

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019954.D
 Acq On : 18 Apr 2019 15:26
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:40:07 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	102770	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	420341	20.00	ng	-0.02
39) Acenaphthene-d10	14.17	164	230691	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	495304	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	521283	20.00	ng	-0.02
87) Perylene-d12	23.35	264	600294	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	525268	82.83	ng	-0.02
7) Phenol-d6	6.71	99	706138	73.99	ng	-0.02
23) Nitrobenzene-d5	8.69	82	746171	79.39	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	269395	72.55	ng	-0.02
45) 2-Fluorobiphenyl	12.79	172	1442432	77.92	ng	-0.02
79) Terphenyl-d14	19.59	244	2215281	74.96	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	117952	43.104	ng	99
3) Pyridine	3.50	79	331352	43.237	ng	99
4) n-Nitrosodimethylamine	3.43	42	97540	39.510	ng	93
6) Aniline	6.86	93	442478	35.897	ng	99
8) 2-Chlorophenol	7.08	128	297210	37.683	ng	98
9) Benzaldehyde	6.69	77	215417	37.739	ng	98
10) Phenol	6.73	94	385216	36.944	ng	96
11) bis(2-Chloroethyl)ether	6.96	93	275701	36.139	ng	97
12) 1,3-Dichlorobenzene	7.39	146	326031	39.376	ng	98
13) 1,4-Dichlorobenzene	7.55	146	330273	39.314	ng	98
14) 1,2-Dichlorobenzene	7.86	146	317917	38.167	ng	99
15) Benzyl Alcohol	7.77	79	302470	34.863	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.05	45	256545	35.276	ng	99
17) 2-Methylphenol	7.97	107	239628	34.724	ng	98
18) Hexachloroethane	8.56	117	128161	39.247	ng	97
19) n-Nitroso-di-n-propylamine	8.32	70	270645	32.261	ng	99
20) 3+4-Methylphenols	8.30	107	322094	33.976	ng	99
22) Acetophenone	8.35	105	439940	38.427	ng	# 99
24) Nitrobenzene	8.73	77	386705	39.716	ng	99
25) Isophorone	9.24	82	657357	35.928	ng	98
26) 2-Nitrophenol	9.43	139	158546	38.210	ng	95
27) 2,4-Dimethylphenol	9.49	122	224566	38.278	ng	99
28) bis(2-Chloroethoxy)methane	9.72	93	378294	36.923	ng	98
29) 2,4-Dichlorophenol	9.96	162	255718	38.378	ng	98
30) 1,2,4-Trichlorobenzene	10.15	180	287556	40.097	ng	100
31) Naphthalene	10.34	128	870976	38.631	ng	99
32) Benzoic acid	9.67	122	164784	31.739	ng	96
33) 4-Chloroaniline	10.49	127	339591	36.562	ng	99
34) Hexachlorobutadiene	10.59	225	171731	40.602	ng	98
35) Caprolactam	11.30	113	81860	32.457	ng	99
36) 4-Chloro-3-methylphenol	11.62	107	293910	35.500	ng	99
37) 2-Methylnaphthalene	11.96	142	597413	36.396	ng	99
38) 1-Methylnaphthalene	12.19	142	586658	36.198	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	289486	40.677	ng	100

