

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019959.D
 Acq On : 18 Apr 2019 18:30
 Operator : JU/SJ
 Sample : PB119018BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:42:03 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	90227	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	367723	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	195378	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	414797	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	477211	20.00	ng	-0.02
87) Perylene-d12	23.35	264	473873	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	807197	144.99	ng	-0.02
7) Phenol-d6	6.71	99	1054657	125.87	ng	-0.02
23) Nitrobenzene-d5	8.69	82	615379	74.84	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	387419	123.18	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1190589	75.94	ng	-0.02
79) Terphenyl-d14	19.59	244	1803027	66.64	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	141780	59.014	ng	99
3) Pyridine	3.50	79	239996	35.670	ng	100
4) n-Nitrosodimethylamine	3.42	42	90239	41.634	ng	95
6) Aniline	6.86	93	301836	27.891	ng	98
8) 2-Chlorophenol	7.08	128	281614	40.670	ng	98
9) Benzaldehyde	6.69	77	69410	11.560	ng	97
10) Phenol	6.73	94	370761	40.501	ng	95
11) bis(2-Chloroethyl)ether	6.96	93	258138	38.540	ng	99
12) 1,3-Dichlorobenzene	7.39	146	290512	39.964	ng	99
13) 1,4-Dichlorobenzene	7.55	146	296742	40.233	ng	99
14) 1,2-Dichlorobenzene	7.85	146	286627	39.194	ng	96
15) Benzyl Alcohol	7.77	79	277994	36.496	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.04	45	238443	37.345	ng	98
17) 2-Methylphenol	7.97	107	232749	38.415	ng	99
18) Hexachloroethane	8.56	117	115095	40.145	ng	98
19) n-Nitroso-di-n-propylamine	8.33	70	242801	32.966	ng	99
20) 3+4-Methylphenols	8.30	107	303721	36.492	ng	99
22) Acetophenone	8.35	105	418048	41.739	ng	# 99
24) Nitrobenzene	8.73	77	362235	42.526	ng	98
25) Isophorone	9.24	82	605844	37.851	ng	100
26) 2-Nitrophenol	9.43	139	142855	39.355	ng	99
27) 2,4-Dimethylphenol	9.49	122	240853	46.928	ng	99
28) bis(2-Chloroethoxy)methane	9.72	93	344171	38.399	ng	100
29) 2,4-Dichlorophenol	9.96	162	239806	41.140	ng	99
30) 1,2,4-Trichlorobenzene	10.15	180	263615	42.019	ng	99
31) Naphthalene	10.34	128	815455	41.344	ng	99
32) Benzoic acid	9.67	122	156790	34.076	ng	97
33) 4-Chloroaniline	10.49	127	193088	23.764	ng	99
34) Hexachlorobutadiene	10.59	225	151026	40.816	ng	99
35) Caprolactam	11.31	113	24303	11.015	ng	94
36) 4-Chloro-3-methylphenol	11.62	107	269380	37.193	ng	99
37) 2-Methylnaphthalene	11.96	142	568014	39.557	ng	98
38) 1-Methylnaphthalene	12.19	142	544771	38.423	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	265091	43.982	ng	99

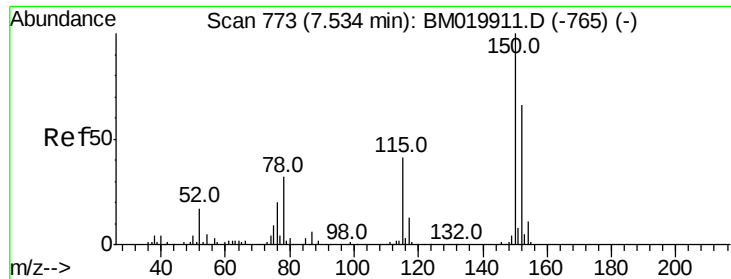
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019959.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	168419	79.082	ng	100
43) 2,4,6-Trichlorophenol	12.60	196	182995	44.782	ng	98
44) 2,4,5-Trichlorophenol	12.69	196	188799	44.392	ng	98
46) 1,1'-Biphenyl	13.00	154	722552	42.698	ng	98
47) 2-Chloronaphthalene	13.04	162	558498	43.268	ng	99
48) 2-Nitroaniline	13.29	65	190825	41.014	ng	98
49) Acenaphthylene	13.90	152	891596	39.699	ng	99
50) Dimethylphthalate	13.65	163	699178	40.571	ng	100
51) 2,6-Dinitrotoluene	13.79	165	152480	40.012	ng	90
52) Acenaphthene	14.24	154	518887	41.669	ng	98
53) 3-Nitroaniline	14.14	138	105496	27.724	ng	98
54) 2,4-Dinitrophenol	14.36	184	161335	71.747	ng	98
55) Dibenzofuran	14.59	168	835177	41.015	ng	98
56) 4-Nitrophenol	14.47	139	206218	69.510	ng	98
57) 2,4-Dinitrotoluene	14.60	165	210286	38.388	ng	96
58) Fluorene	15.24	166	678993	39.352	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.82	232	165296	42.595	ng	99
60) Diethylphthalate	15.02	149	715667	39.929	ng	99
61) 4-Chlorophenyl-phenylether	15.23	204	326811	39.339	ng	94
62) 4-Nitroaniline	15.32	138	130630	34.843	ng	97
63) Azobenzene	15.53	77	785735	41.016	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	101155	38.221	ng	97
66) n-Nitrosodiphenylamine	15.46	169	565264	41.684	ng	99
67) 4-Bromophenyl-phenylether	16.13	248	193510	40.577	ng	97
68) Hexachlorobenzene	16.24	284	235626	41.177	ng	100
69) Atrazine	16.43	200	190183	41.312	ng	98
70) Pentachlorophenol	16.60	266	247183	84.543	ng	97
71) Phenanthrene	16.99	178	1006580	40.893	ng	99
72) Anthracene	17.08	178	1014909	41.420	ng	100
73) Carbazole	17.37	167	928994	40.608	ng	99
74) Di-n-butylphthalate	17.91	149	1203895	40.071	ng	100
75) Fluoranthene	19.02	202	1161460	41.001	ng	99
77) Benzidine	19.24	184	341212	25.914	ng	99
78) Pyrene	19.39	202	1194972	37.813	ng	100
80) Butylbenzylphthalate	20.29	149	590742	38.557	ng	99
81) Benzo(a)anthracene	21.14	228	1182296	39.110	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	404348	35.951	ng	99
83) Chrysene	21.20	228	1165643	40.207	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	853392	37.413	ng	99
85) Di-n-octyl phthalate	21.93	149	1529193	41.317	ng	99
86) Indeno(1,2,3-cd)pyrene	25.55	276	1836686	64.402	ng	100
88) Benzo(b)fluoranthene	22.69	252	1384357	43.996	ng	99
89) Benzo(k)fluoranthene	22.74	252	1384388	46.733	ng	99
90) Benzo(a)pyrene	23.26	252	1361573	48.836	ng	100
91) Dibenzo(a,h)anthracene	25.56	278	1577835	58.698	ng	100
92) Benzo(g,h,i)perylene	26.23	276	1520704	62.460	ng	99

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

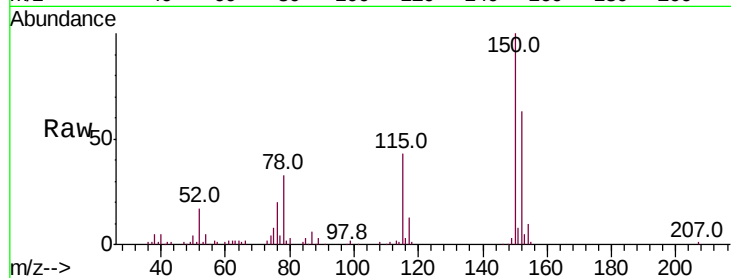


#1

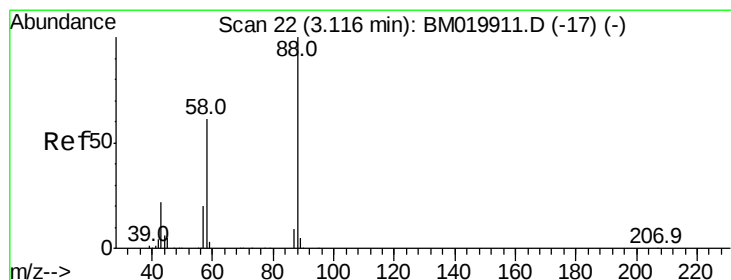
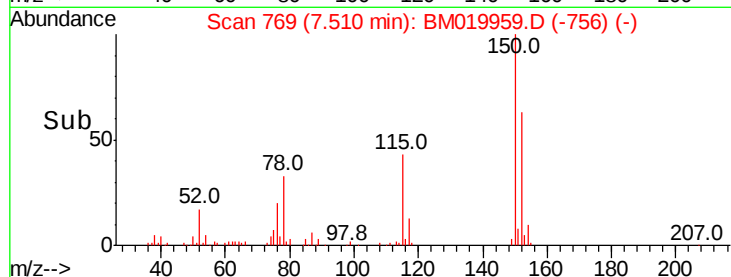
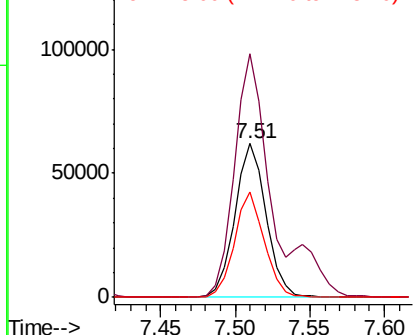
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 90227
Ion Ratio Lower Upper
152 100
150 158.7 122.1 183.1
115 68.6 50.0 75.0



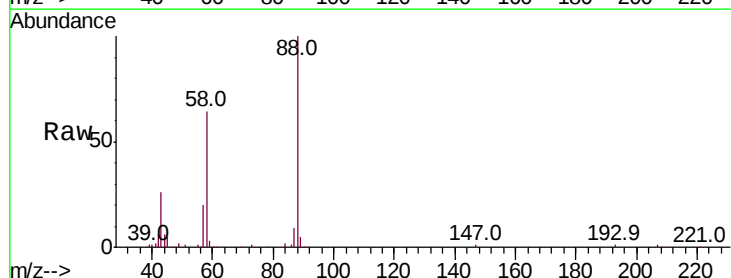
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



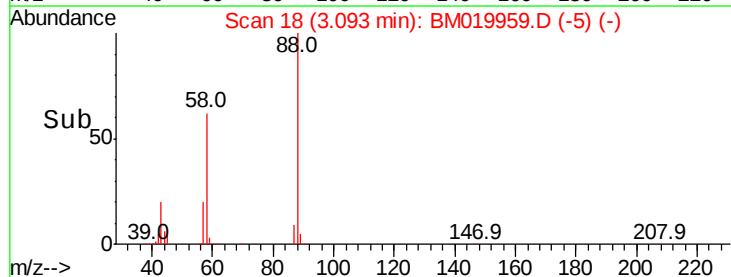
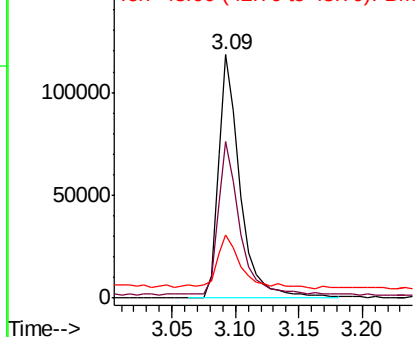
#2

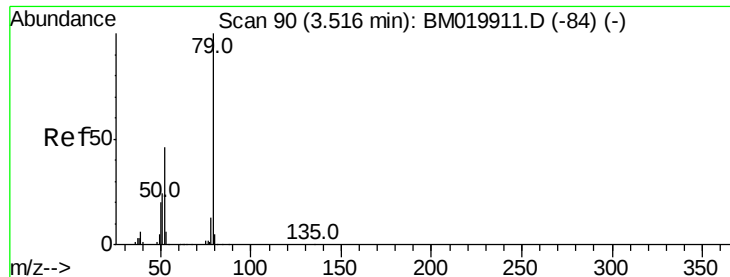
1,4-Dioxane
Concen: 59.014 ng
RT: 3.09 min Scan# 18
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion: 88 Resp: 141780
Ion Ratio Lower Upper
88 100
58 61.2 49.6 74.4
43 24.1 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: 35.670 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

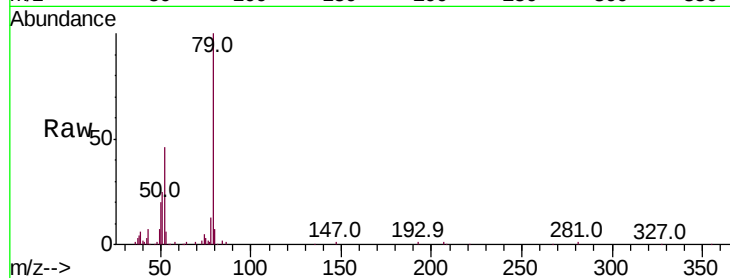
Tot Ion: 79 Resp: 239996

Ion Ratio Lower Upper

79 100

52 46.3 36.9 55.3

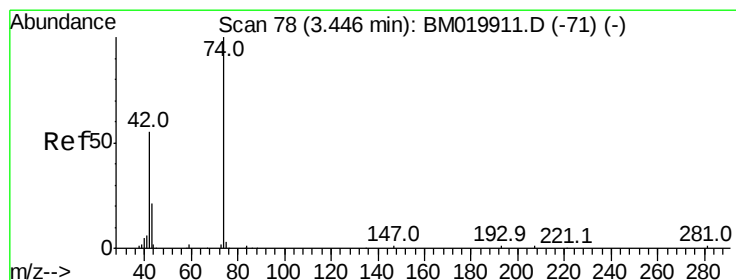
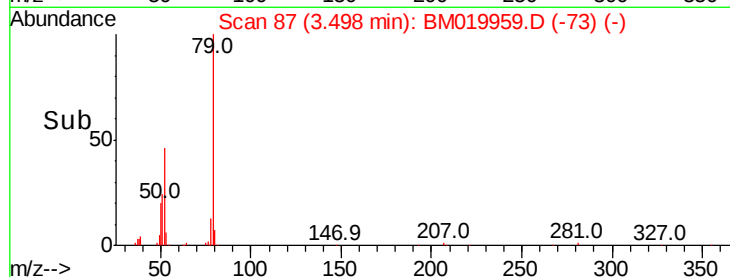
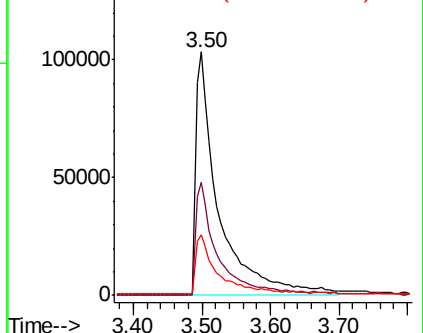
51 25.0 20.0 30.0



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: 41.634 ng

RT: 3.42 min Scan# 74

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

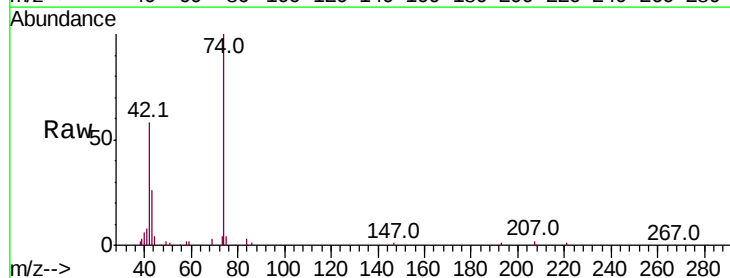
Tgt Ion: 42 Resp: 90239

Ion Ratio Lower Upper

42 100

74 173.6 144.6 217.0

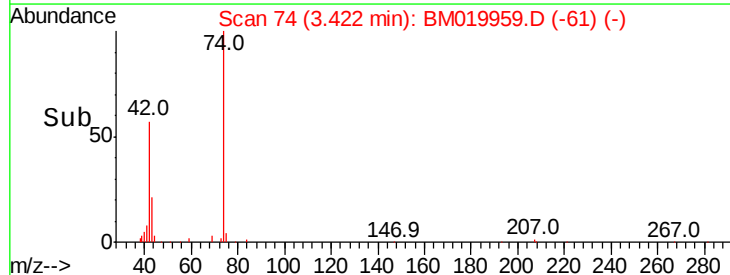
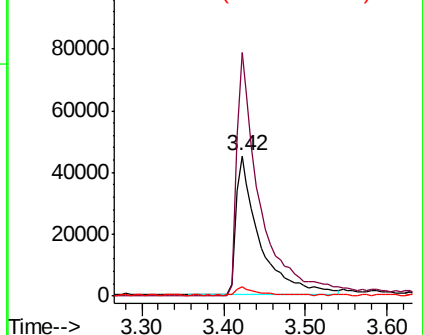
44 6.3 5.4 8.2

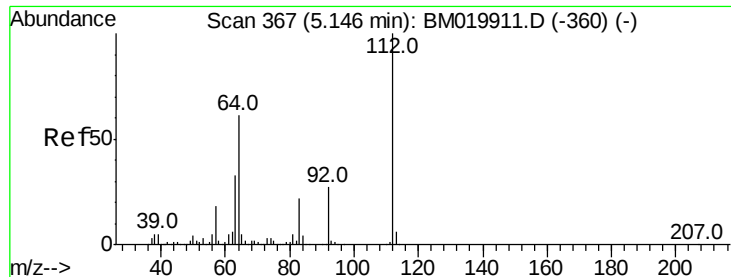


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

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: 144.988 ng

RT: 5.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

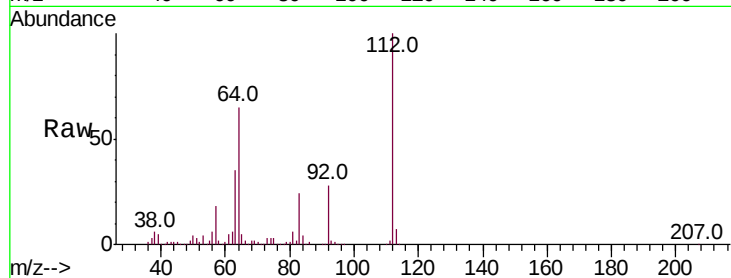
Tot Ion:112 Resp: 807197

Ion Ratio Lower Upper

112 100

64 65.1 49.1 73.7

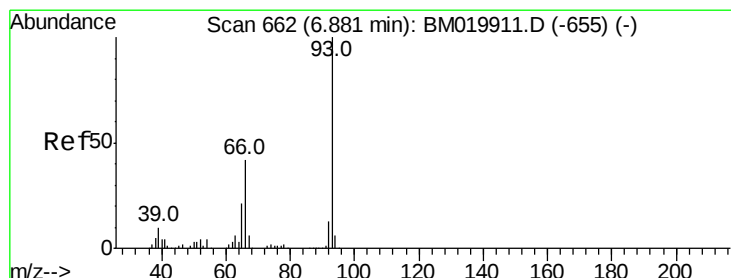
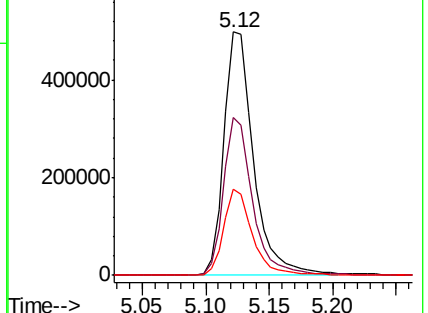
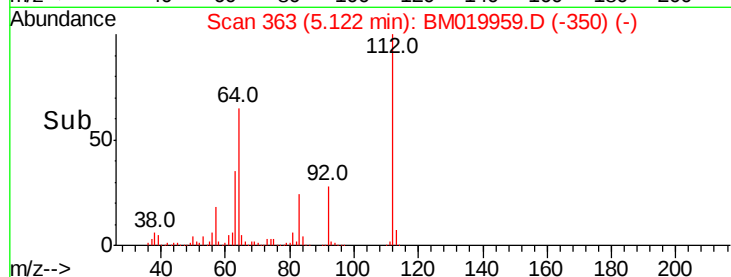
63 35.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 27.891 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

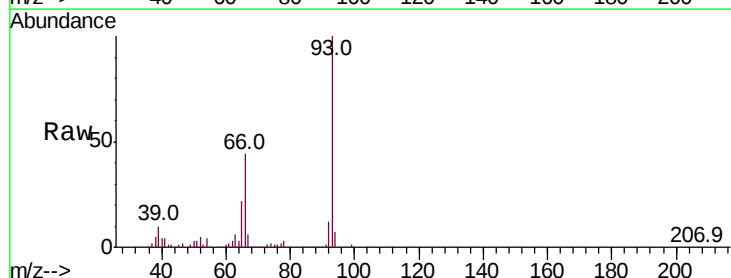
Tgt Ion: 93 Resp: 301836

Ion Ratio Lower Upper

93 100

66 43.9 33.9 50.9

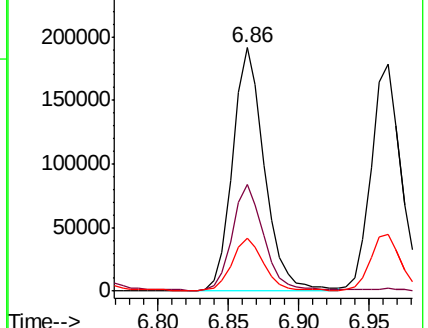
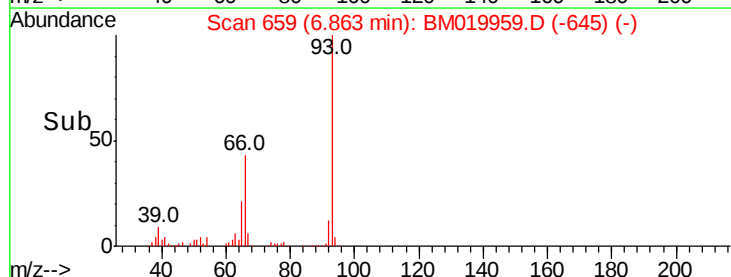
65 21.6 17.0 25.6

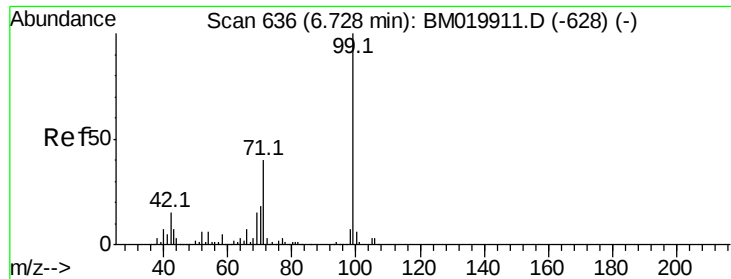


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 125.873 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

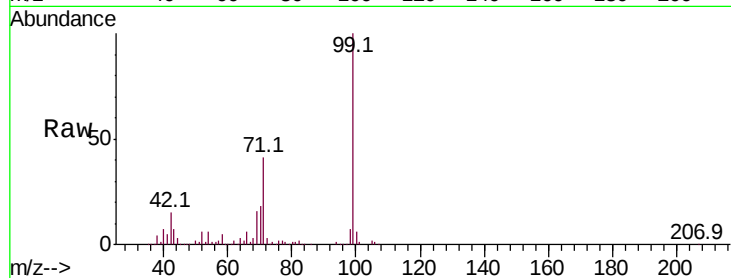
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1054657

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.8	17.8
71	40.6	32.0	48.0

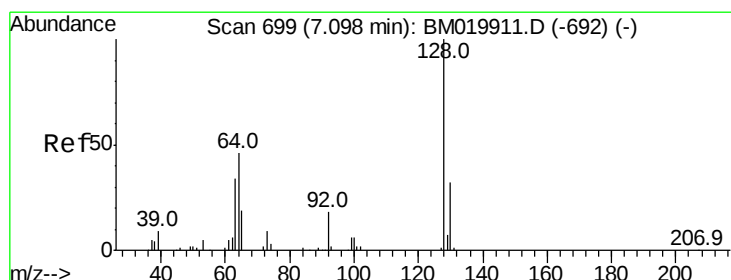
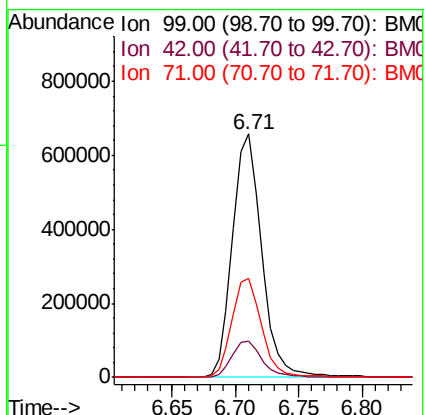
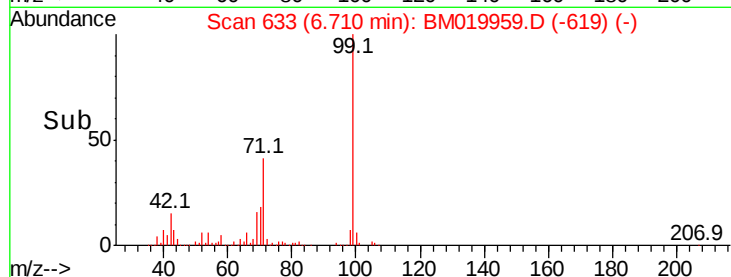


Abundance

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: 40.670 ng

RT: 7.08 min Scan# 696

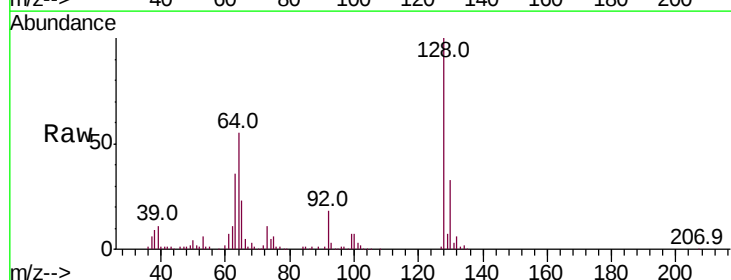
Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Tgt Ion: 128 Resp: 281614

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.0	52.0
64	54.5	33.0	73.0

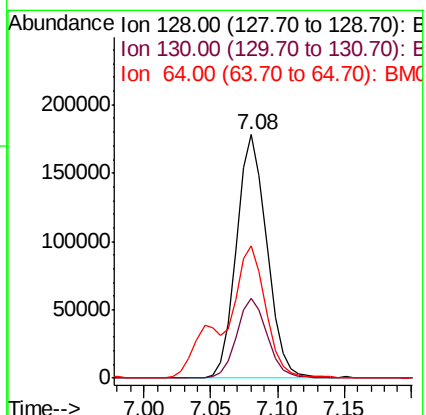
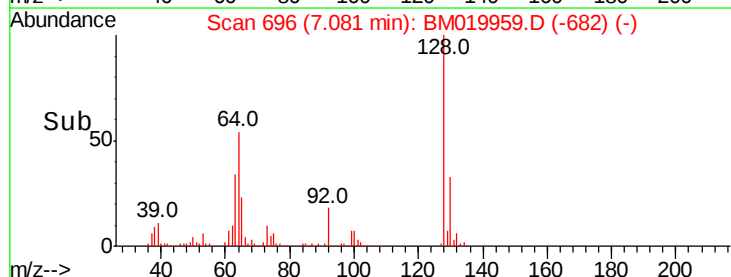


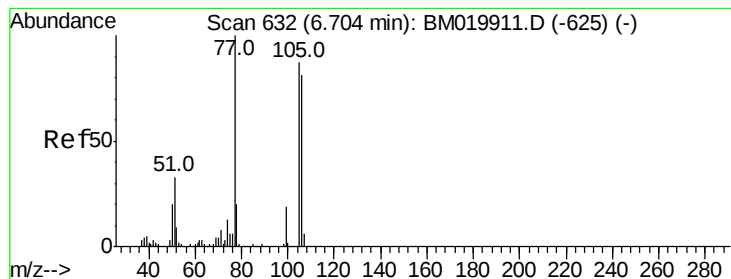
Abundance

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: 11.560 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

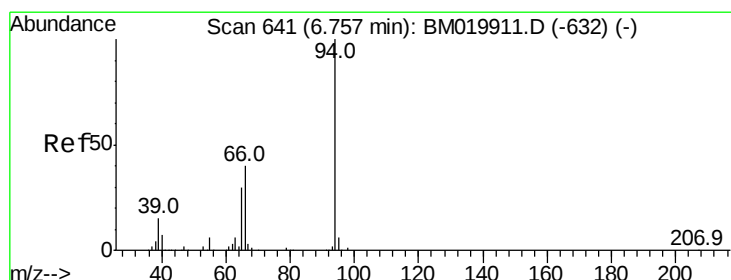
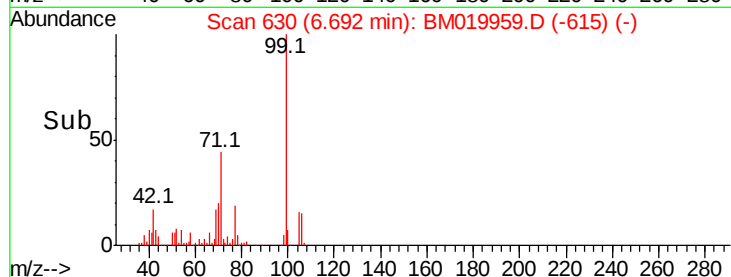
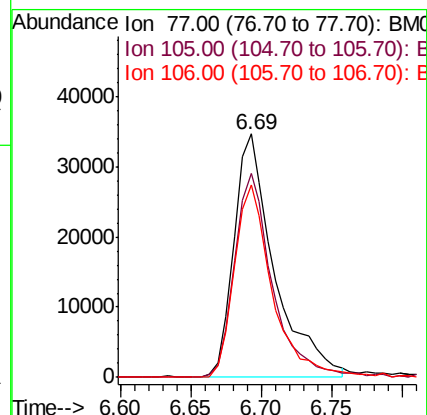
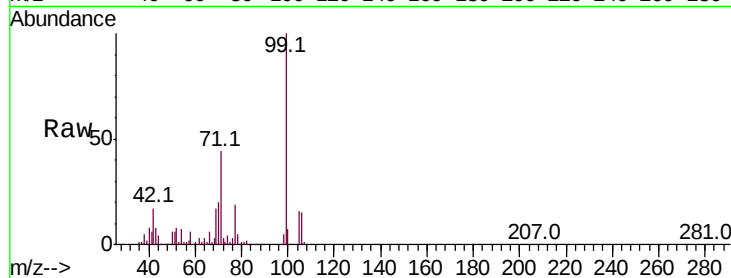
Tot Ion: 77 Resp: 69410

