upper
180 100
182 96.3 76.3 114.5
145 30.9 25.5 38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.692 ng

RT: 10.34 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

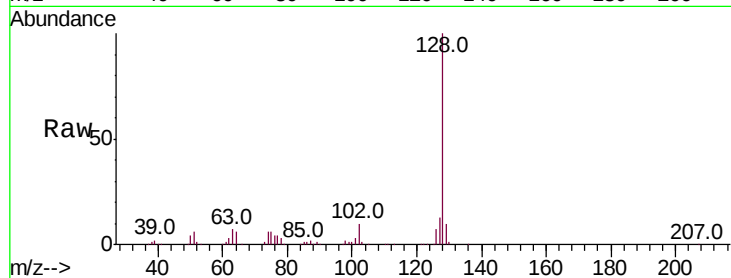
Tot Ion:128 Resp: 748979

Ion Ratio Lower Upper

128 100

129 10.5 8.3 12.5

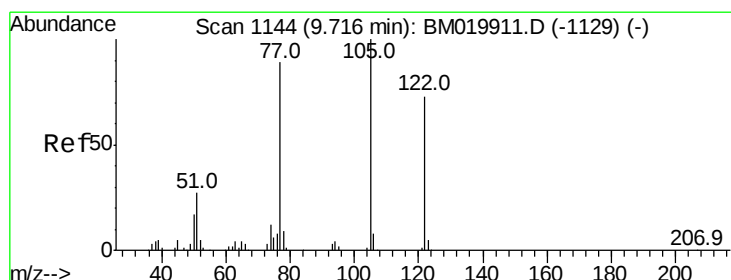
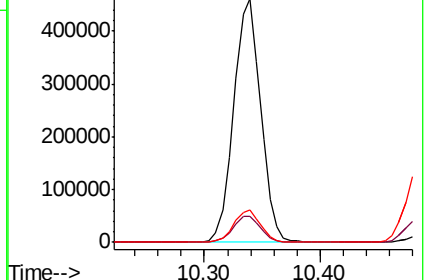
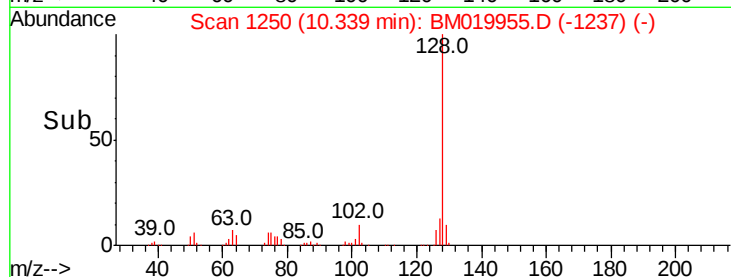
127 13.5 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.235 ng

RT: 9.67 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

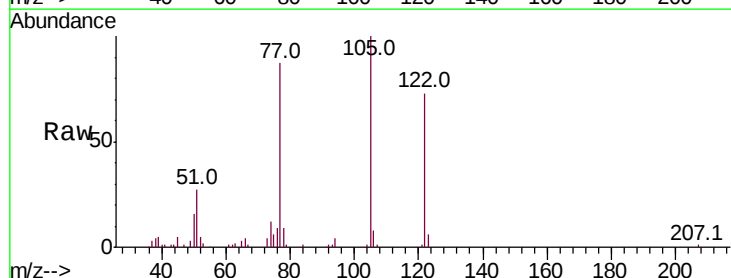
Tgt Ion:122 Resp: 133743

Ion Ratio Lower Upper

122 100

105 136.5 114.8 154.8

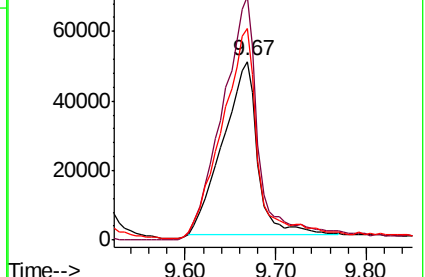
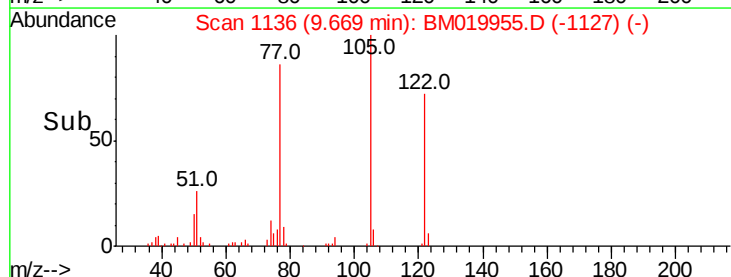
77 118.8 100.2 140.2

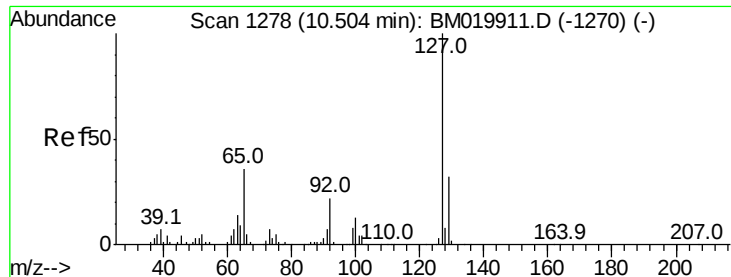


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

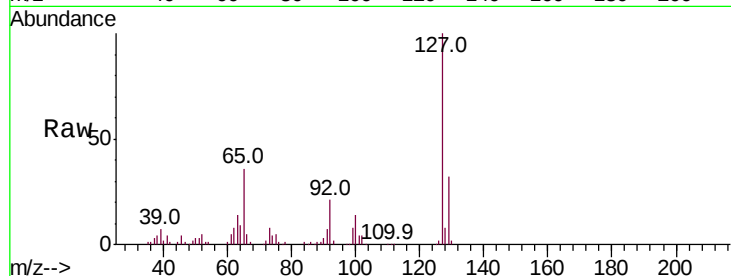




#33
4-Chloroaniline
Concen: 38.684 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	286289
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.4	38.0
65	36.4	29.2	43.8
92	21.5	17.5	26.3



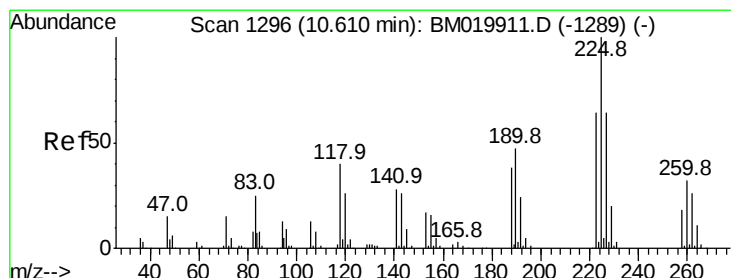
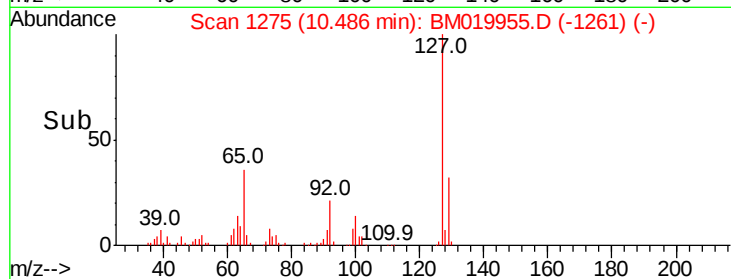
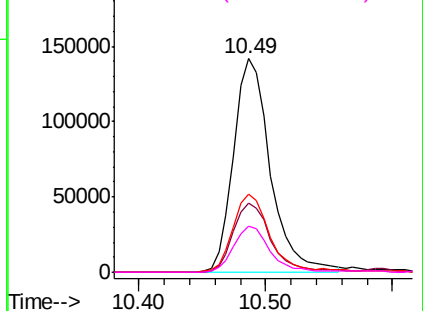
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

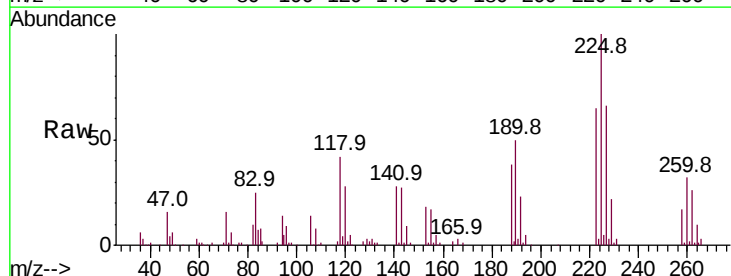
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 40.959 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion:	225	Resp:	138038
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.4	77.2
227	65.9	51.0	76.6

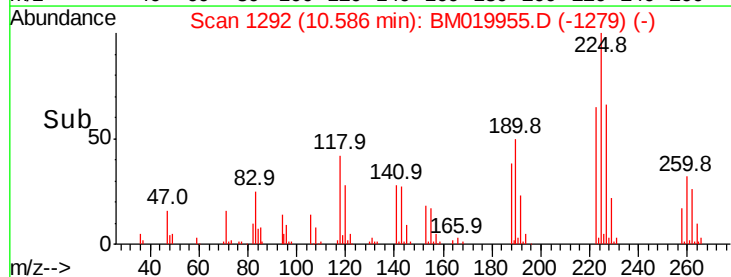
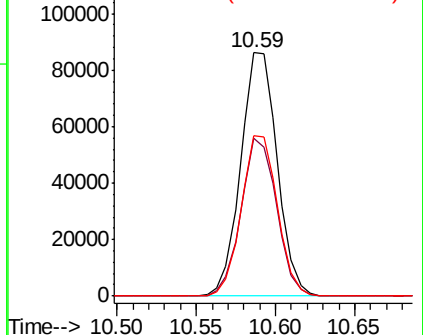


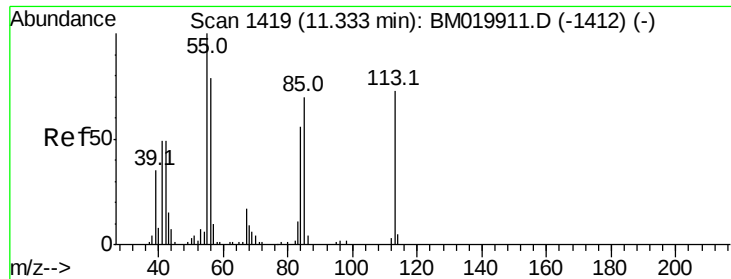
Abundance

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: 30.572 ng

RT: 11.33 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

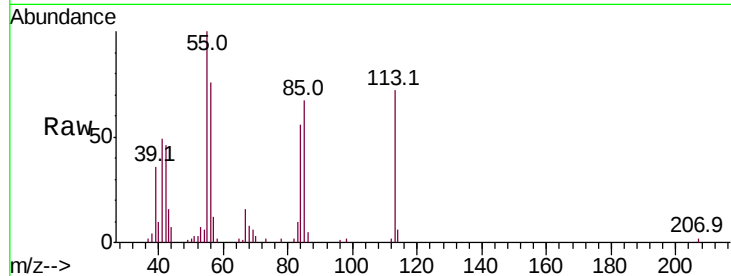
Tot Ion:113 Resp: 61439

Ion Ratio Lower Upper

113 100

55 138.8 117.1 157.1

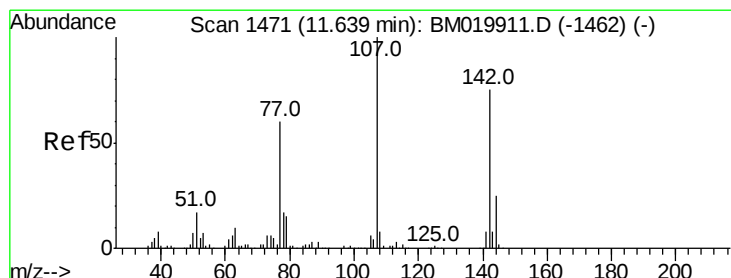
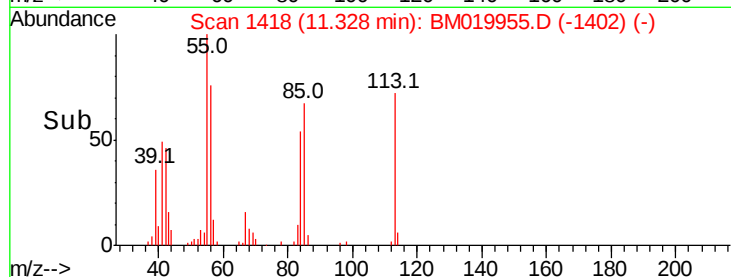
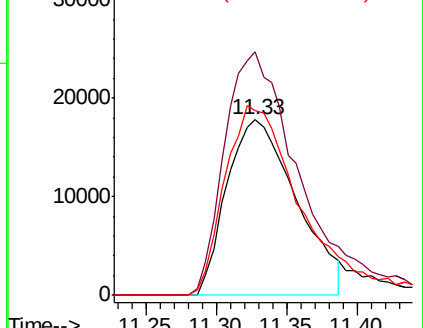
56 105.4 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 36.548 ng

RT: 11.62 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

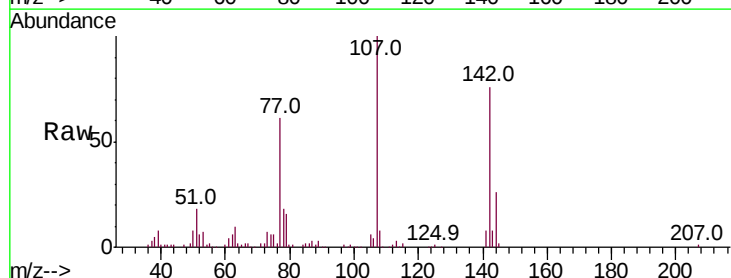
Tgt Ion:107 Resp: 241100

Ion Ratio Lower Upper

107 100

144 25.8 19.8 29.8

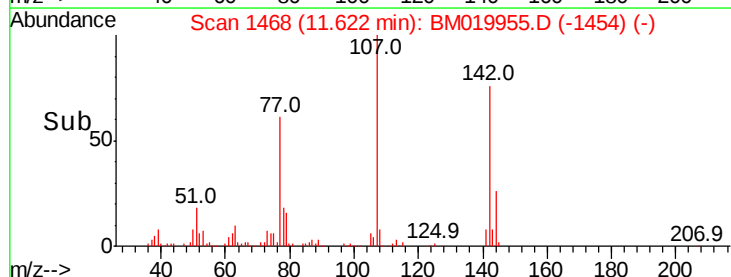
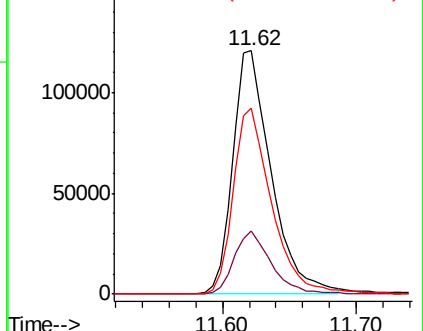
142 76.5 60.3 90.5

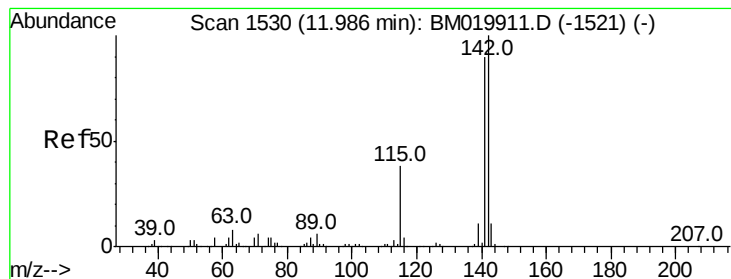


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

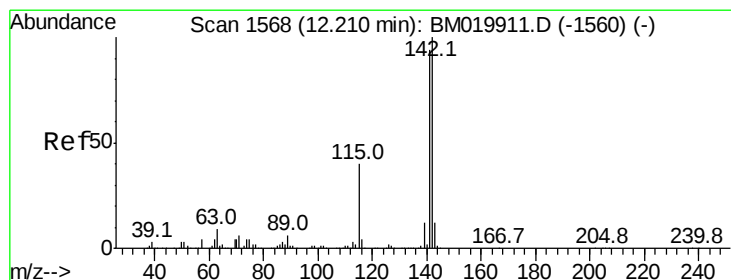
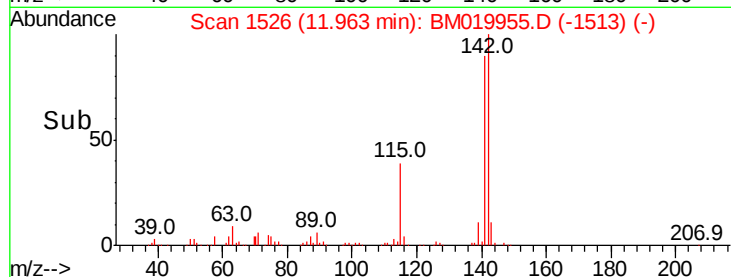
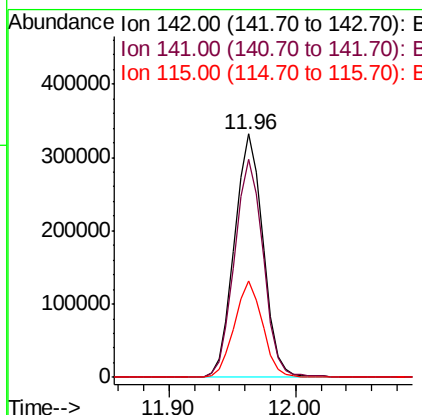
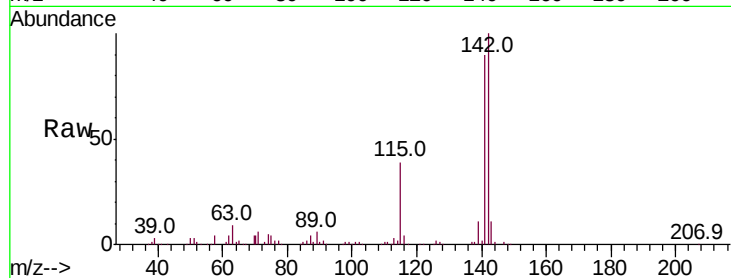




#37
 2-Methylnaphthalene
 Concen: 39.752 ng
 RT: 11.96 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

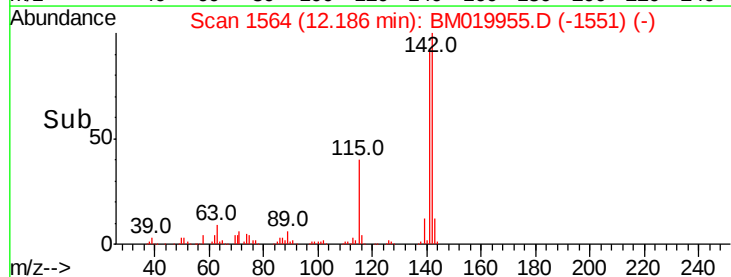
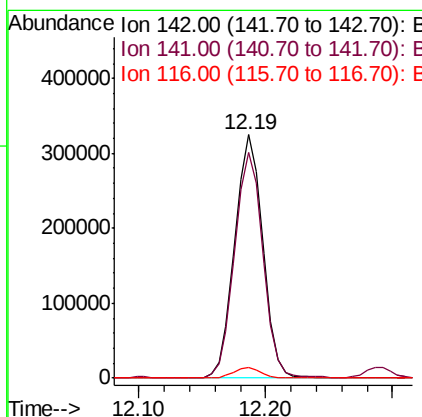
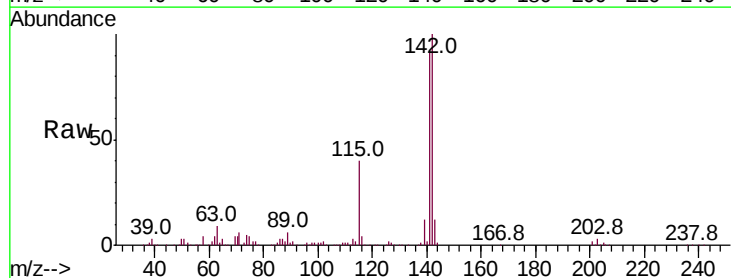
Instrument :
 BNA_M
 ClientSampleId :