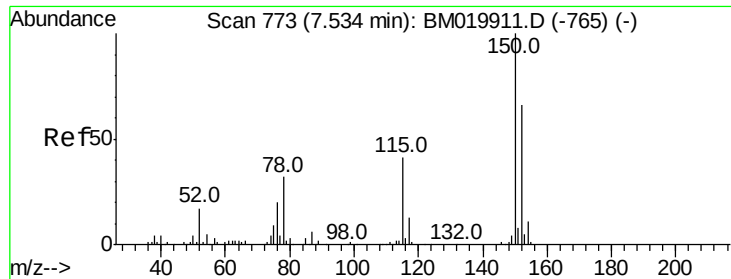
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019954.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	94478	43.694	ng	99
43) 2,4,6-Trichlorophenol	12.60	196	187144	38.787	ng	99
44) 2,4,5-Trichlorophenol	12.69	196	195887	39.008	ng	98
46) 1,1'-Biphenyl	13.00	154	784180	39.247	ng	100
47) 2-Chloronaphthalene	13.05	162	597332	39.193	ng	99
48) 2-Nitroaniline	13.29	65	212021	38.594	ng	98
49) Acenaphthylene	13.90	152	1012262	38.173	ng	100
50) Dimethylphthalate	13.65	163	763594	37.526	ng	99
51) 2,6-Dinitrotoluene	13.79	165	168444	37.435	ng	93
52) Acenaphthene	14.25	154	566729	38.545	ng	99
53) 3-Nitroaniline	14.13	138	166142	36.978	ng	99
54) 2,4-Dinitrophenol	14.37	184	78835	34.075	ng	98
55) Dibenzofuran	14.59	168	916509	38.119	ng	99
56) 4-Nitrophenol	14.48	139	99013	31.742	ng	98
57) 2,4-Dinitrotoluene	14.60	165	236265	36.529	ng	98
58) Fluorene	15.24	166	749919	36.809	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.82	232	171337	37.393	ng	99
60) Diethylphthalate	15.02	149	784715	37.079	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	361663	36.870	ng	96
62) 4-Nitroaniline	15.32	138	157991	35.690	ng	97
63) Azobenzene	15.53	77	864309	38.211	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	115788	36.639	ng	96
66) n-Nitrosodiphenylamine	15.46	169	621451	38.378	ng	99
67) 4-Bromophenyl-phenylether	16.13	248	215963	37.925	ng	98
68) Hexachlorobenzene	16.24	284	261914	38.332	ng	99
69) Atrazine	16.43	200	191298	34.800	ng	99
70) Pentachlorophenol	16.60	266	127304	36.464	ng	99
71) Phenanthrene	16.99	178	1128428	38.391	ng	99
72) Anthracene	17.08	178	1114206	38.082	ng	99
73) Carbazole	17.37	167	1056010	38.657	ng	99
74) Di-n-butylphthalate	17.91	149	1351952	37.685	ng	99
75) Fluoranthene	19.02	202	1291219	38.173	ng	100
77) Benzidine	19.24	184	498479	34.658	ng	99
78) Pyrene	19.39	202	1345152	38.966	ng	100
80) Butylbenzylphthalate	20.30	149	645682	38.580	ng	96
81) Benzo(a)anthracene	21.14	228	1339949	40.578	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	520524	42.367	ng	100
83) Chrysene	21.20	228	1300554	41.068	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	942089	37.810	ng	100
85) Di-n-octyl phthalate	21.93	149	1643828	40.659	ng	100
86) Indeno(1,2,3-cd)pyrene	25.55	276	1821704	58.476	ng	100
88) Benzo(b)fluoranthene	22.70	252	1420059	35.626	ng	99
89) Benzo(k)fluoranthene	22.74	252	1383875	36.878	ng	100
90) Benzo(a)pyrene	23.26	252	1348297	38.175	ng	98
91) Dibenzo(a,h)anthracene	25.56	278	1530261	44.939	ng	100
92) Benzo(g,h,i)perylene	26.23	276	1447990	46.949	ng	99