Ion Ratio Lower Upper

77 100

105 83.6 67.3 107.3

106 79.1 60.6 100.6



#10

Phenol

Concen: 40.501 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

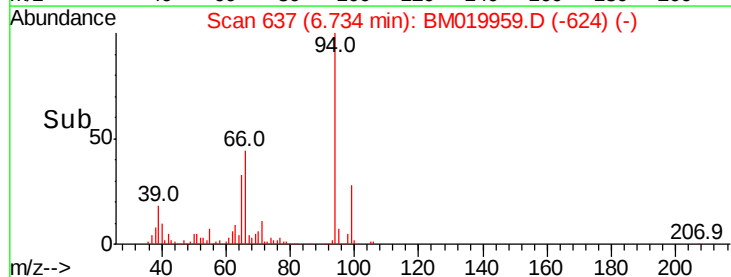
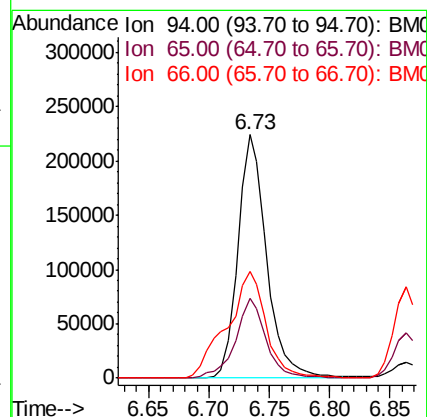
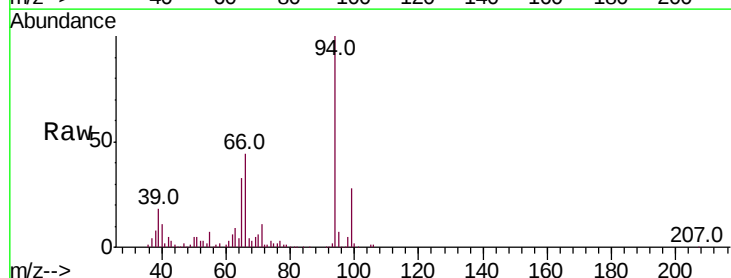
Tgt Ion: 94 Resp: 370761

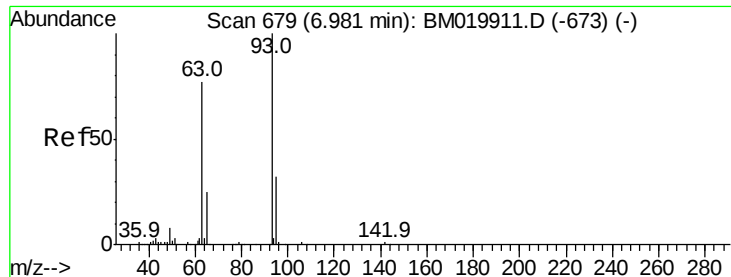
Ion Ratio Lower Upper

94 100

65 32.5 10.0 50.0

66 43.9 20.2 60.2





#11

bis(2-Chloroethyl)ether

Concen: 38.540 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampled :

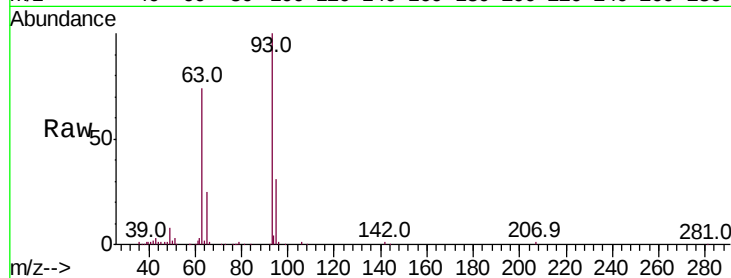
Tot Ion: 93 Resp: 258138

Ion Ratio Lower Upper

93 100

63 74.4 55.8 95.8

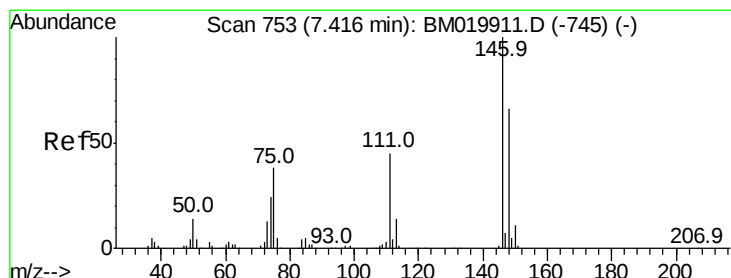
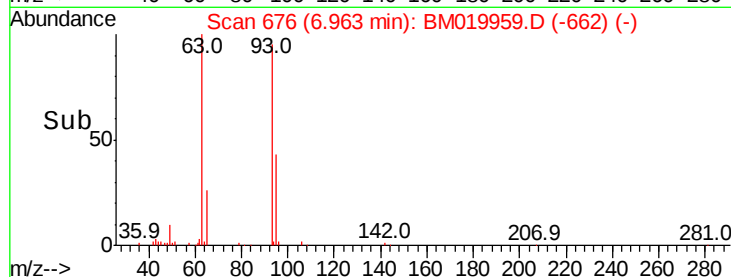
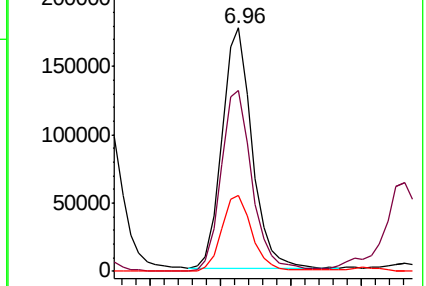
95 31.0 11.6 51.6



Abundance Ion 93.00 (92.70 to 93.70): BM019959.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BM019959.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM019959.D (-673) (-)



#12

1,3-Dichlorobenzene

Concen: 39.964 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

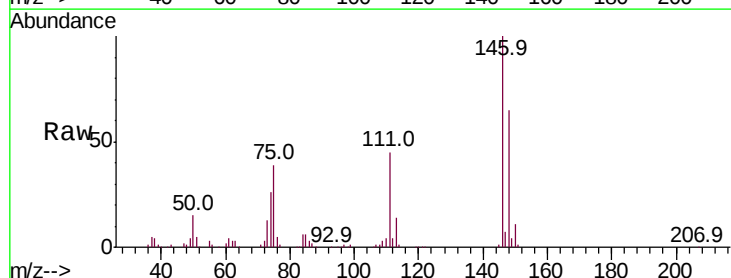
Tgt Ion: 146 Resp: 290512

Ion Ratio Lower Upper

146 100

148 65.1 52.6 78.8

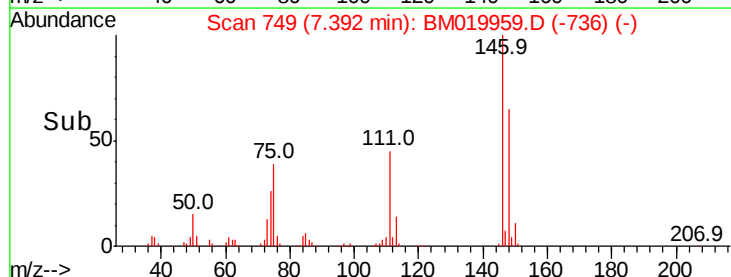
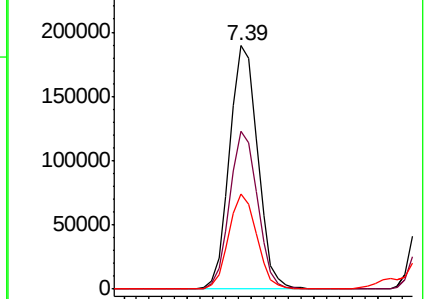
75 39.1 30.0 45.0

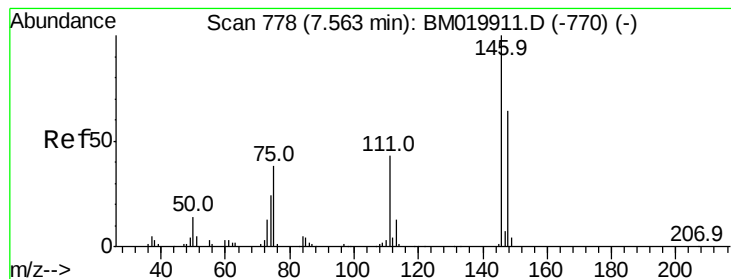


Abundance Ion 146.00 (145.70 to 146.70): BM019959.D (-736) (-)

Ion 148.00 (147.70 to 148.70): BM019959.D (-736) (-)

Ion 75.00 (74.70 to 75.70): BM019959.D (-736) (-)





#13

1,4-Dichlorobenzene

Concen: 40.233 ng

RT: 7.55 min Scan# 775

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampled :

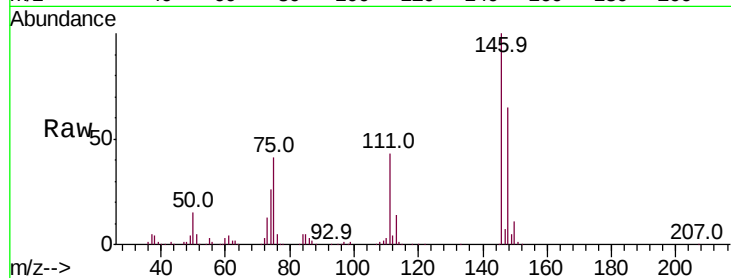
Tot Ion:146 Resp: 296742

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

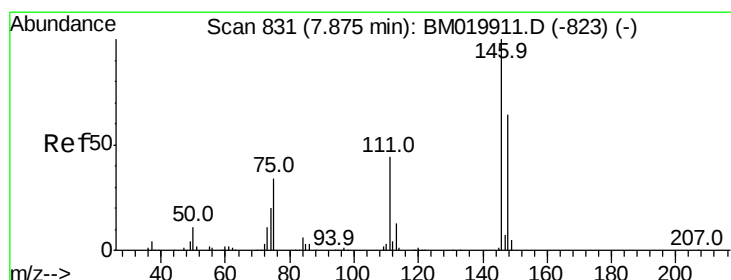
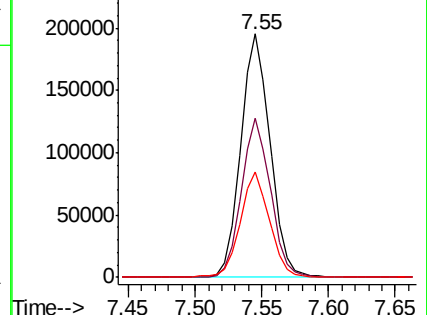
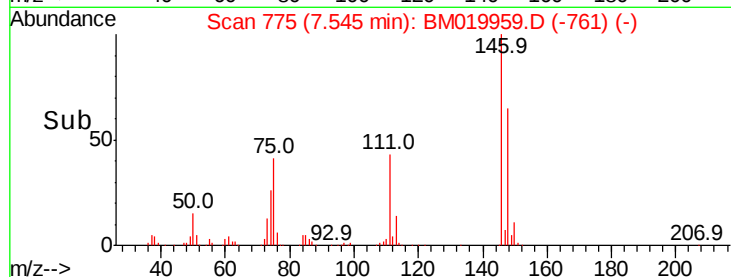
111 43.2 34.6 51.8



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: 39.194 ng

RT: 7.85 min Scan# 827

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

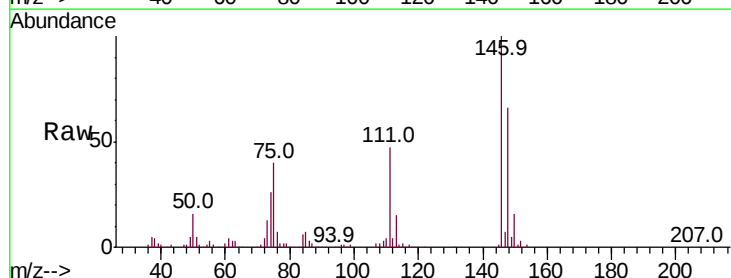
Tgt Ion:146 Resp: 286627

Ion Ratio Lower Upper

146 100

148 66.3 51.4 77.2

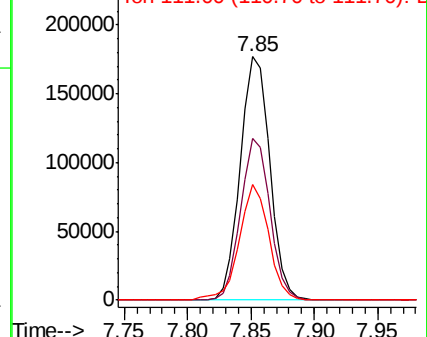
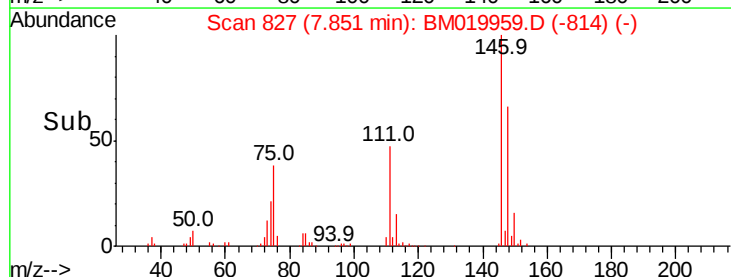
111 47.3 35.4 53.0

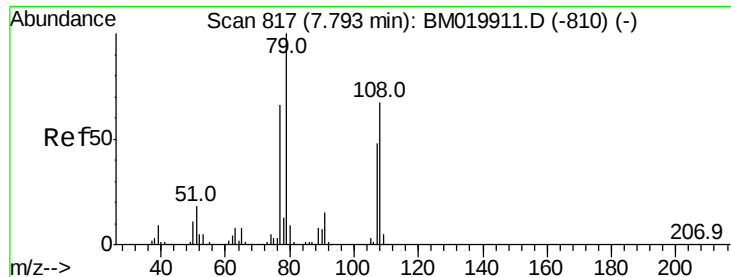


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.496 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

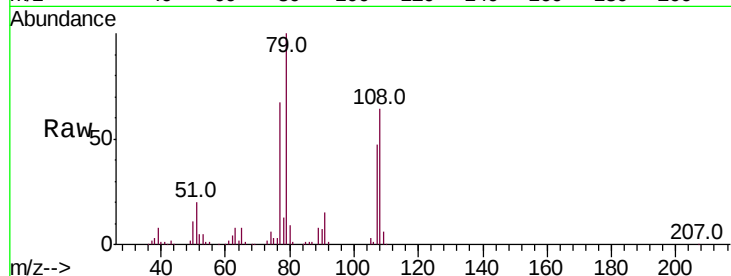
Tot Ion: 79 Resp: 277994

Ion Ratio Lower Upper

79 100

108 64.2 53.9 80.9

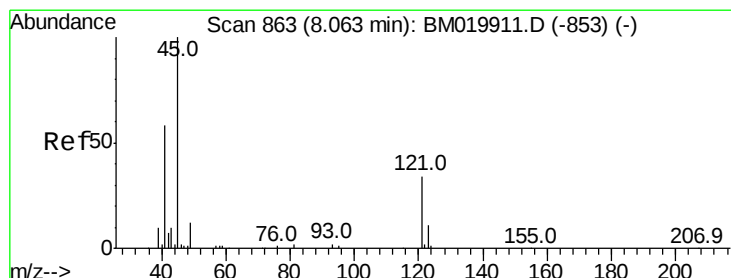
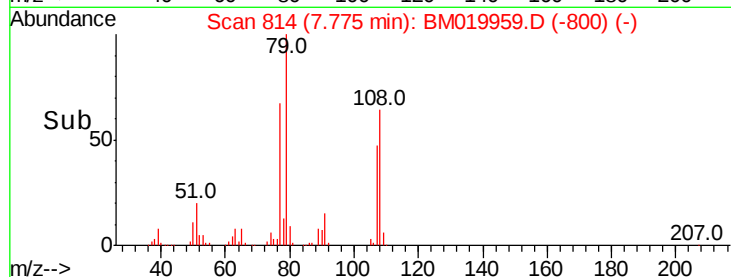
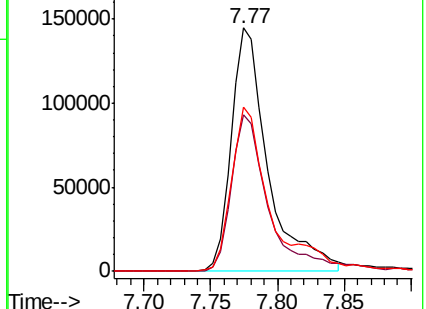
77 67.5 53.1 79.7



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: 37.345 ng

RT: 8.04 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

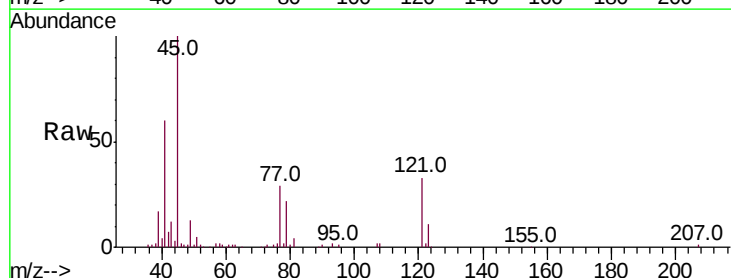
Tgt Ion: 45 Resp: 238443

Ion Ratio Lower Upper

45 100

77 28.8 7.2 47.2

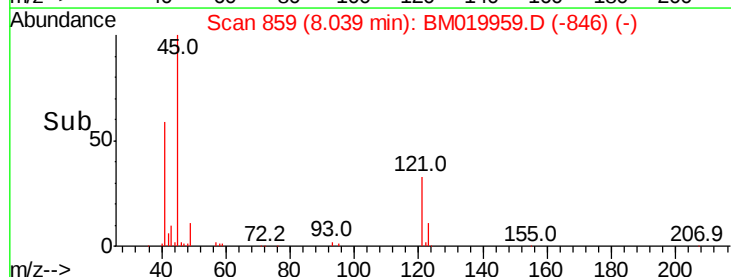
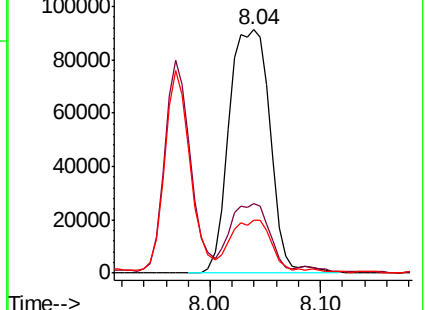
79 21.6 1.2 41.2

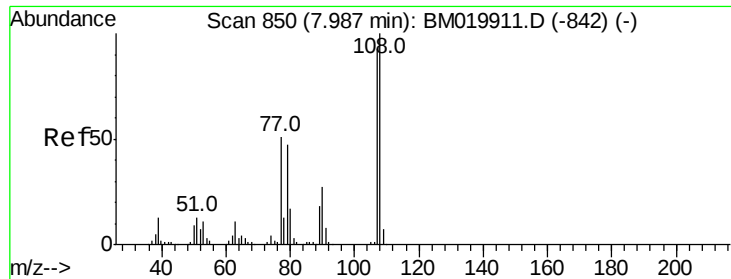


Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

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

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

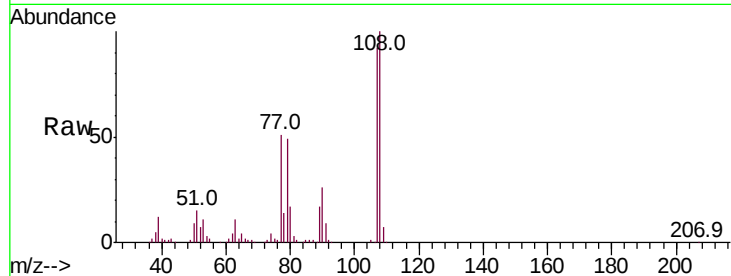




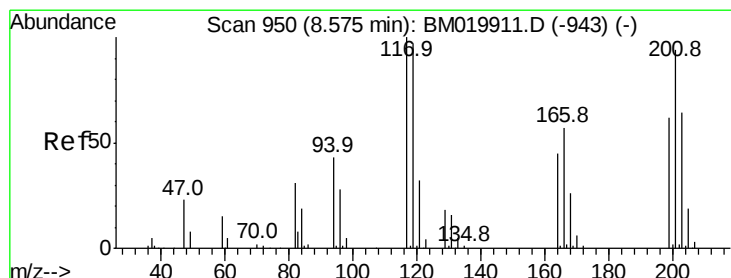
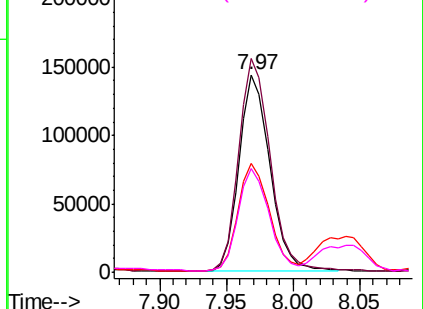
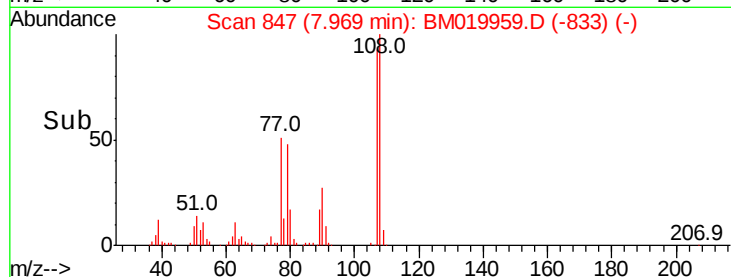
#17
2-Methylphenol
Concen: 38.415 ng
RT: 7.97 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 232749
Ion Ratio Lower Upper
107 100
108 108.2 85.9 128.9
77 55.2 43.8 65.6
79 52.8 41.1 61.7

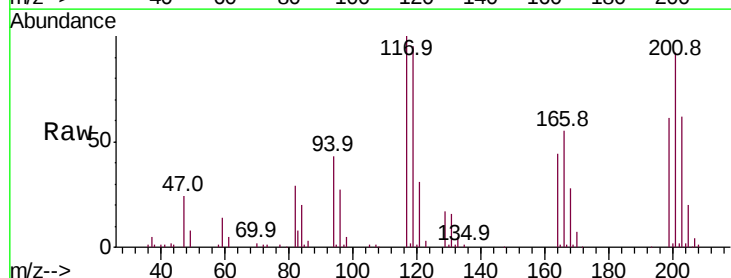


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

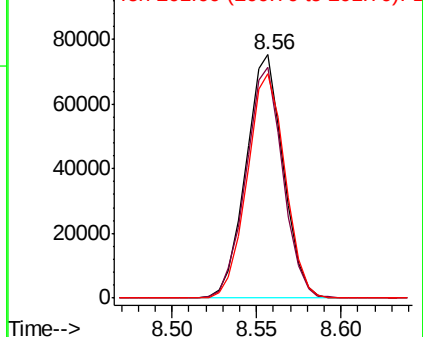
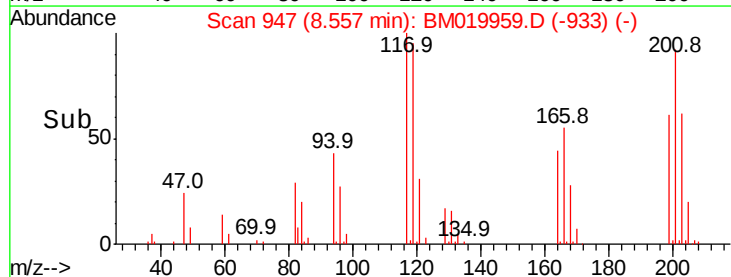


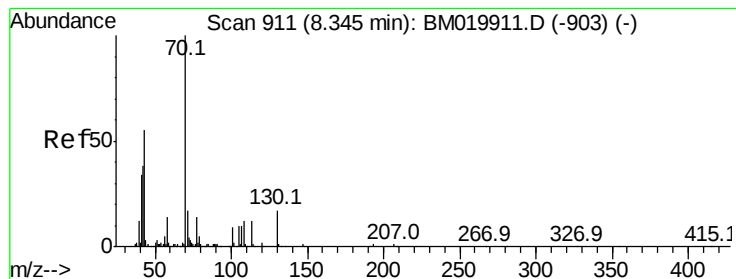
#18
Hexachloroethane
Concen: 40.145 ng
RT: 8.56 min Scan# 947
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:117 Resp: 115095
Ion Ratio Lower Upper
117 100
119 94.8 77.6 116.4
201 92.3 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: 32.966 ng

RT: 8.33 min Scan# 908

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 242801

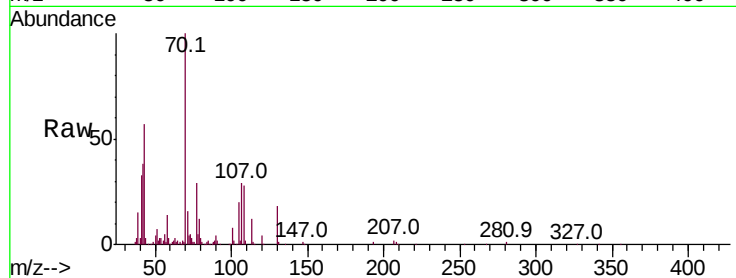
Ion Ratio Lower Upper

70 100

42 38.1 30.3 45.5

101 8.5 6.9 10.3

130 17.8 13.8 20.6

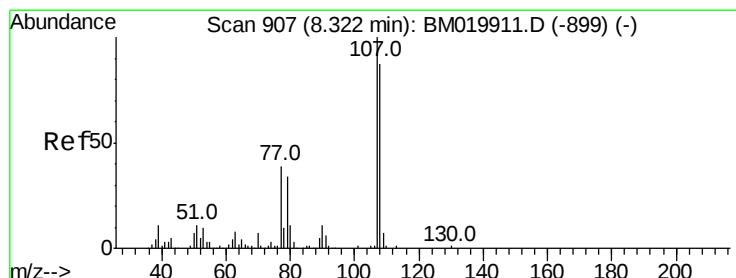
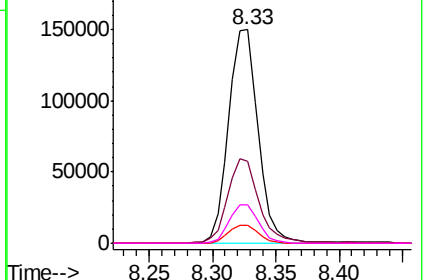
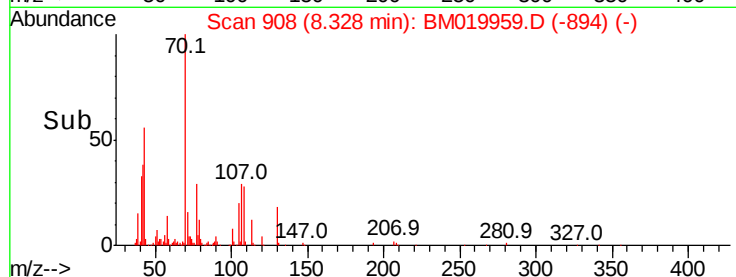


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 36.492 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Tgt Ion:107 Resp: 303721

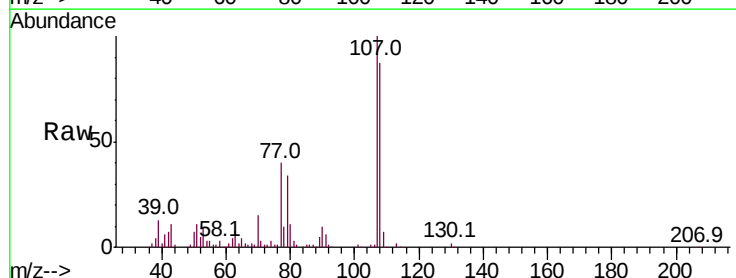
Ion Ratio Lower Upper

107 100

108 86.8 67.4 107.4

77 40.1 19.7 59.7

79 34.0 14.1 54.1

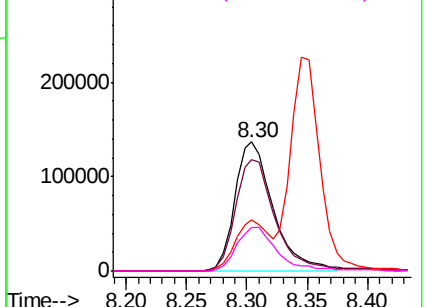
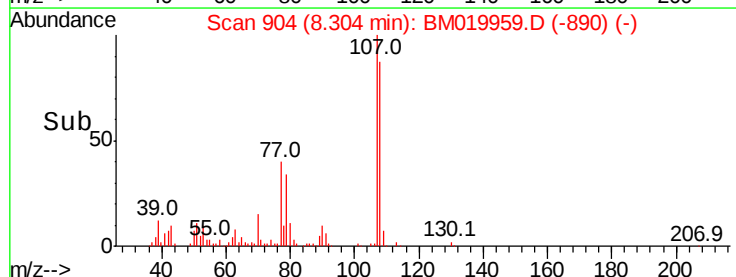


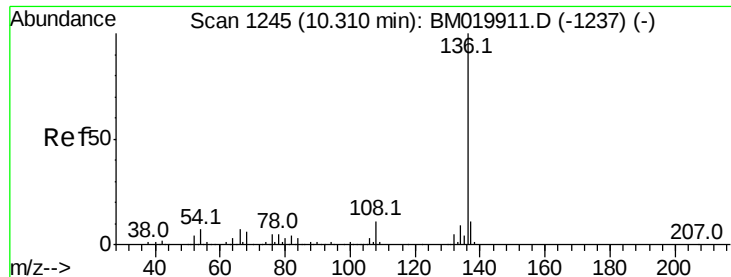
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

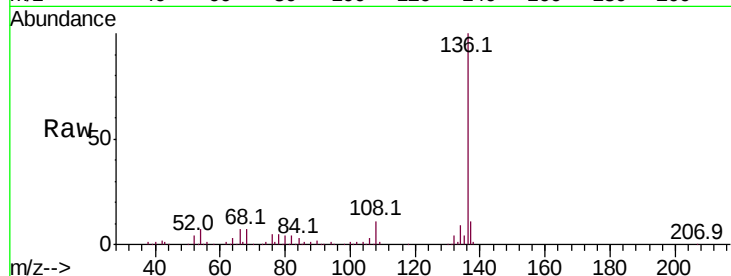




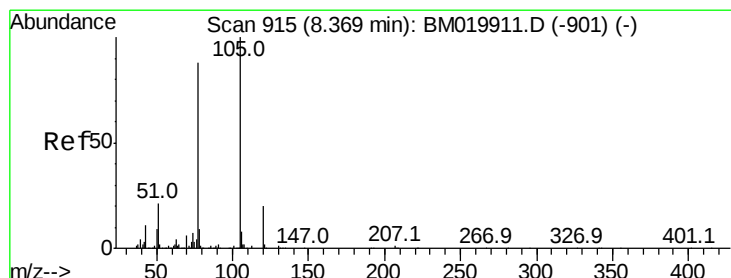
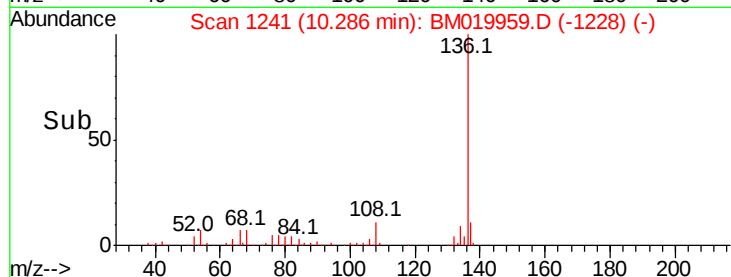
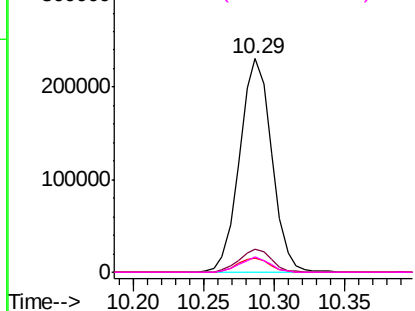
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	367723
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.7	5.3	7.9
68	6.9	5.2	7.8