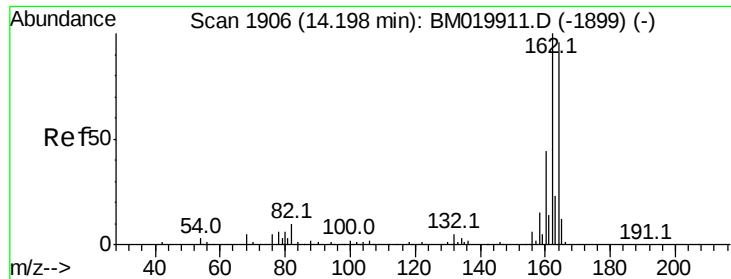
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	39.4	30.5	45.7



#38
 1-Methylnaphthalene
 Concen: 38.522 ng
 RT: 12.19 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.7	113.5
116	4.4	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

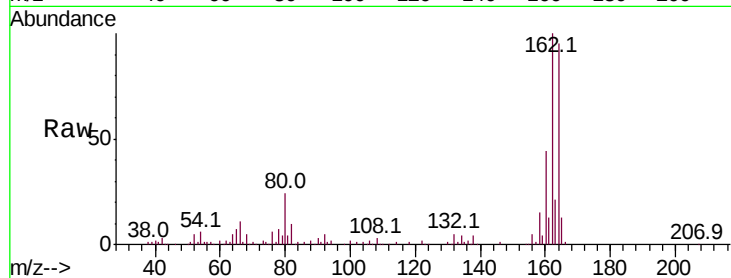
Tot Ion:164 Resp: 177872

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

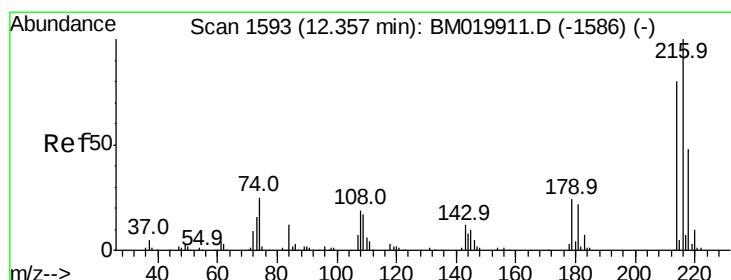
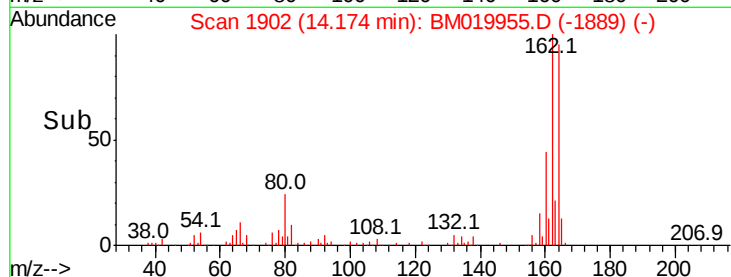
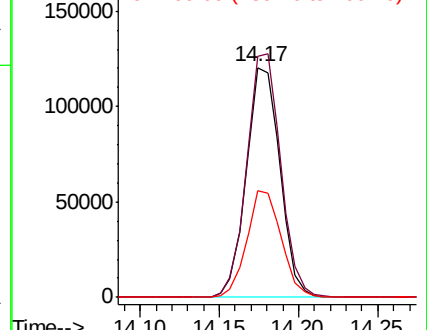
160 46.6 36.6 55.0



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: 44.430 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion:216 Resp: 243801

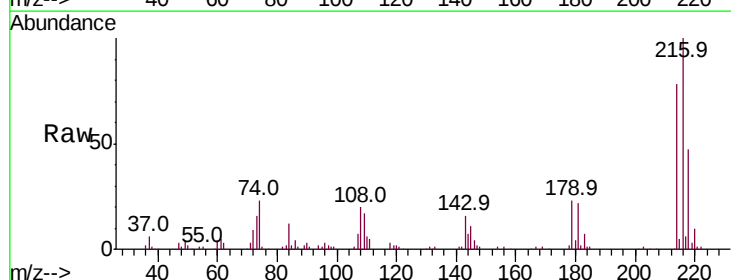
Ion Ratio Lower Upper

216 100

214 78.4 63.1 94.7

179 23.6 19.0 28.6

108 20.3 16.3 24.5

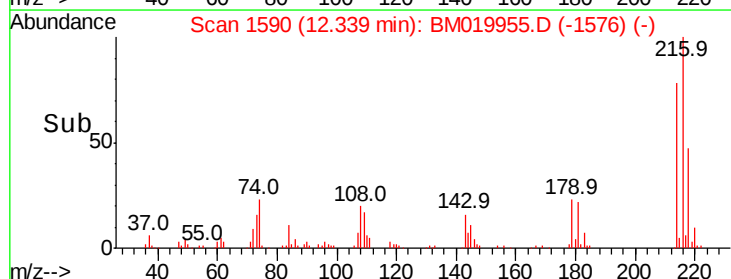
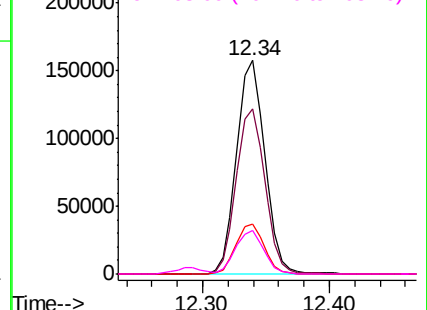


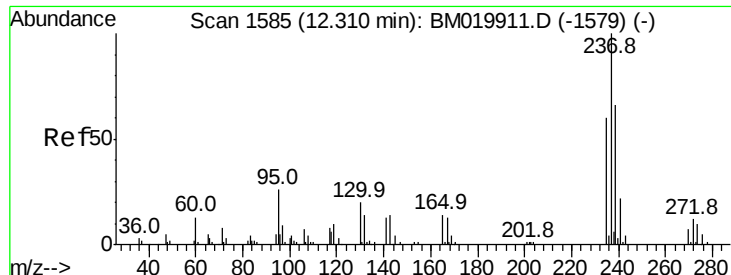
Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.553 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampled :

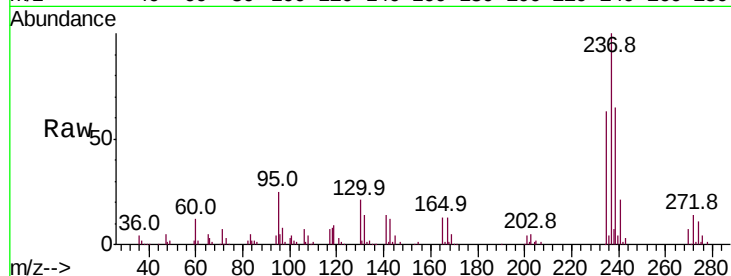
Tot Ion:237 Resp: 154401

Ion Ratio Lower Upper

237 100

235 62.8 40.4 80.4

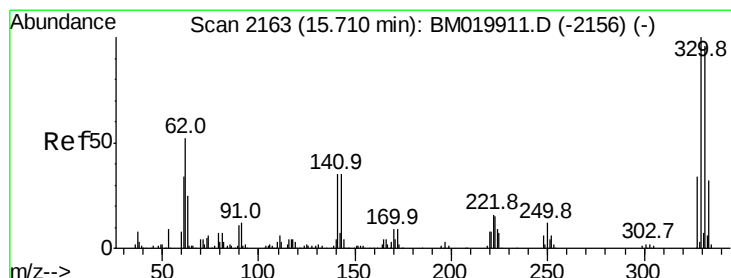
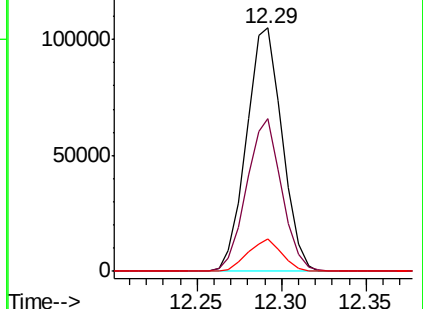
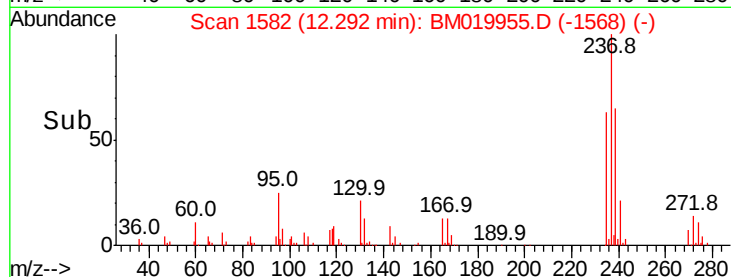
272 13.5 0.0 32.3



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: 74.543 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

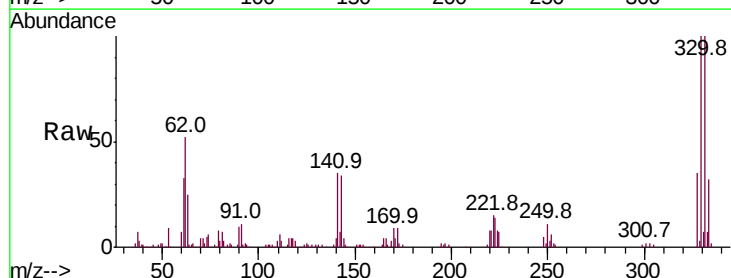
Tgt Ion:330 Resp: 213435

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

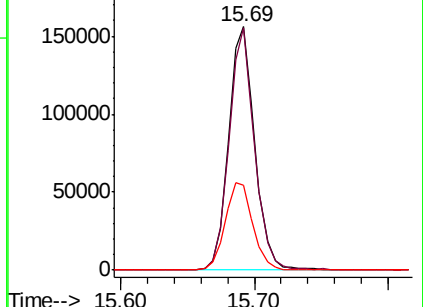
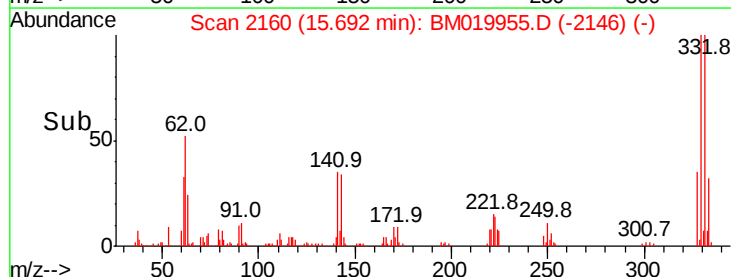
141 38.1 29.0 43.4

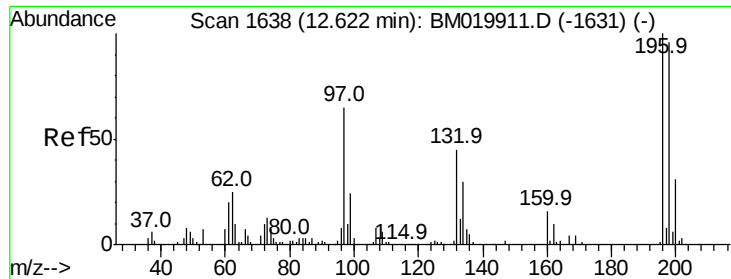


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

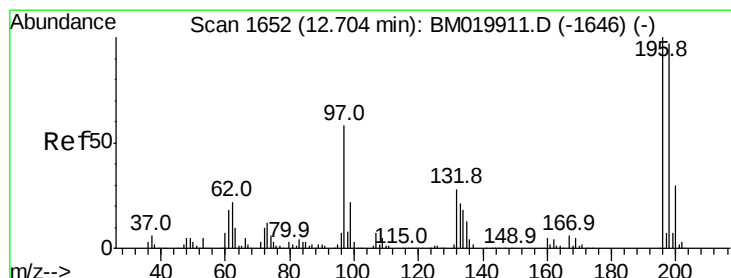
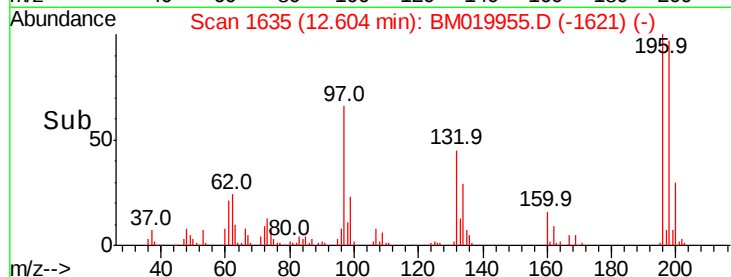
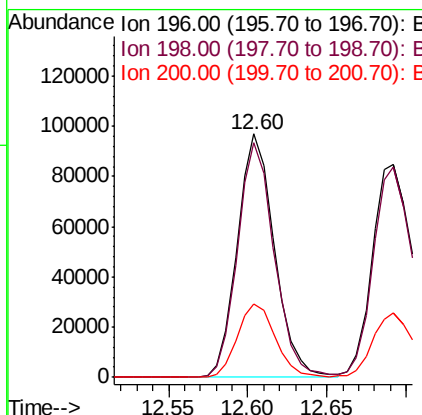
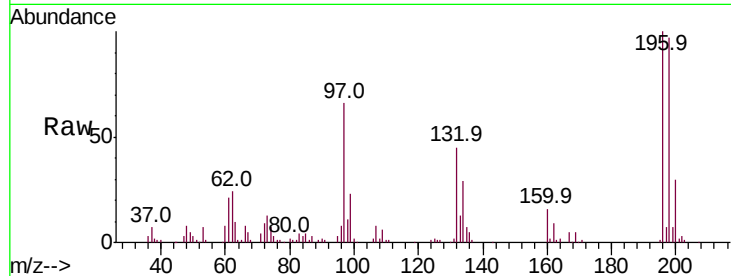




#43
 2,4,6-Trichlorophenol
 Concen: 42.391 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

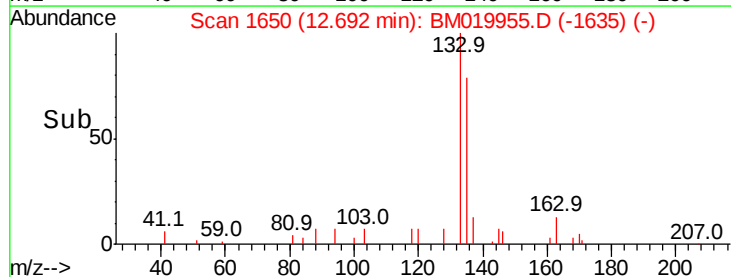
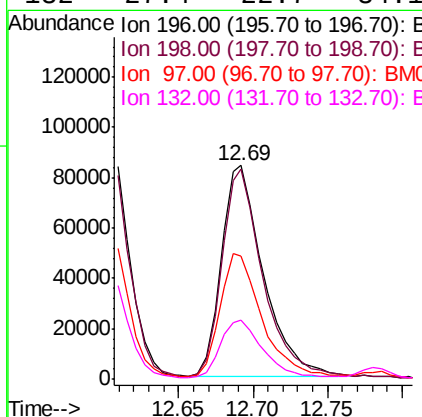
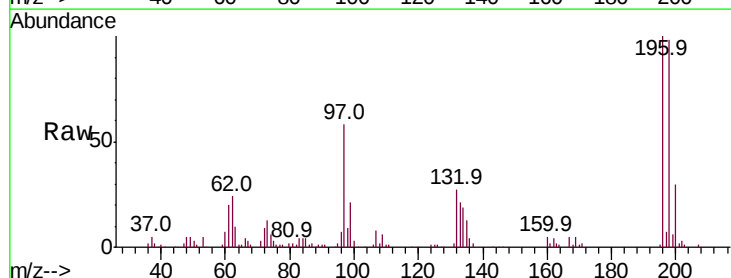
Instrument :
 BNA_M
 ClientSampled :

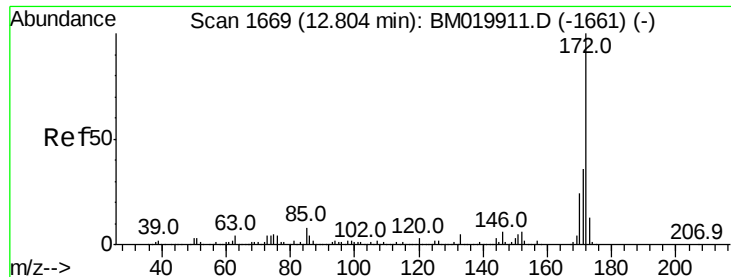
Tot Ion:196 Resp: 157702
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.8 115.2
 200 29.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.274 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion:196 Resp: 163681
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.8 116.8
 97 57.8 46.2 69.2
 132 27.4 22.7 34.1

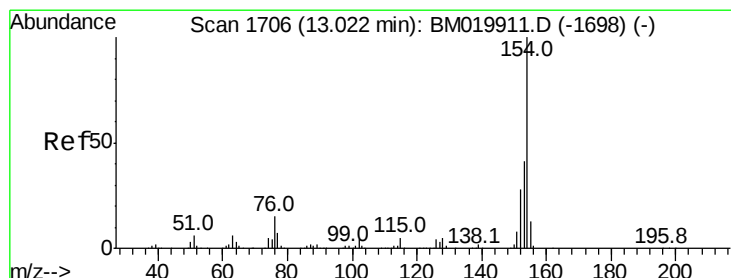
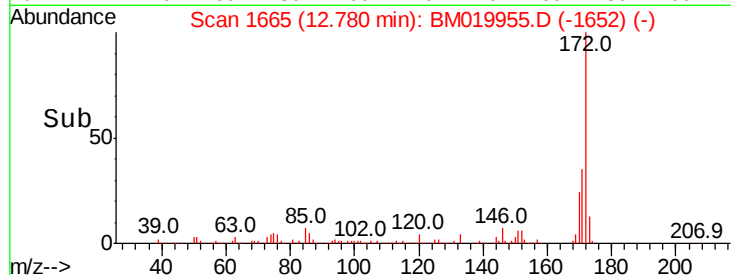
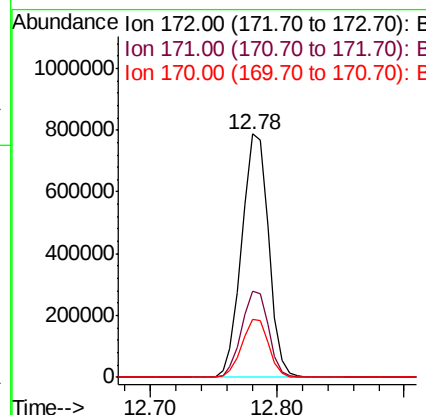
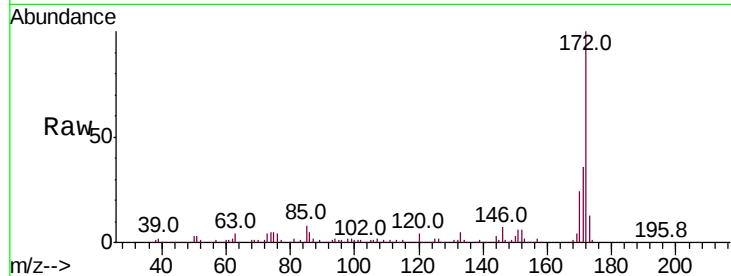




#45
2-Fluorobiphenyl
Concen: 80.861 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

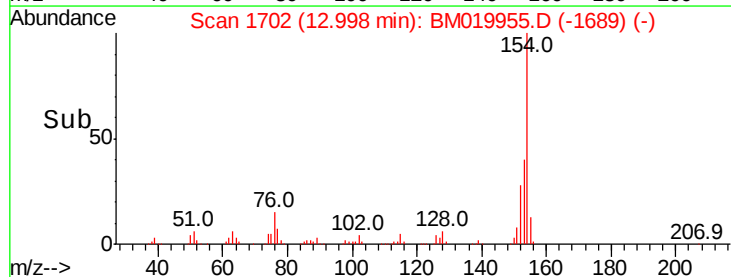
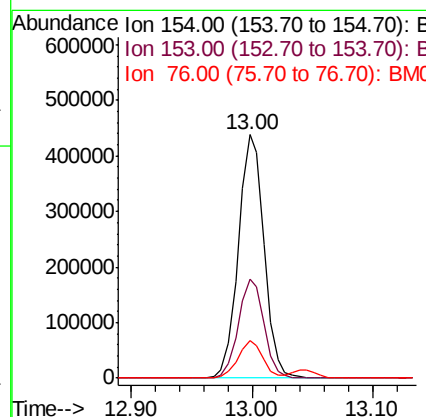
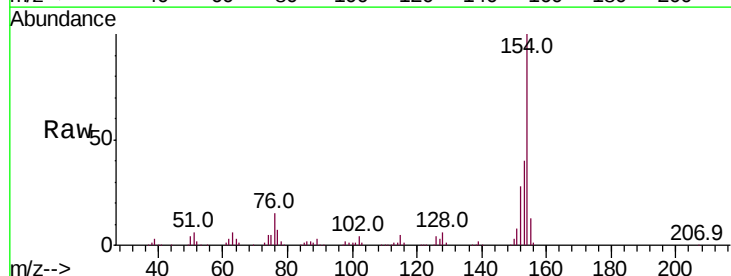
Instrument :
BNA_M
ClientSampleId :