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

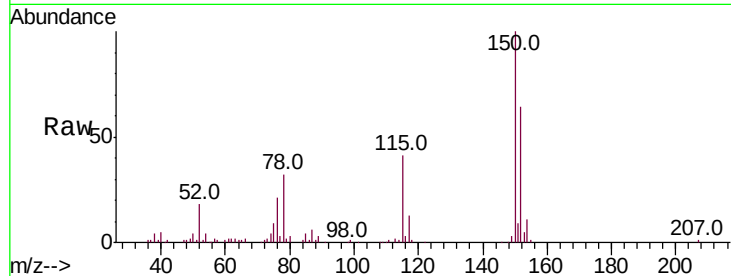


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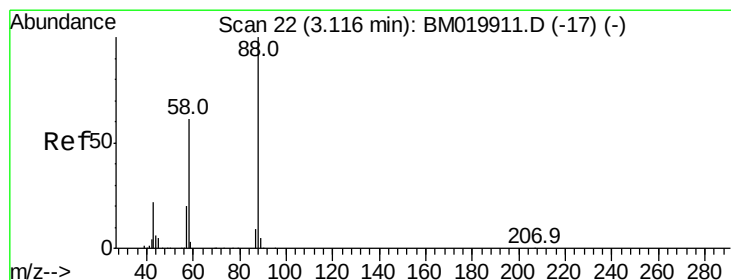
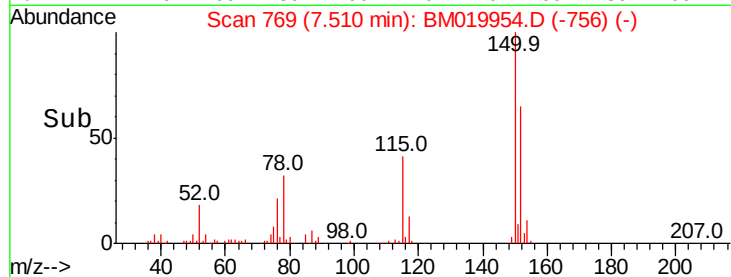
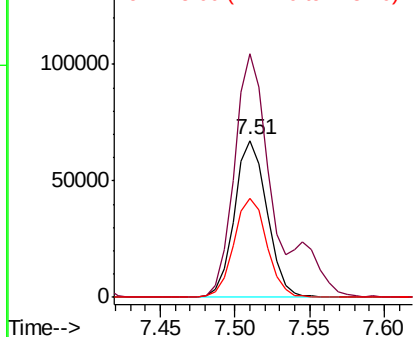
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 102770
Ion Ratio Lower Upper
152 100
150 155.5 122.1 183.1
115 63.5 50.0 75.0



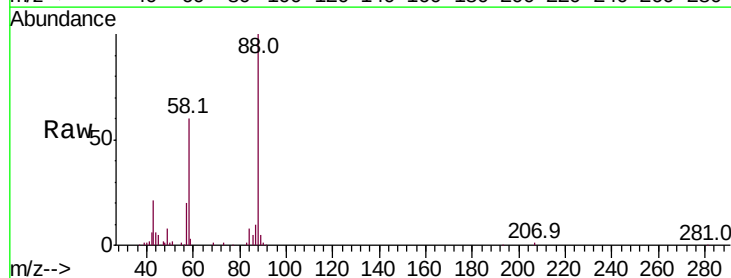
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



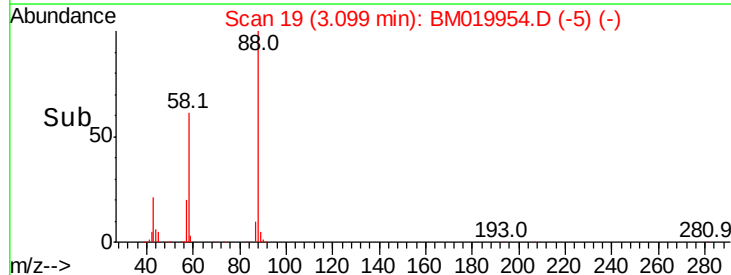
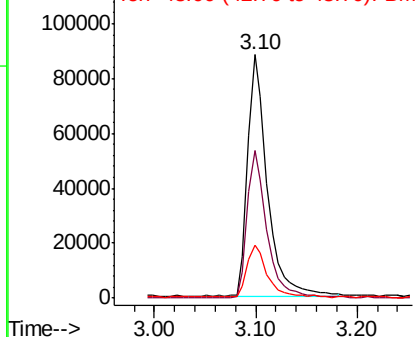
#2

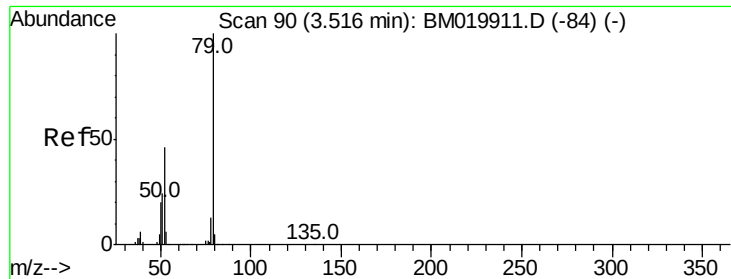
1,4-Dioxane
Concen: 43.104 ng
RT: 3.10 min Scan# 19
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion: 88 Resp: 117952
Ion Ratio Lower Upper
88 100
58 61.9 49.6 74.4
43 22.2 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: 43.237 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