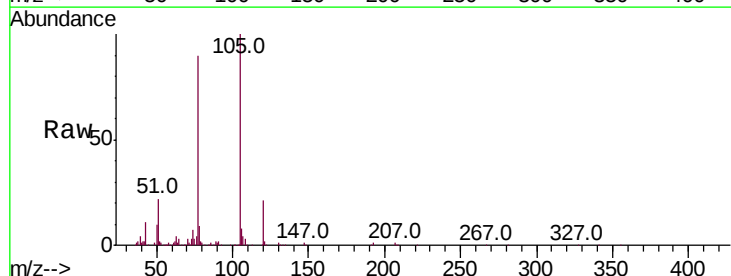


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

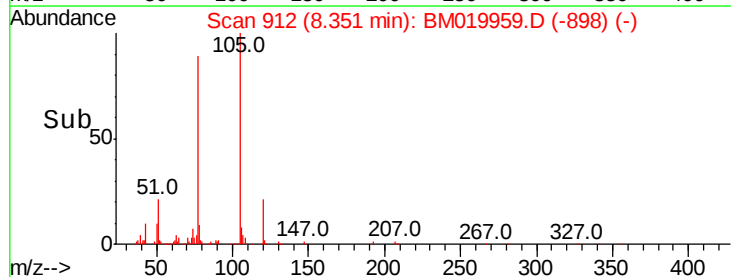
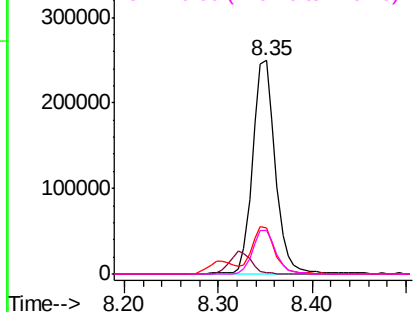


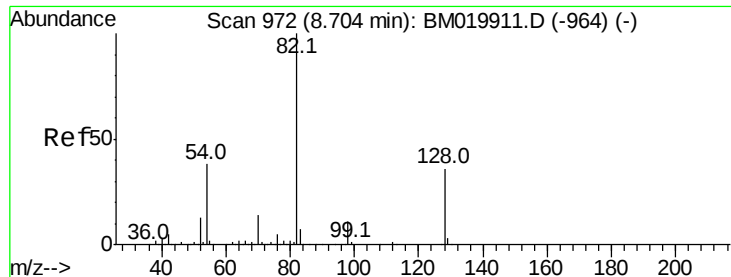
#22
Acetophenone
Concen: 41.739 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:	105	Resp:	418048
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.8	1.2#
51	21.5	16.9	25.3
120	20.6	16.4	24.6



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

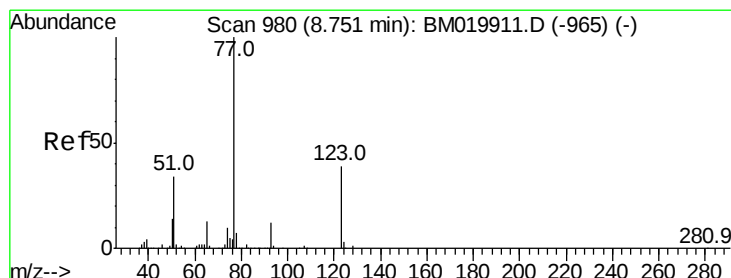
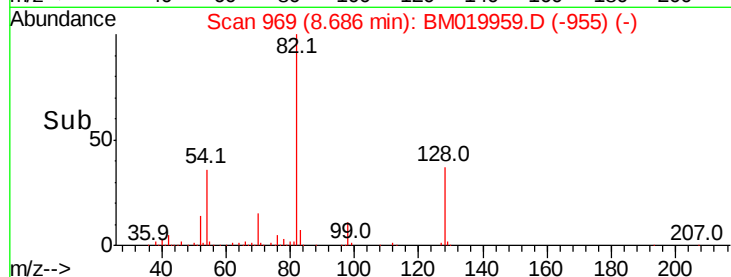
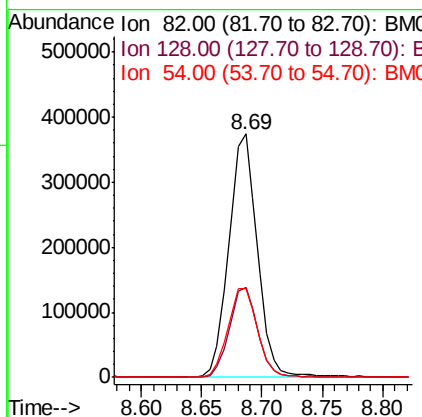
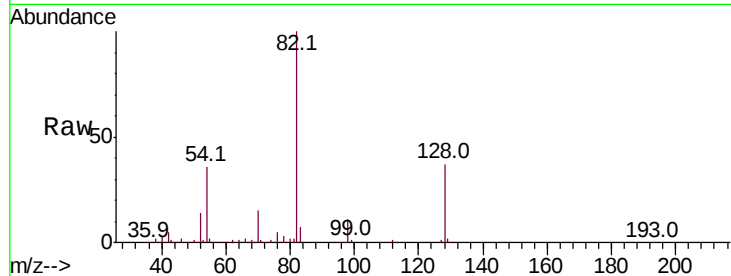




#23
Nitrobenzene-d5
Concen: 74.840 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

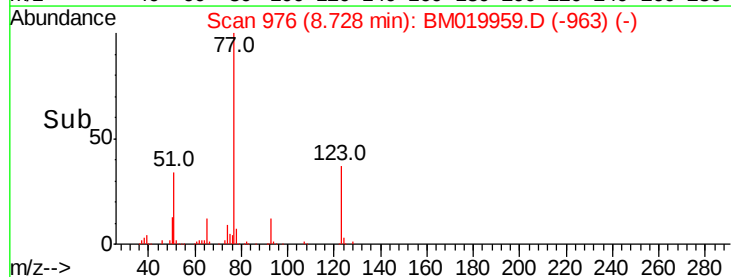
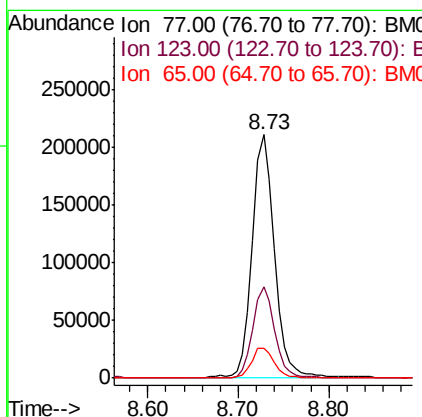
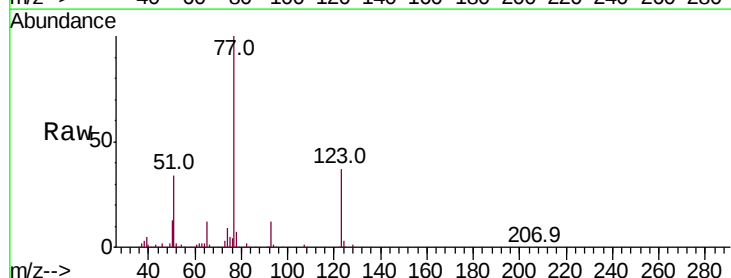
Instrument :
BNA_M
ClientSampled :

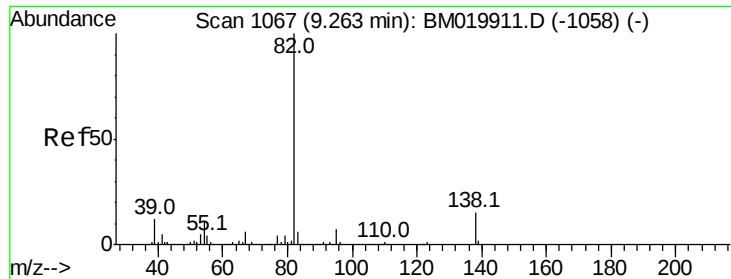
Tot Ion: 82 Resp: 615379
Ion Ratio Lower Upper
82 100
128 36.9 29.0 43.4
54 36.4 30.2 45.4



#24
Nitrobenzene
Concen: 42.526 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion: 77 Resp: 362235
Ion Ratio Lower Upper
77 100
123 37.3 31.0 46.4
65 12.4 10.6 16.0

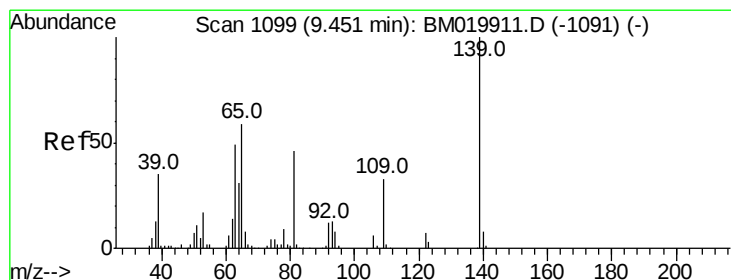
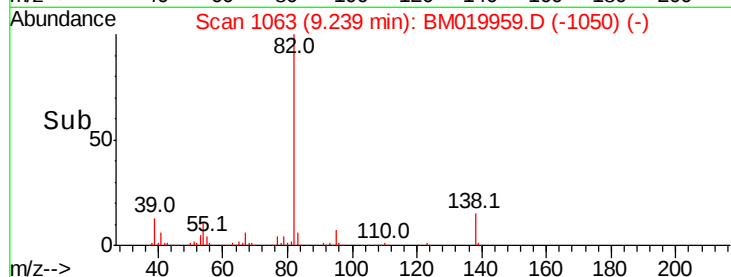
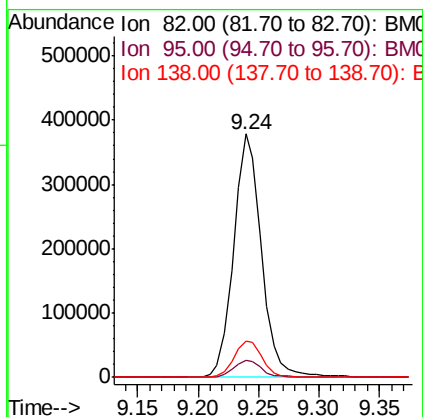
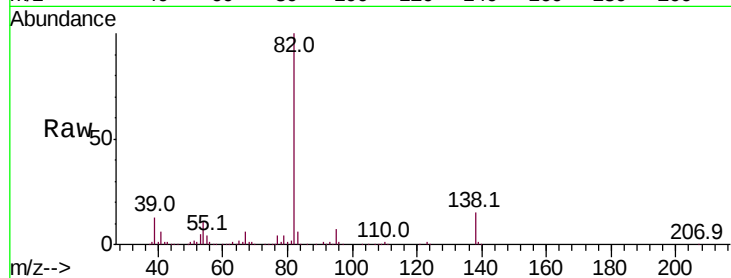




#25
Isophorone
Concen: 37.851 ng
RT: 9.24 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

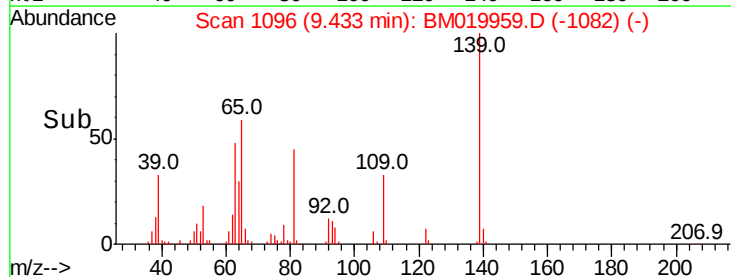
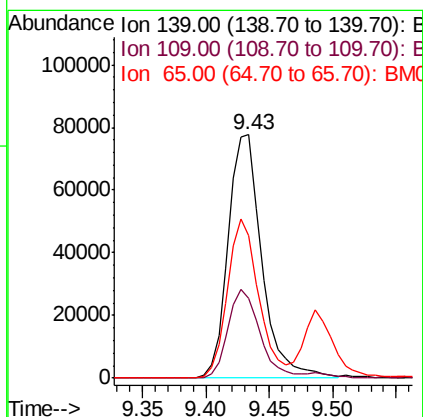
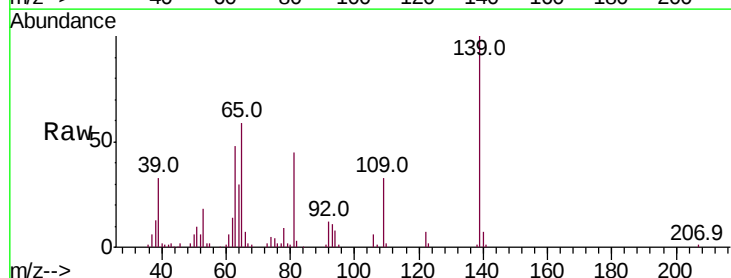
Instrument :
BNA_M
ClientSampleId :

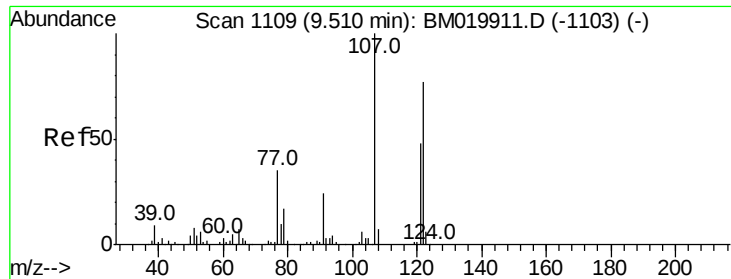
Tot Ion: 82 Resp: 605844
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 15.1 12.2 18.2



#26
2-Nitrophenol
Concen: 39.355 ng
RT: 9.43 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion: 139 Resp: 142855
Ion Ratio Lower Upper
139 100
109 33.0 26.3 39.5
65 58.6 47.4 71.2

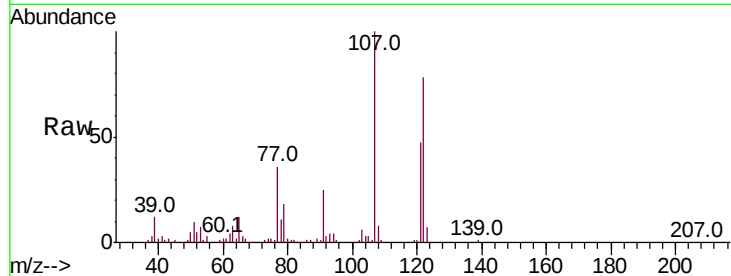




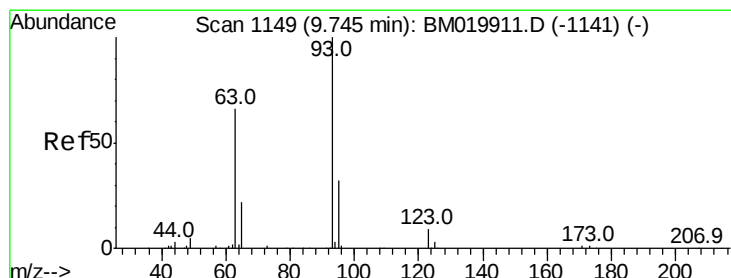
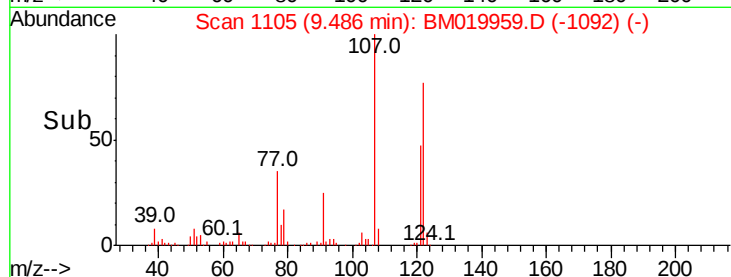
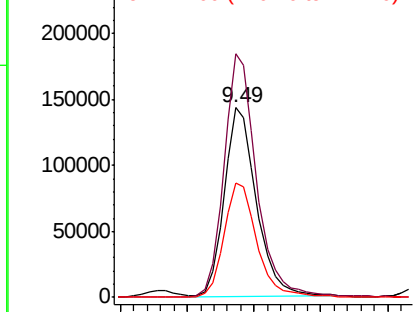
#27
 2,4-Dimethylphenol
 Concen: 46.928 ng
 RT: 9.49 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:122 Resp: 240853
 Ion Ratio Lower Upper
 122 100
 107 128.3 103.1 154.7
 121 60.2 49.8 74.8

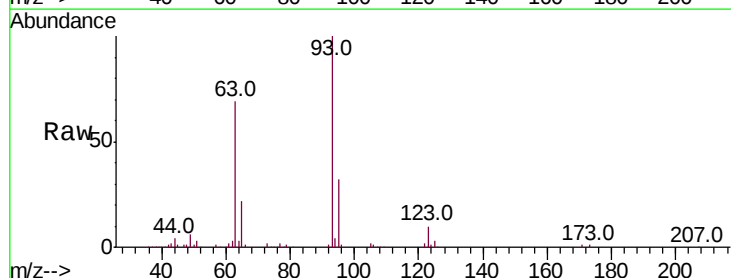


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

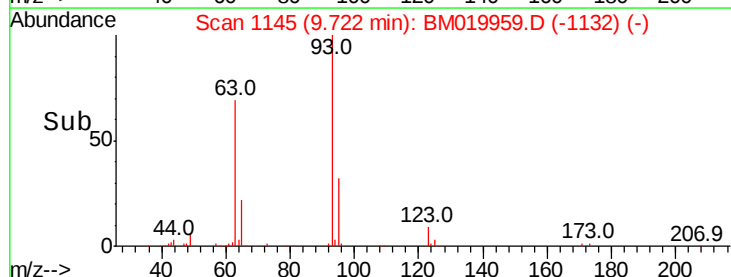
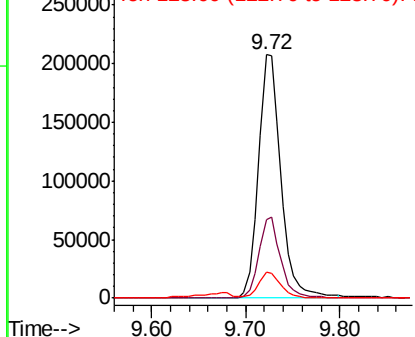


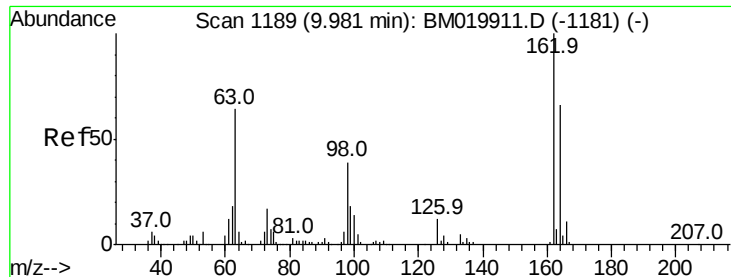
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.399 ng
 RT: 9.72 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Tgt Ion: 93 Resp: 344171
 Ion Ratio Lower Upper
 93 100
 95 32.1 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

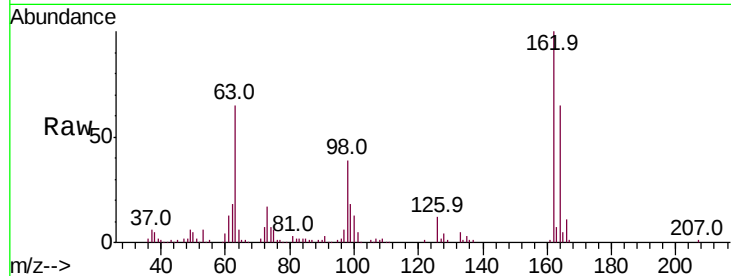




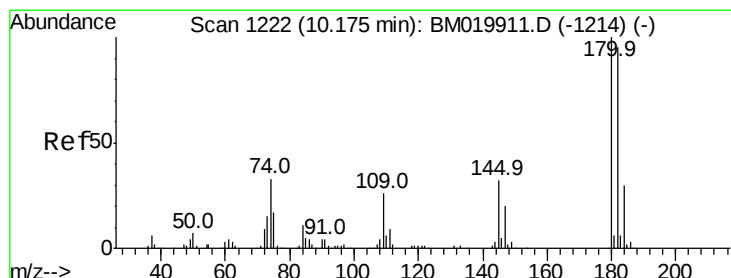
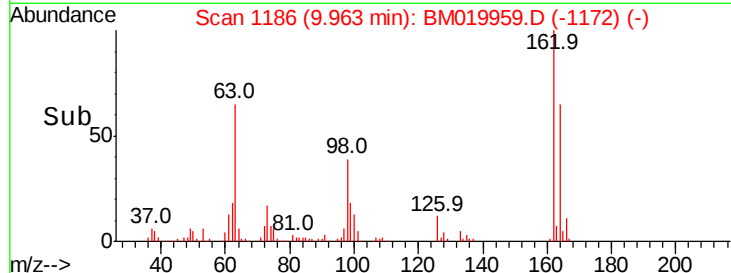
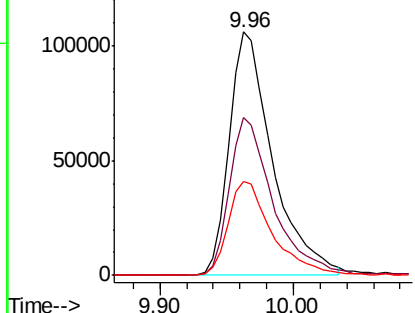
#29
2,4-Dichlorophenol
Concen: 41.140 ng
RT: 9.96 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.3	86.3
98	38.8	19.2	59.2

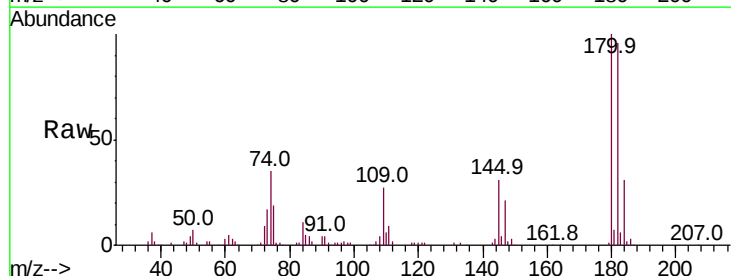


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

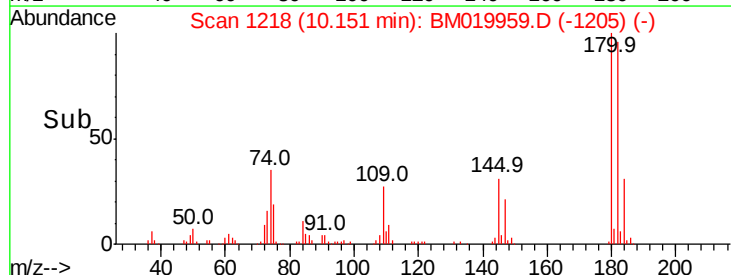
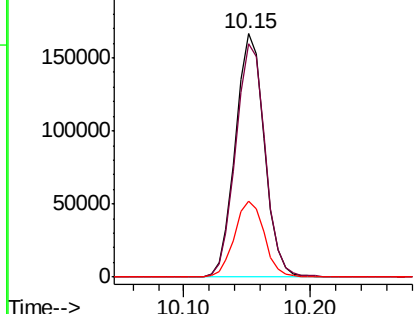


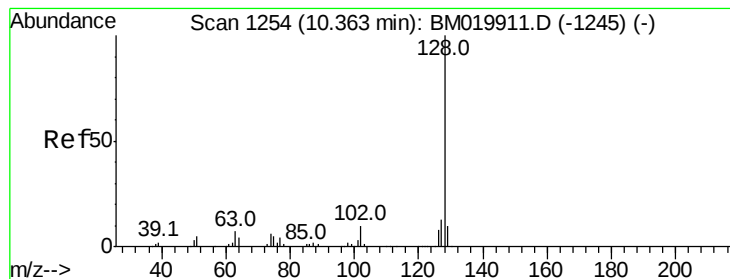
#30
1,2,4-Trichlorobenzene
Concen: 42.019 ng
RT: 10.15 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	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

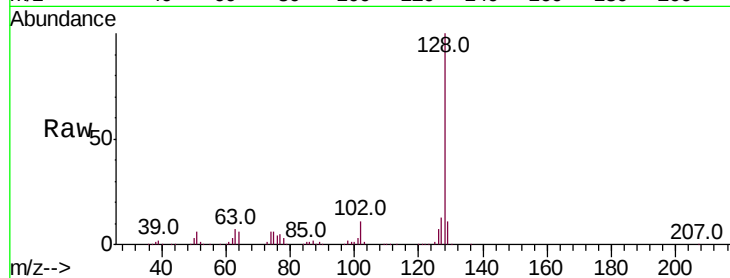




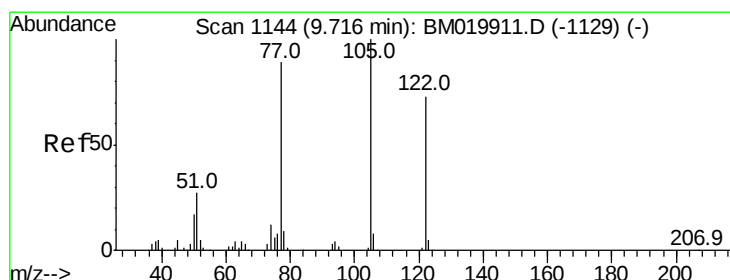
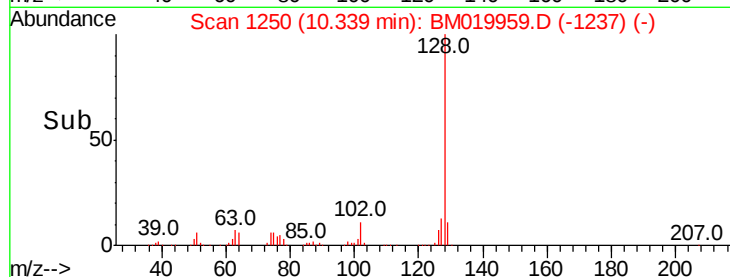
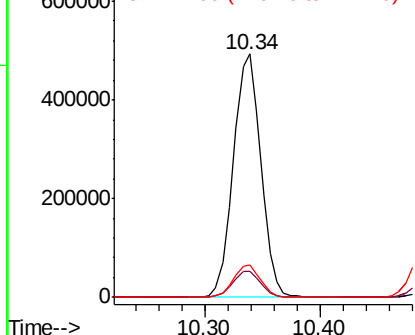
#31
Naphthalene
Concen: 41.344 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 815455
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.2 10.4 15.6

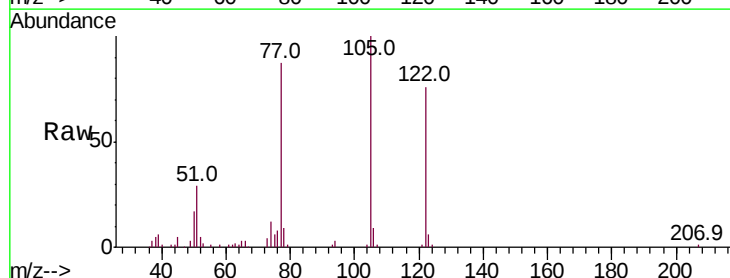


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

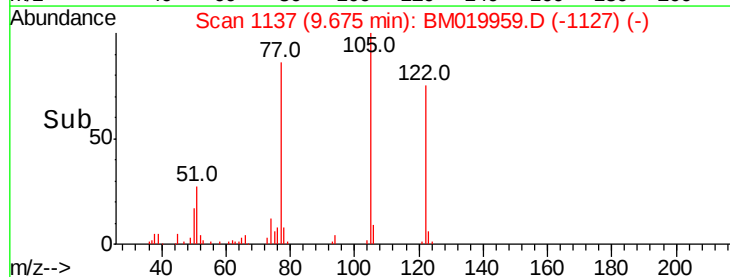
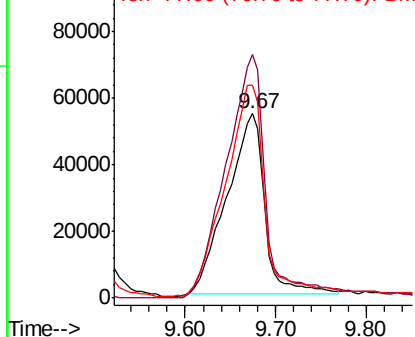


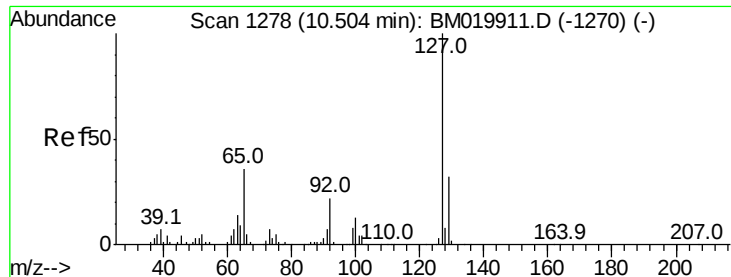
#32
Benzoic acid
Concen: 34.076 ng
RT: 9.67 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:122 Resp: 156790
Ion Ratio Lower Upper
122 100
105 132.2 114.8 154.8
77 115.6 100.2 140.2



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): BM

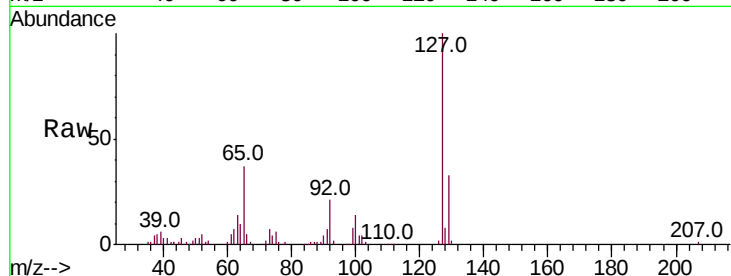




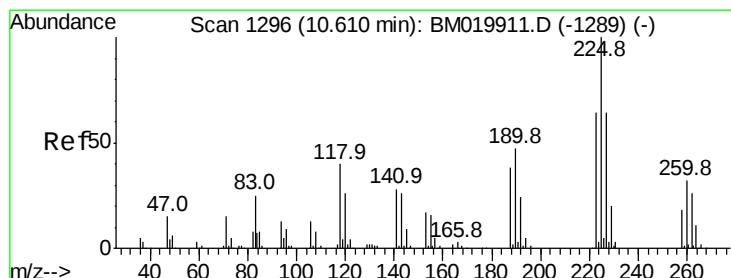
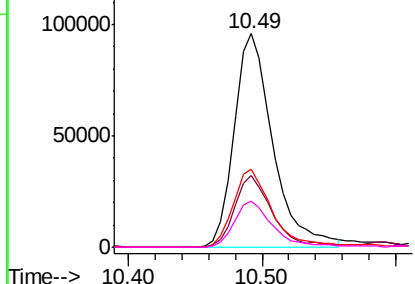
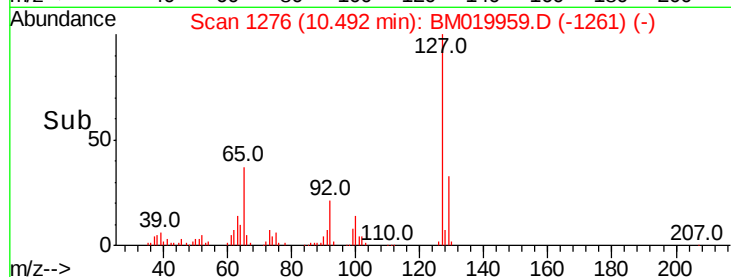
#33
4-Chloroaniline
Concen: 23.764 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	193088
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.4	38.0
65	36.6	29.2	43.8
92	21.3	17.5	26.3