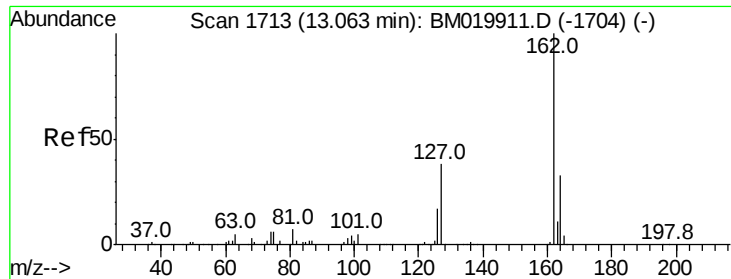
Tot Ion:172 Resp: 1154107
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.153 ng
RT: 13.00 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion:154 Resp: 649407
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 15.2 0.0 34.8





#47

2-Chloronaphthalene

Concen: 43.353 ng

RT: 13.05 min Scan# 1710

Delta R.T. -0.02 min

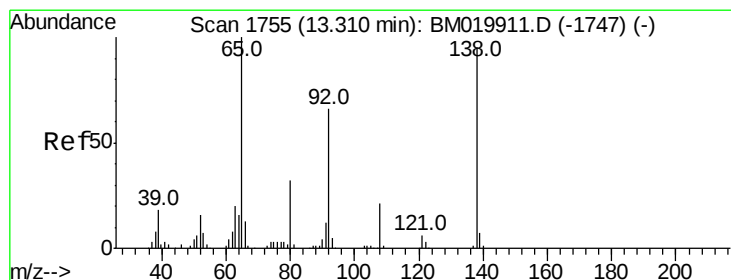
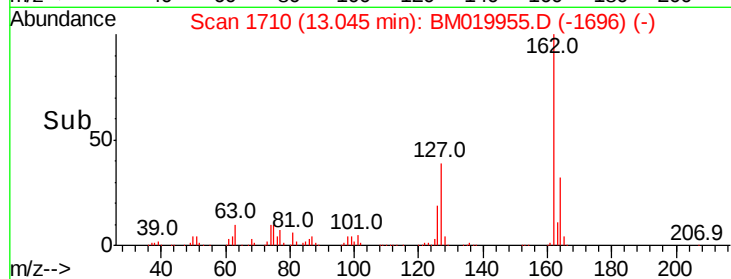
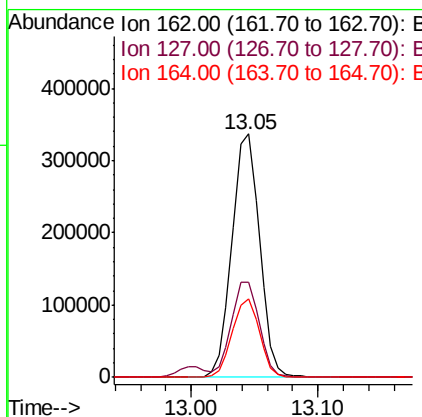
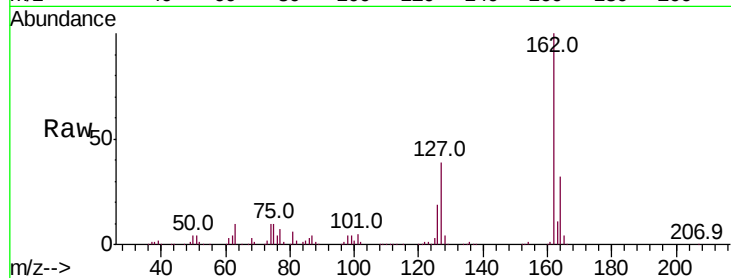
Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 509456

Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.3	48.5
164	32.2	26.3	39.5



#48

2-Nitroaniline

Concen: 40.199 ng

RT: 13.29 min Scan# 1752

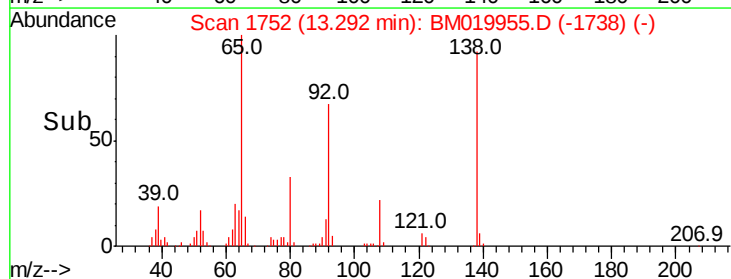
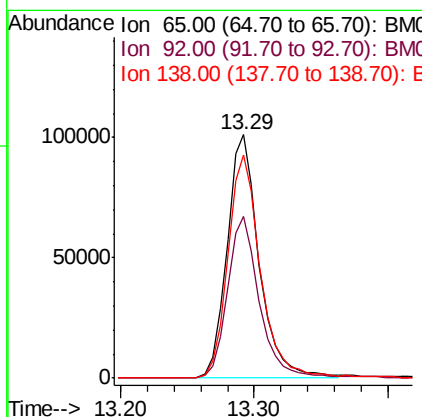
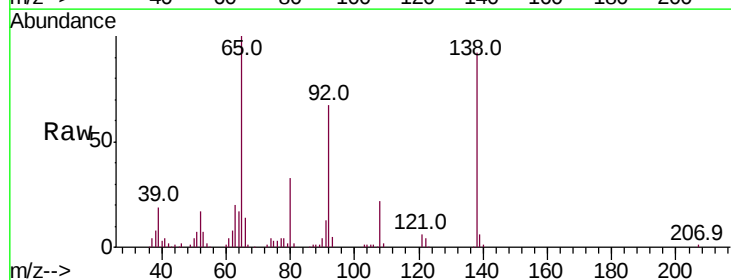
Delta R.T. -0.02 min

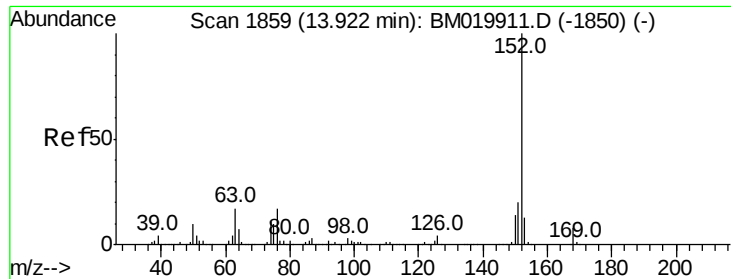
Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion: 65 Resp: 170275

Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.9	79.3
138	91.6	75.8	113.6





#49

Acenaphthylene

Concen: 39.610 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

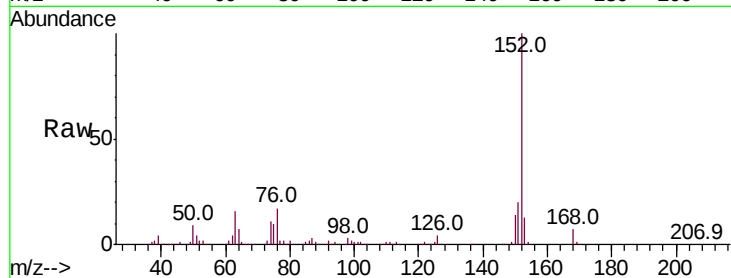
Tot Ion:152 Resp: 809881

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

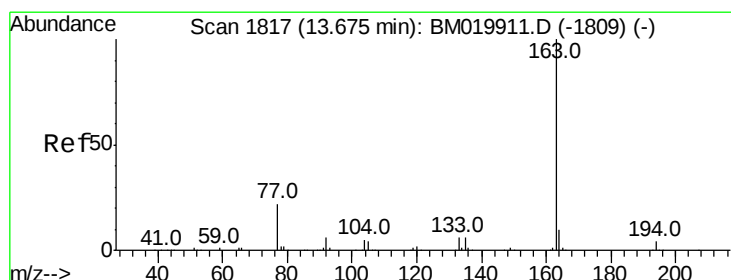
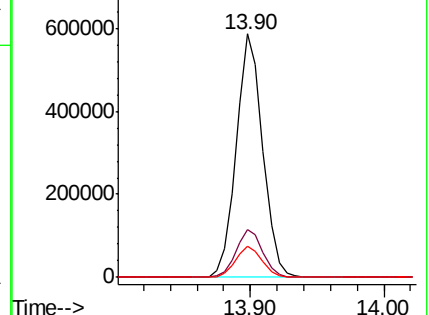
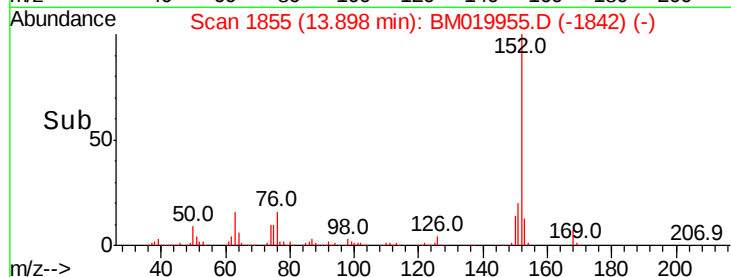
153 12.8 10.6 16.0



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: 40.722 ng

RT: 13.65 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

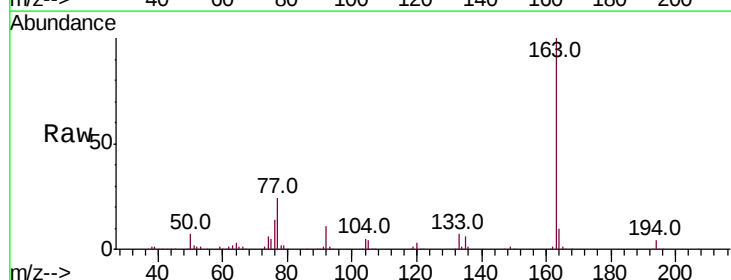
Tgt Ion:163 Resp: 638904

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

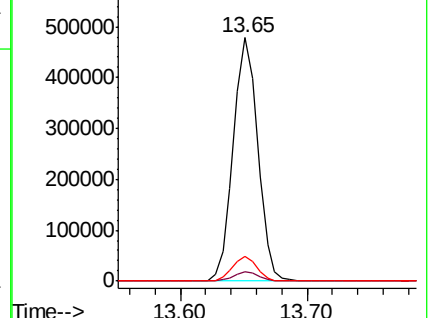
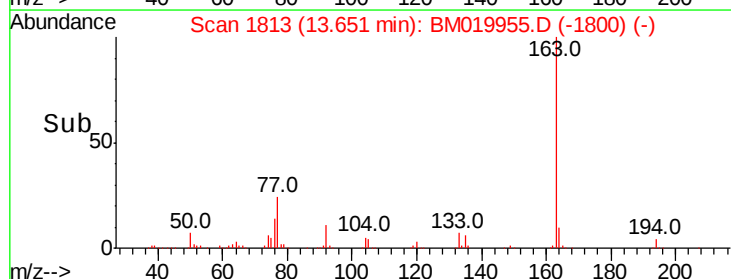
164 10.1 7.9 11.9

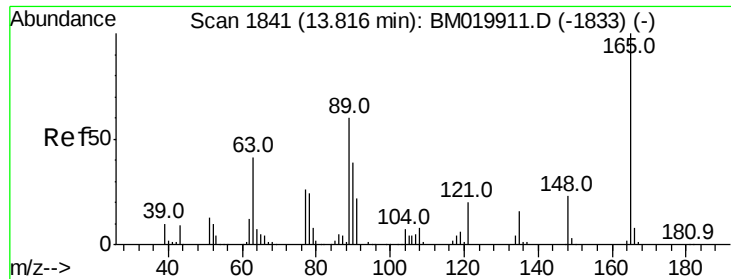


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

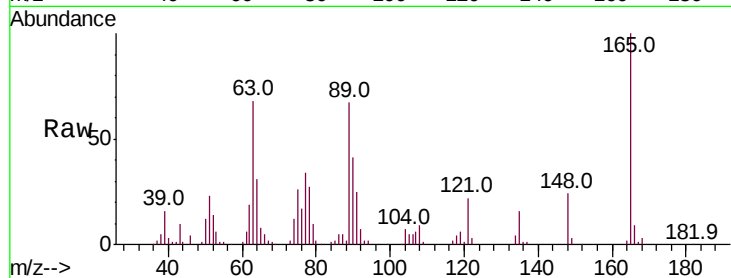




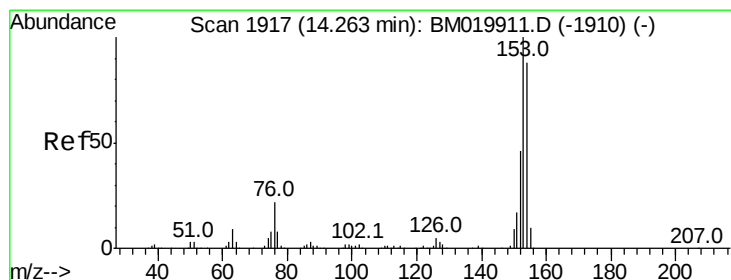
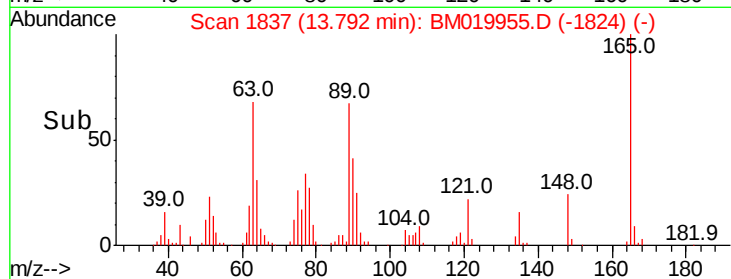
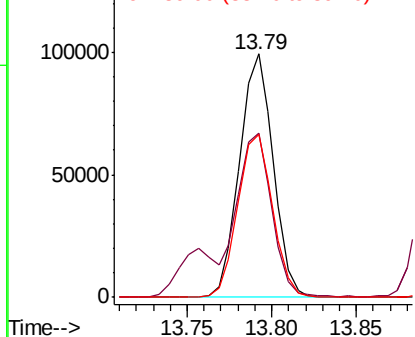
#51
 2,6-Dinitrotoluene
 Concen: 39.852 ng
 RT: 13.79 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.5	48.5	72.7
89	66.8	48.2	72.4

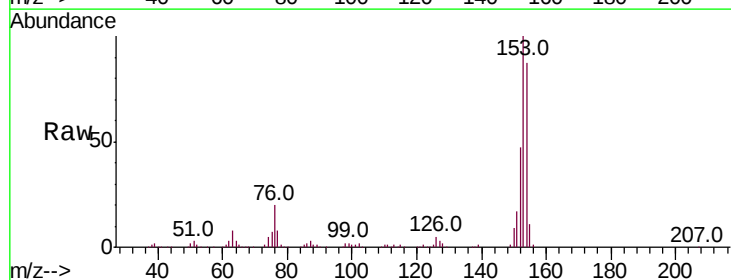


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM

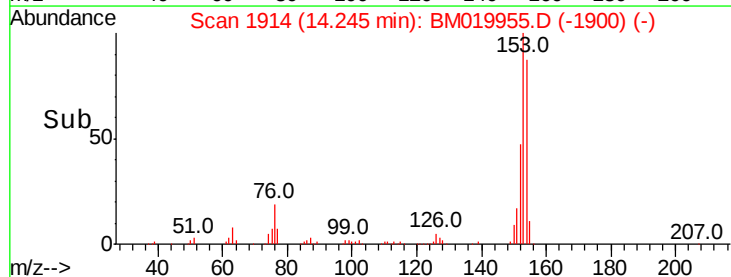
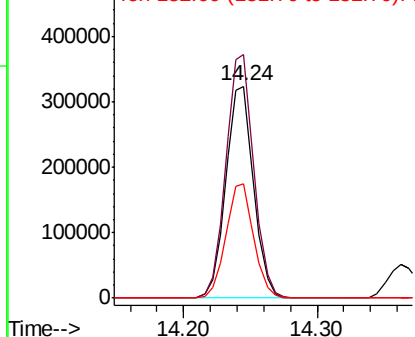


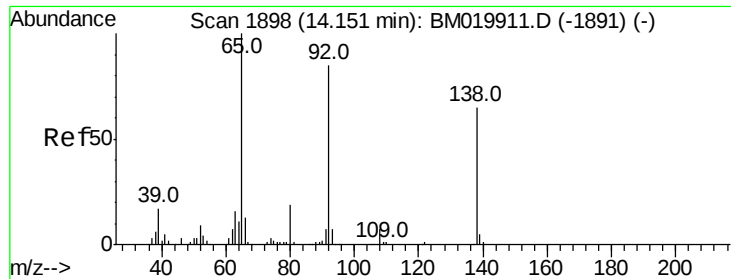
#52
 Acenaphthene
 Concen: 41.569 ng
 RT: 14.24 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.0	136.4
152	54.1	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: 39.436 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampled :

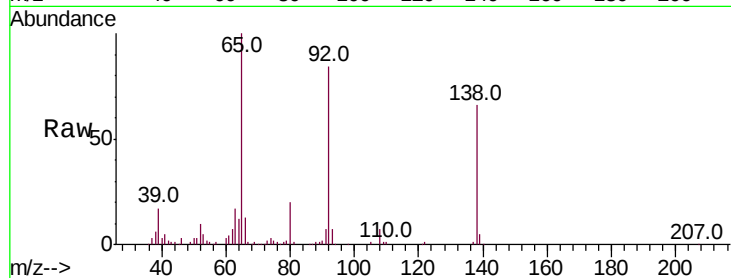
Tot Ion:138 Resp: 136615

Ion Ratio Lower Upper

138 100

108 10.4 8.9 13.3

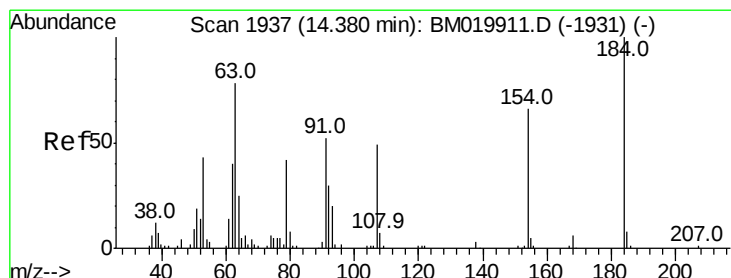
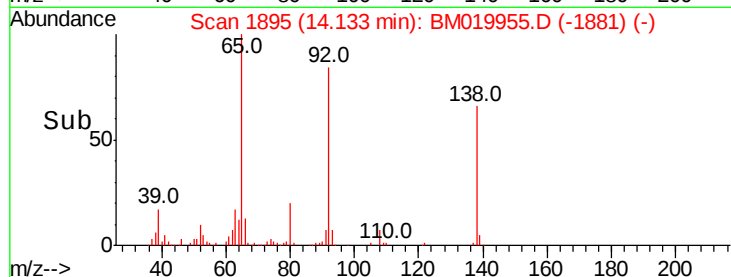
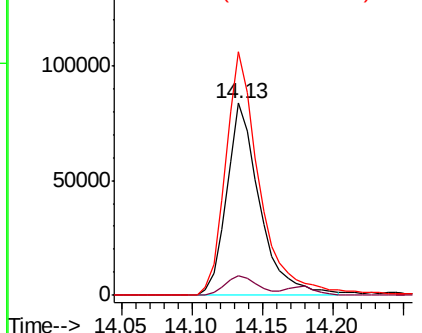
92 126.9 103.8 155.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 70.167 ng