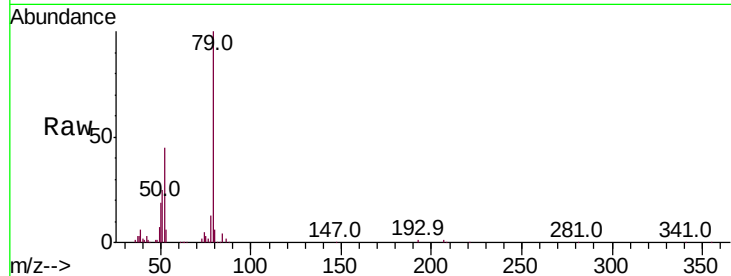
Tot Ion: 79 Resp: 331352

Ion Ratio Lower Upper

79 100

52 44.9 36.9 55.3

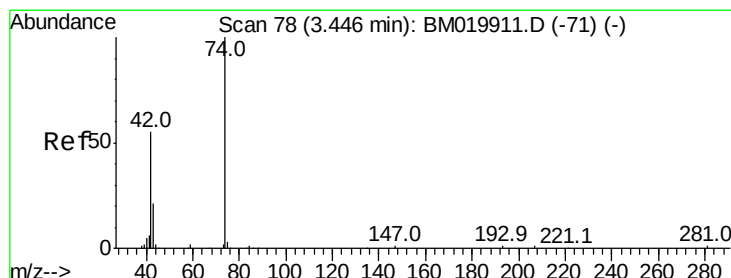
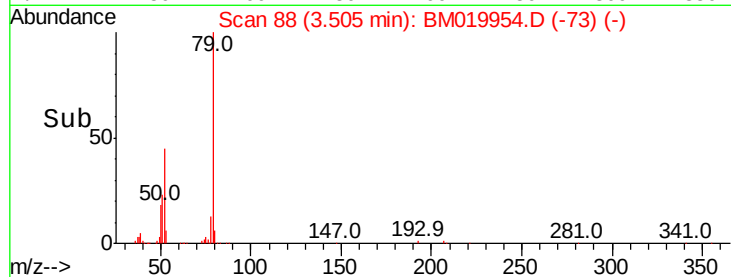
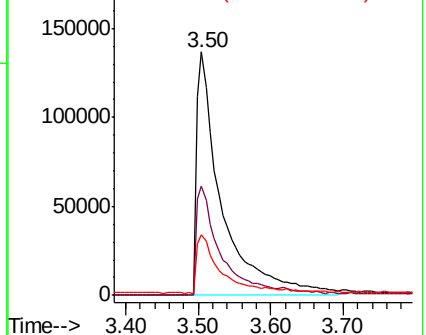
51 24.7 20.0 30.0



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

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

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



#4

n-Nitrosodimethylamine

Concen: 39.510 ng

RT: 3.43 min Scan# 75

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

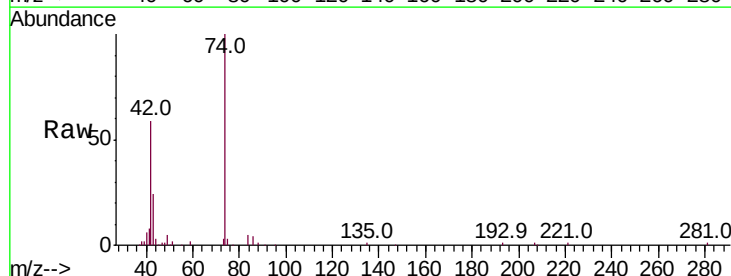
Tgt Ion: 42 Resp: 97540

Ion Ratio Lower Upper

42 100

74 170.9 144.6 217.0

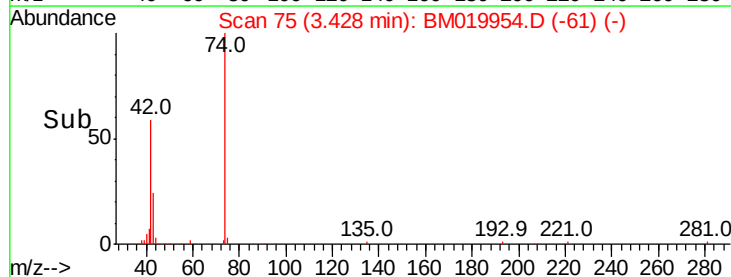
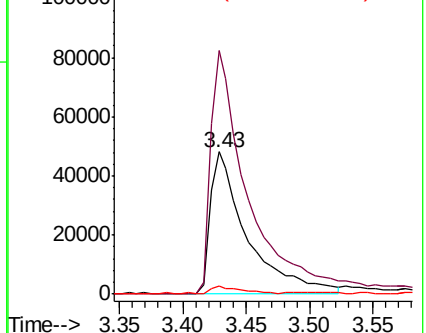
44 5.5 5.4 8.2