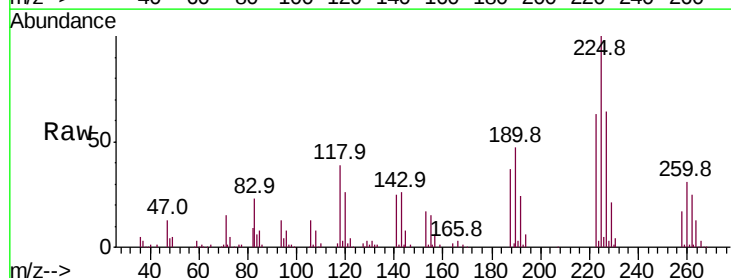


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

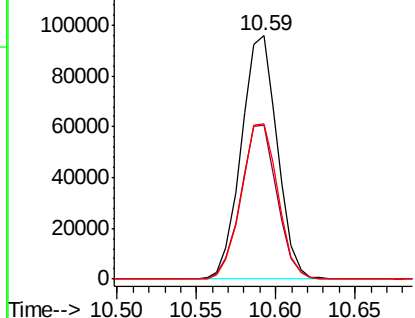
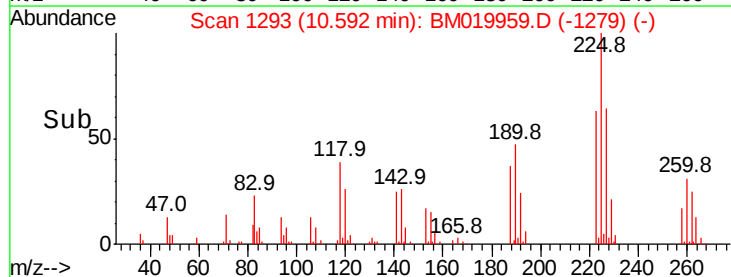


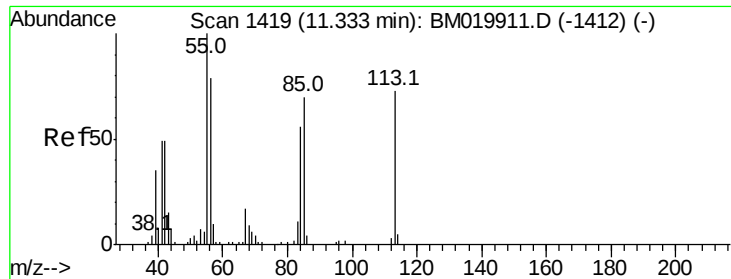
#34
Hexachlorobutadiene
Concen: 40.816 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:	225	Resp:	151026
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	63.9	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

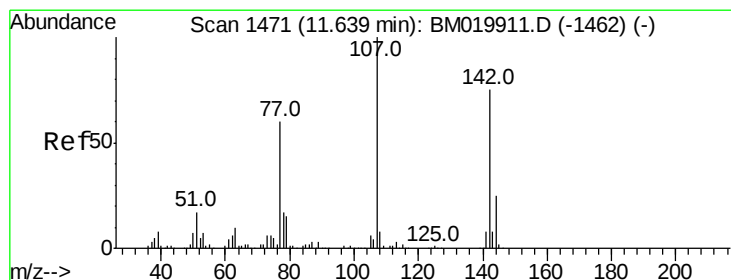
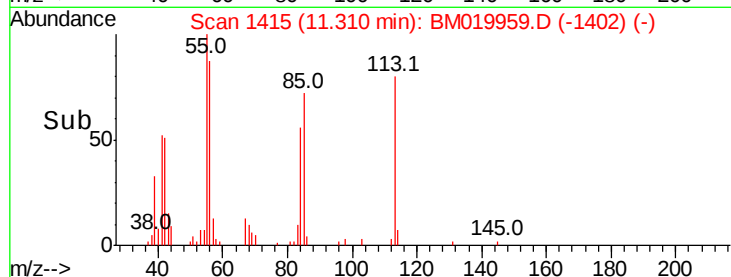
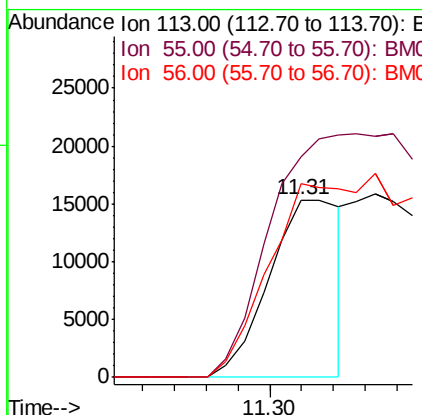
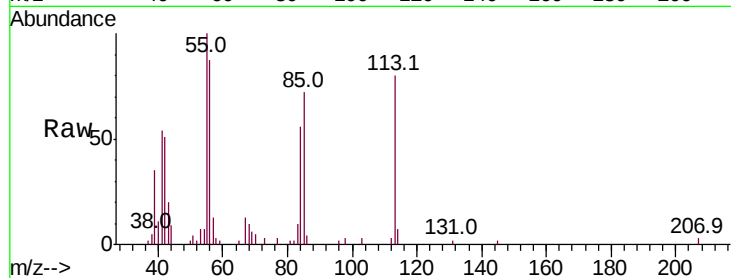




#35
Caprolactam
Concen: 11.015 ng
RT: 11.31 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

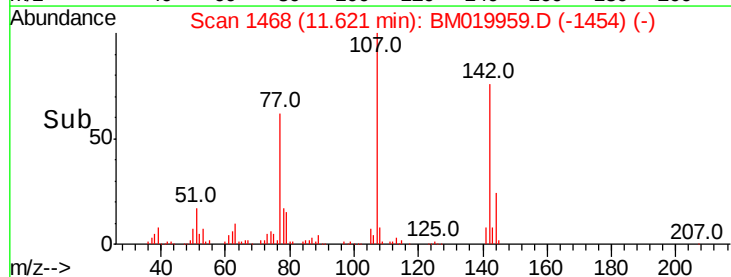
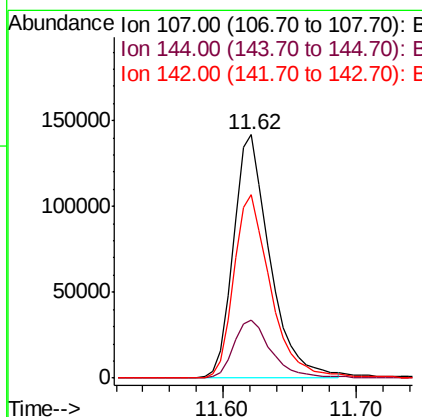
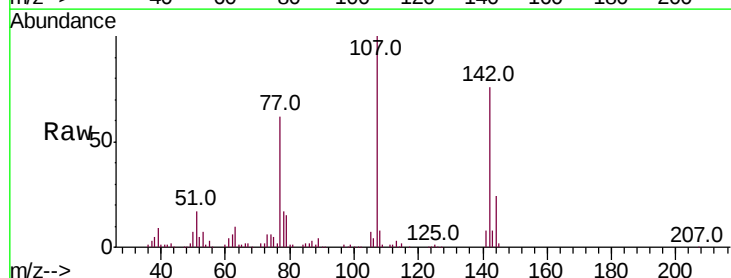
Instrument :
BNA_M
ClientSampleId :

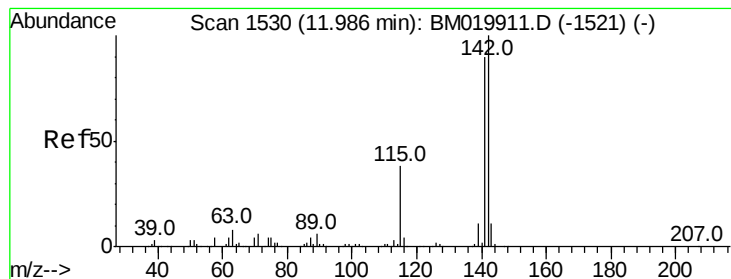
Tot Ion:113 Resp: 24303
Ion Ratio Lower Upper
113 100
55 124.5 117.1 157.1
56 108.8 88.2 128.2



#36
4-Chloro-3-methylphenol
Concen: 37.193 ng
RT: 11.62 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:107 Resp: 269380
Ion Ratio Lower Upper
107 100
144 23.9 19.8 29.8
142 75.5 60.3 90.5





#37

2-Methylnaphthalene

Concen: 39.557 ng

RT: 11.96 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampled :

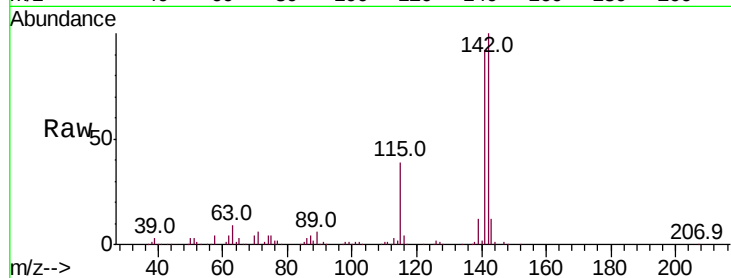
Tot Ion:142 Resp: 568014

Ion Ratio Lower Upper

142 100

141 92.4 72.3 108.5

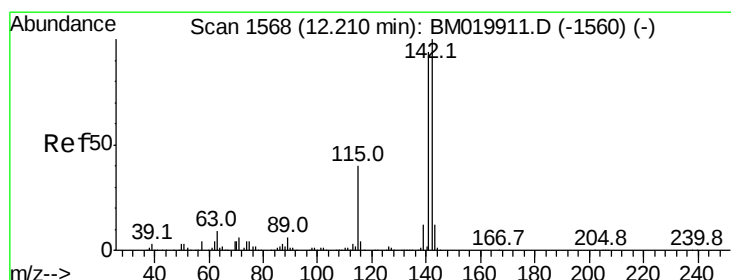
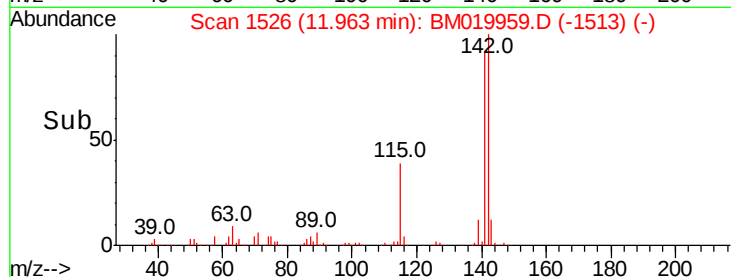
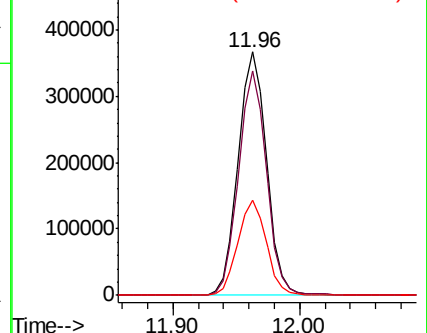
115 39.1 30.5 45.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.423 ng

RT: 12.19 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

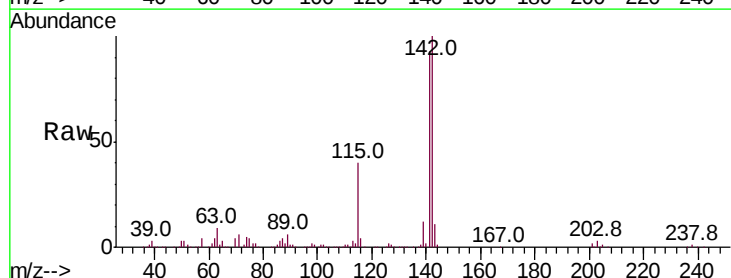
Tgt Ion:142 Resp: 544771

Ion Ratio Lower Upper

142 100

141 93.4 75.7 113.5

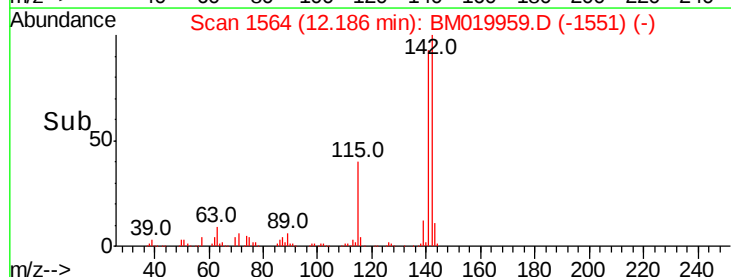
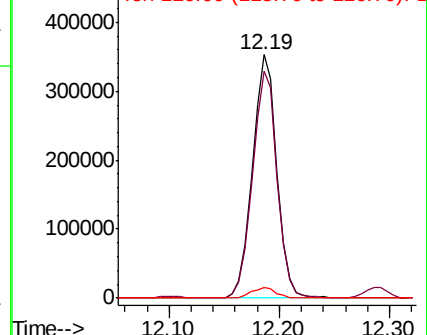
116 4.4 3.4 5.2

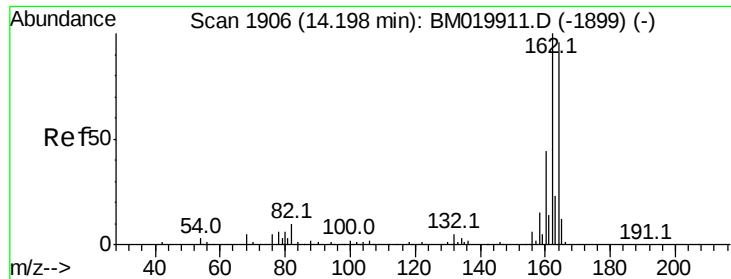


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

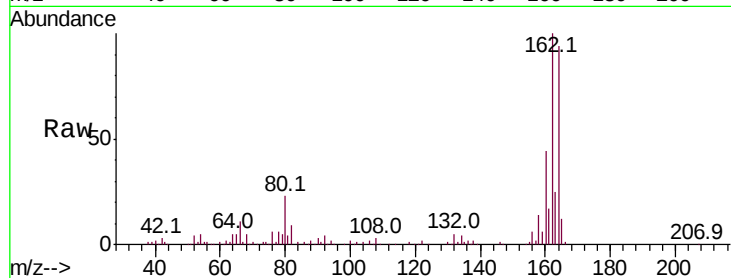




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.9	83.0	124.4
160	46.8	36.6	55.0

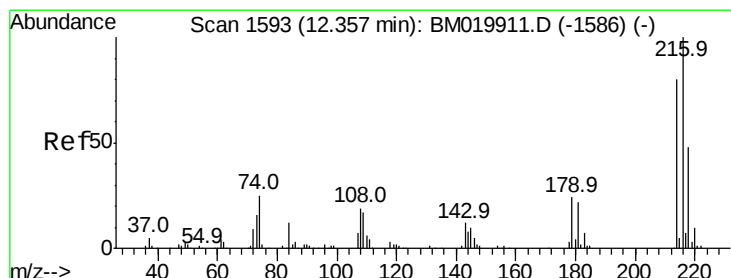
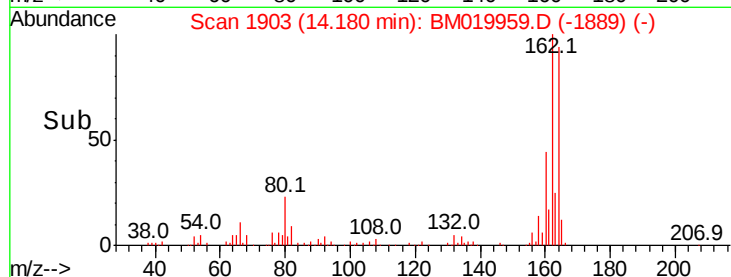
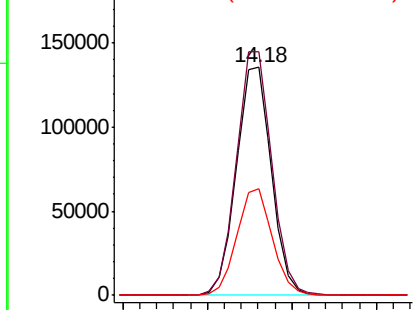


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.982 ng
 RT: 12.34 min Scan# 1590
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.1	94.7
179	23.6	19.0	28.6
108	20.4	16.3	24.5

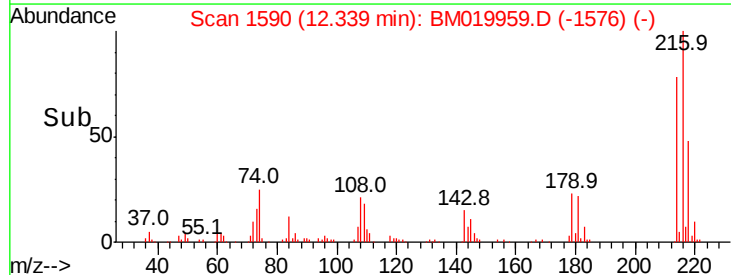
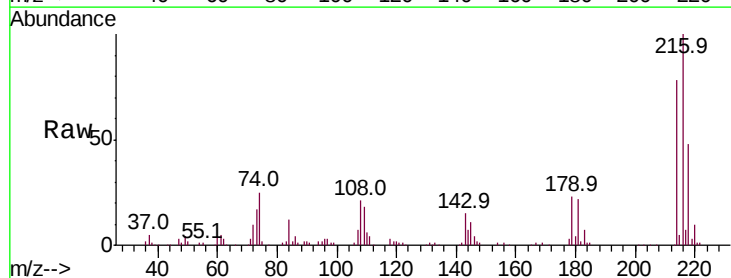
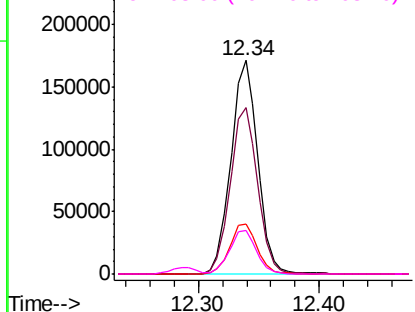
Abundance

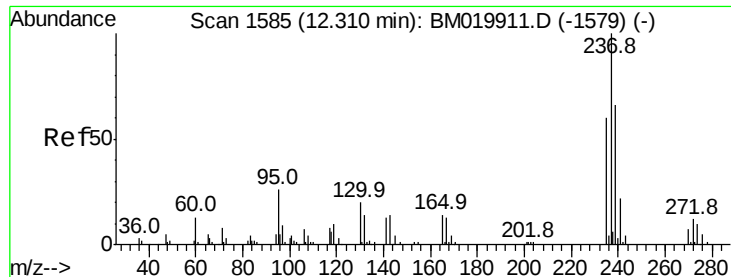
Ion 216.00 (215.70 to 216.70): E

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

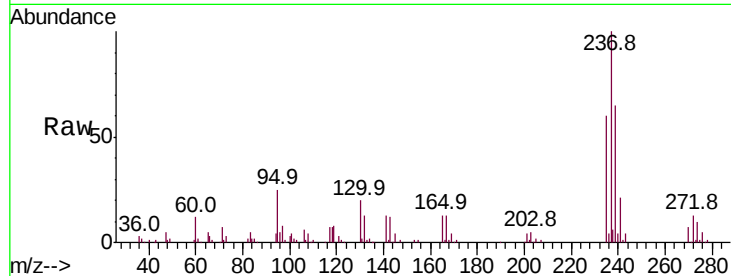




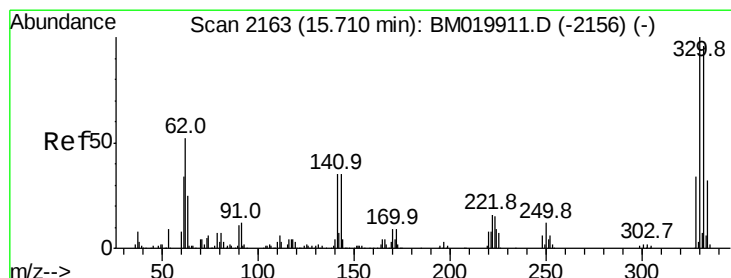
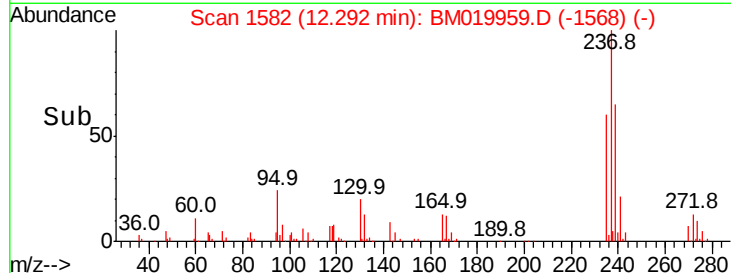
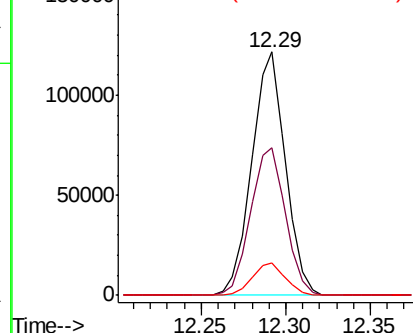
#41
Hexachlorocyclopentadiene
Concen: 79.082 ng
RT: 12.29 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 168419
Ion Ratio Lower Upper
237 100
235 60.5 40.4 80.4
272 13.3 0.0 32.3

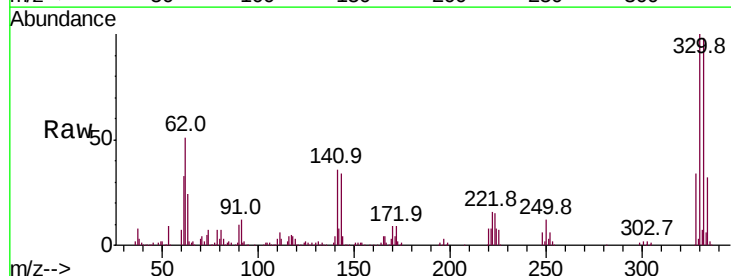


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

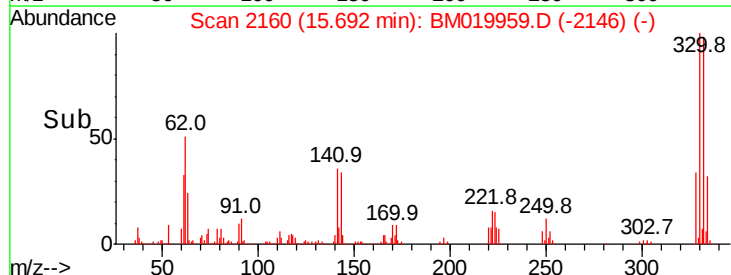
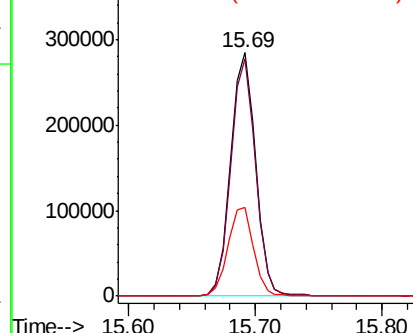


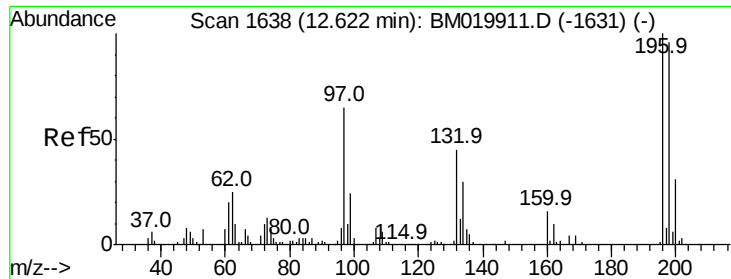
#42
2,4,6-Tribromophenol
Concen: 123.184 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:330 Resp: 387419
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 37.5 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

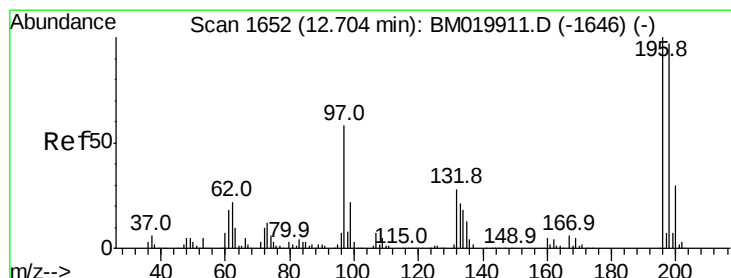
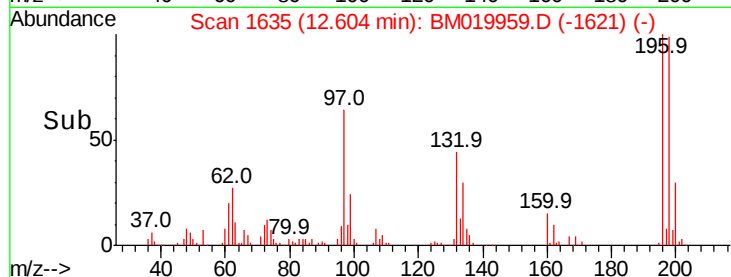
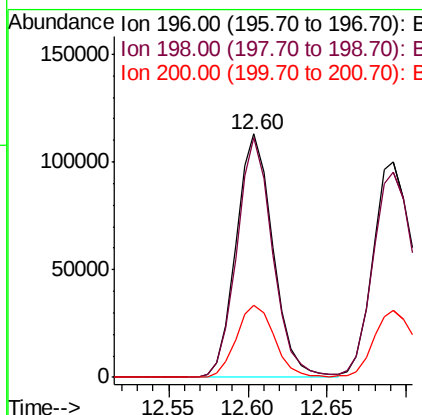
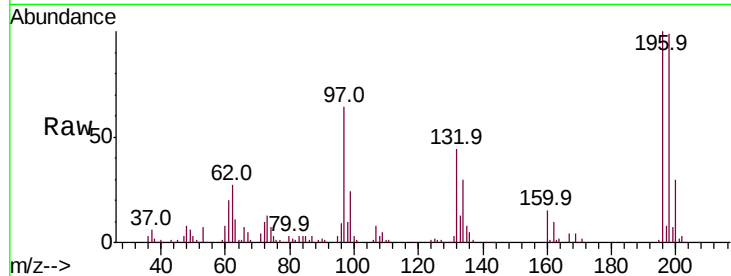




#43
 2,4,6-Trichlorophenol
 Concen: 44.782 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

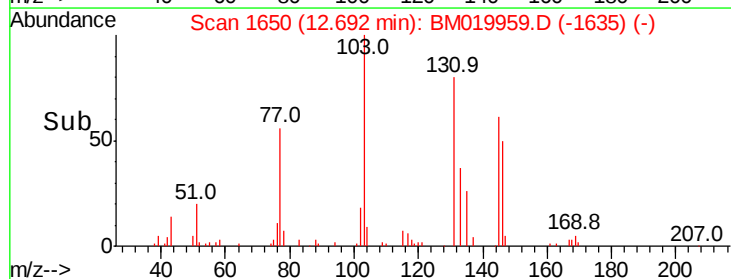
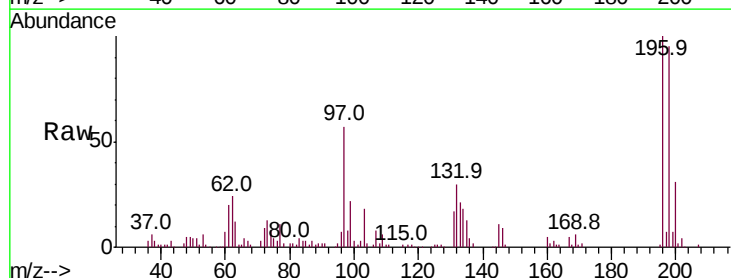
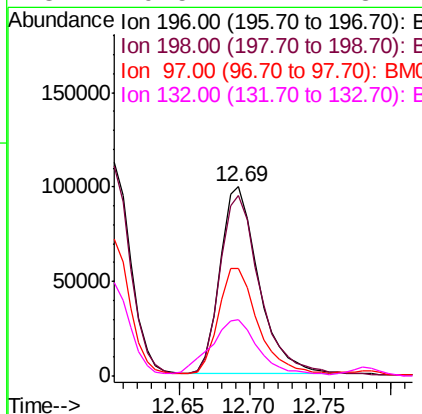
Instrument :
 BNA_M
 ClientSampled :

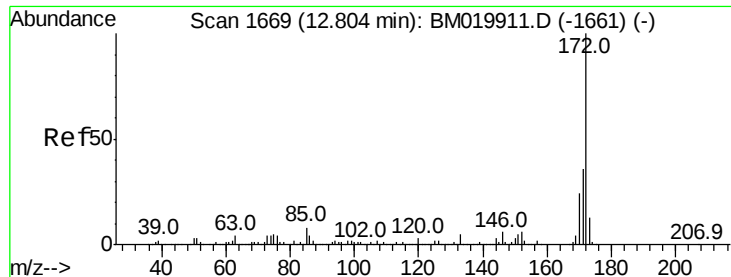
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.8	115.2
200	29.6	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.392 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.8	116.8
97	56.9	46.2	69.2
132	29.5	22.7	34.1