RT: 14.36 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

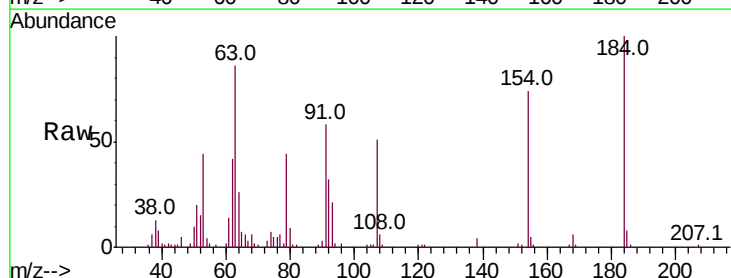
Tgt Ion:184 Resp: 143267

Ion Ratio Lower Upper

184 100

63 85.9 62.3 93.5

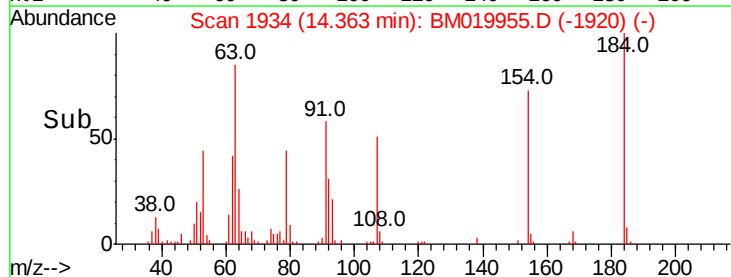
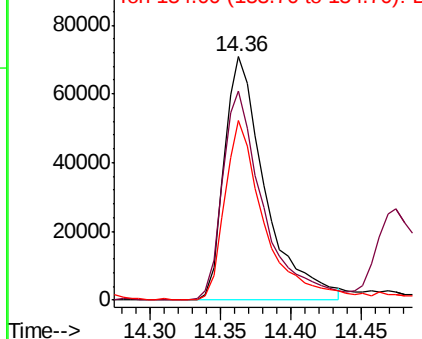
154 73.9 53.0 79.6

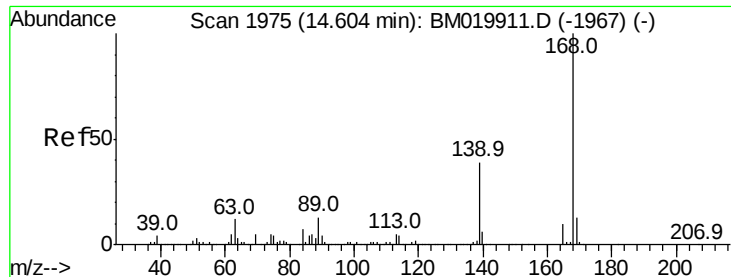


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

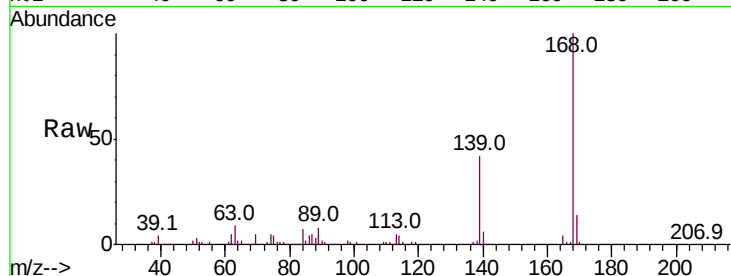




#55
 Dibenzofuran
 Concen: 40.837 ng
 RT: 14.58 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	31.5	47.3
169	13.7	10.6	16.0

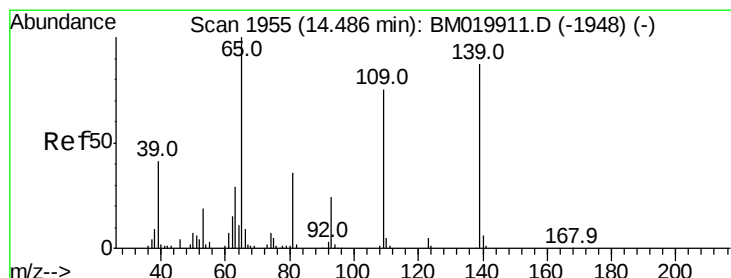
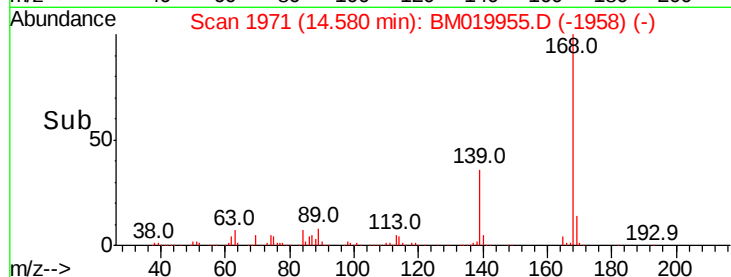
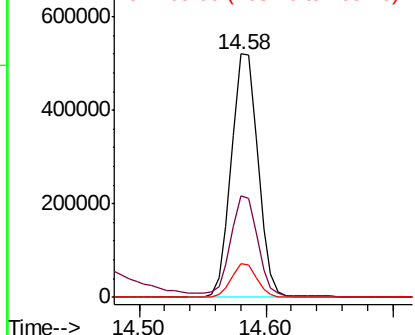


Abundance

Ion 168.00 (167.70 to 168.70): E

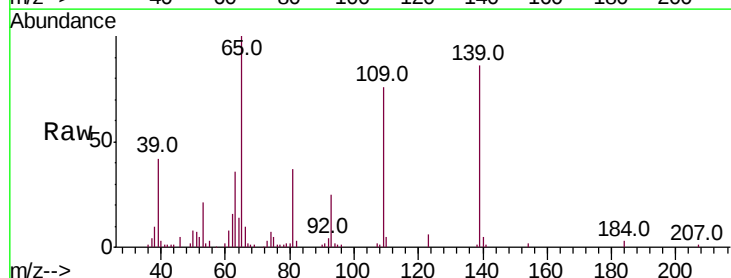
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
 4-Nitrophenol
 Concen: 64.275 ng
 RT: 14.47 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.0	65.3	105.3
65	115.8	94.9	134.9

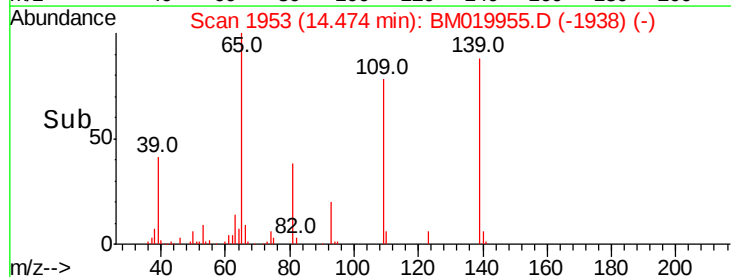
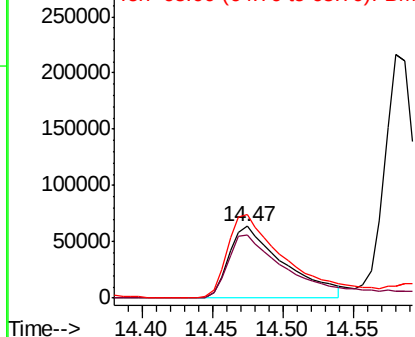


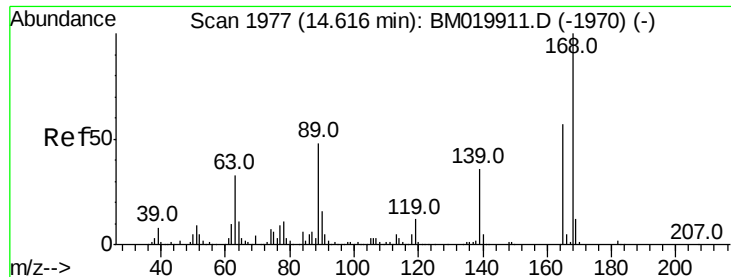
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

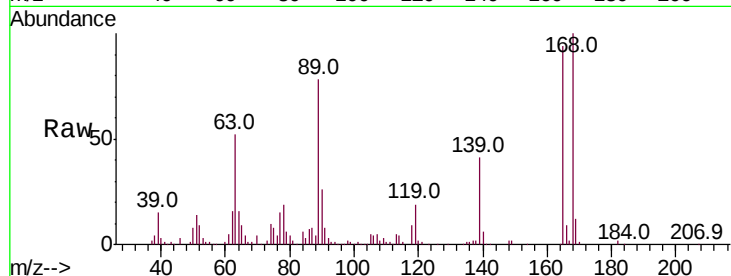




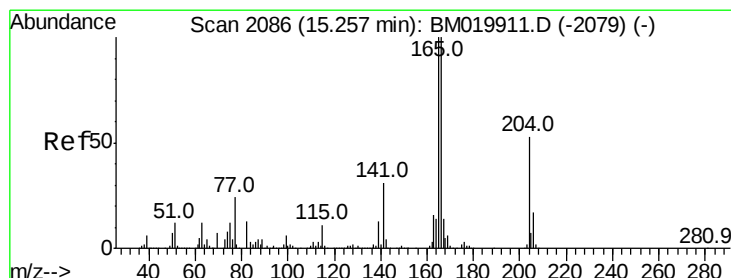
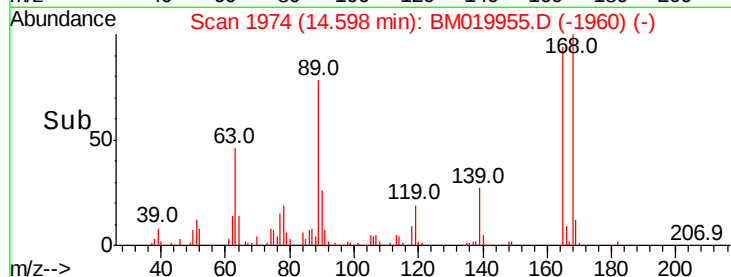
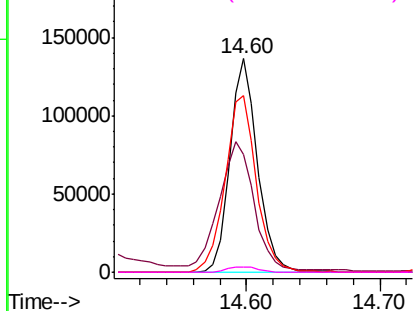
#57
 2,4-Dinitrotoluene
 Concen: 39.346 ng
 RT: 14.60 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 196220
 Ion Ratio Lower Upper
 165 100
 63 55.3 46.0 69.0
 89 83.0 67.5 101.3
 182 2.7 2.4 3.6

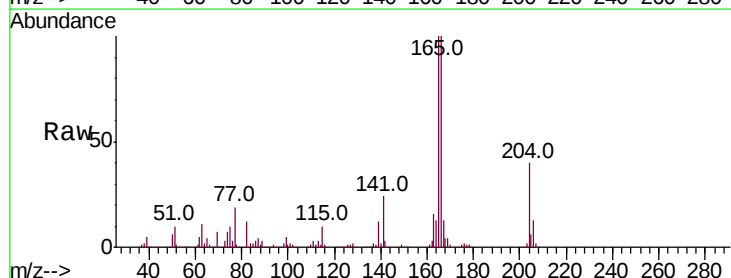


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

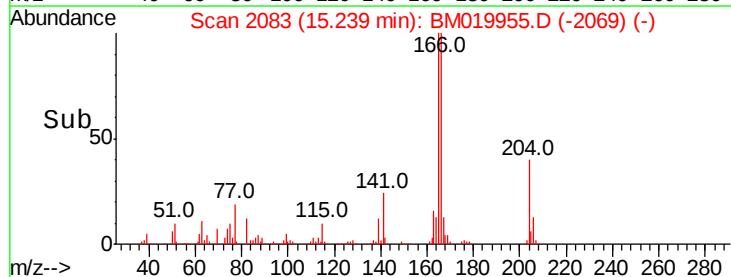
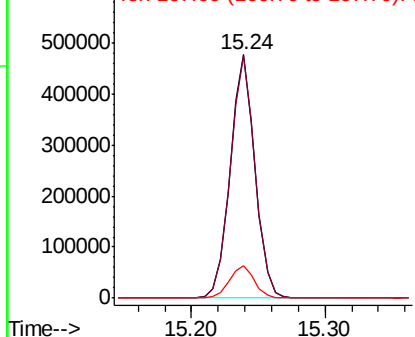


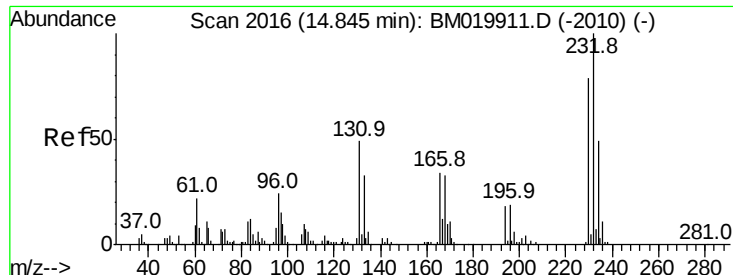
#58
 Fluorene
 Concen: 39.094 ng
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion:166 Resp: 614102
 Ion Ratio Lower Upper
 166 100
 165 99.7 80.1 120.1
 167 13.1 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

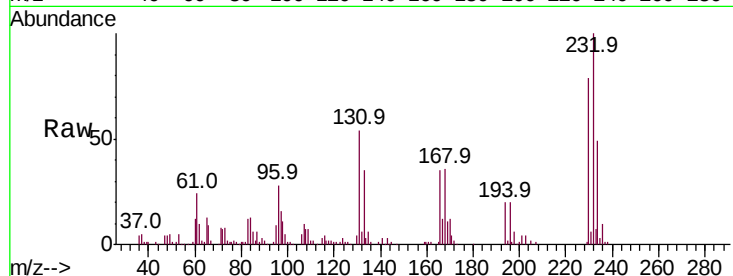




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.869 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.5	42.1	63.1
130	3.2	2.2	3.4
166	34.7	28.1	42.1



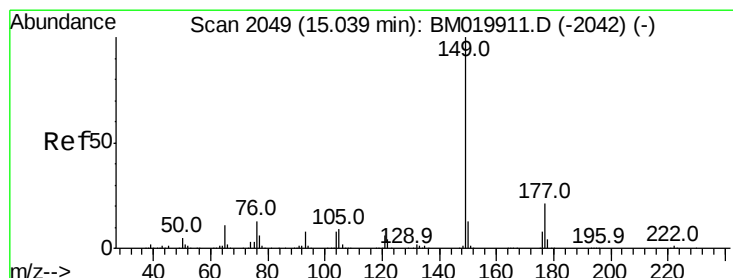
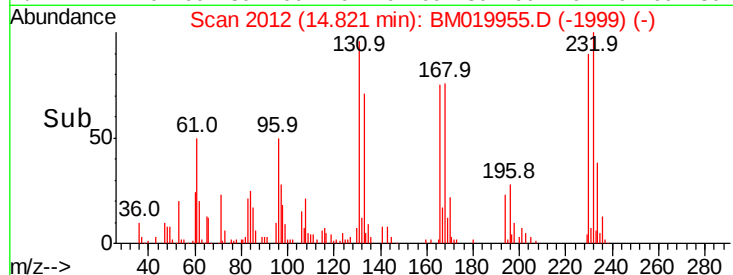
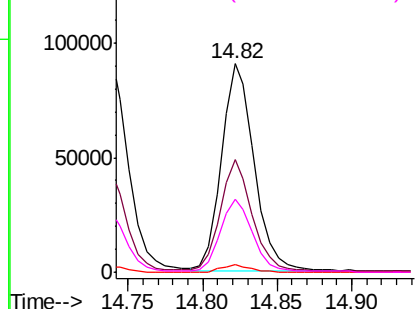
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

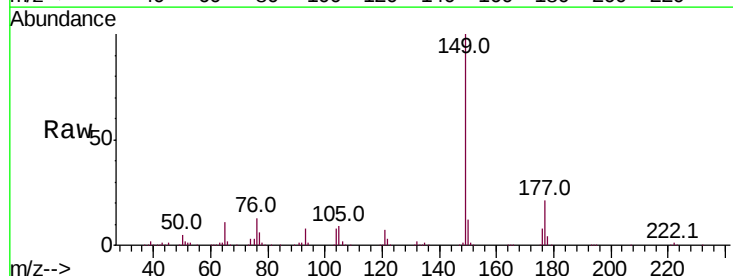
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.204 ng
RT: 15.02 min Scan# 2046
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.6	25.0
150	12.3	10.0	15.0

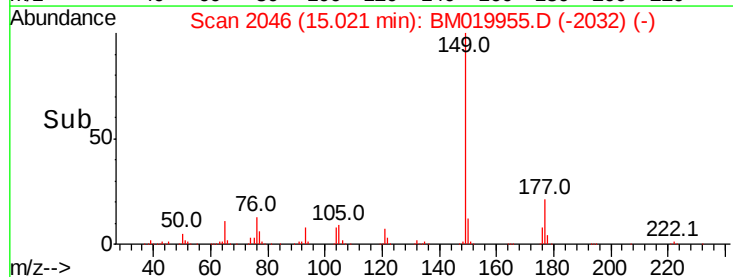
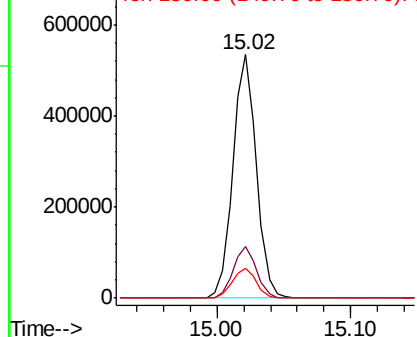


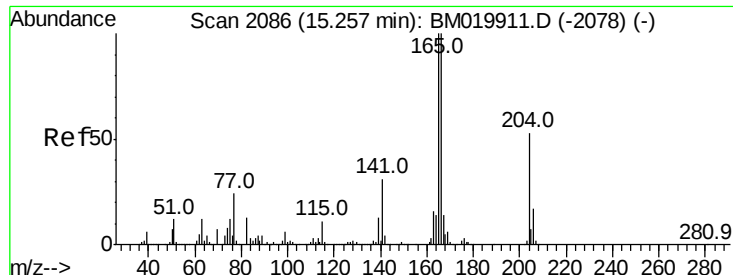
Abundance

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

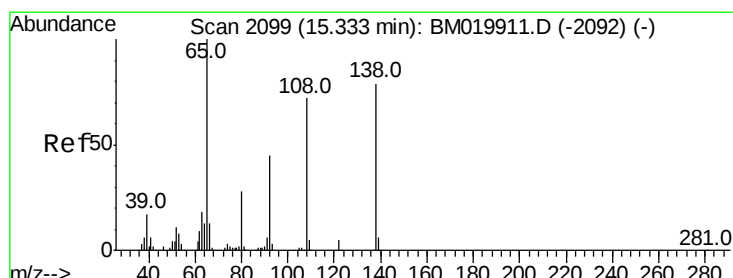
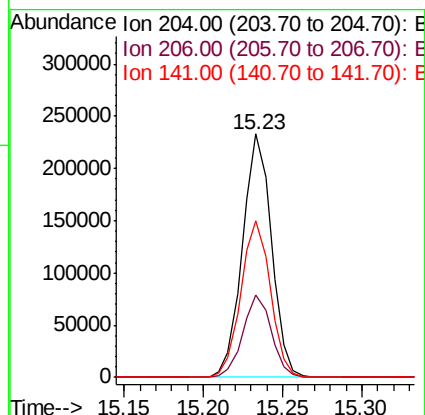
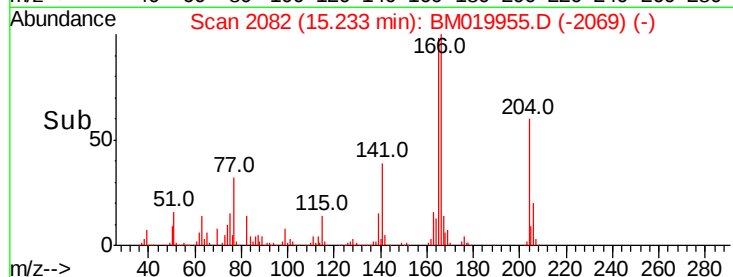
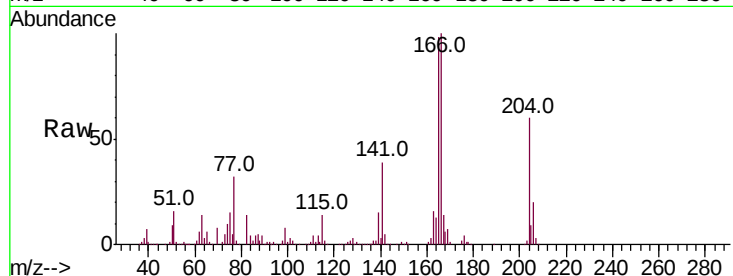