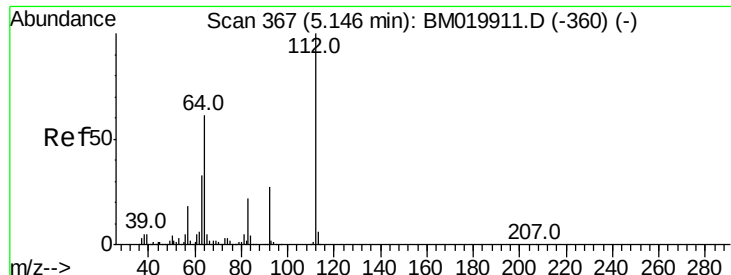


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

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: 82.833 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

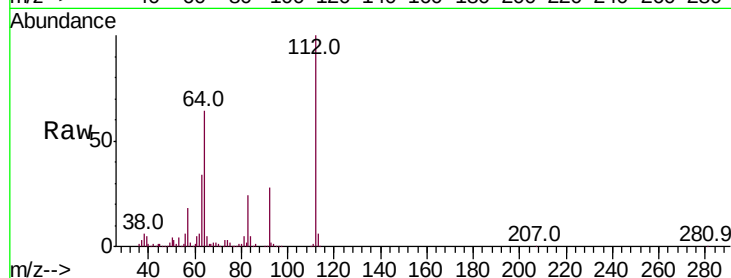
Tot Ion:112 Resp: 525268

Ion Ratio Lower Upper

112 100

64 63.5 49.1 73.7

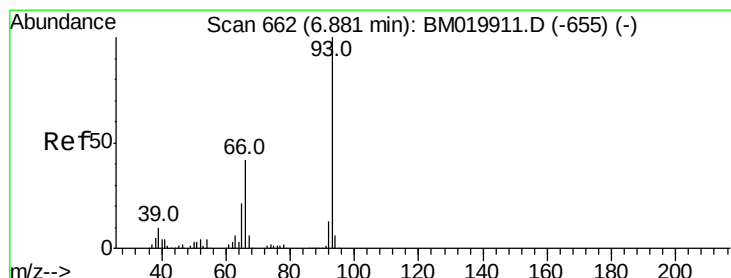
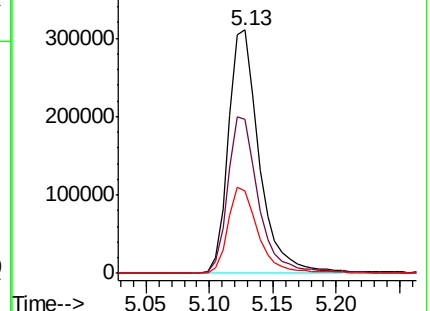
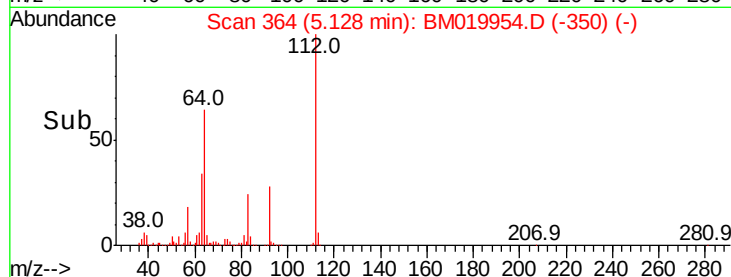
63 33.7 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 35.897 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