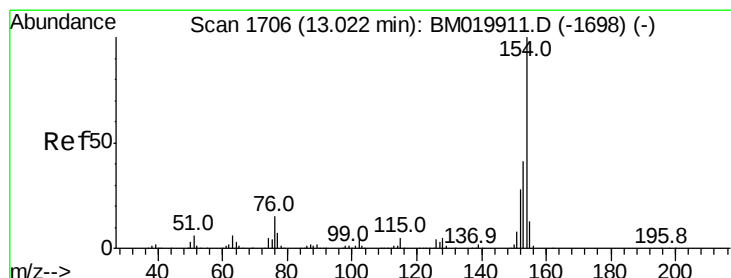
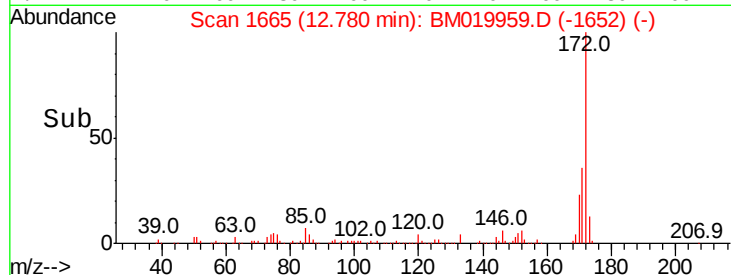
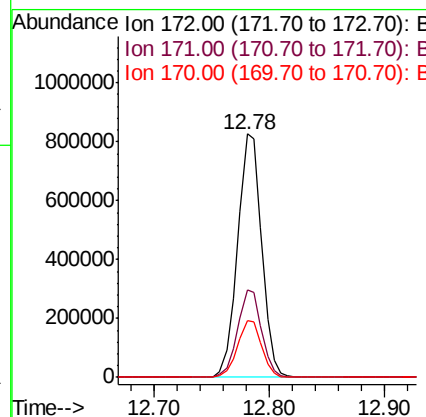
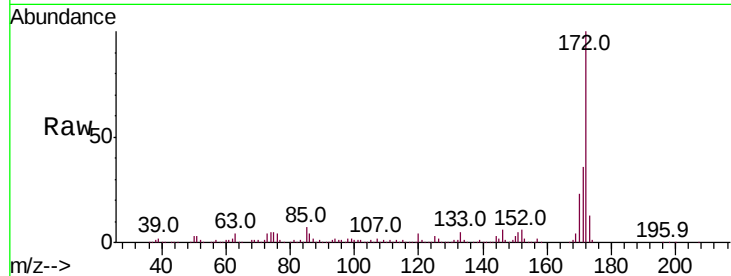




#45
2-Fluorobiphenyl
Concen: 75.943 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

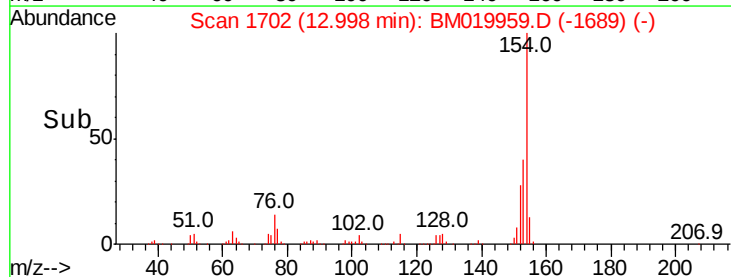
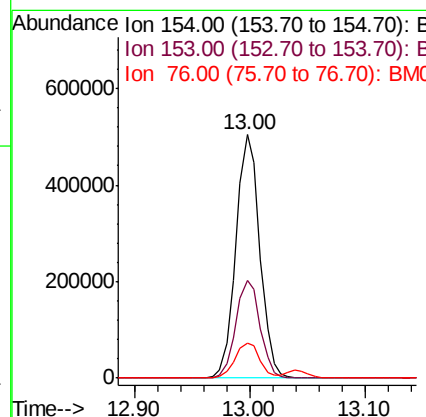
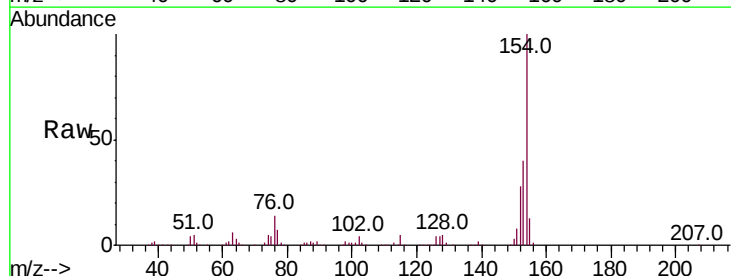
Instrument :
BNA_M
ClientSampled :

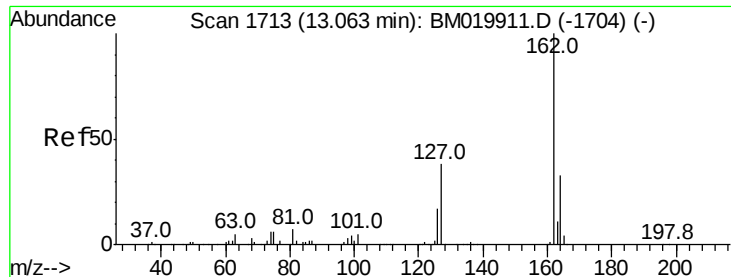
Tot Ion:172 Resp: 1190589
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.698 ng
RT: 13.00 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:154 Resp: 722552
Ion Ratio Lower Upper
154 100
153 39.9 21.0 61.0
76 14.4 0.0 34.8

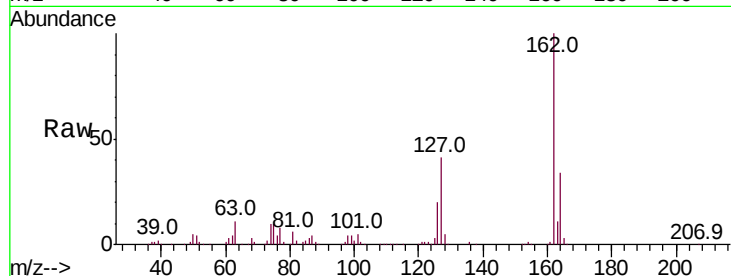




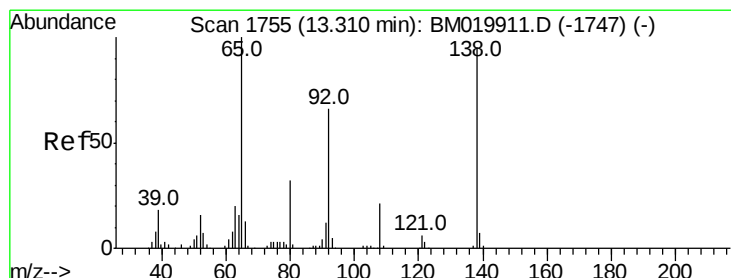
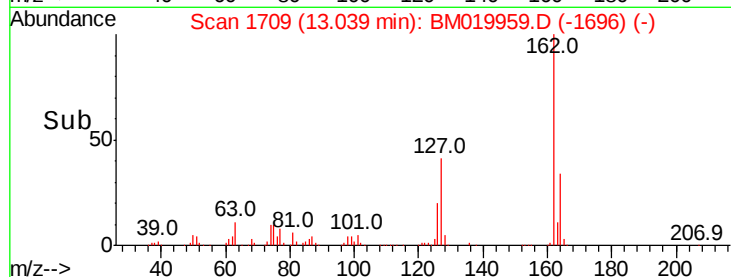
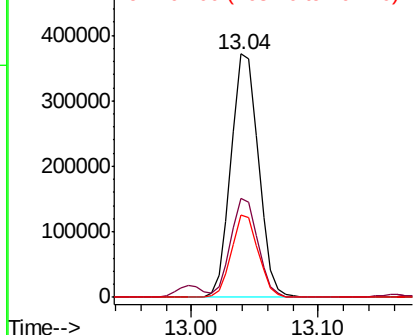
#47
2-Chloronaphthalene
Concen: 43.268 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 558498
Ion Ratio Lower Upper
162 100
127 40.7 32.3 48.5
164 33.6 26.3 39.5

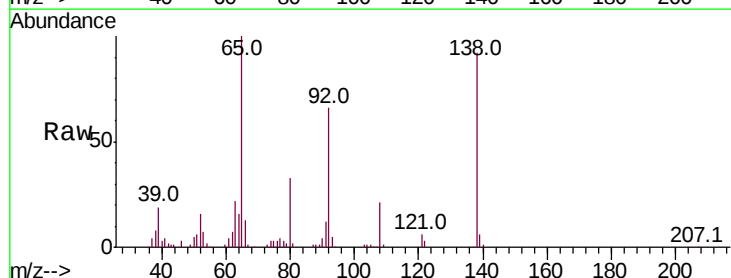


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

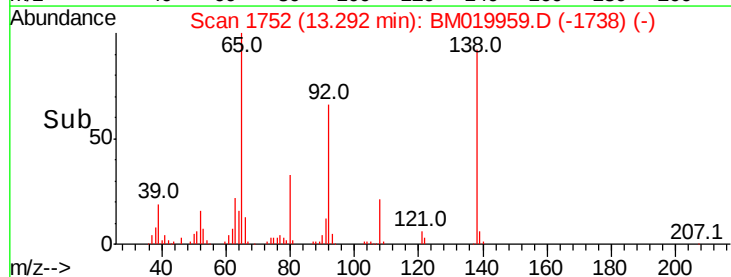
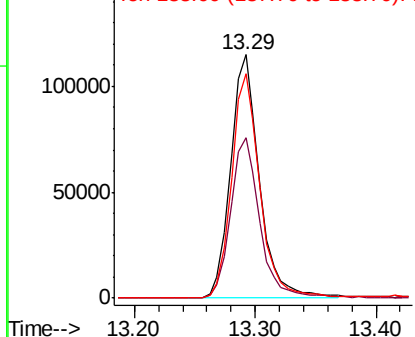


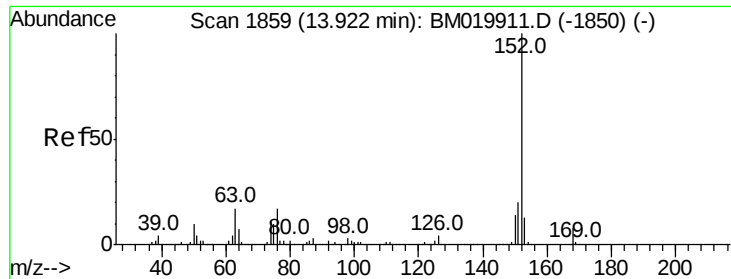
#48
2-Nitroaniline
Concen: 41.014 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion: 65 Resp: 190825
Ion Ratio Lower Upper
65 100
92 66.1 52.9 79.3
138 92.2 75.8 113.6



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.699 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

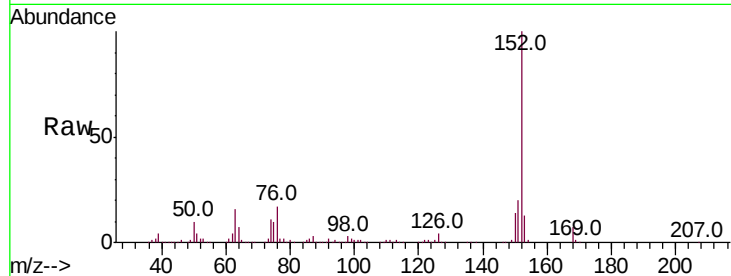
Tot Ion:152 Resp: 891596

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

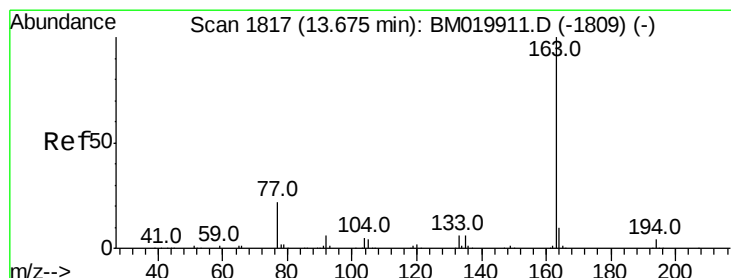
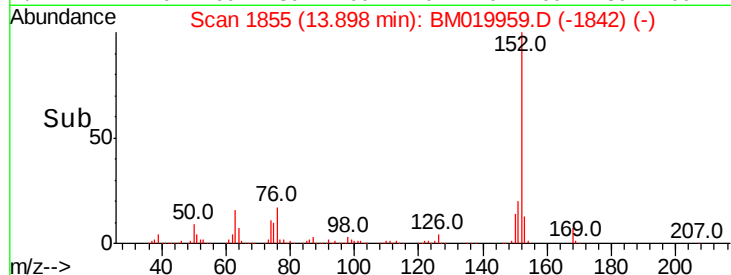
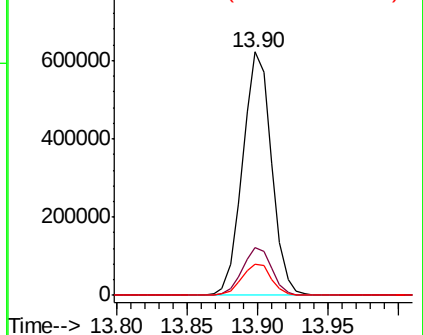
153 12.9 10.6 16.0



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: 40.571 ng

RT: 13.65 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

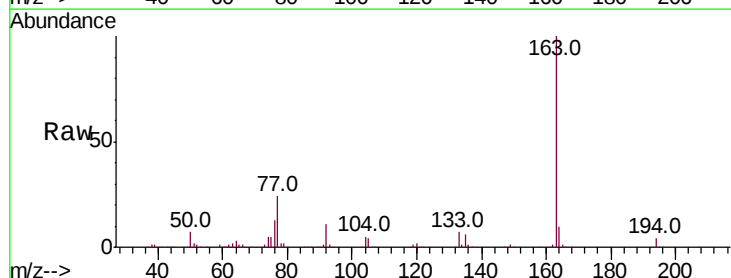
Tgt Ion:163 Resp: 699178

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

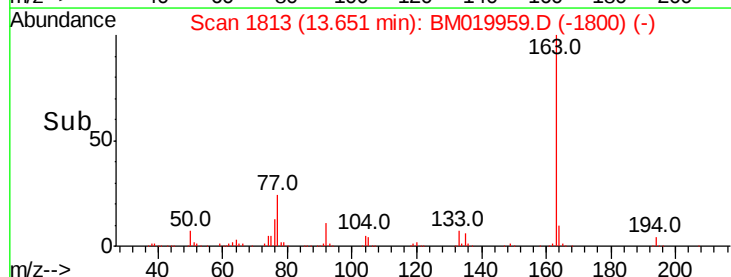
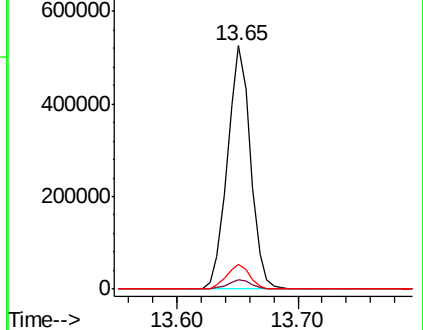
164 9.9 7.9 11.9

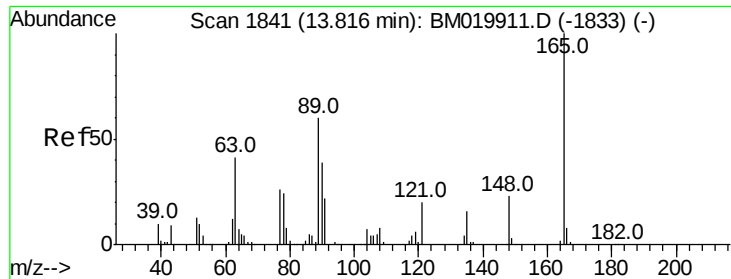


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

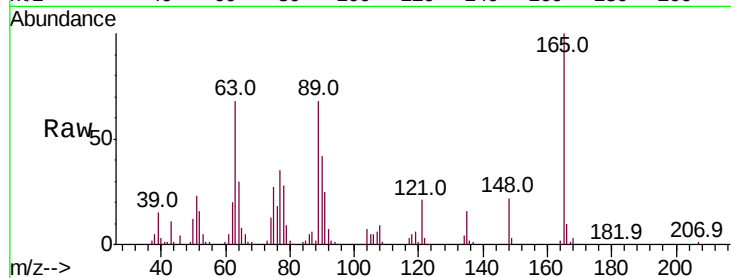




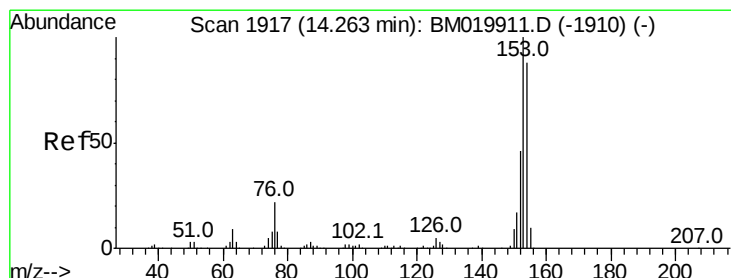
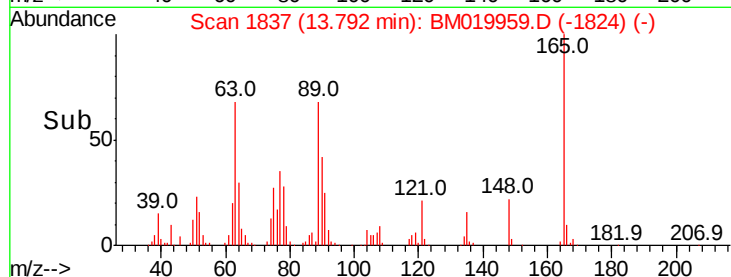
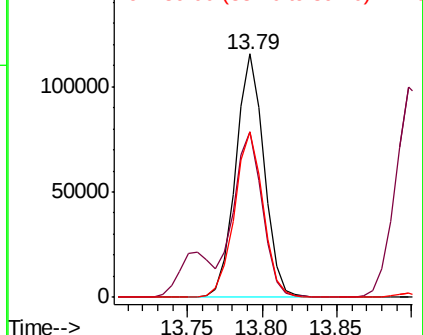
#51
2,6-Dinitrotoluene
Concen: 40.012 ng
RT: 13.79 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 152480
Ion Ratio Lower Upper
165 100
63 67.7 48.5 72.7
89 67.8 48.2 72.4

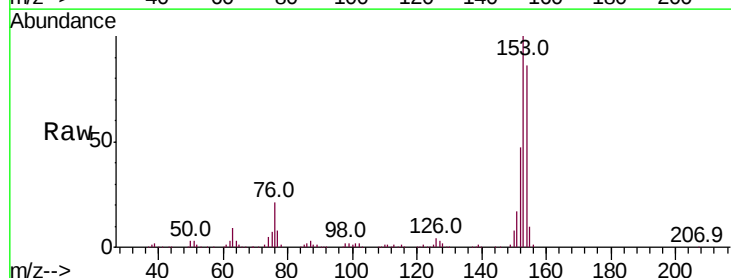


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

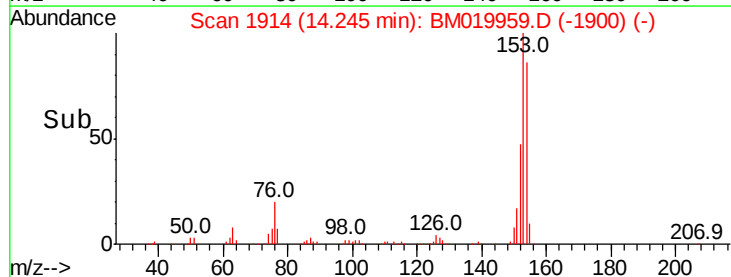
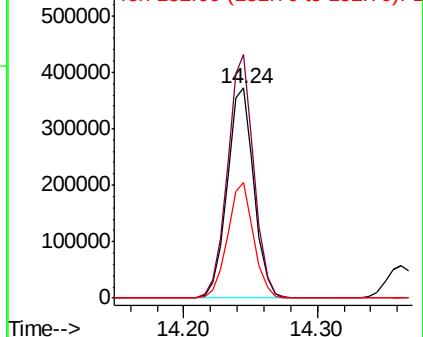


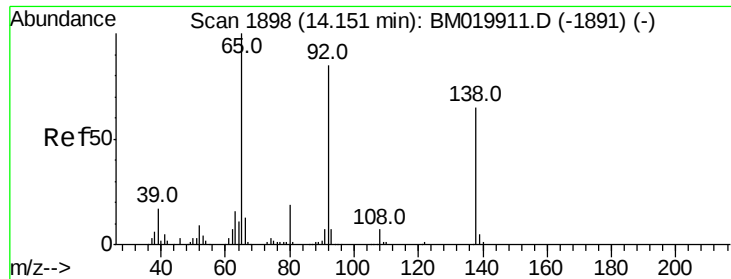
#52
Acenaphthene
Concen: 41.669 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:154 Resp: 518887
Ion Ratio Lower Upper
154 100
153 115.9 91.0 136.4
152 54.8 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

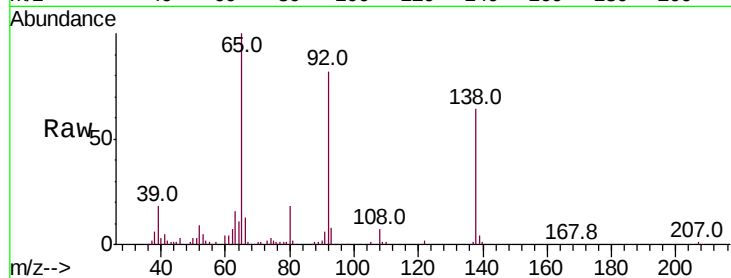




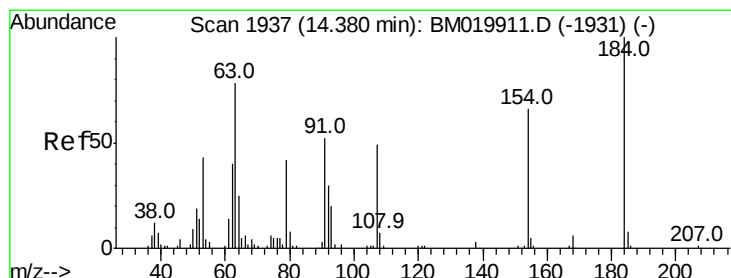
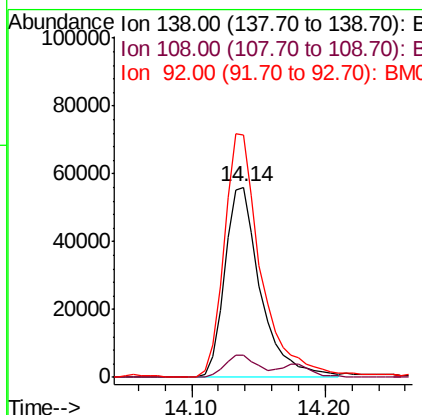
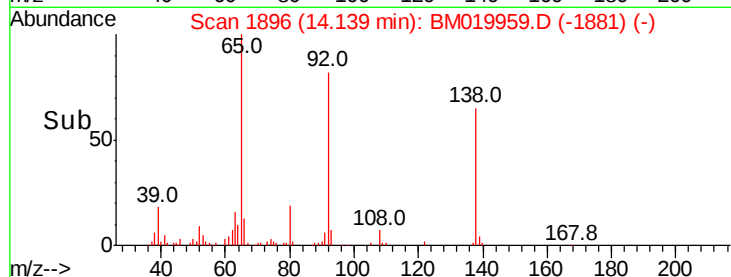
#53
3-Nitroaniline
Concen: 27.724 ng
RT: 14.14 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 105496
Ion Ratio Lower Upper
138 100
108 11.4 8.9 13.3
92 127.5 103.8 155.8

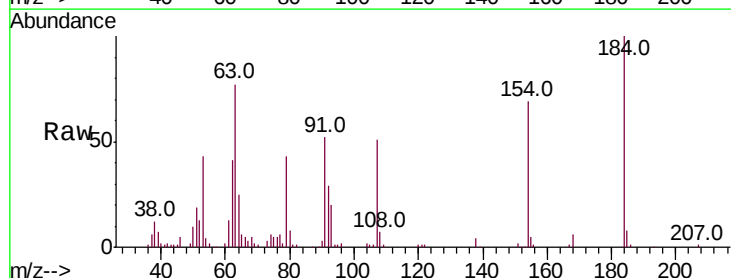


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM0

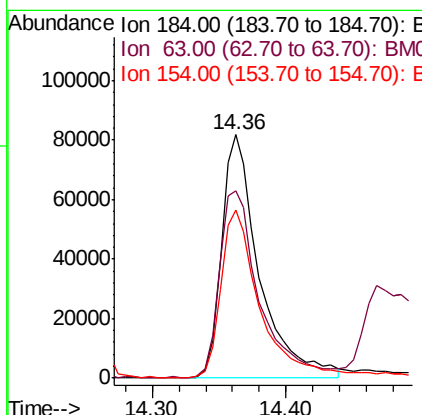
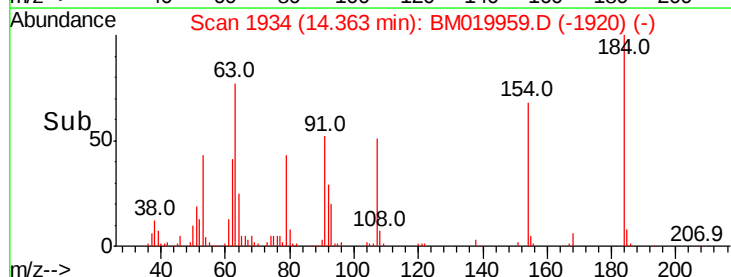


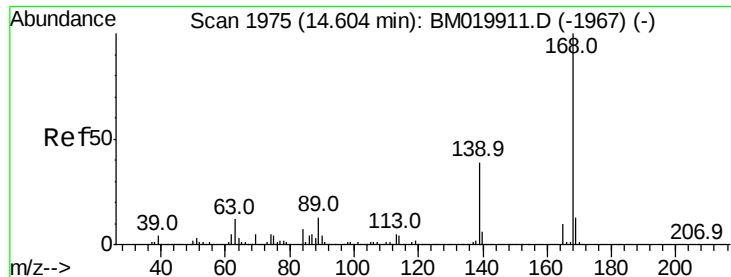
#54
2,4-Dinitrophenol
Concen: 71.747 ng
RT: 14.36 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:184 Resp: 161335
Ion Ratio Lower Upper
184 100
63 77.1 62.3 93.5
154 68.9 53.0 79.6



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

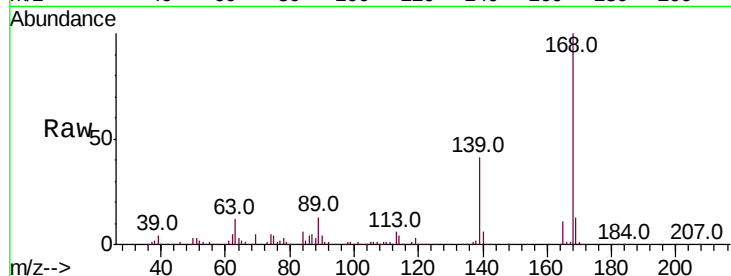




#55
Dibenzenofuran
Concen: 41.015 ng
RT: 14.59 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.5	47.3
169	13.1	10.6	16.0

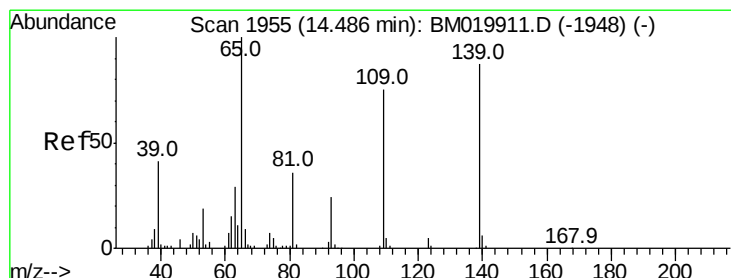
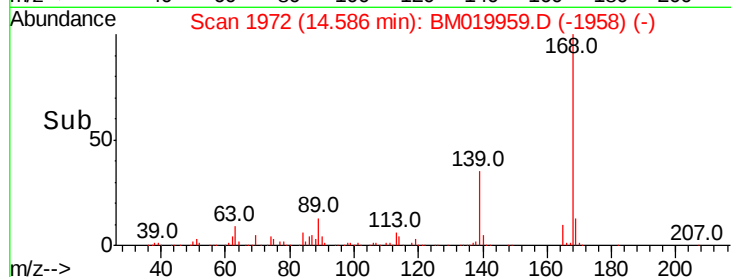
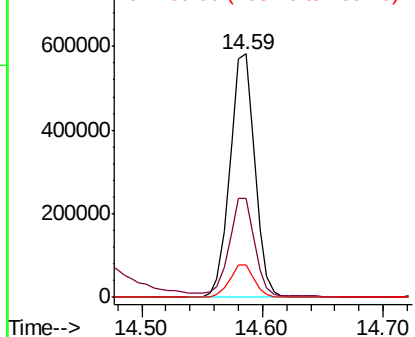


Abundance

Ion 168.00 (167.70 to 168.70): E

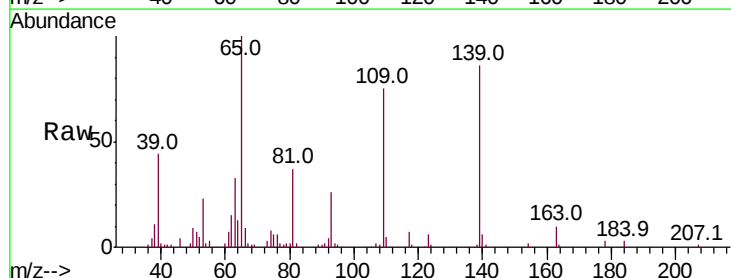
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 69.510 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.4	65.3	105.3
65	116.0	94.9	134.9

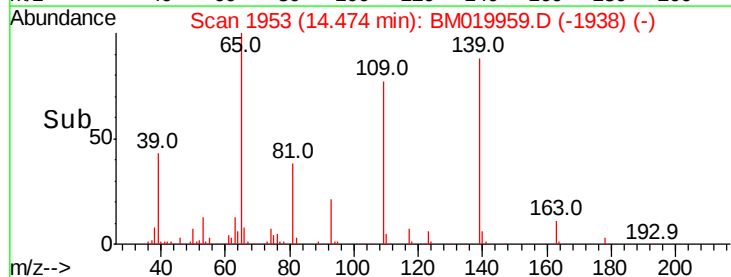
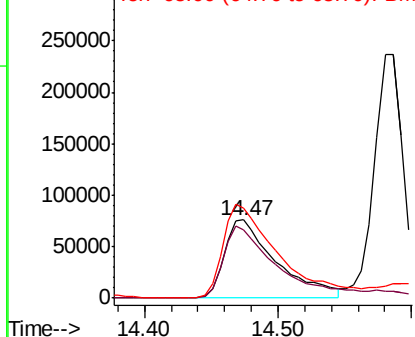


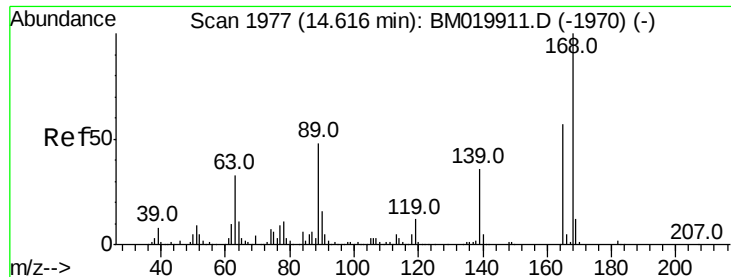
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