#61
4-Chlorophenyl-phenylether
Concen: 39.148 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

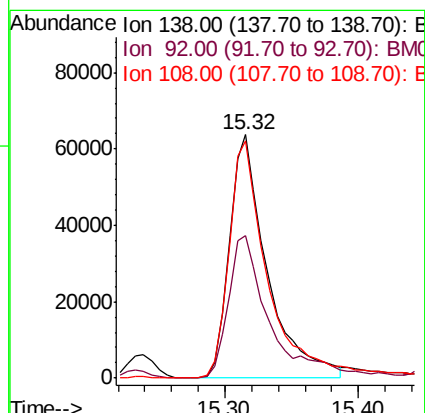
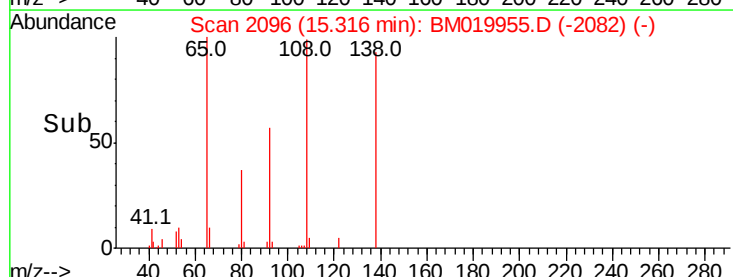
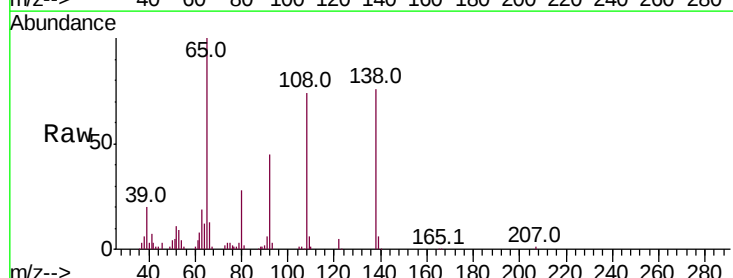
Instrument :
BNA_M
ClientSampled :

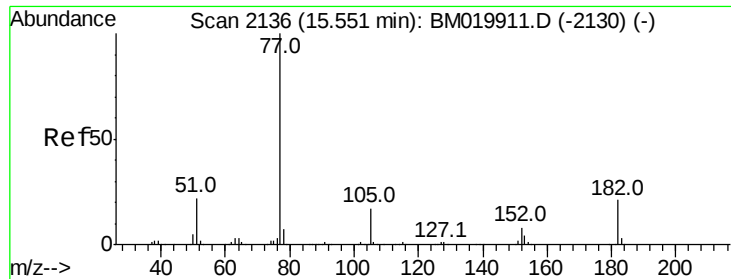
Tot Ion:204 Resp: 296081
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 64.3 47.0 70.4



#62
4-Nitroaniline
Concen: 36.831 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion:138 Resp: 125710
Ion Ratio Lower Upper
138 100
92 58.5 36.8 76.8
108 97.3 71.5 111.5

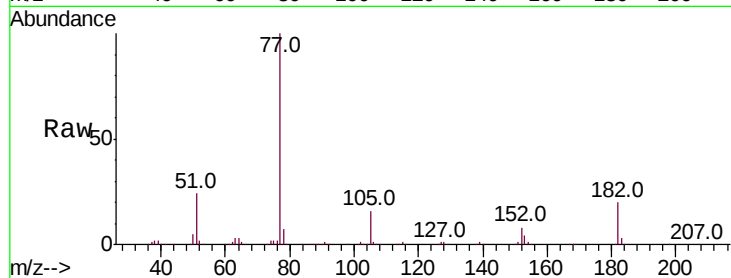




#63
Azobenzene
Concen: 40.931 ng
RT: 15.53 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	713847
Ion	Ratio	Lower	Upper
77	100		
182	20.2	1.0	41.0
105	16.3	0.0	37.1
51	23.5	2.1	42.1

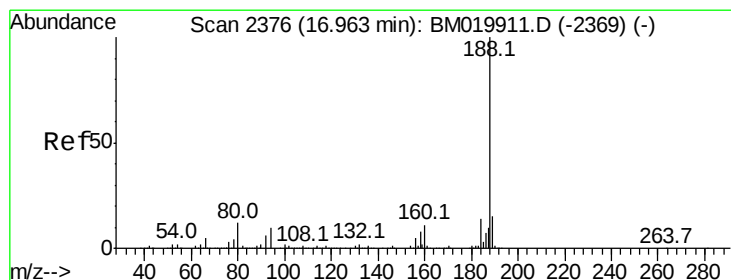
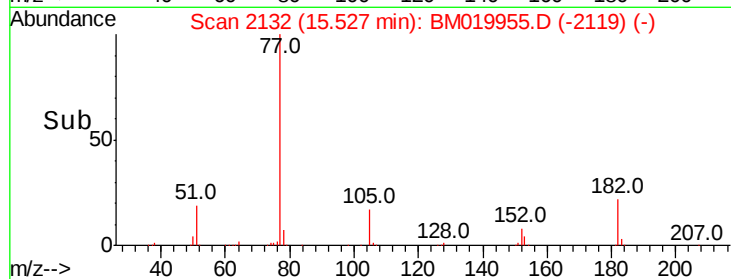
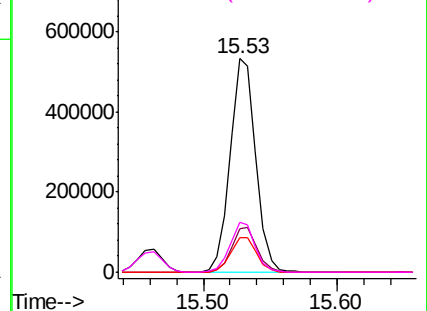


Abundance Ion 77.00 (76.70 to 77.70): BM019911.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM019911.D (-2130) (-)

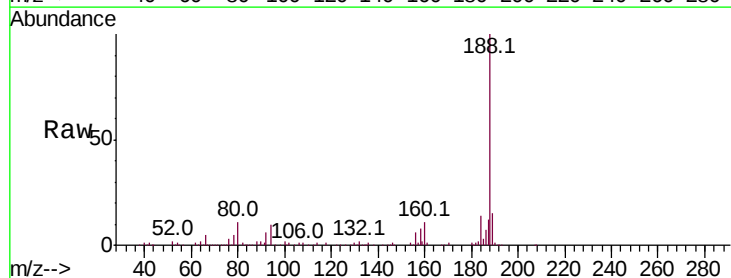
Ion 105.00 (104.70 to 105.70): BM019911.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM019911.D (-2130) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

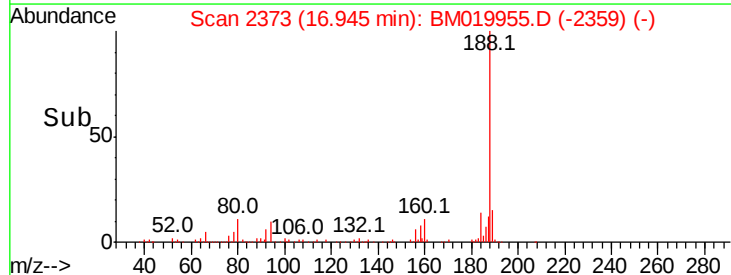
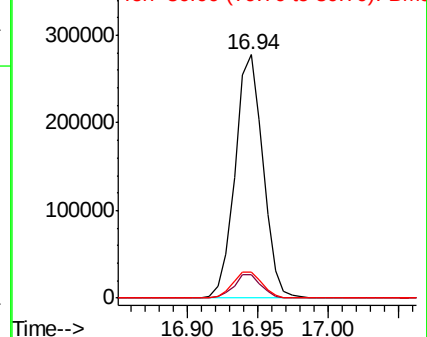
Tgt Ion:	188	Resp:	381934
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.6	11.4
80	10.8	9.4	14.0

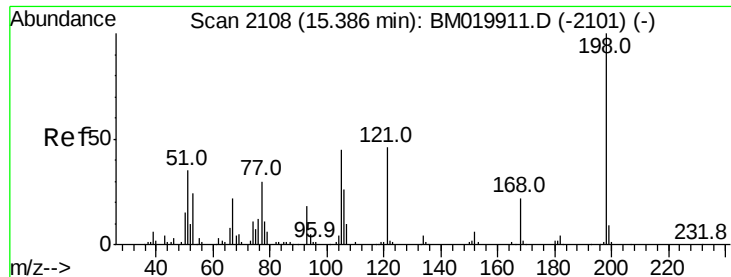


Abundance Ion 188.00 (187.70 to 188.70): BM019911.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM019911.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM019911.D (-2369) (-)

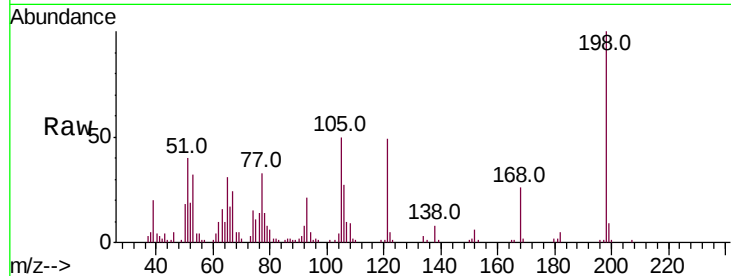




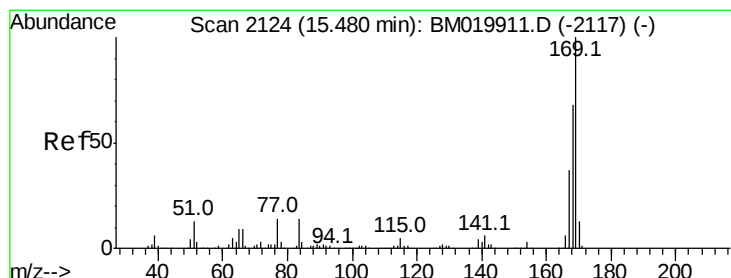
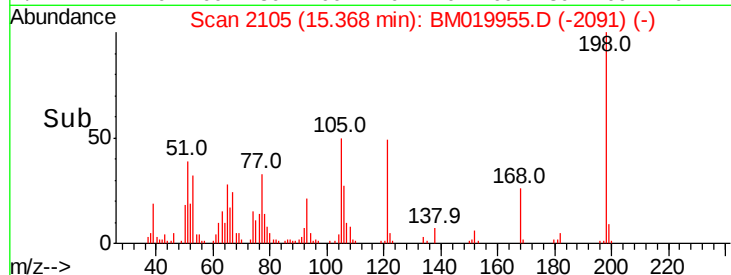
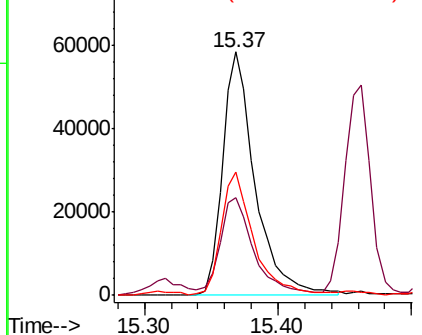
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.724 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	17.9	57.9
105	50.5	26.1	66.1

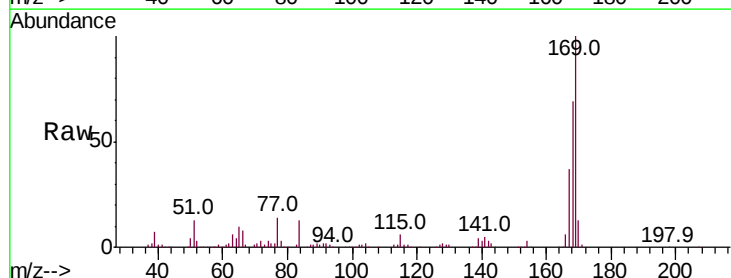


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

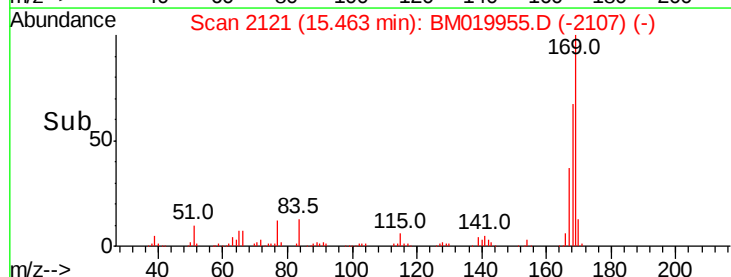
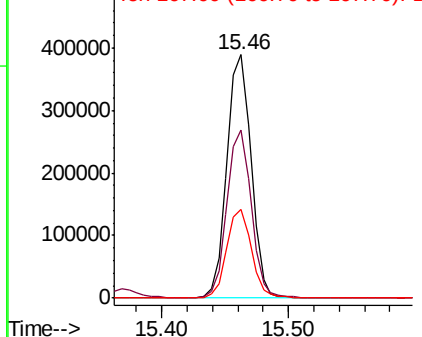


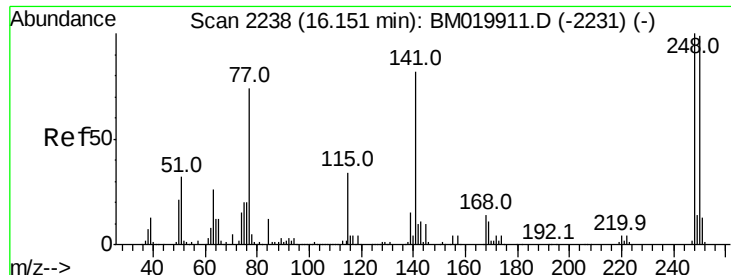
#66
 n-Nitrosodiphenylamine
 Concen: 41.176 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	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

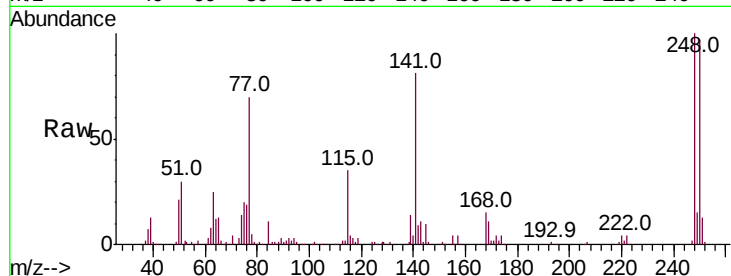




#67
 4-Bromophenyl-phenylether
 Concen: 40.005 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.9	118.3
141	80.6	65.6	98.4

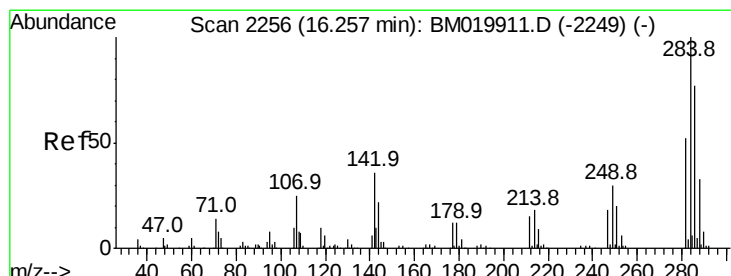
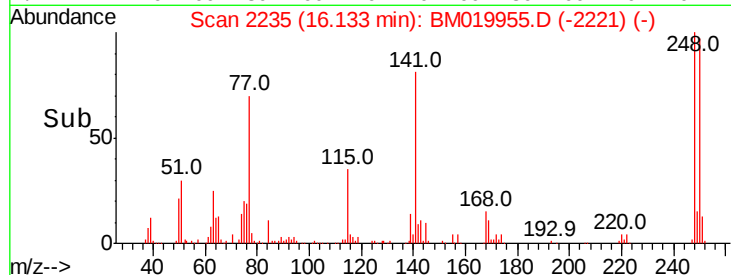
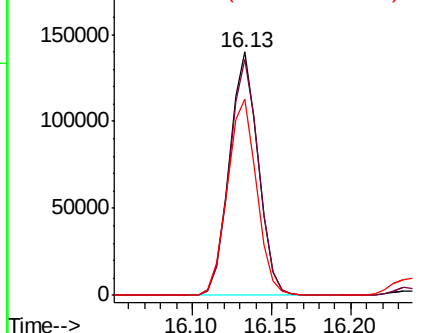


Abundance

Ion 248.00 (247.70 to 248.70): E

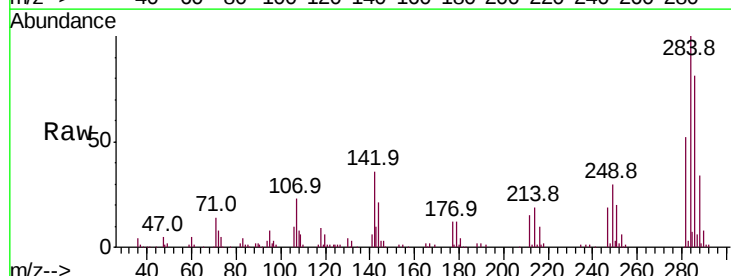
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.798 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.9	43.3
249	29.9	23.8	35.6

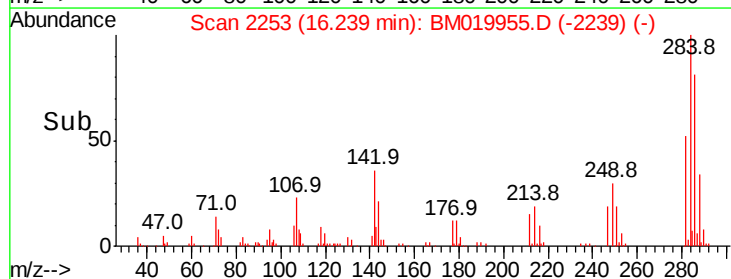
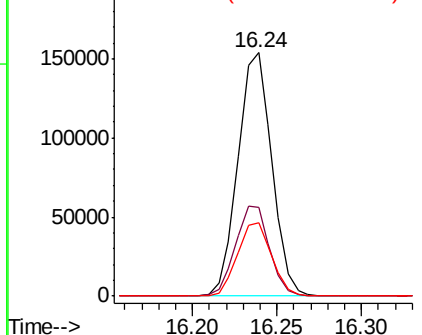


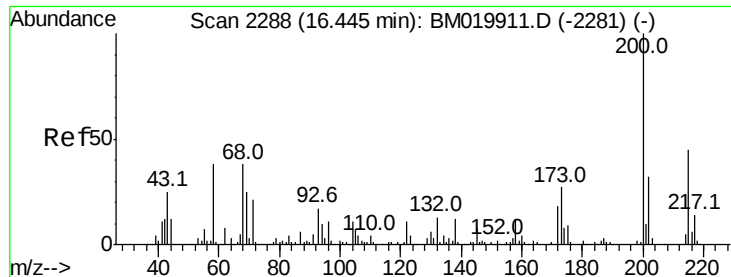
Abundance

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: 12.224 ng

RT: 16.43 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

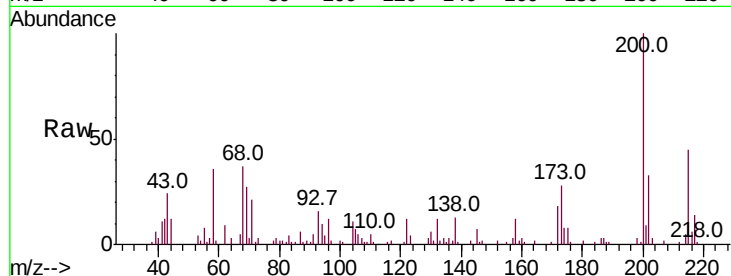
Tot Ion:200 Resp: 51815

Ion Ratio Lower Upper

200 100

173 27.9 7.2 47.2

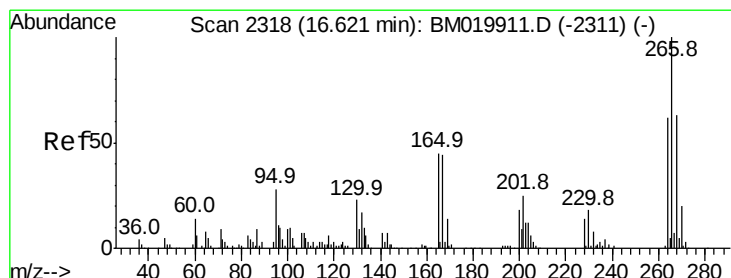
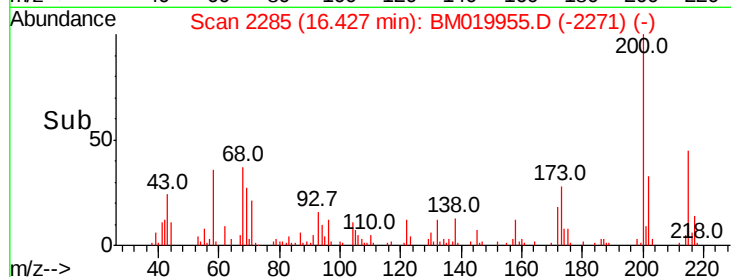
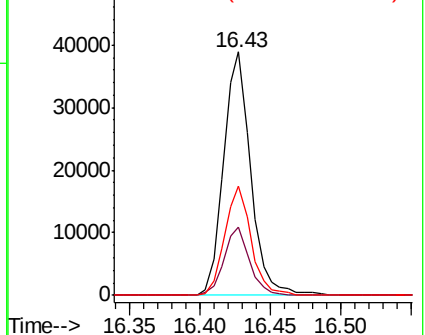
215 44.8 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.458 ng