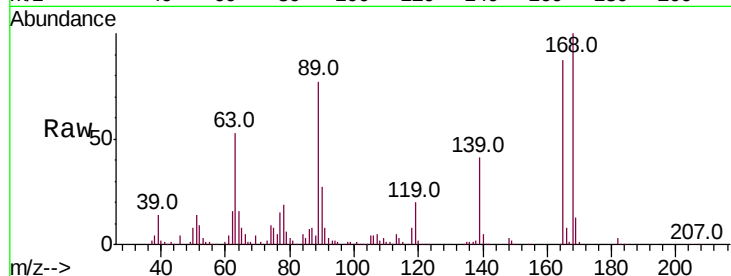




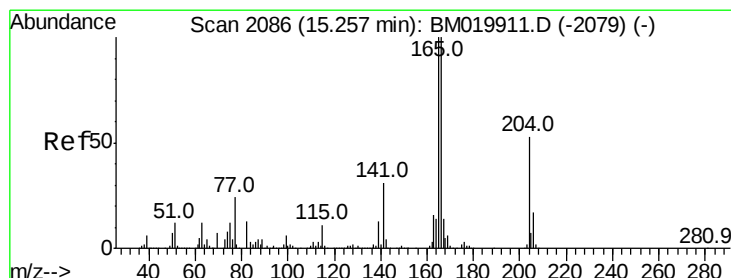
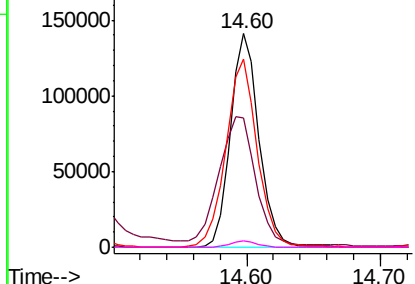
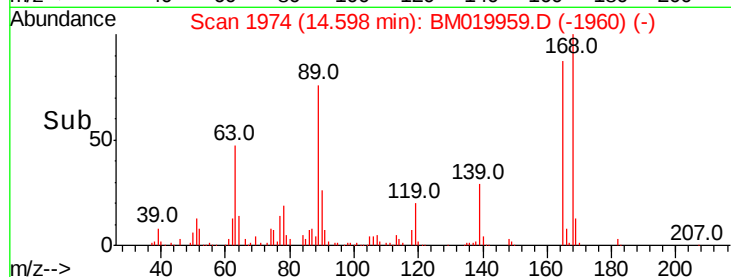
#57
2,4-Dinitrotoluene
Concen: 38.388 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 210286
Ion Ratio Lower Upper
165 100
63 60.3 46.0 69.0
89 87.8 67.5 101.3
182 3.2 2.4 3.6

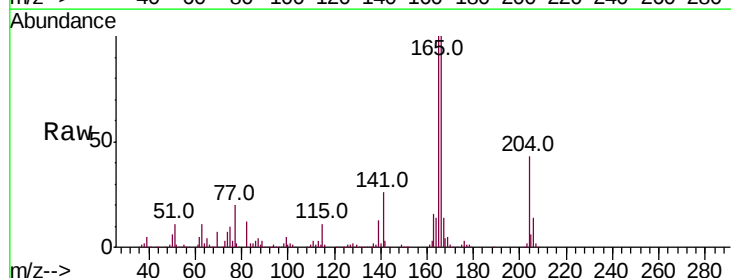


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

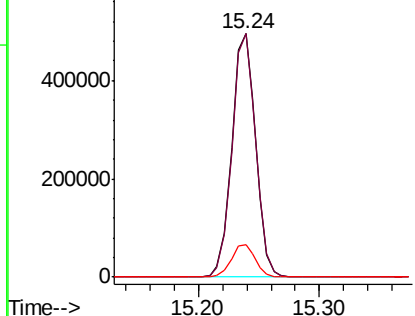
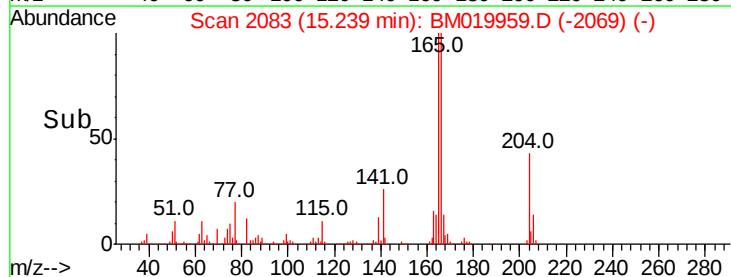


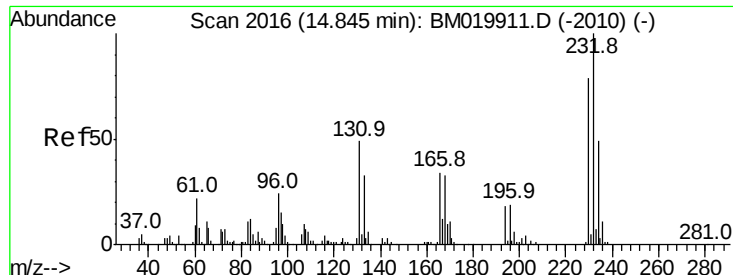
#58
Fluorene
Concen: 39.352 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:166 Resp: 678993
Ion Ratio Lower Upper
166 100
165 100.1 80.1 120.1
167 13.5 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

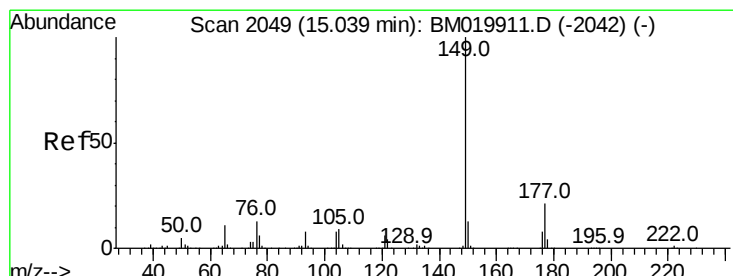
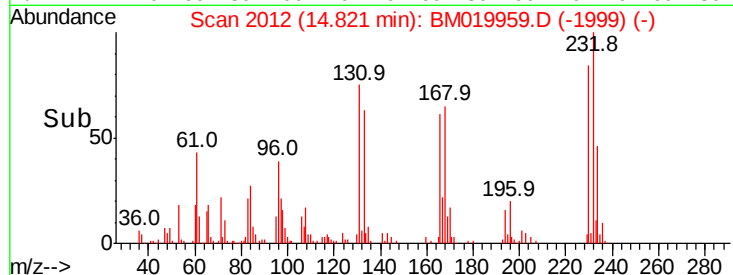
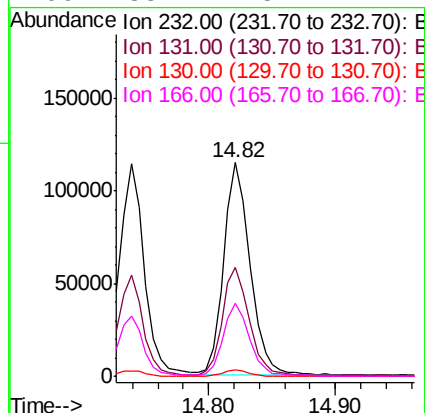
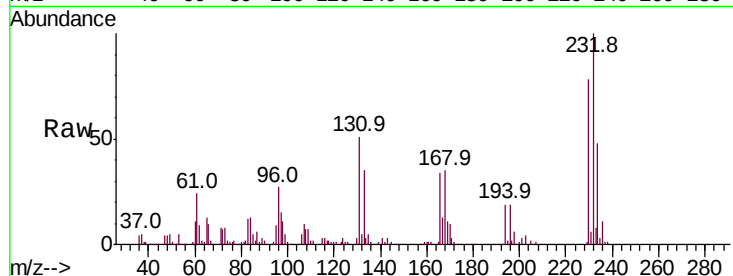




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.595 ng
 RT: 14.82 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

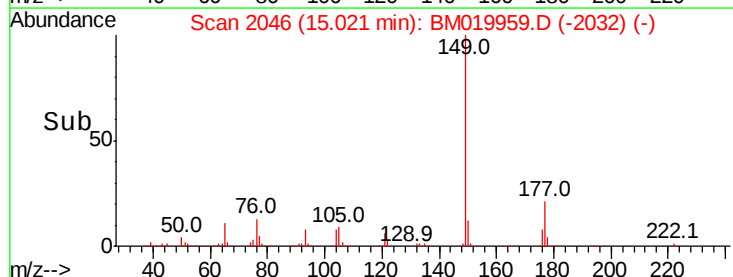
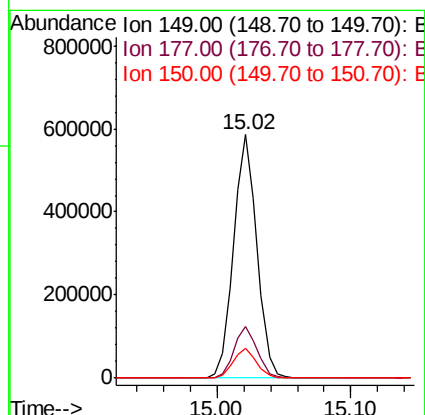
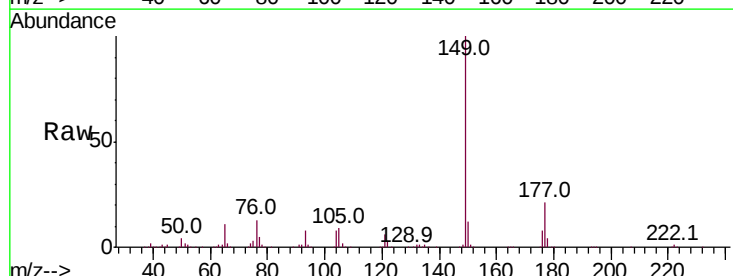
Instrument :
 BNA_M
 ClientSampleId :

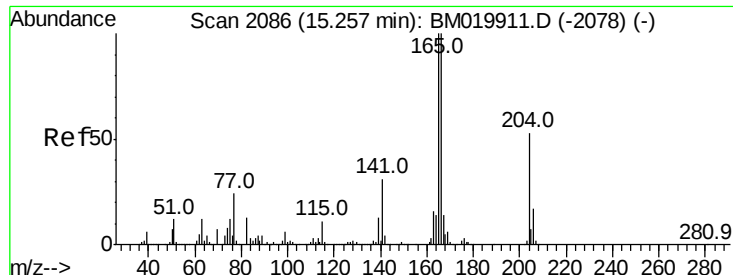
Tot Ion:	232	Resp:	165296
Ion	Ratio	Lower	Upper
232	100		
131	51.6	42.1	63.1
130	3.0	2.2	3.4
166	35.1	28.1	42.1



#60
 Diethylphthalate
 Concen: 39.929 ng
 RT: 15.02 min Scan# 2046
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Tgt Ion:	149	Resp:	715667
Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.6	25.0
150	12.2	10.0	15.0

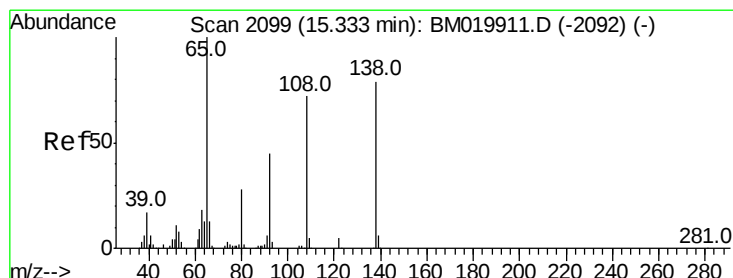
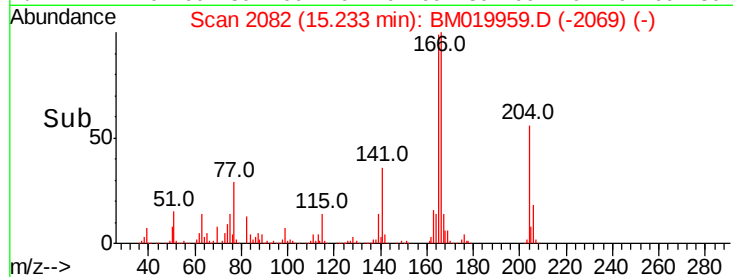
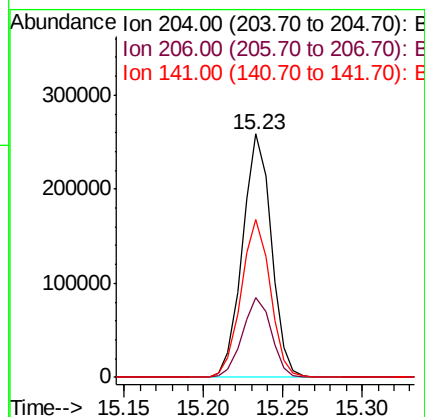
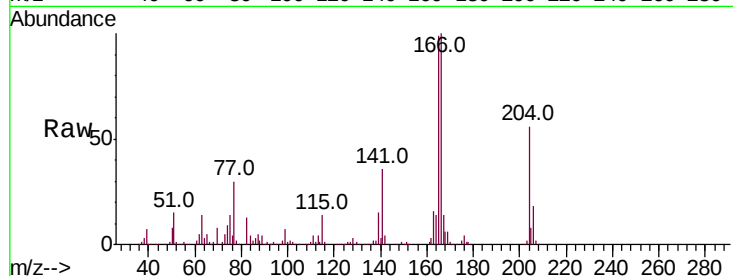




#61
 4-Chlorophenyl-phenylether
 Concen: 39.339 ng
 RT: 15.23 min Scan# 2082
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

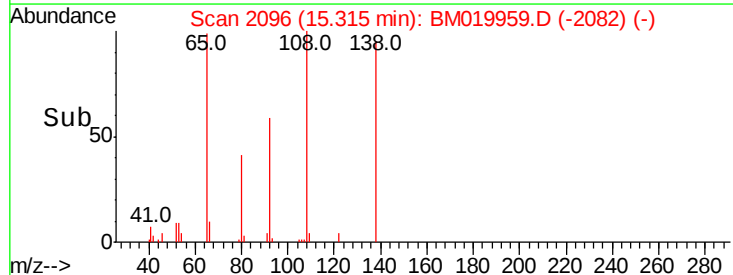
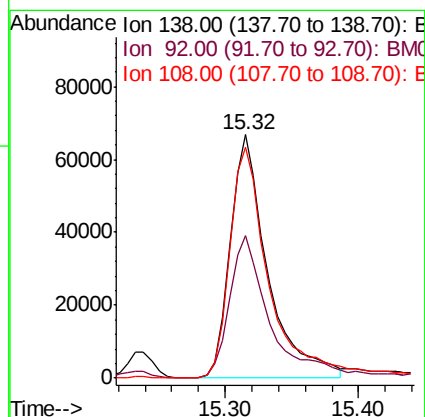
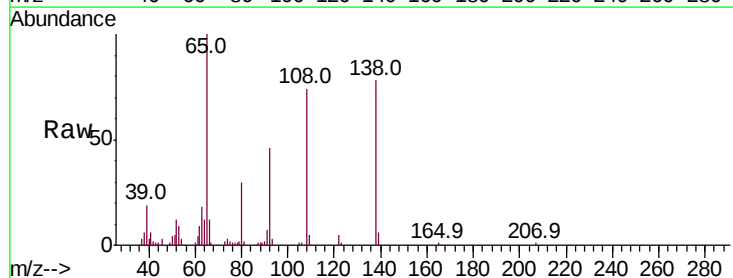
Instrument :
 BNA_M
 ClientSampleId :

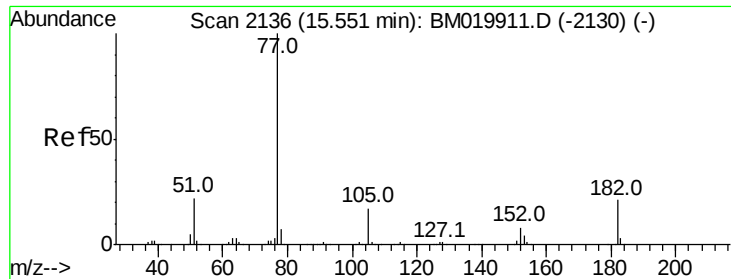
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.8
141	64.9	47.0	70.4



#62
 4-Nitroaniline
 Concen: 34.843 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.6	36.8	76.8
108	94.8	71.5	111.5

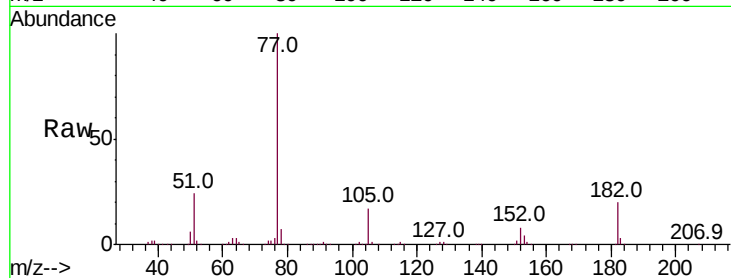




#63
Azobenzene
Concen: 41.016 ng
RT: 15.53 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	785735
Ion	Ratio	Lower	Upper
77	100		
182	19.9	1.0	41.0
105	16.8	0.0	37.1
51	23.5	2.1	42.1

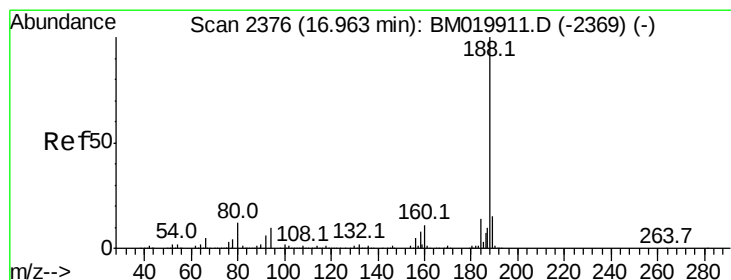
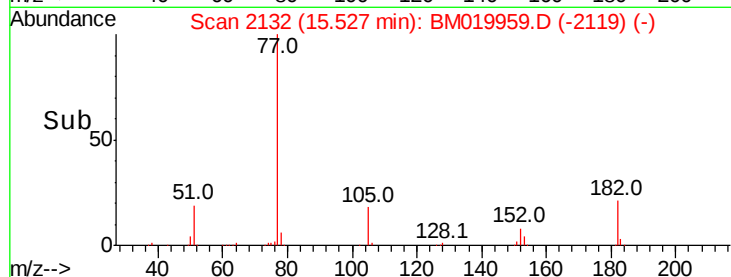
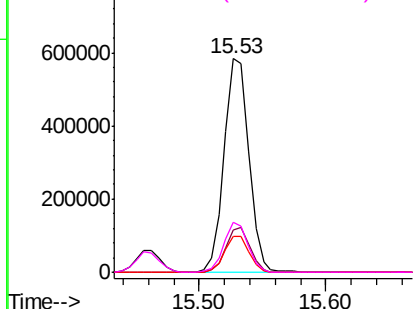


Abundance Ion 77.00 (76.70 to 77.70): BM019959.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM019959.D (-2119) (-)

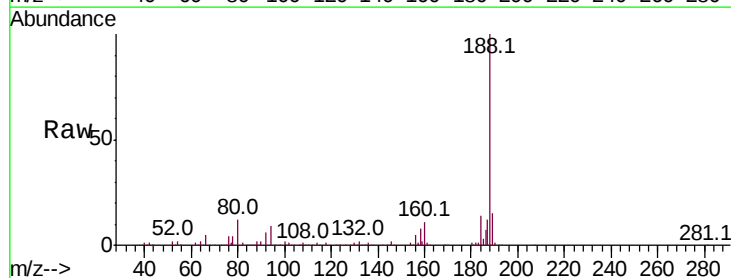
Ion 105.00 (104.70 to 105.70): BM019959.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM019959.D (-2119) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

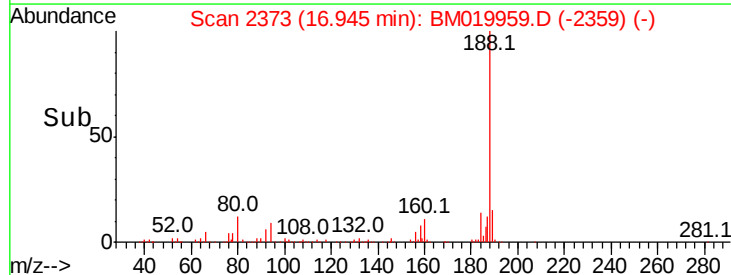
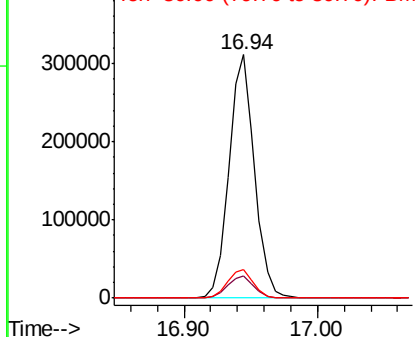
Tgt Ion:	188	Resp:	414797
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	11.9	9.4	14.0

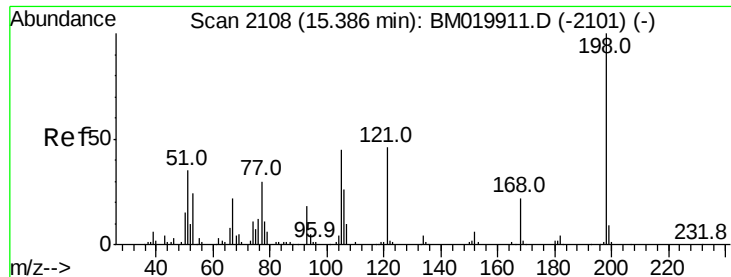


Abundance Ion 188.00 (187.70 to 188.70): BM019959.D (-2359) (-)

Ion 94.00 (93.70 to 94.70): BM019959.D (-2359) (-)

Ion 80.00 (79.70 to 80.70): BM019959.D (-2359) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 38.221 ng

RT: 15.37 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

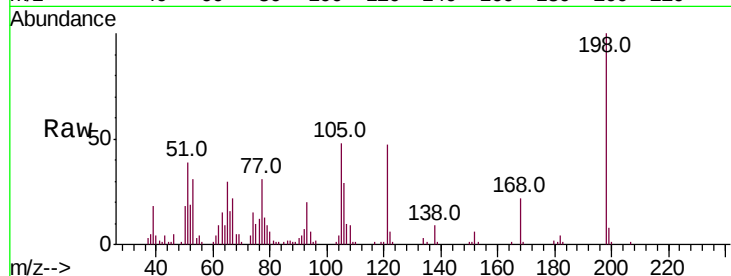
Tot Ion:198 Resp: 101155

Ion Ratio Lower Upper

198 100

51 39.4 17.9 57.9

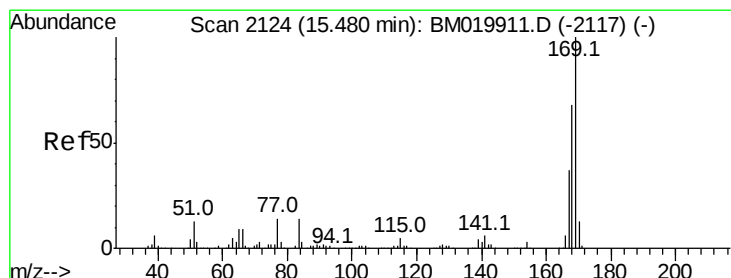
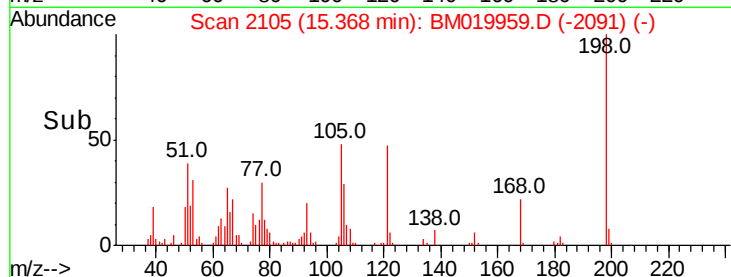
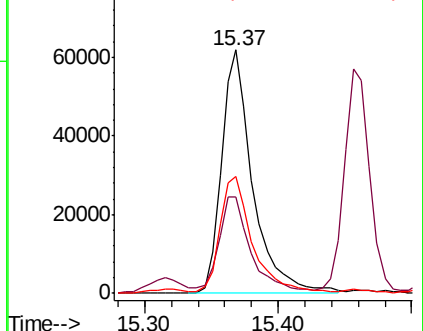
105 48.0 26.1 66.1



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: 41.684 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

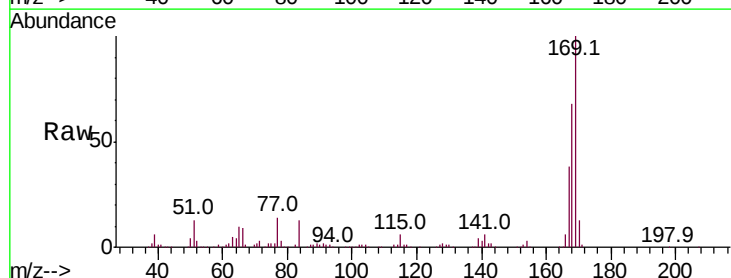
Tgt Ion:169 Resp: 565264

Ion Ratio Lower Upper

169 100

168 68.4 54.7 82.1

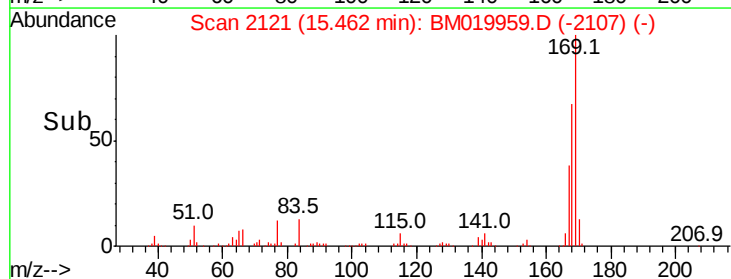
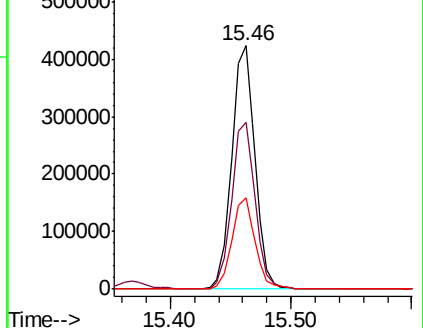
167 37.7 29.4 44.0

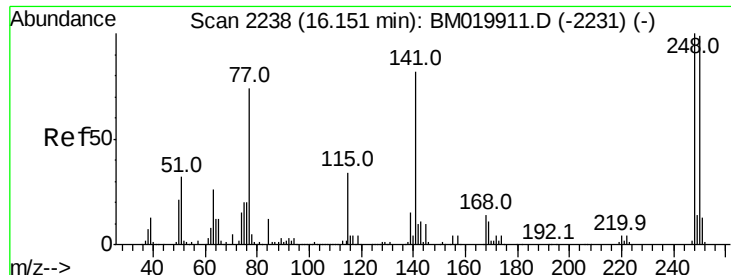


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

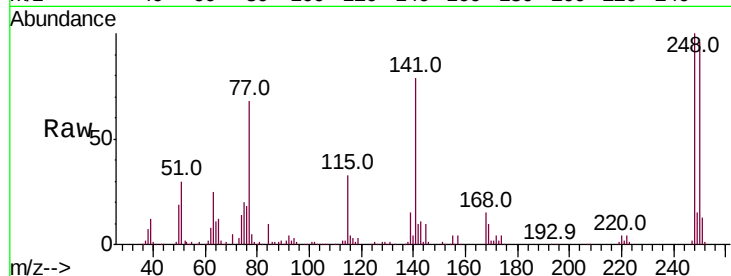




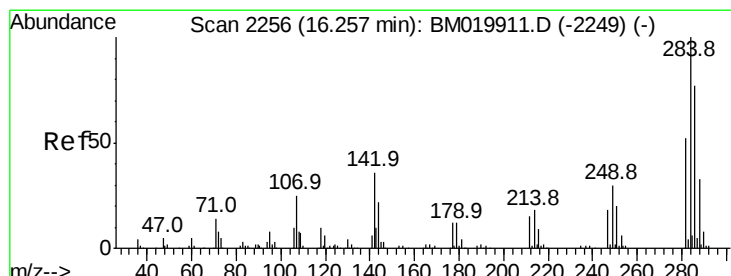
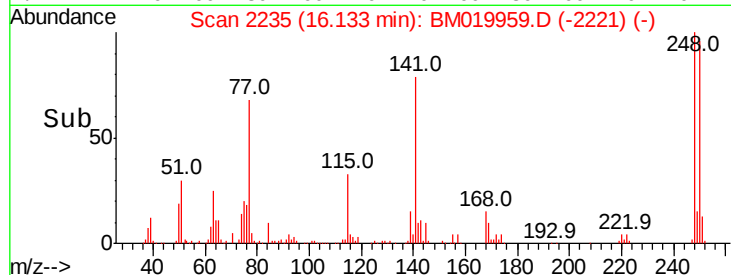
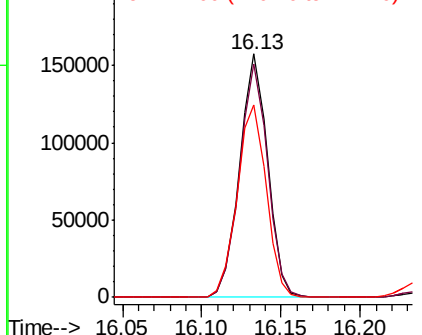
#67
 4-Bromophenyl-phenylether
 Concen: 40.577 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 193510
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.9 118.3
 141 78.9 65.6 98.4

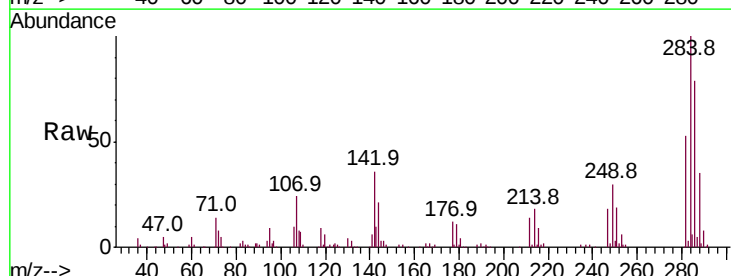


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

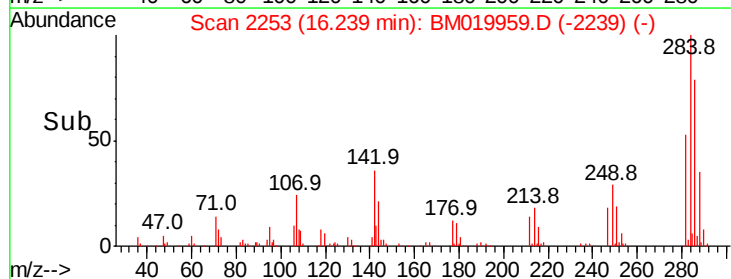
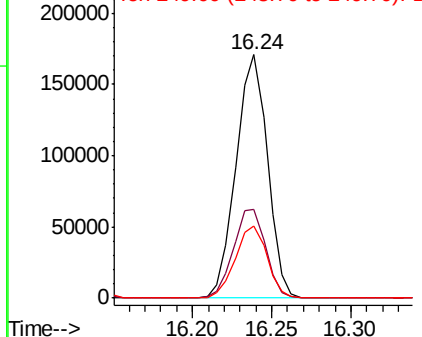


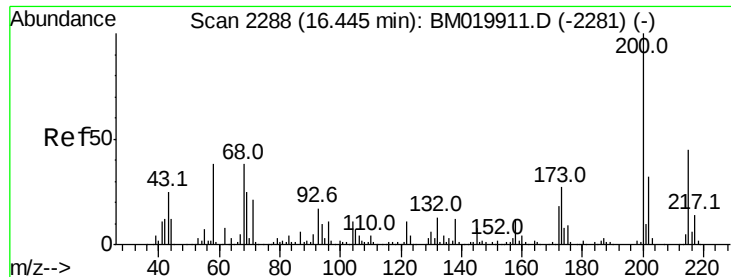
#68
 Hexachlorobenzene
 Concen: 41.177 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Tgt Ion:284 Resp: 235626
 Ion Ratio Lower Upper
 284 100
 142 36.3 28.9 43.3
 249 29.7 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: 41.312 ng

RT: 16.43 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

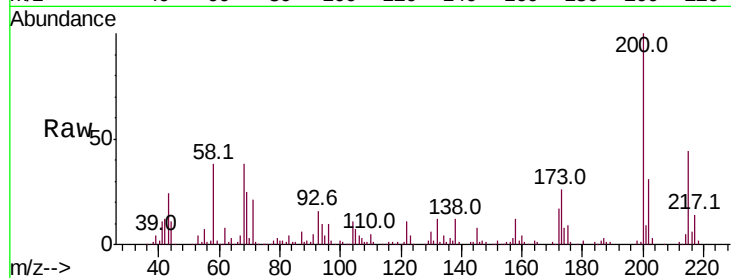
Tot Ion:200 Resp: 190183

Ion Ratio Lower Upper

200 100

173 26.3 7.2 47.2

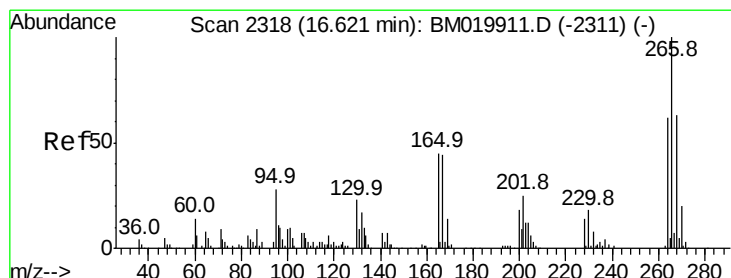
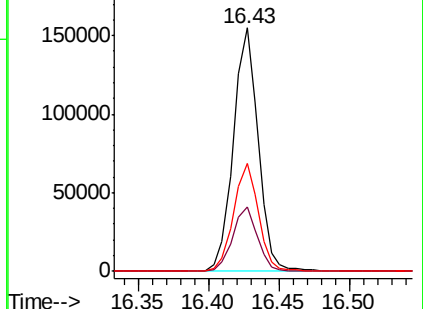
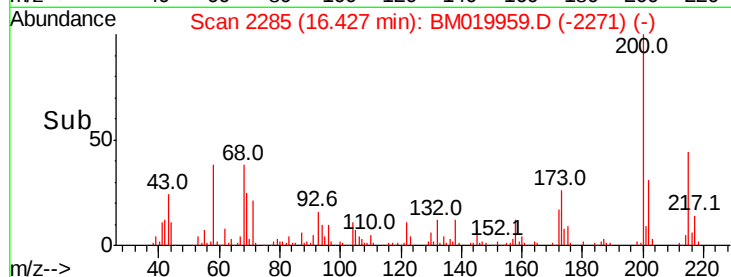
215 44.2 25.4 65.4



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: 84.543 ng

RT: 16.60 min Scan# 2315

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

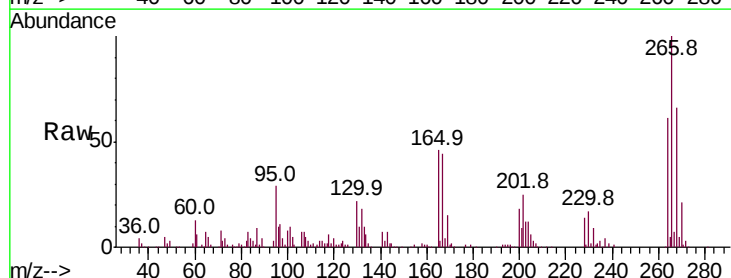
Tgt Ion:266 Resp: 247183

Ion Ratio Lower Upper

266 100

268 65.7 50.3 75.5

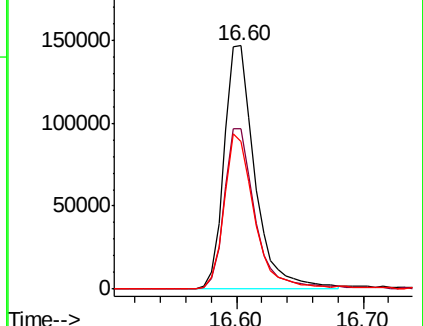
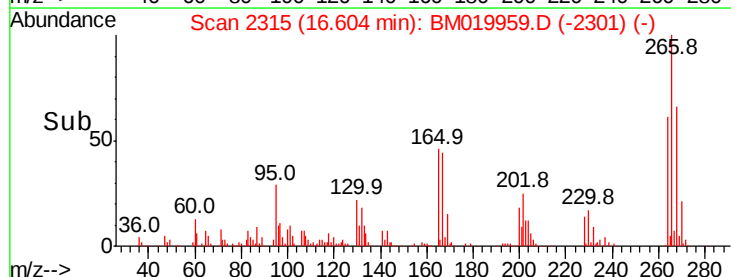
264 60.7 49.8 74.8

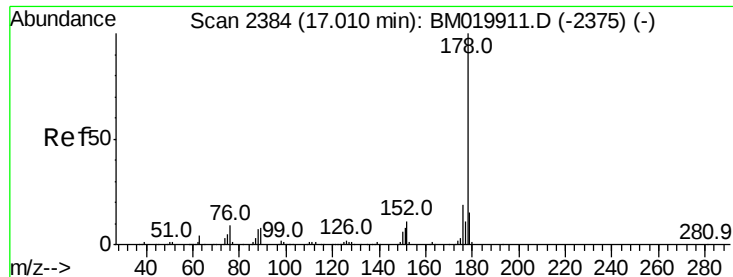


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

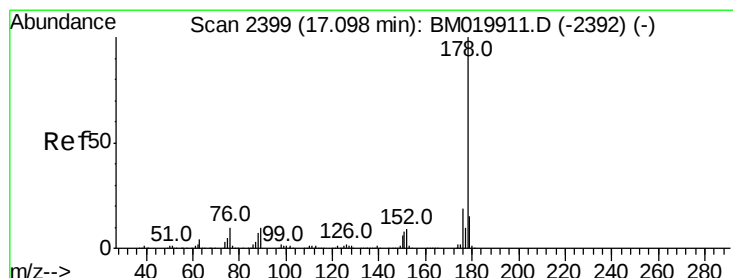
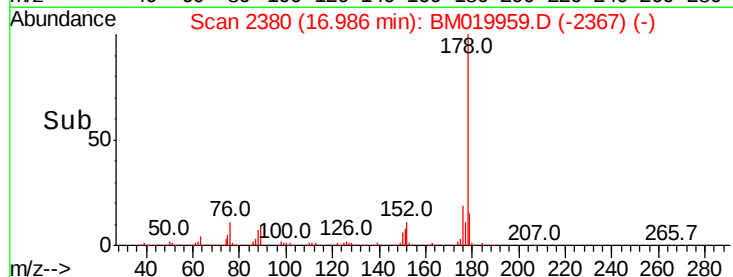
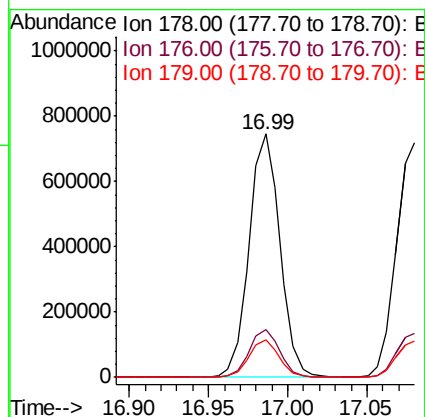
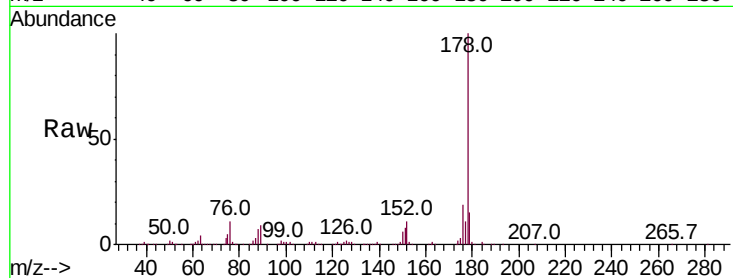




#71
Phenanthrene
Concen: 40.893 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

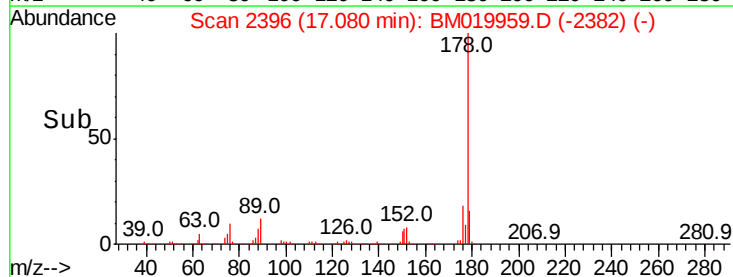
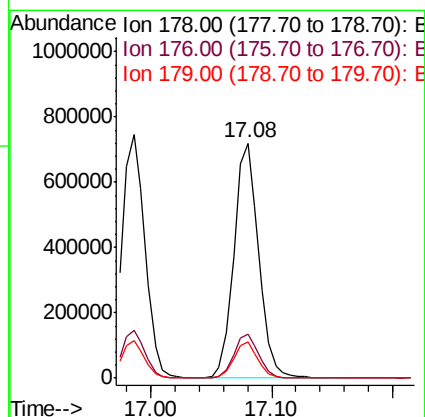
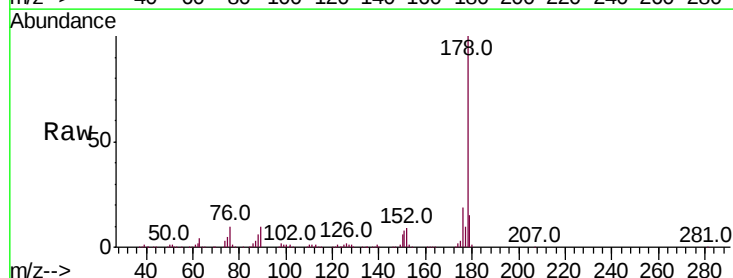
Instrument :
BNA_M
ClientSampleId :

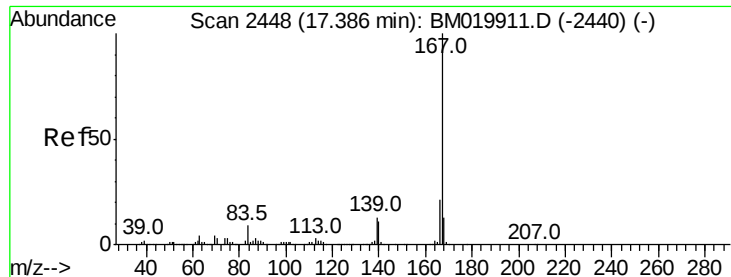
Tot Ion:178 Resp: 1006580
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 41.420 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:178 Resp: 1014909
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 12.2 18.4

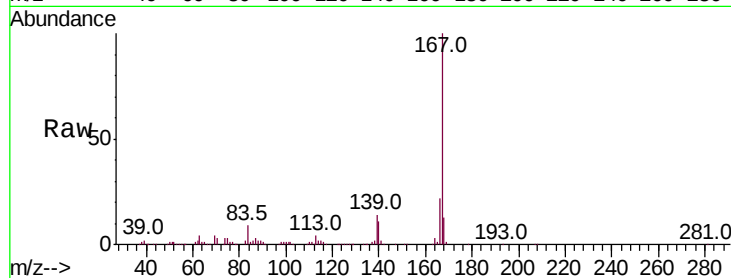




#73
 Carbazole
 Concen: 40.608 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	13.7	10.7	16.1

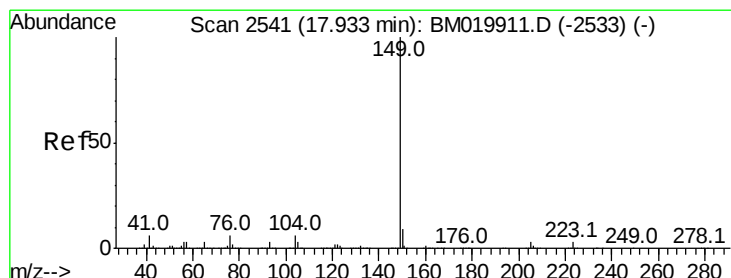
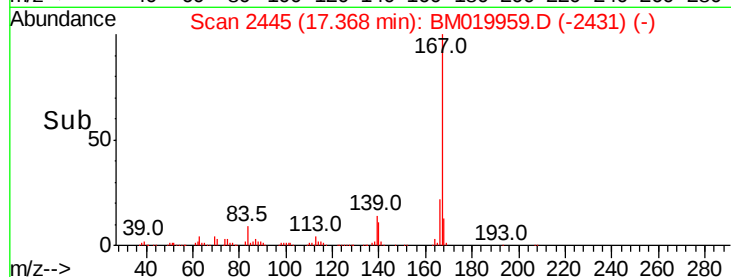
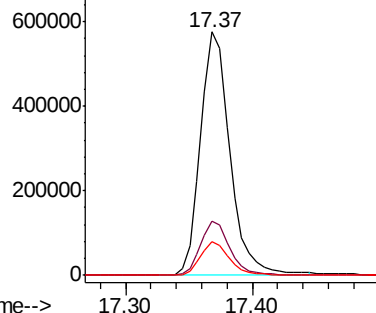


Abundance

Ion 167.00 (166.70 to 167.70): E

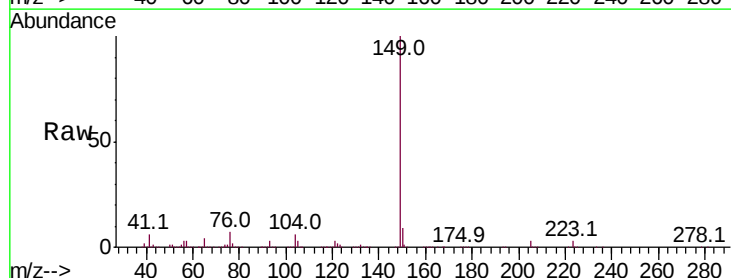
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.071 ng
 RT: 17.91 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BM019959.D
 Acq: 18 Apr 2019 18:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.9	4.6	7.0

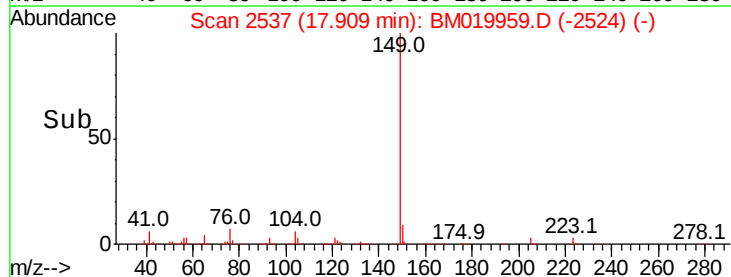
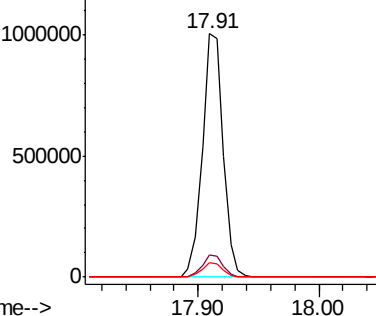


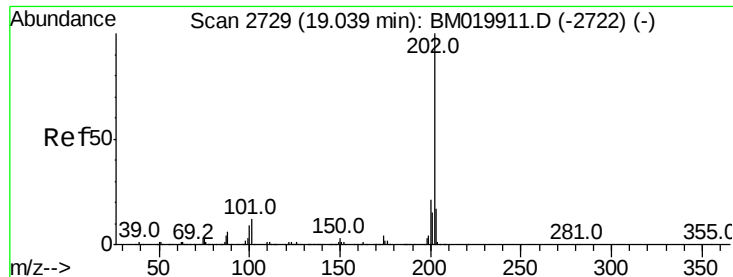
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.001 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampled :

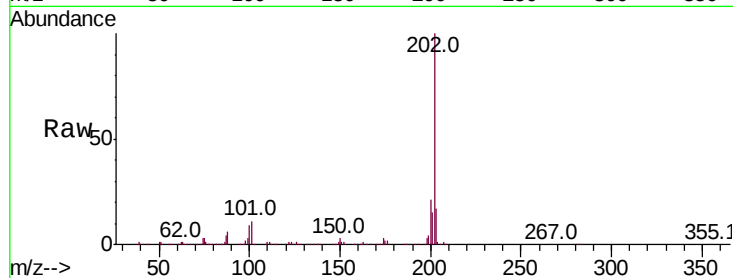
Tot Ion:202 Resp: 1161460

Ion Ratio Lower Upper

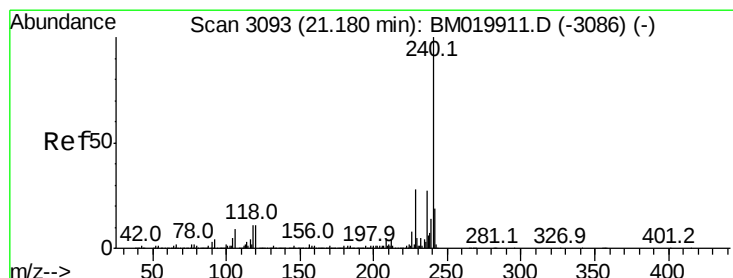
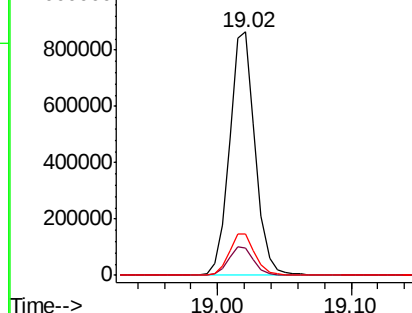
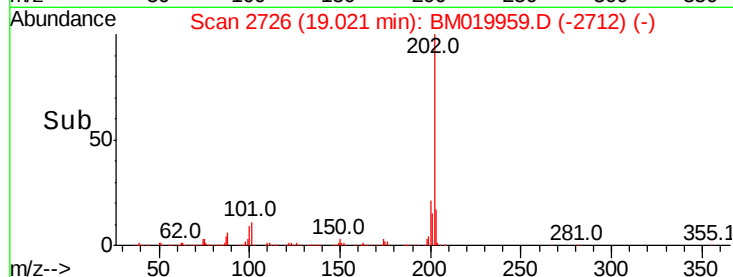
202 100

101 11.1 0.0 31.7

203 17.2 0.0 37.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

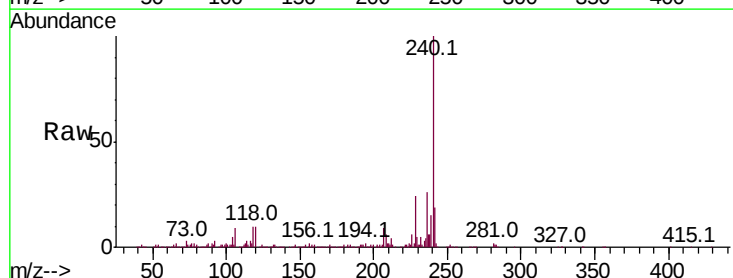
Tgt Ion:240 Resp: 477211

Ion Ratio Lower Upper

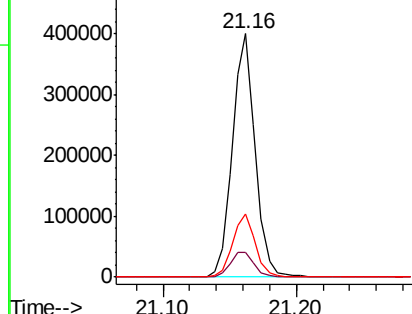
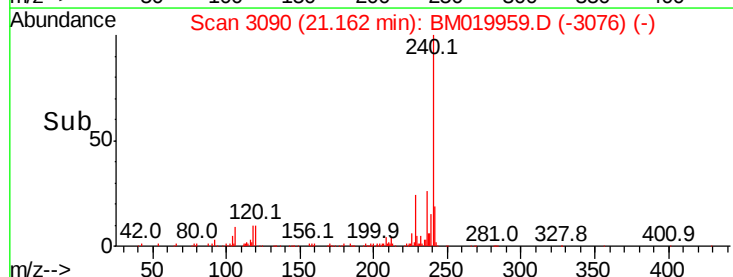
240 100

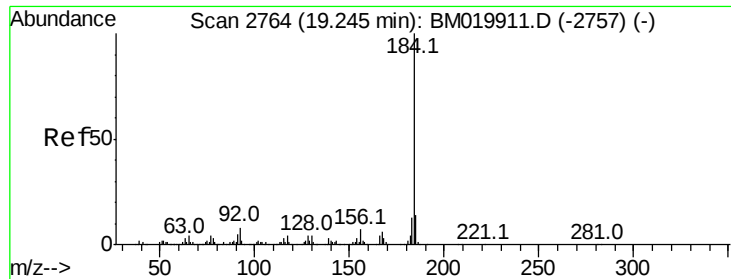
120 10.0 8.6 13.0

236 25.8 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: 25.914 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

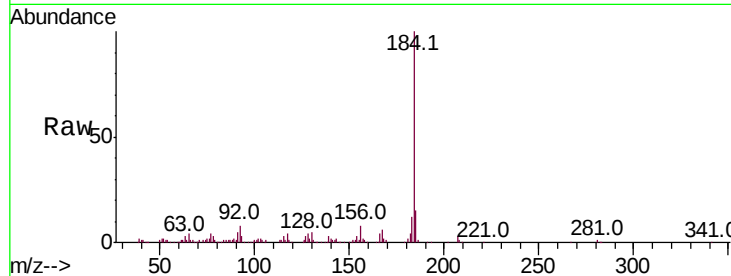
Tot Ion:184 Resp: 341212

Ion Ratio Lower Upper

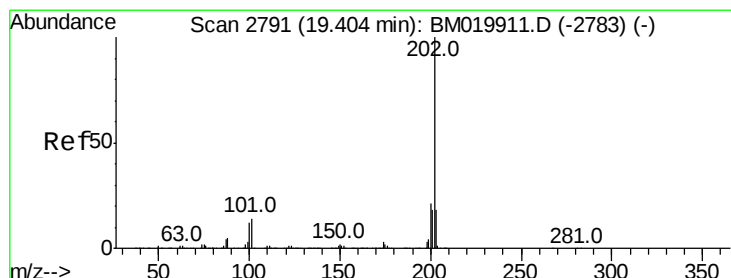
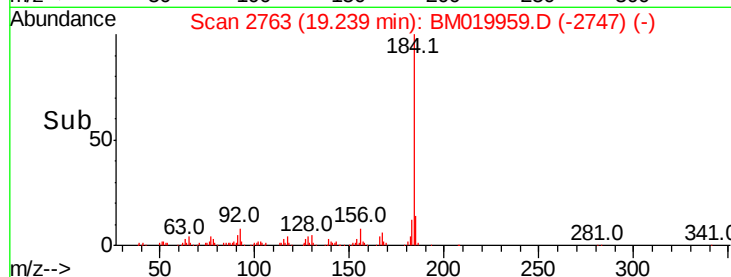
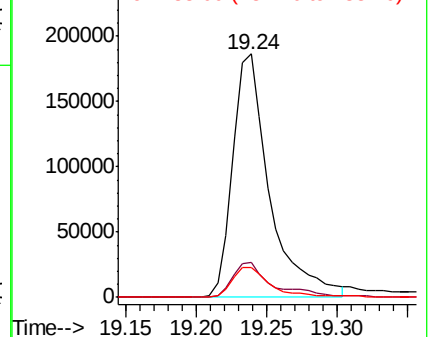
184 100

185 14.6 11.0 16.6

183 12.4 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.813 ng

RT: 19.39 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

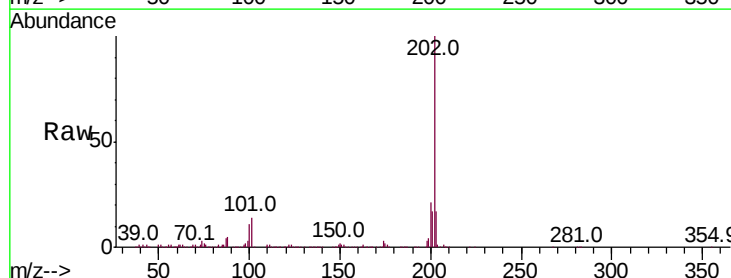
Tgt Ion:202 Resp: 1194972

Ion Ratio Lower Upper

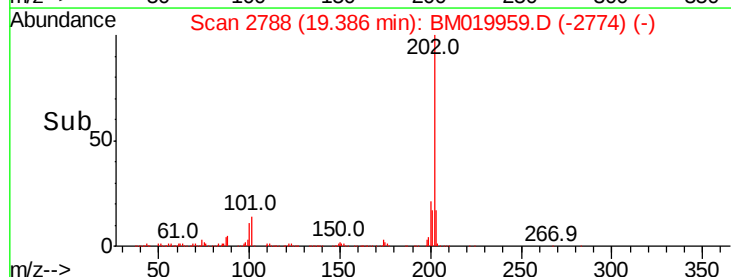
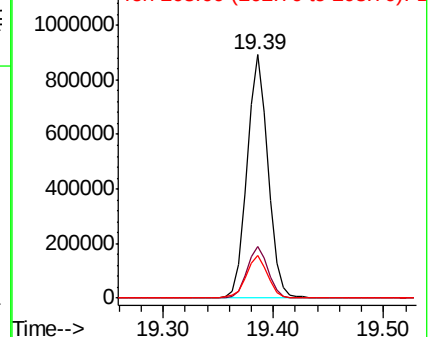
202 100

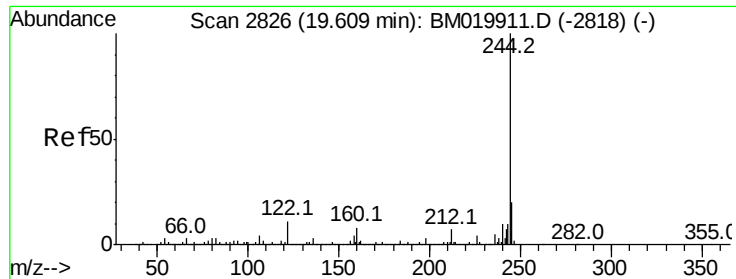
200 21.0 17.0 25.4

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: 66.642 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

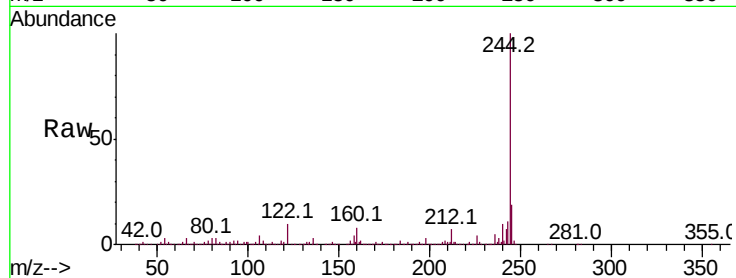
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 1803027

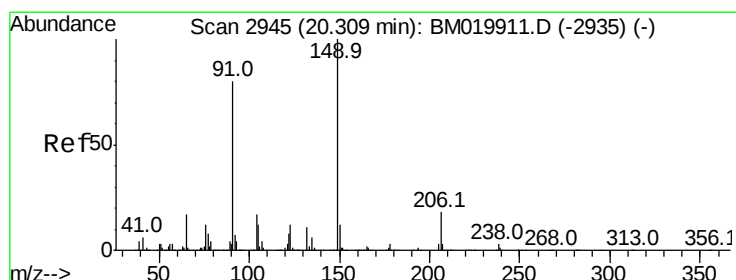
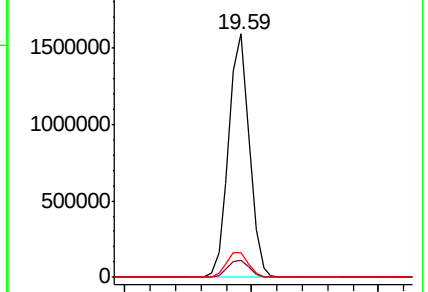
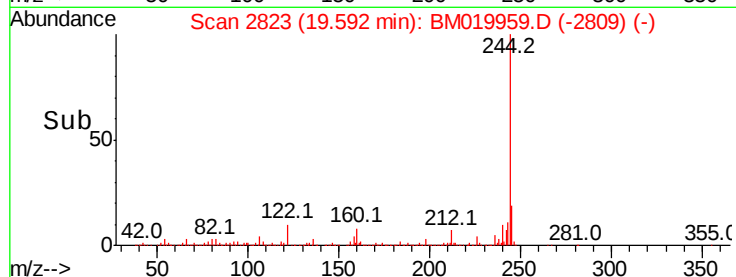
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.3	9.1	13.7



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: 38.557 ng

RT: 20.29 min Scan# 2942

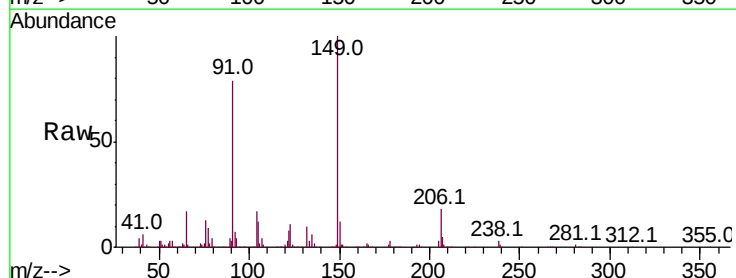
Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Tgt Ion:149 Resp: 590742

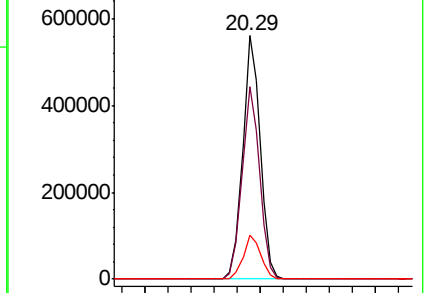
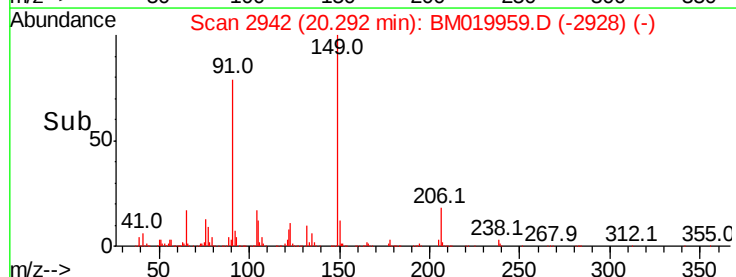
Ion	Ratio	Lower	Upper
149	100		
91	78.9	63.7	95.5
206	17.9	14.6	21.8