RT: 16.60 min Scan# 2315

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

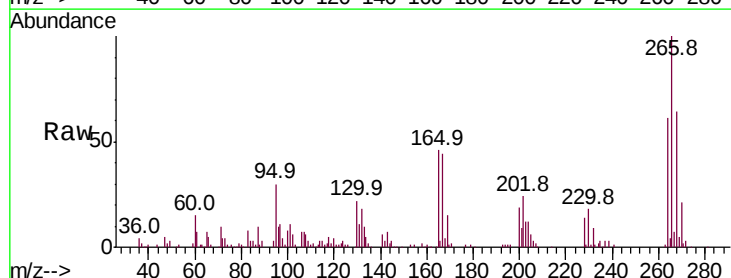
Tgt Ion:266 Resp: 200448

Ion Ratio Lower Upper

266 100

268 64.1 50.3 75.5

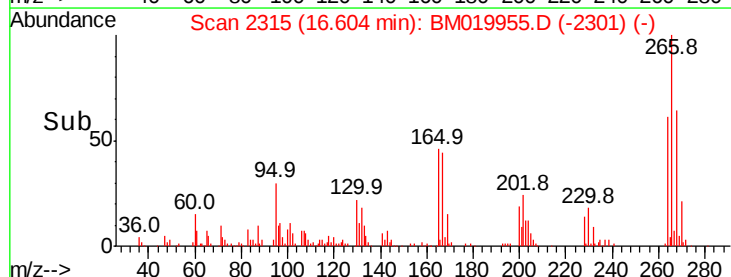
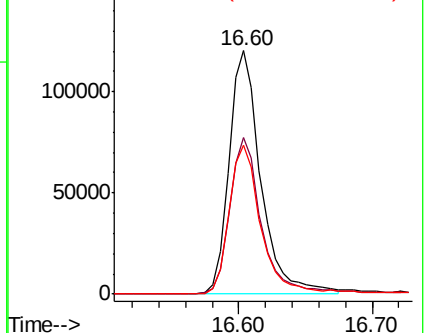
264 61.3 49.8 74.8

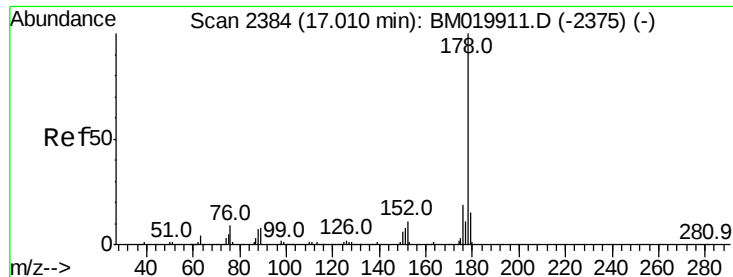


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

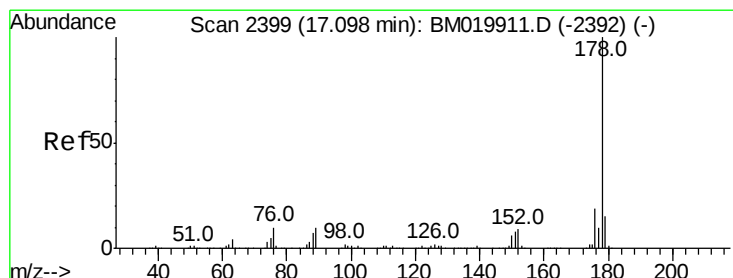
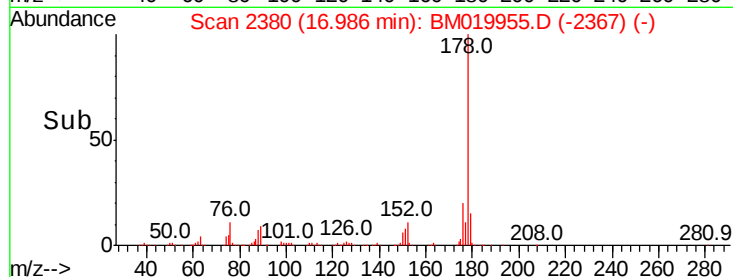
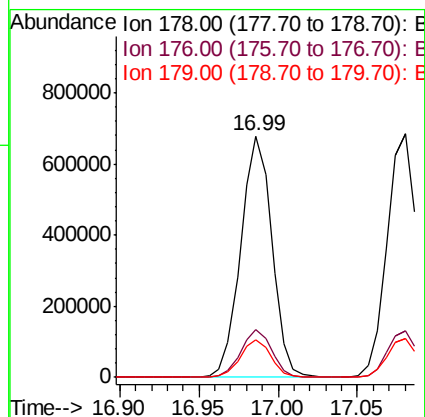
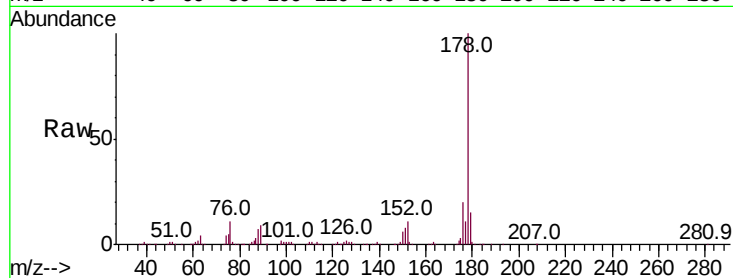




#71
Phenanthrene
Concen: 40.842 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

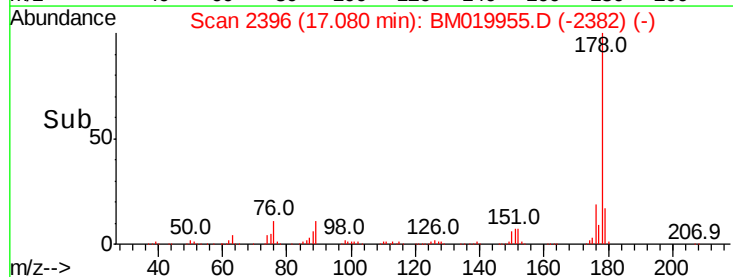
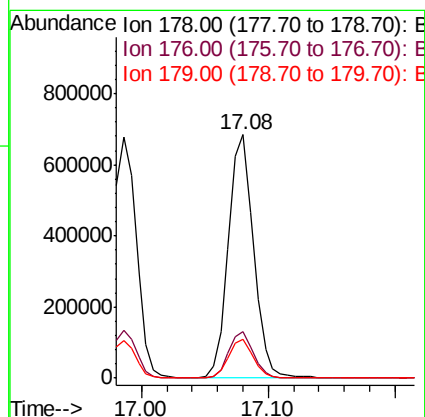
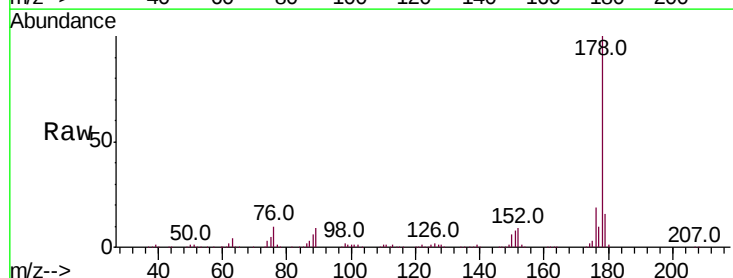
Instrument :
BNA_M
ClientSampleId :

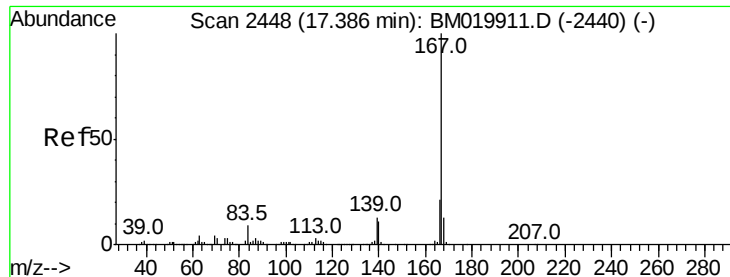
Tot Ion:178 Resp: 925675
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 15.4 12.2 18.4



#72
Anthracene
Concen: 41.434 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion:178 Resp: 934823
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.7 12.2 18.4

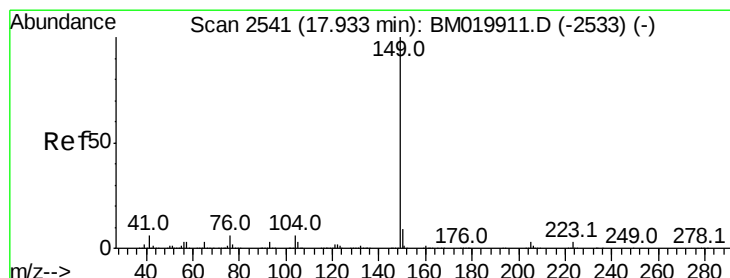
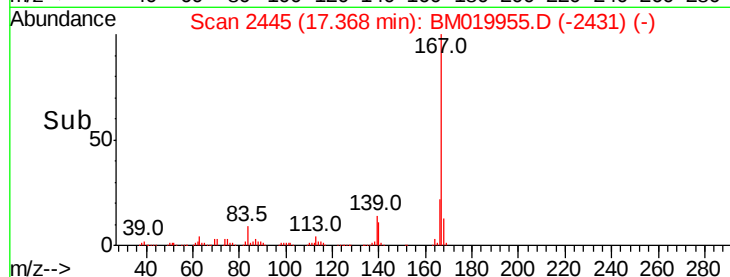
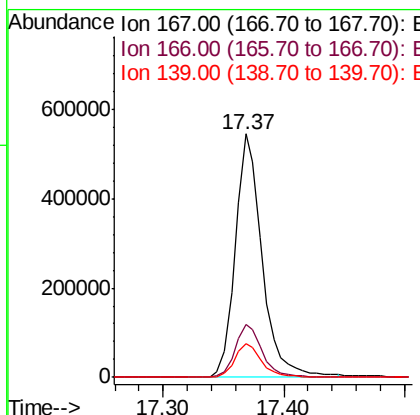
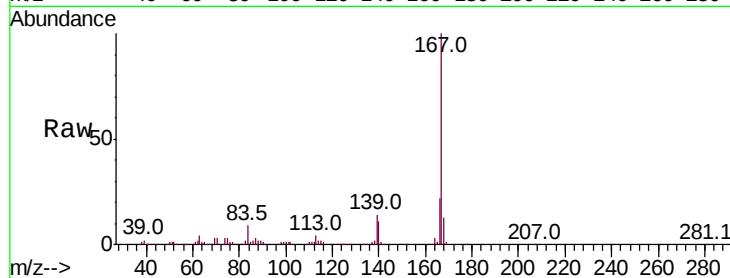




#73
 Carbazole
 Concen: 40.141 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

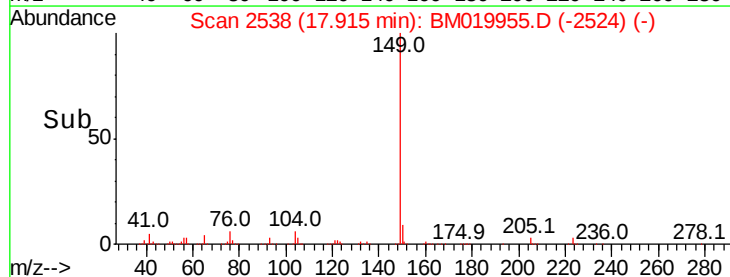
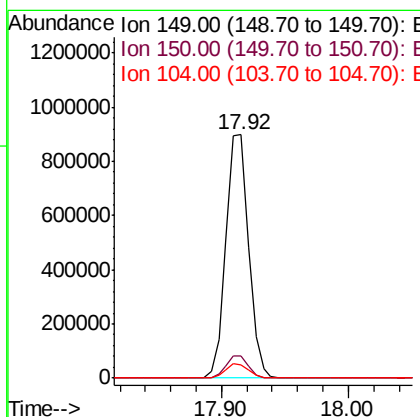
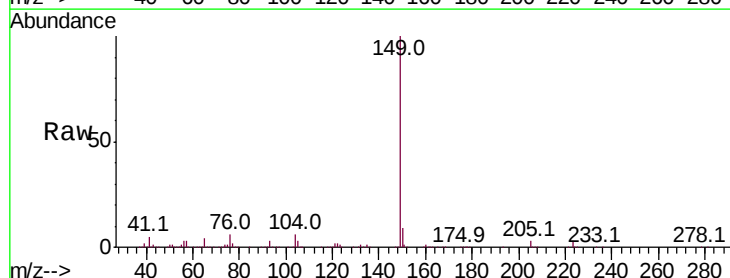
Instrument :
 BNA_M
 ClientSampleId :

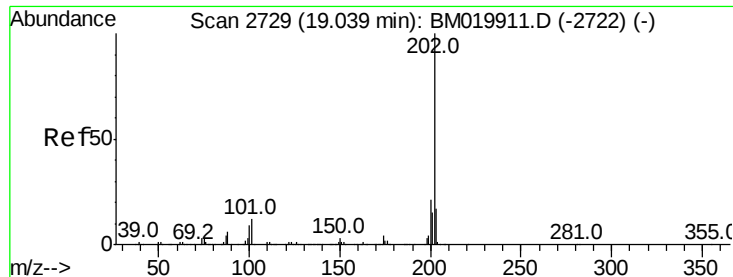
Tot Ion:167 Resp: 845544
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.7 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 40.336 ng
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BM019955.D
 Acq: 18 Apr 2019 16:03

Tgt Ion:149 Resp: 1115829
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 5.6 4.6 7.0





#75

Fluoranthene

Concen: 40.845 ng

RT: 19.02 min Scan# 2725

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

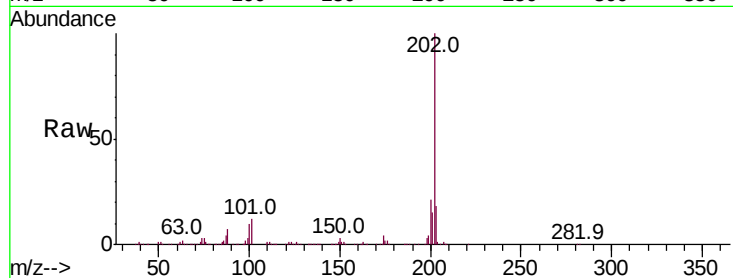
Tot Ion:202 Resp: 1065368

Ion Ratio Lower Upper

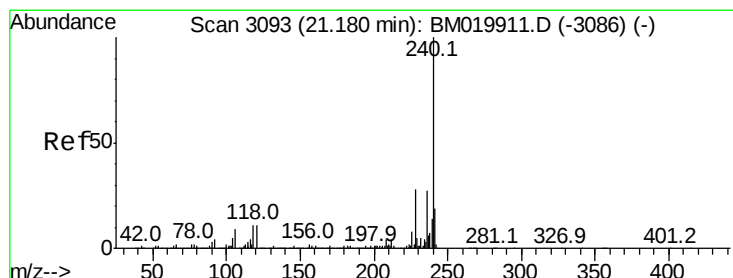
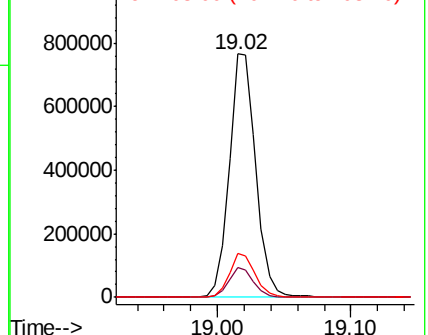
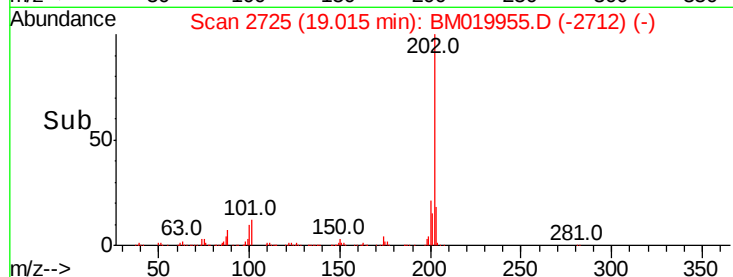
202 100

101 12.2 0.0 31.7

203 17.9 0.0 37.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

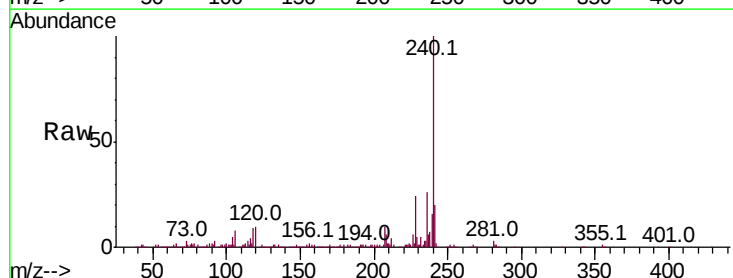
Tgt Ion:240 Resp: 428160

Ion Ratio Lower Upper

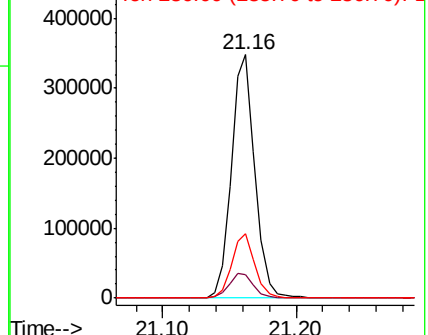
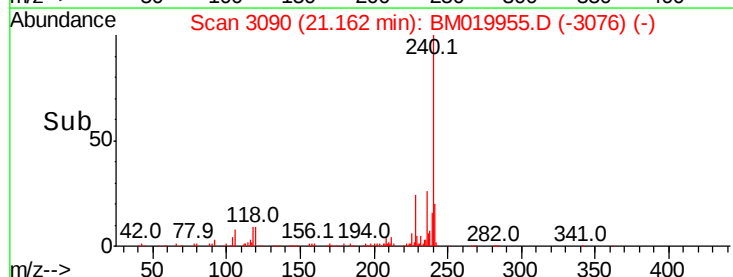
240 100

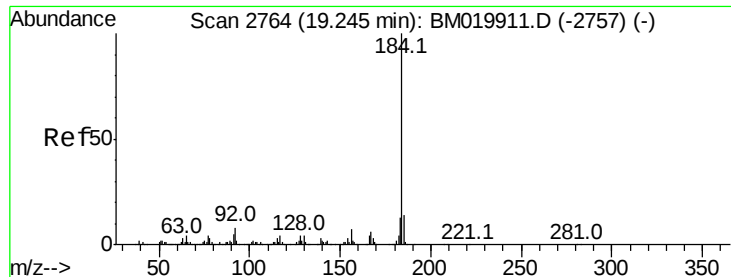
120 9.5 8.6 13.0

236 26.4 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.518 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampled :