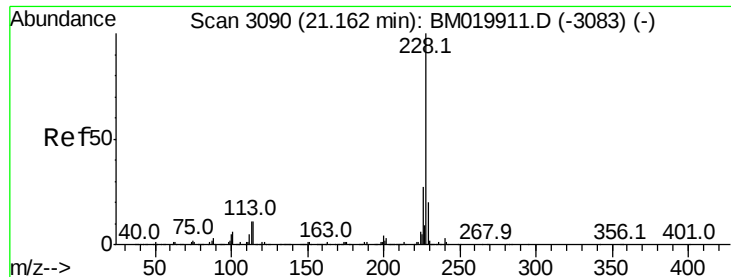


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.110 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

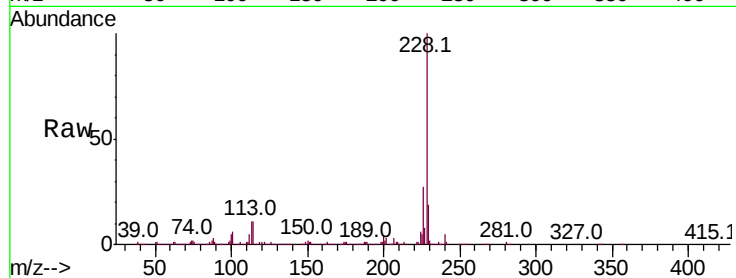
Tot Ion:228 Resp: 1182296

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.4	15.9	23.9

228 100

226 26.7 21.8 32.6

229 19.4 15.9 23.9

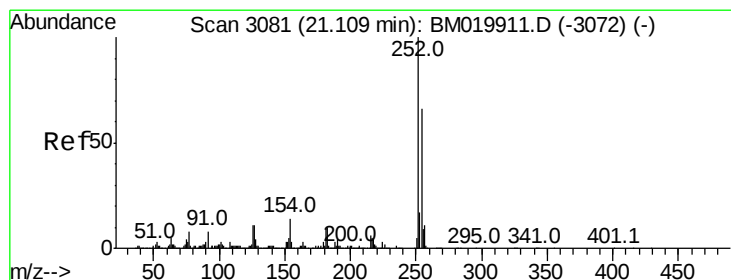
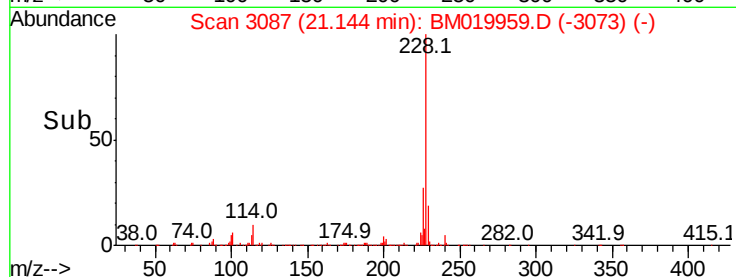
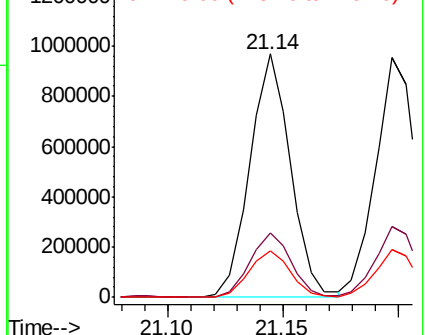


Abundance

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: 35.951 ng

RT: 21.09 min Scan# 3078

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

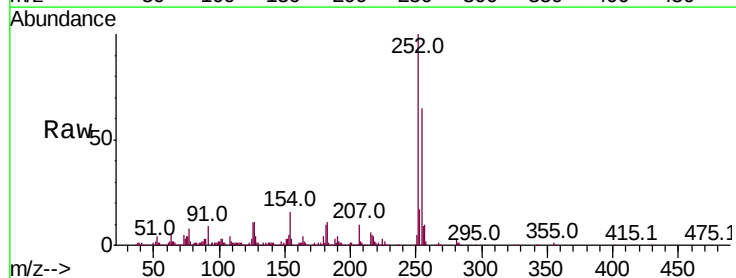
Tgt Ion:252 Resp: 404348

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.6	78.8
126	11.0	8.6	12.8

252 100

254 65.0 52.6 78.8

126 11.0 8.6 12.8

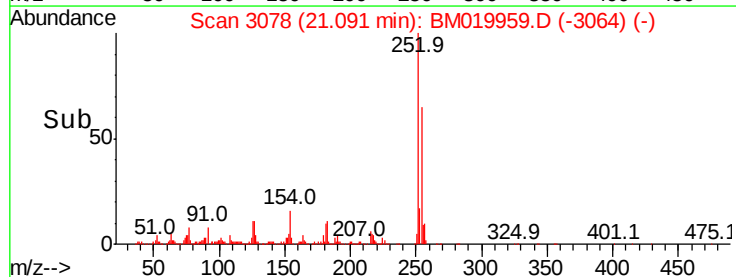
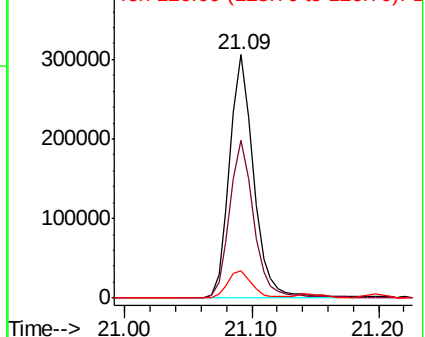


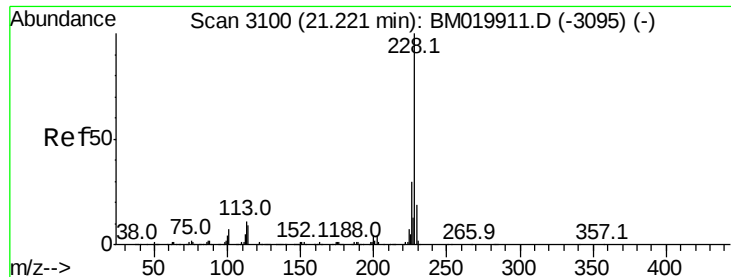
Abundance

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: 40.207 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

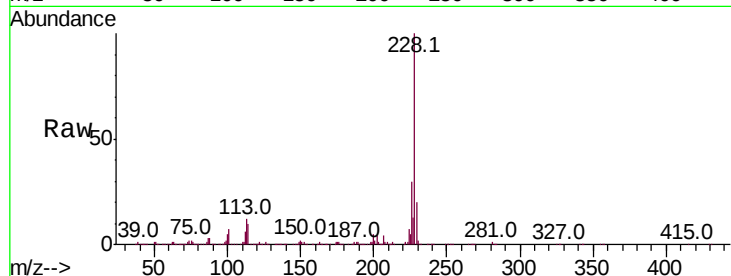
Tot Ion:228 Resp: 1165643

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

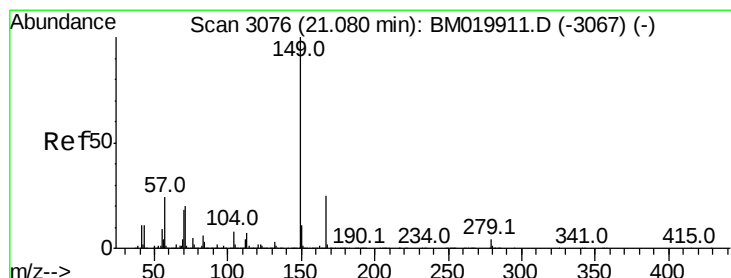
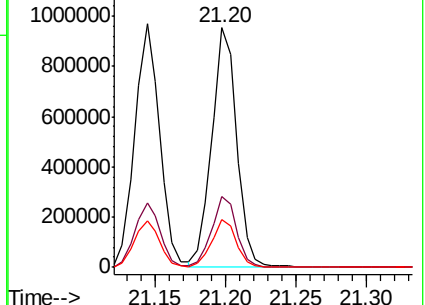
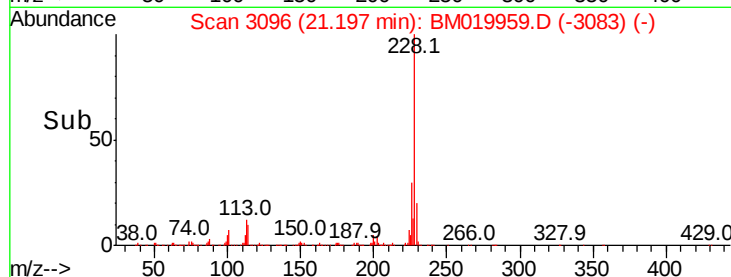
229 19.8 15.6 23.4



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: 37.413 ng

RT: 21.06 min Scan# 3073

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

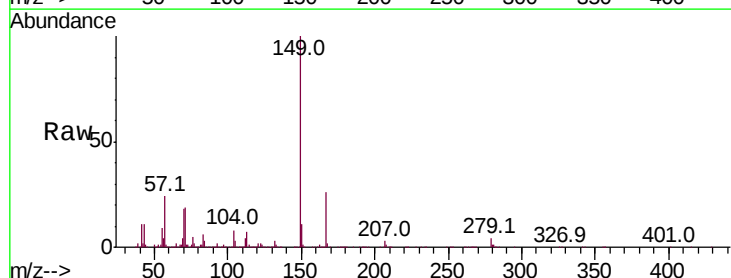
Tgt Ion:149 Resp: 853392

Ion Ratio Lower Upper

149 100

167 26.0 20.3 30.5

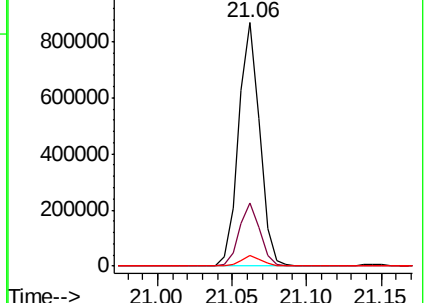
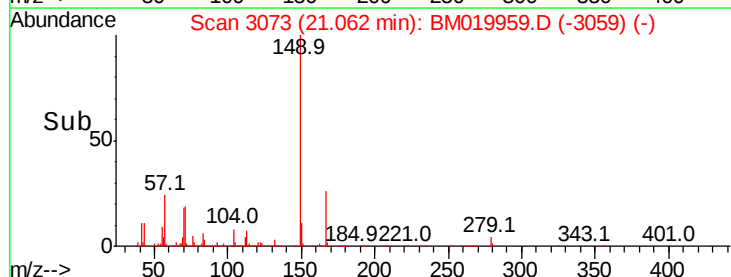
279 4.3 3.4 5.2

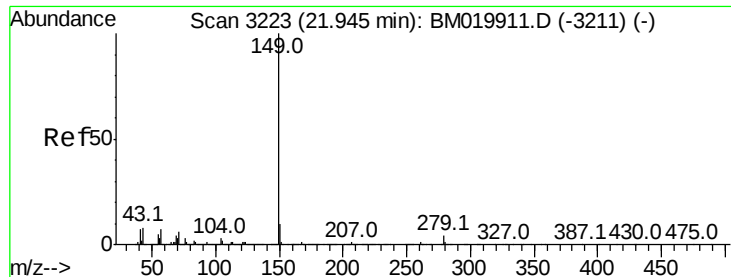


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.317 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

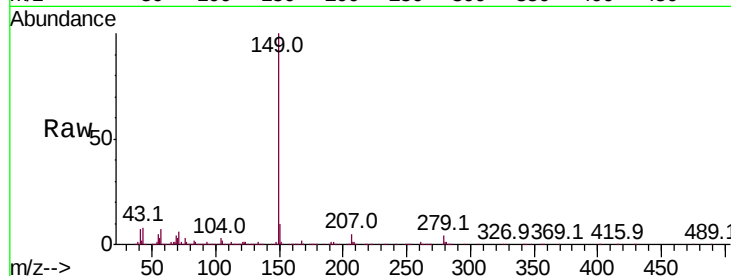
Tot Ion:149 Resp: 1529193

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

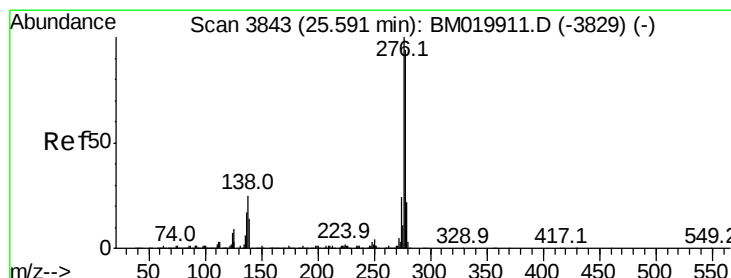
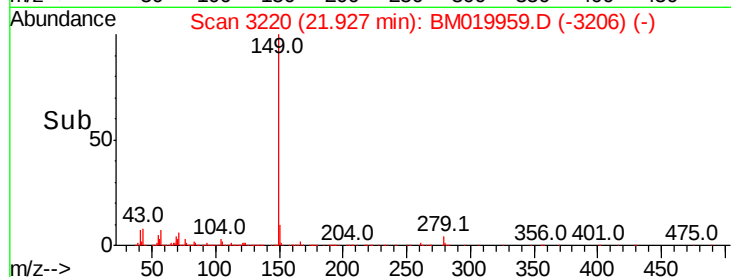
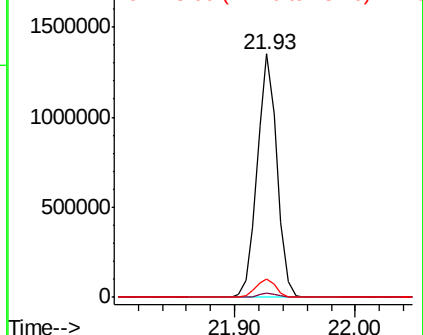
43 7.8 6.0 9.0



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.402 ng

RT: 25.55 min Scan# 3836

Delta R.T. -0.04 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

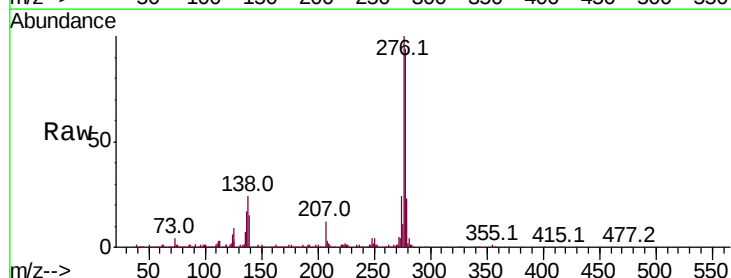
Tgt Ion:276 Resp: 1836686

Ion Ratio Lower Upper

276 100

138 24.0 19.0 28.6

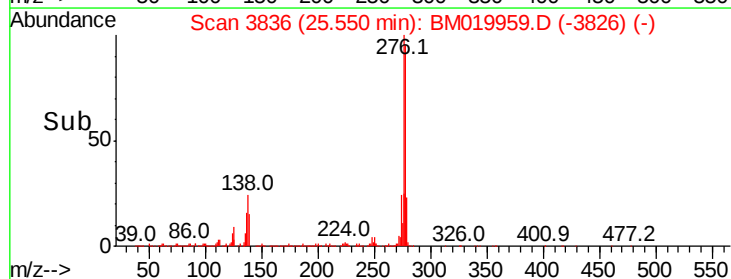
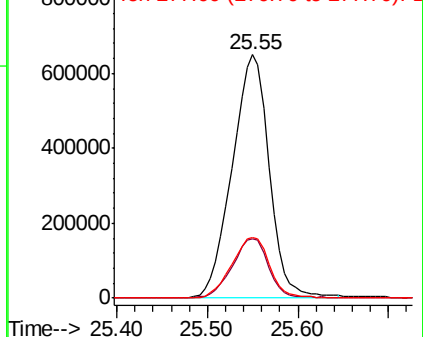
277 25.4 20.3 30.5

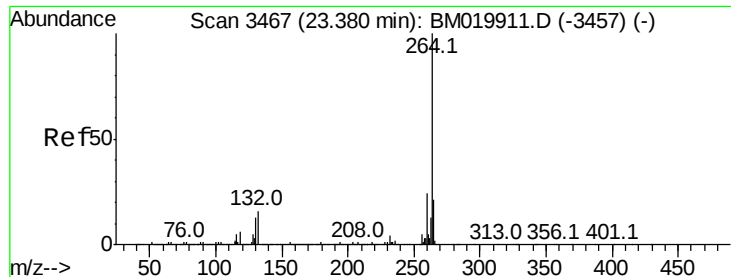


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.35 min Scan# 3462

Delta R.T. -0.03 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Instrument :

BNA_M

ClientSampleId :

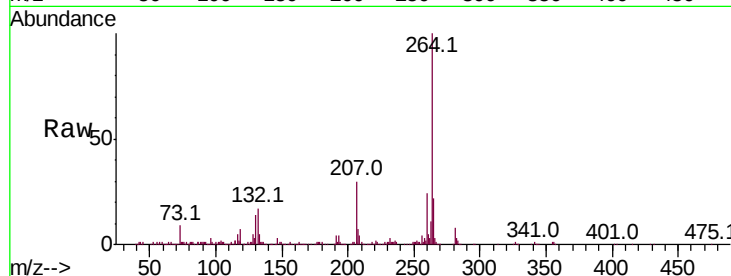
Tot Ion:264 Resp: 473873

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

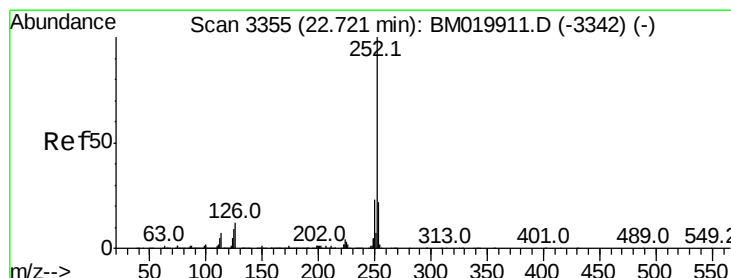
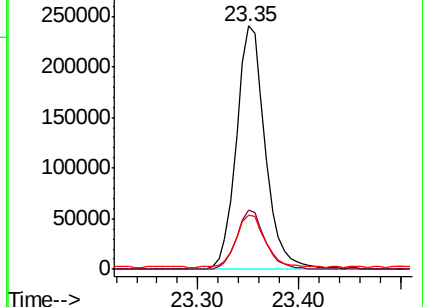
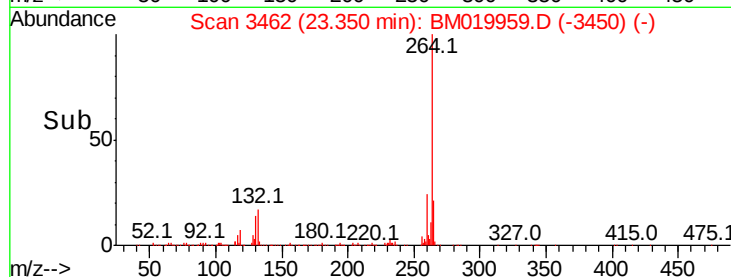
265 22.5 17.2 25.8



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: 43.996 ng

RT: 22.69 min Scan# 3350

Delta R.T. -0.03 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

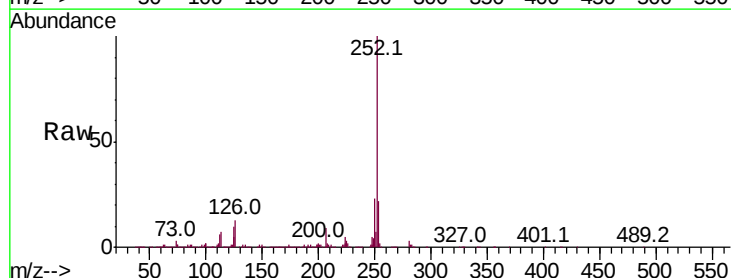
Tgt Ion:252 Resp: 1384357

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

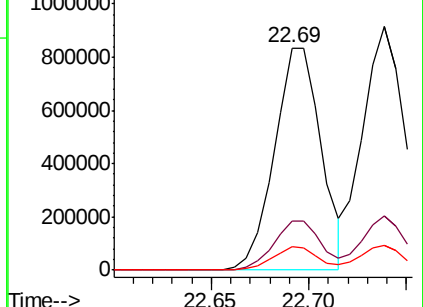
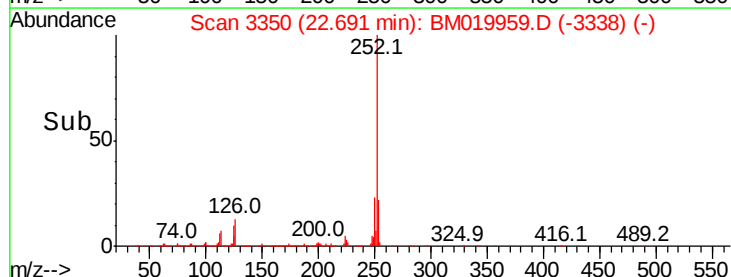
125 10.4 7.6 11.4

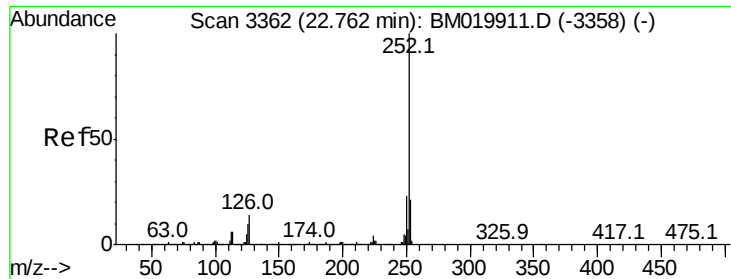


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

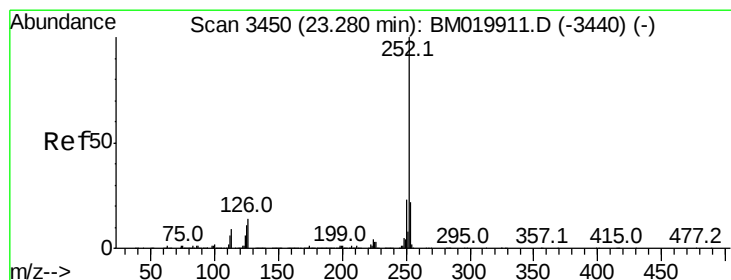
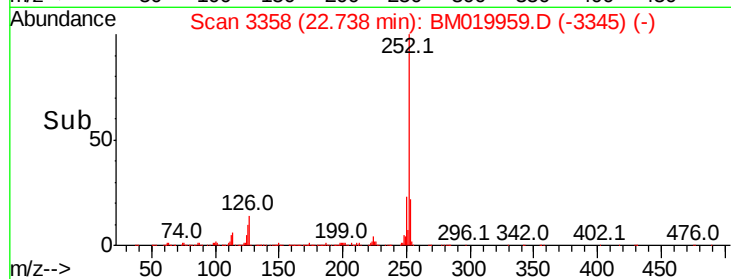
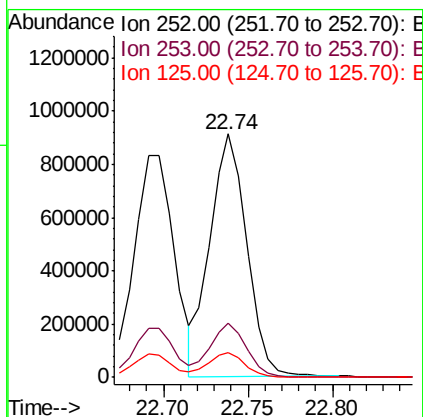
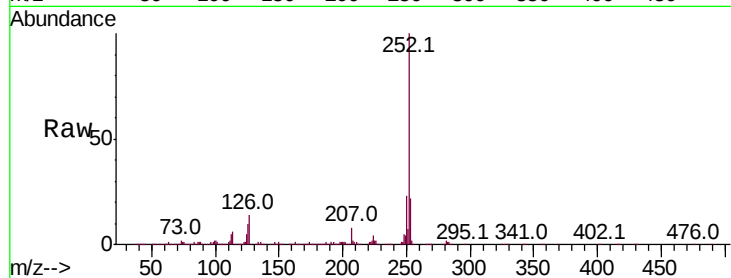




#89
Benzo(k)fluoranthene
Concen: 46.733 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

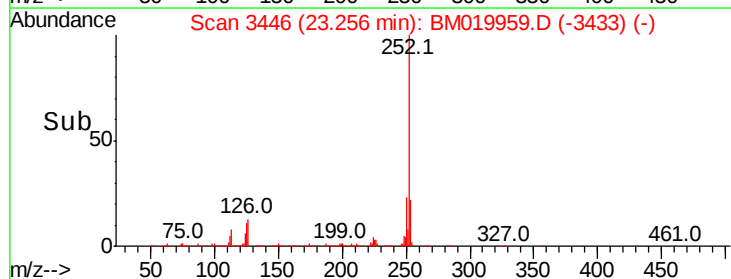
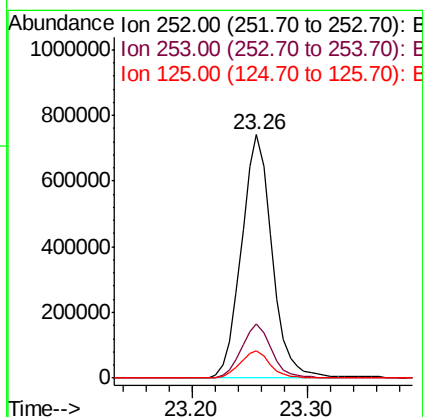
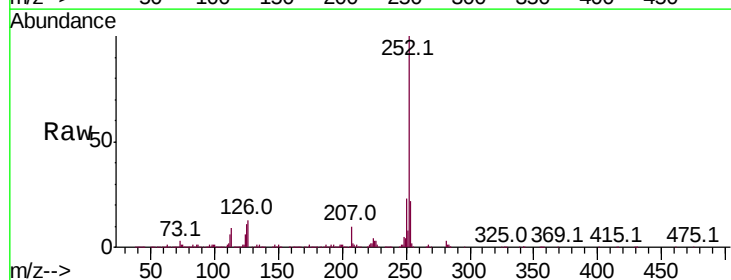
Instrument :
BNA_M
ClientSampleId :

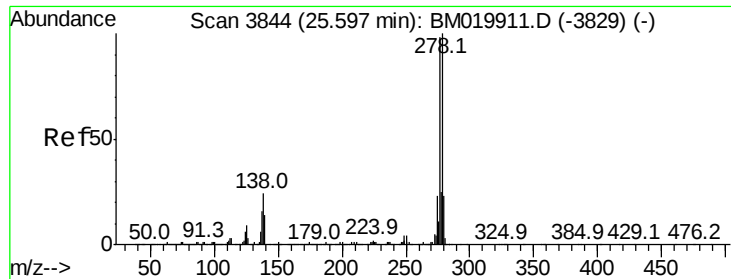
Tot Ion:252 Resp: 1384388
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 48.836 ng
RT: 23.26 min Scan# 3446
Delta R.T. -0.02 min
Lab File: BM019959.D
Acq: 18 Apr 2019 18:30

Tgt Ion:252 Resp: 1361573
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.2 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 58.698 ng

RT: 25.56 min Scan# 3837

Delta R.T. -0.04 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

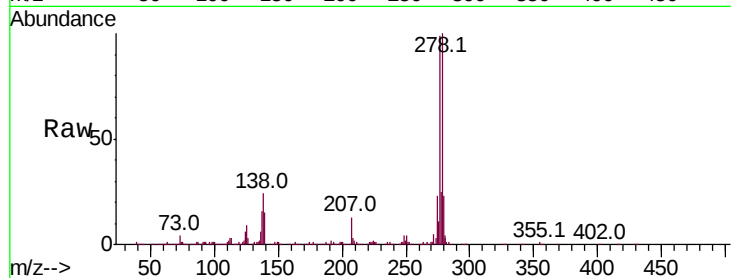
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1577835

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.6	17.4
279	22.9	18.4	27.6

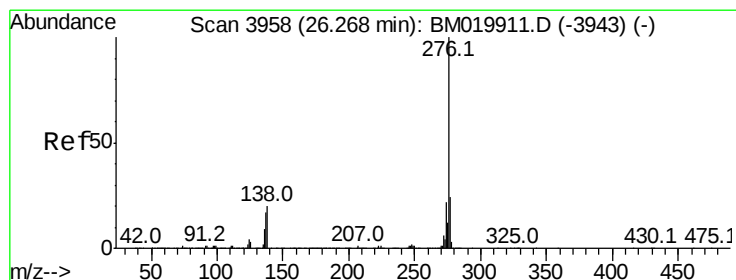
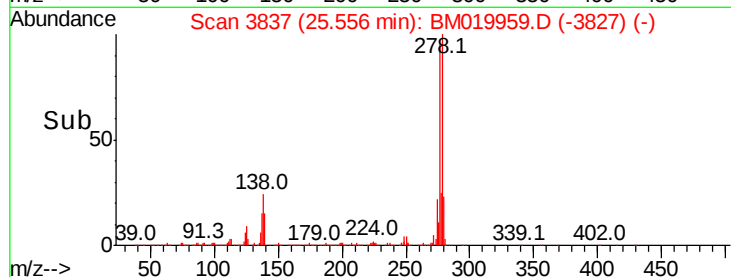
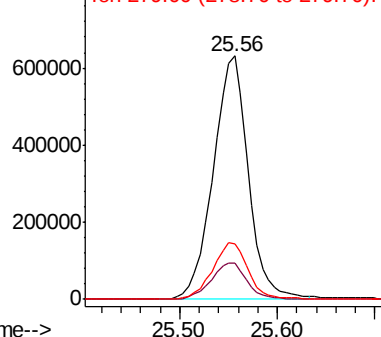


Abundance

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: 62.460 ng

RT: 26.23 min Scan# 3951

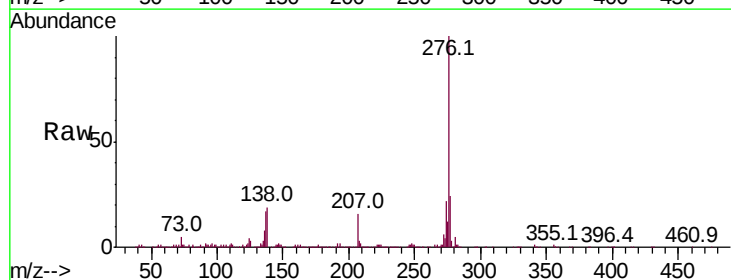
Delta R.T. -0.04 min

Lab File: BM019959.D

Acq: 18 Apr 2019 18:30

Tgt Ion:276 Resp: 1520704

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	19.0	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