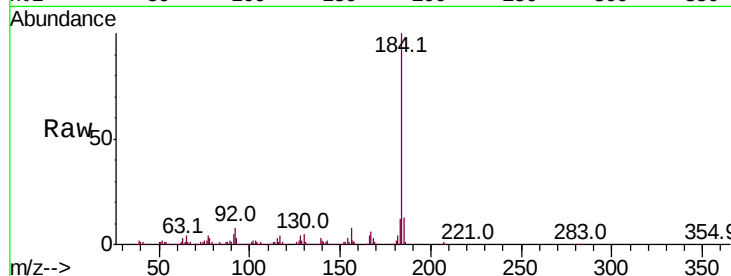
Tot Ion:184 Resp: 655866

Ion Ratio Lower Upper

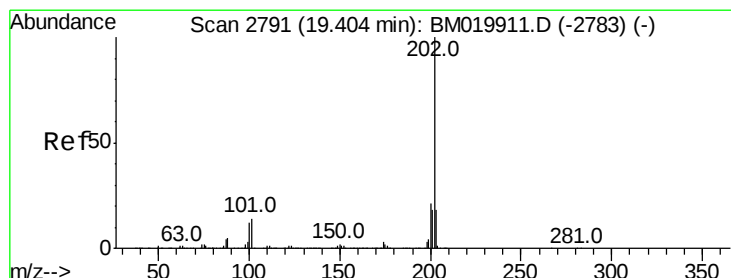
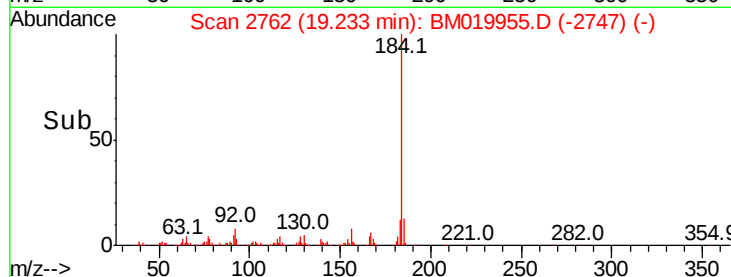
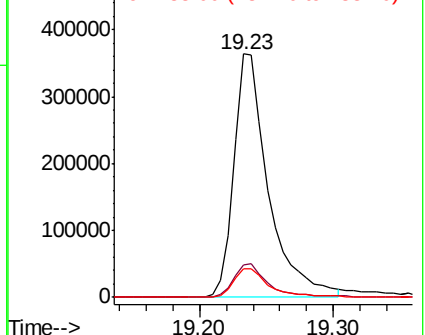
184 100

185 13.4 11.0 16.6

183 11.8 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: 39.172 ng

RT: 19.39 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

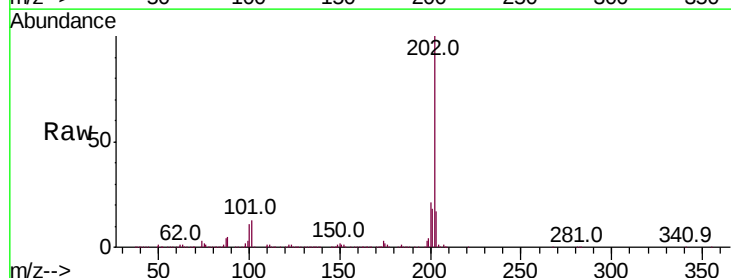
Tgt Ion:202 Resp: 1110680

Ion Ratio Lower Upper

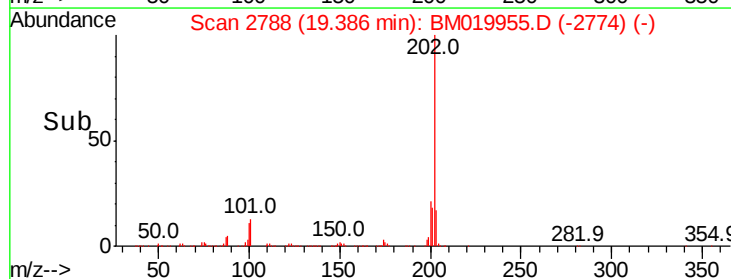
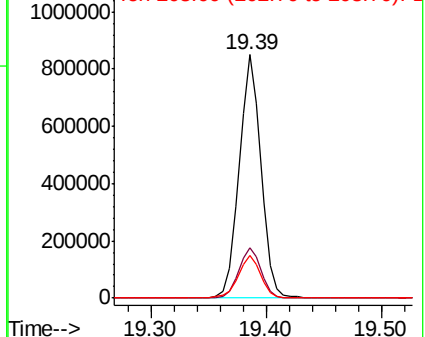
202 100

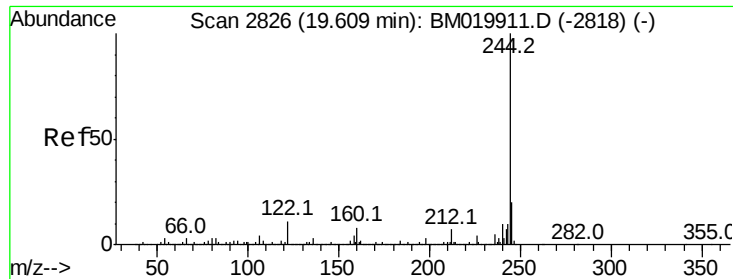
200 20.9 17.0 25.4

203 17.3 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: 79.701 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

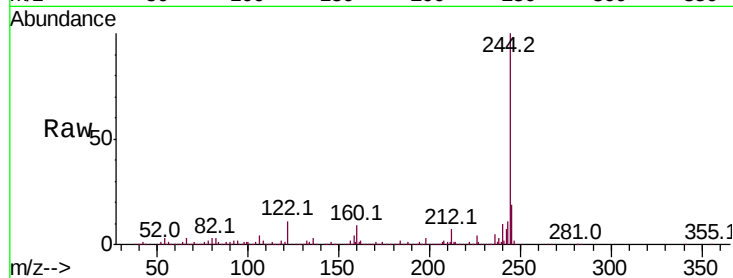
Tot Ion:244 Resp: 1934708

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

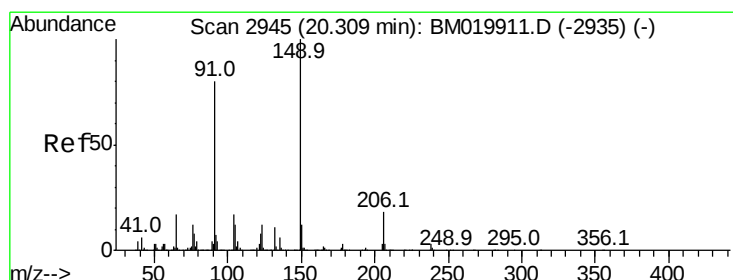
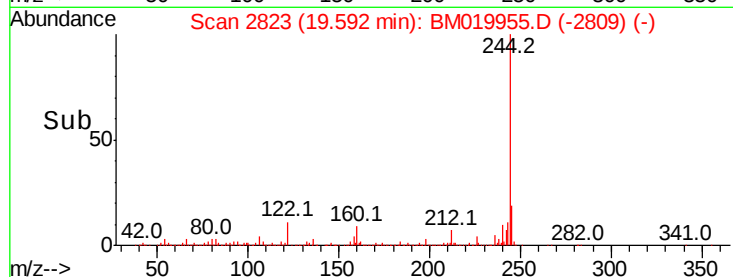
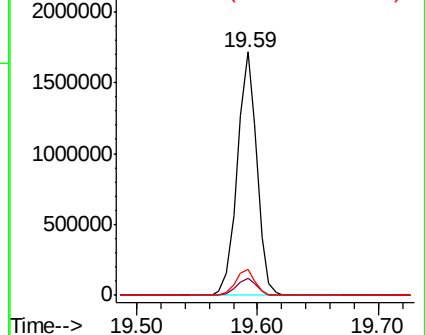
122 10.7 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.906 ng

RT: 20.29 min Scan# 2942

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

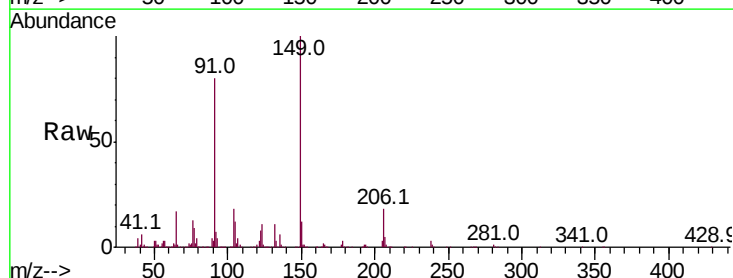
Tgt Ion:149 Resp: 534821

Ion Ratio Lower Upper

149 100

91 80.1 63.7 95.5

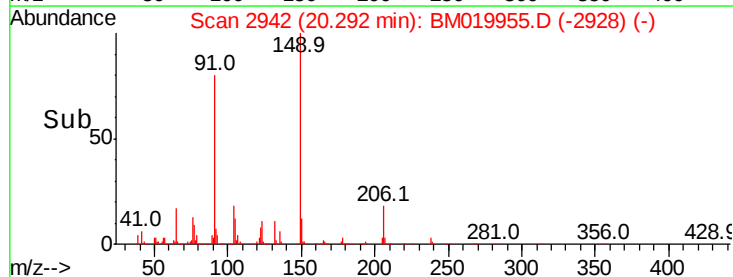
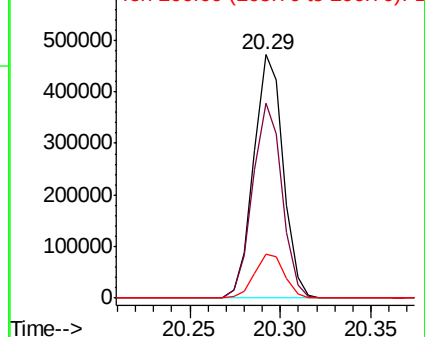
206 18.1 14.6 21.8

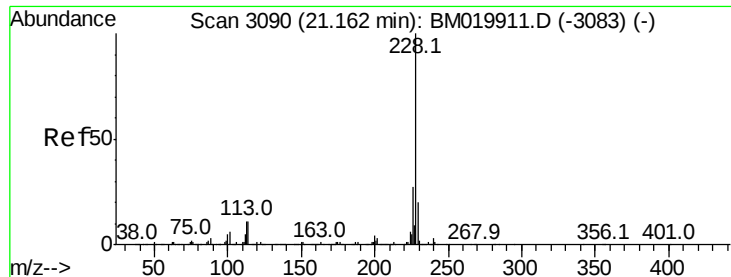


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.001 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

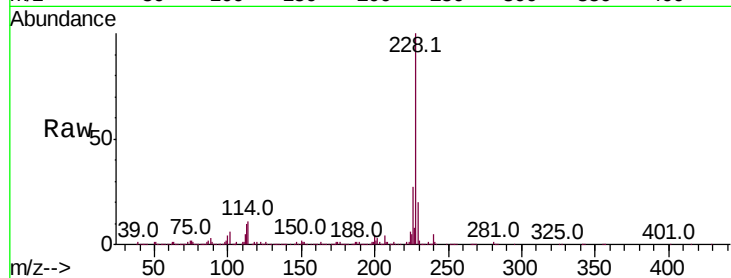
Tot Ion:228 Resp: 1112048

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	19.6	15.9	23.9

228 100

226 27.3 21.8 32.6

229 19.6 15.9 23.9

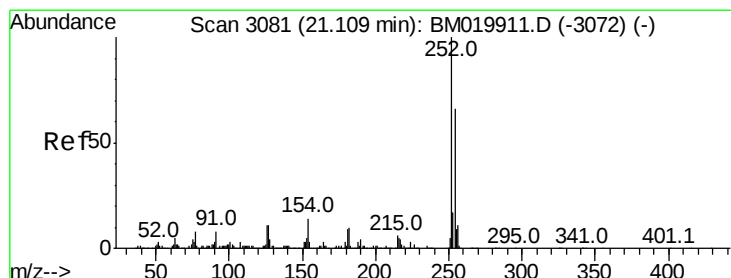
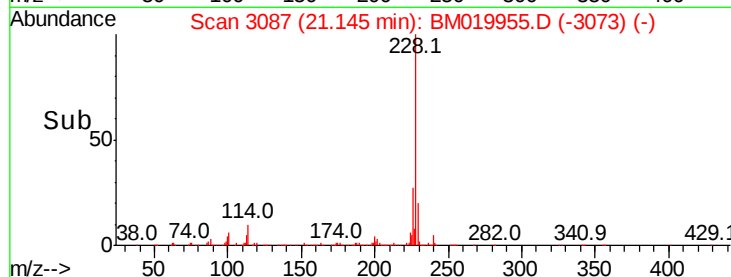
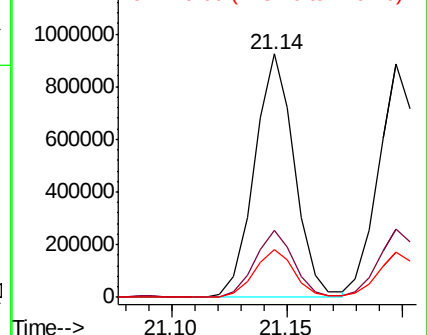


Abundance

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: 43.642 ng

RT: 21.09 min Scan# 3078

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

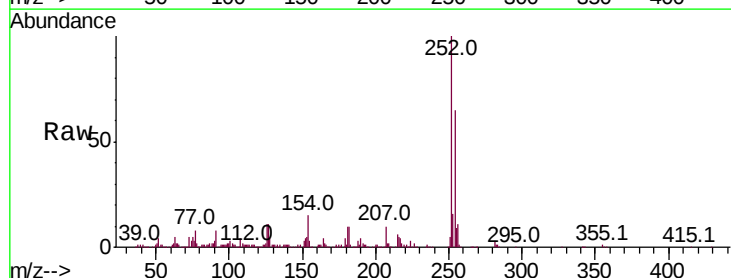
Tgt Ion:252 Resp: 440400

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	11.4	8.6	12.8

252 100

254 64.6 52.6 78.8

126 11.4 8.6 12.8

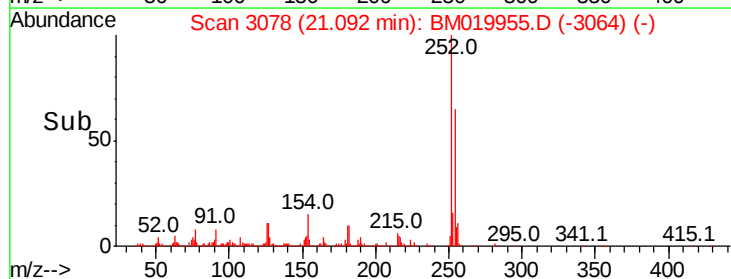
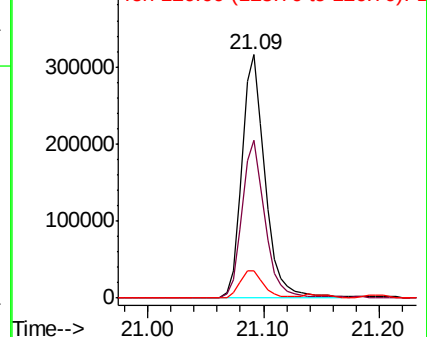


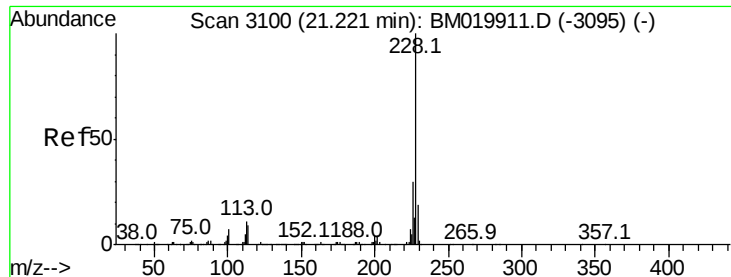
Abundance

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: 40.174 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

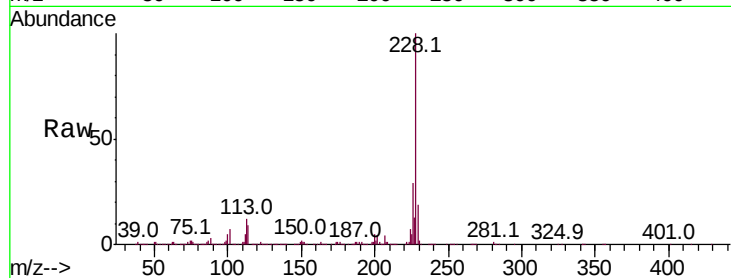
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1044965

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	19.3	15.6	23.4

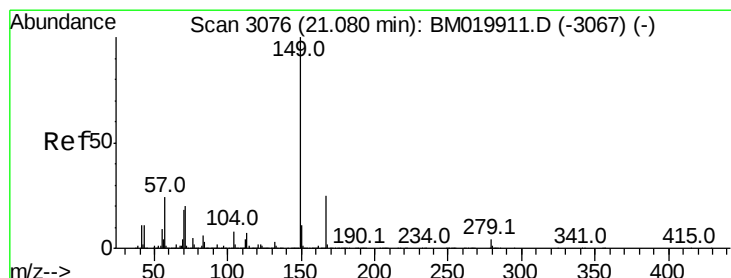
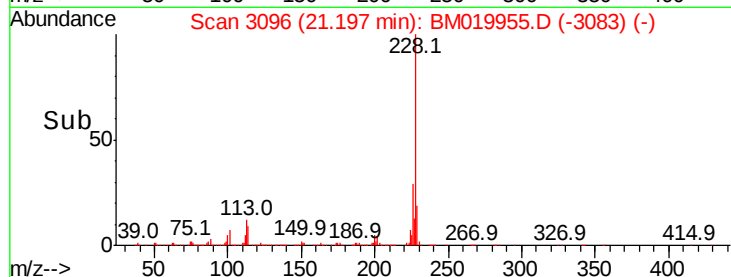
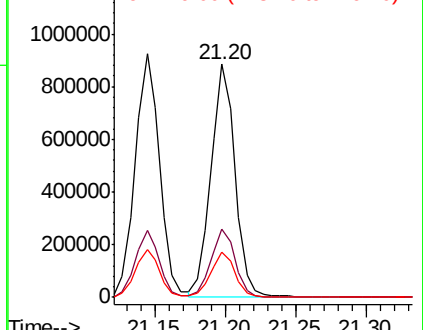


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.440 ng

RT: 21.06 min Scan# 3073

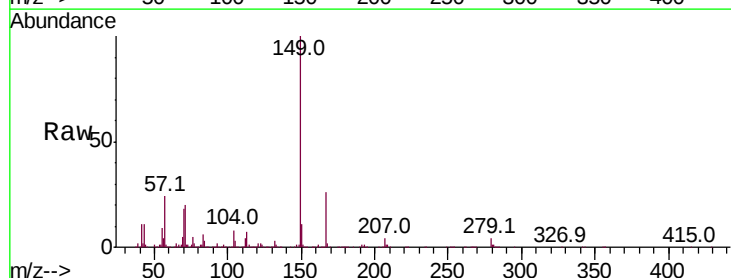
Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Tgt Ion:149 Resp: 786679

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.3	30.5
279	4.3	3.4	5.2

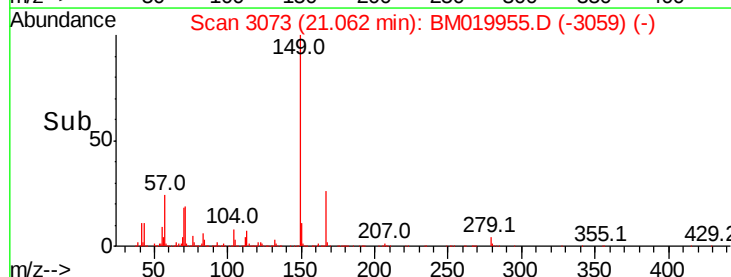
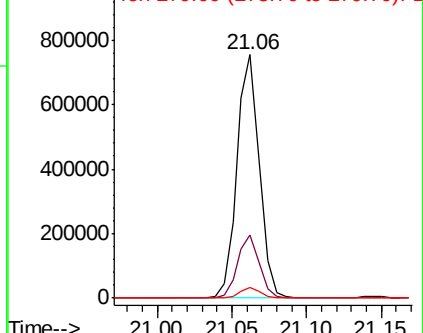


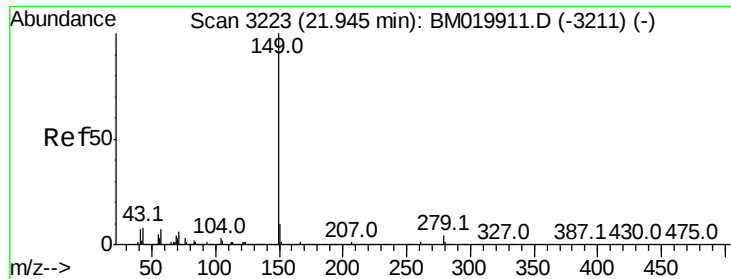
Abundance

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: 41.697 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

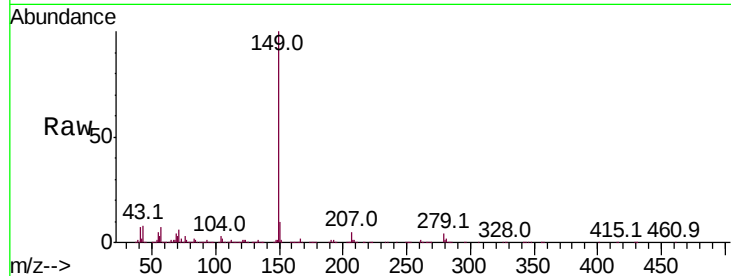
Tot Ion:149 Resp: 1384639

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

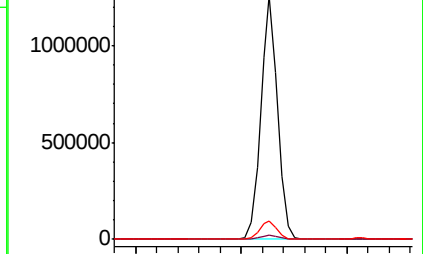
43 7.8 6.0 9.0



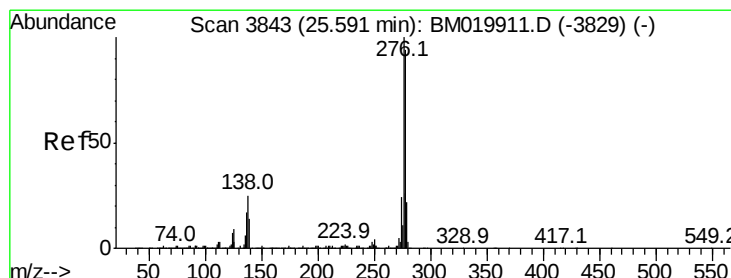
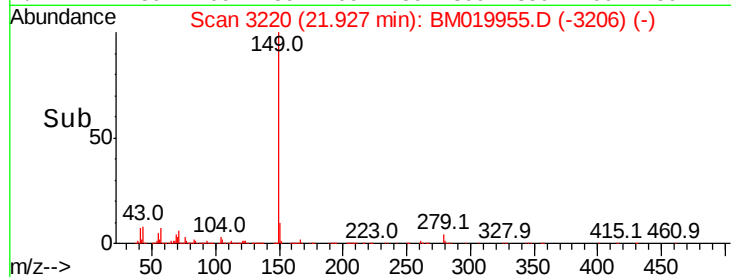
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



Time--> 21.80 21.90 22.00



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.728 ng

RT: 25.54 min Scan# 3835

Delta R.T. -0.05 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

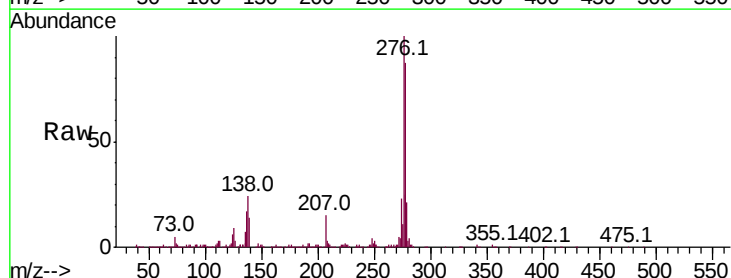
Tgt Ion:276 Resp: 1502716

Ion Ratio Lower Upper

276 100

138 23.6 19.0 28.6

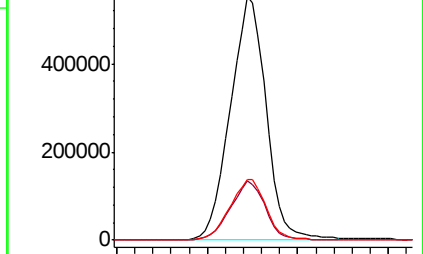
277 25.1 20.3 30.5



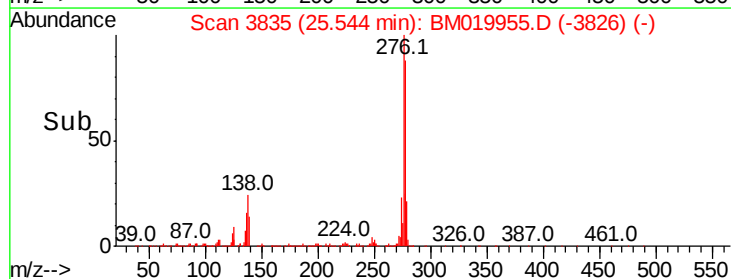
Abundance Ion 276.00 (275.70 to 276.70): E

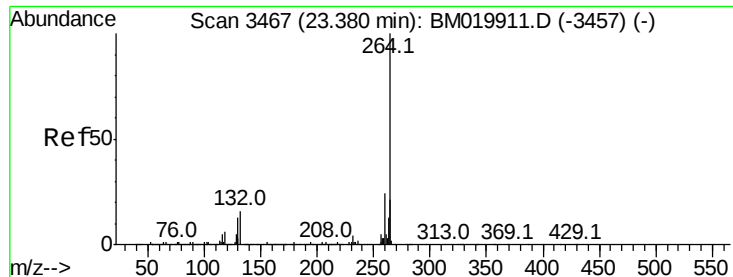
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 25.40 25.50 25.60





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.35 min Scan# 3462

Delta R.T. -0.03 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampled :

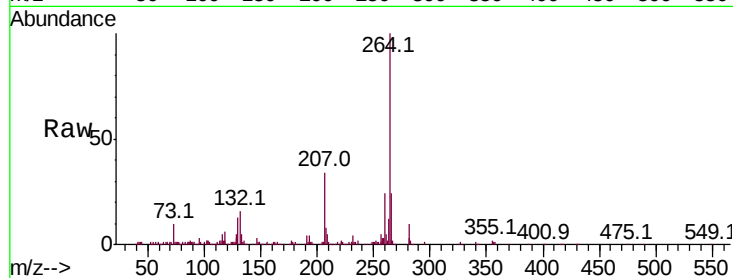
Tot Ion:264 Resp: 421776

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

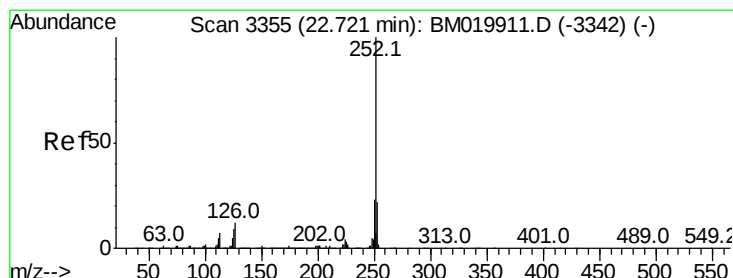
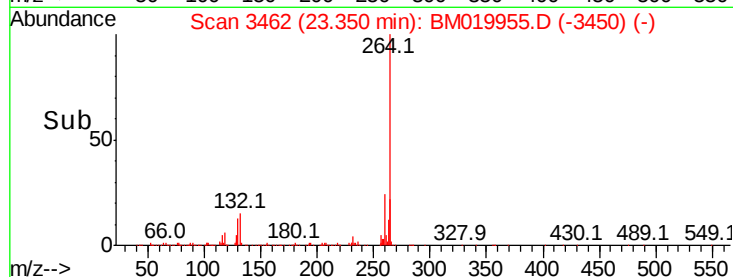
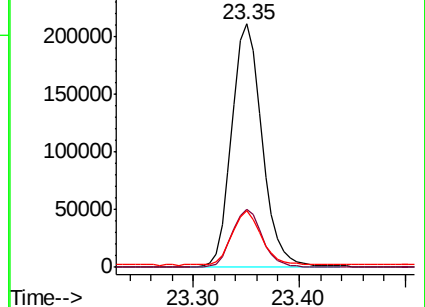
265 23.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.178 ng

RT: 22.69 min Scan# 3350

Delta R.T. -0.03 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

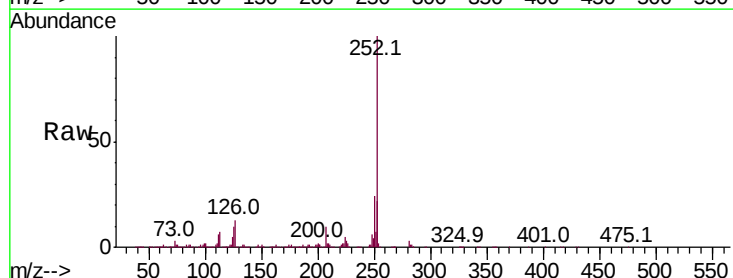
Tgt Ion:252 Resp: 1181257

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

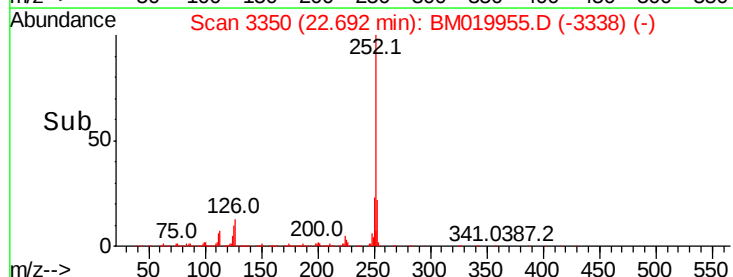
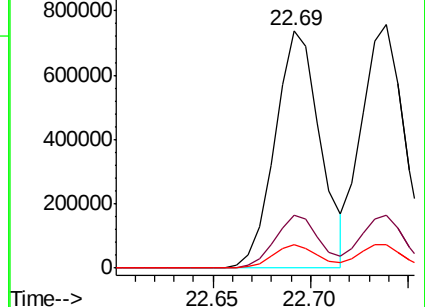
125 10.0 7.6 11.4

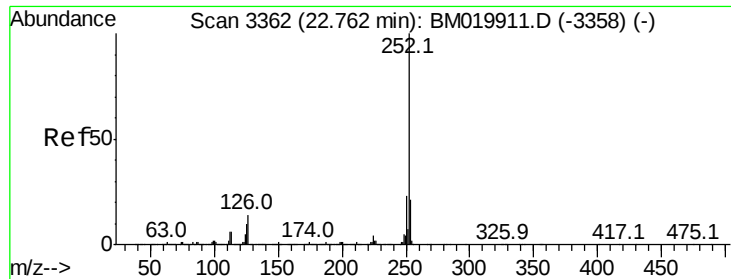


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

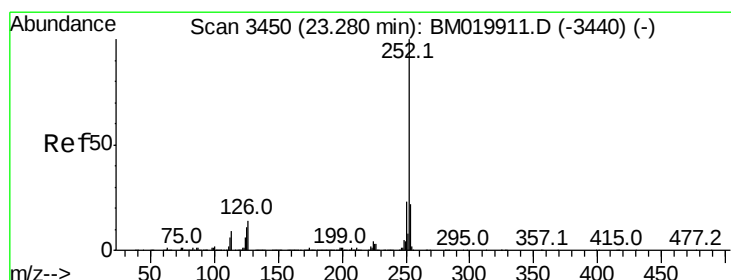
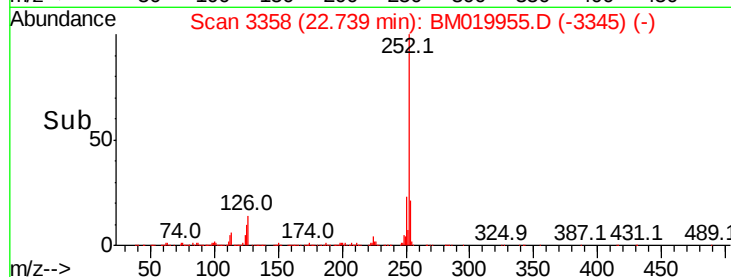
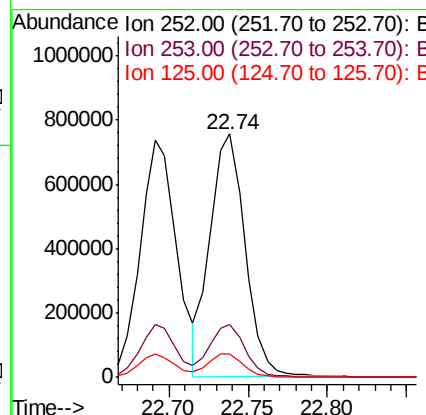
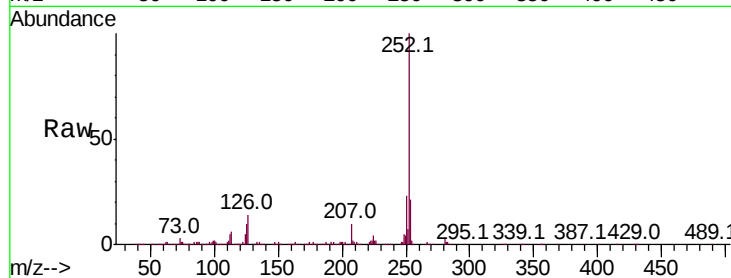




#89
Benzo(k)fluoranthene
Concen: 44.084 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

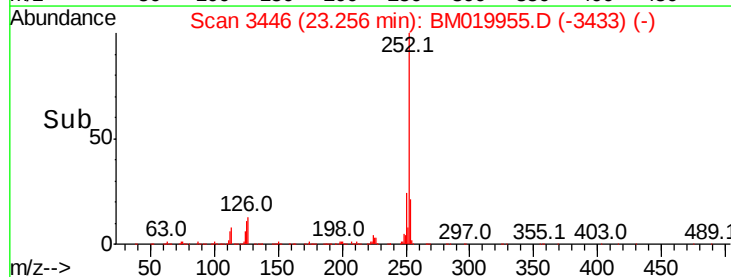
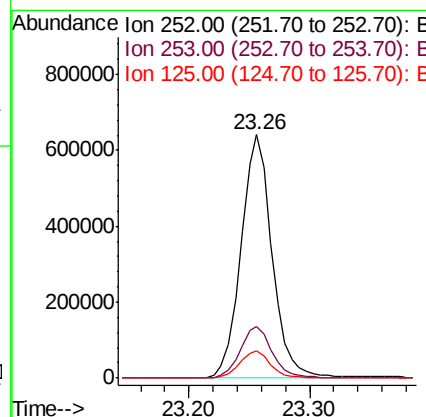
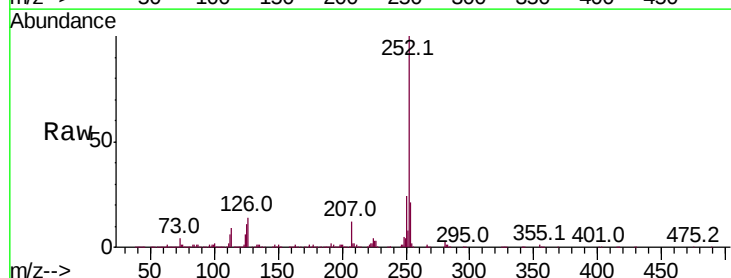
Instrument :
BNA_M
ClientSampleId :

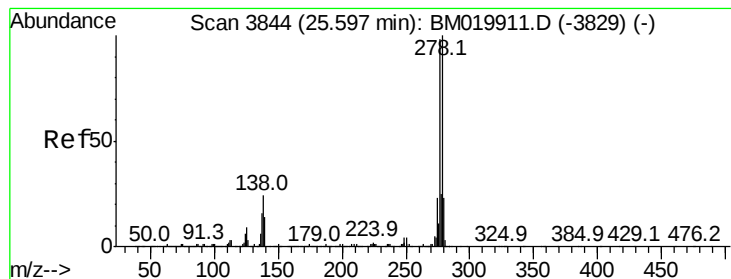
Tot Ion:252 Resp: 1162347
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 46.236 ng
RT: 23.26 min Scan# 3446
Delta R.T. -0.02 min
Lab File: BM019955.D
Acq: 18 Apr 2019 16:03

Tgt Ion:252 Resp: 1147363
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 11.0 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 53.735 ng

RT: 25.55 min Scan# 3836

Delta R.T. -0.05 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

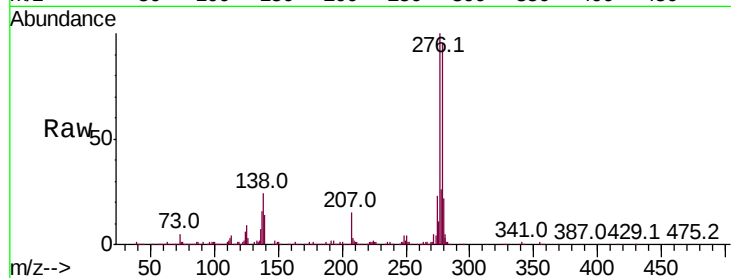
Tot Ion:278 Resp: 1285623

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.6	17.4
279	23.3	18.4	27.6

278 100

139 14.5 11.6 17.4

279 23.3 18.4 27.6

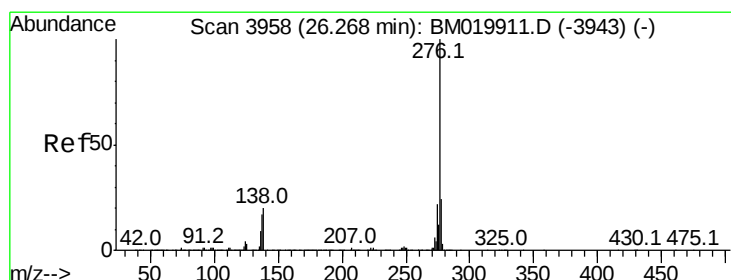
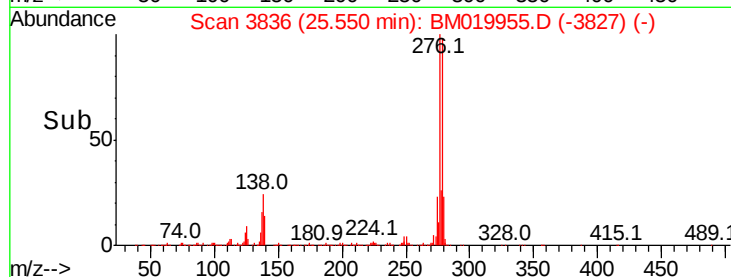
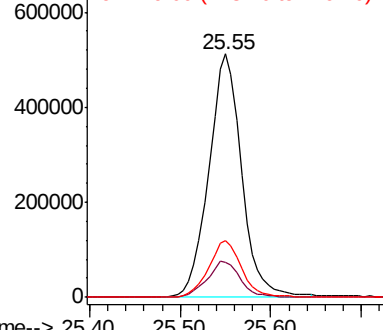


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 57.099 ng

RT: 26.22 min Scan# 3950

Delta R.T. -0.05 min

Lab File: BM019955.D

Acq: 18 Apr 2019 16:03

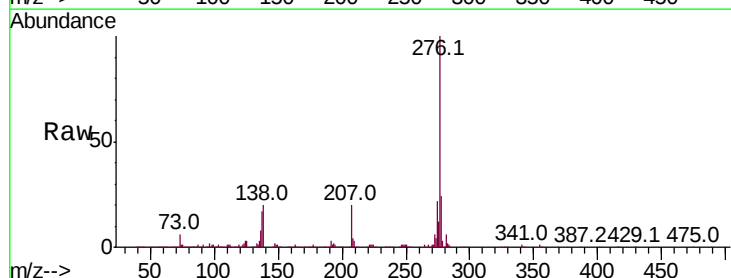
Tgt Ion:276 Resp: 1237343

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.6	16.2	24.4

276 100

277 23.7 18.8 28.2

138 19.6 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