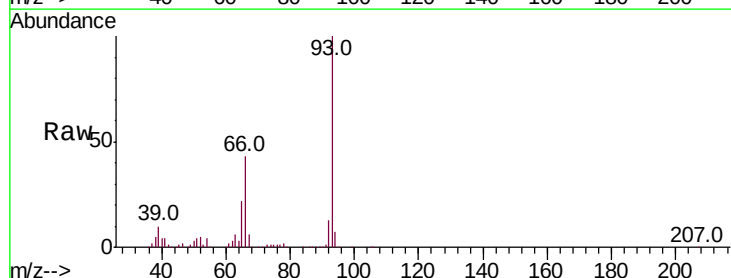
Tgt Ion: 93 Resp: 442478

Ion Ratio Lower Upper

93 100

66 42.6 33.9 50.9

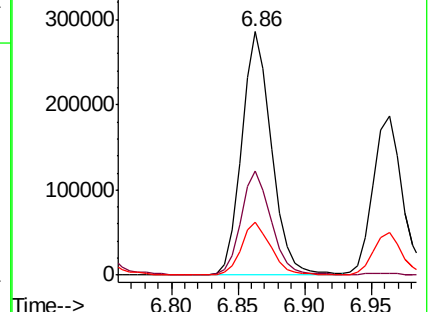
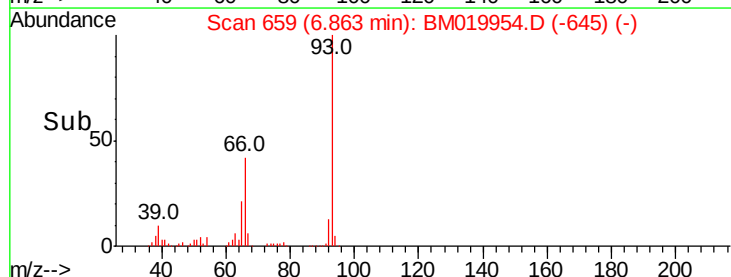
65 21.8 17.0 25.6

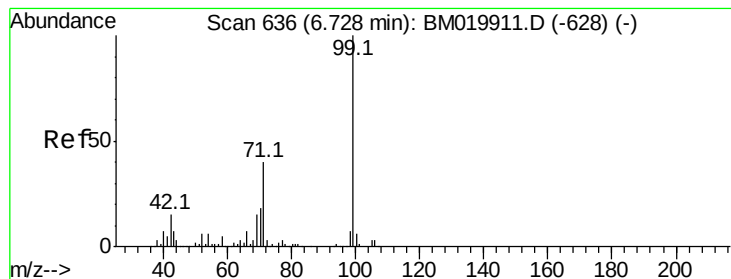


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 73.991 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

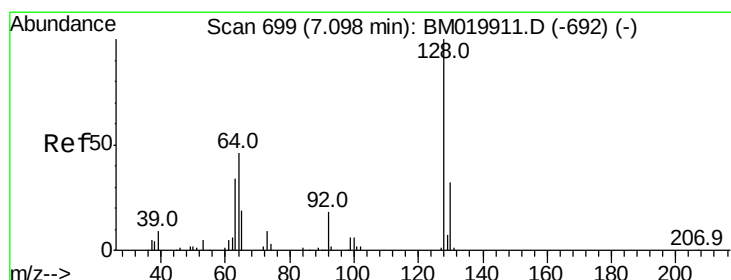
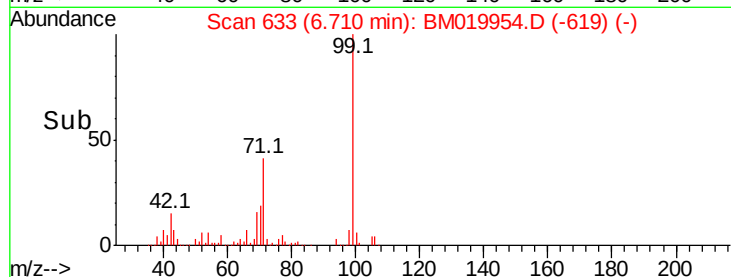
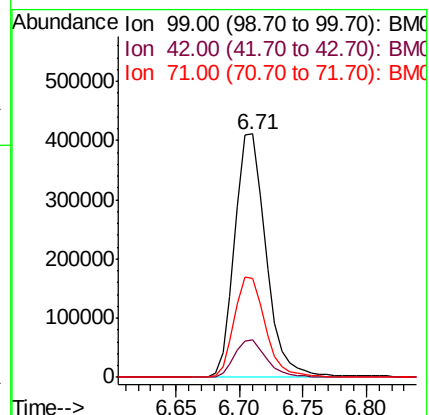
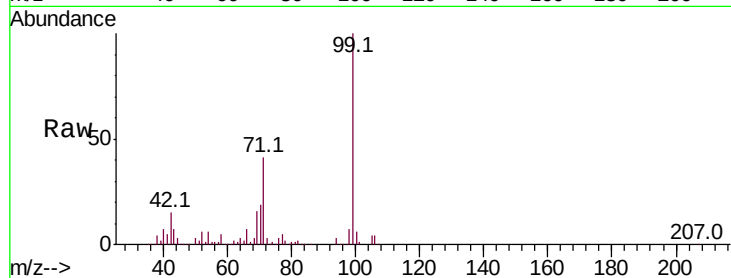
Tot Ion: 99 Resp: 706138

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.8

71 40.7 32.0 48.0



#8

2-Chlorophenol

Concen: 37.683 ng

RT: 7.08 min Scan# 696

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

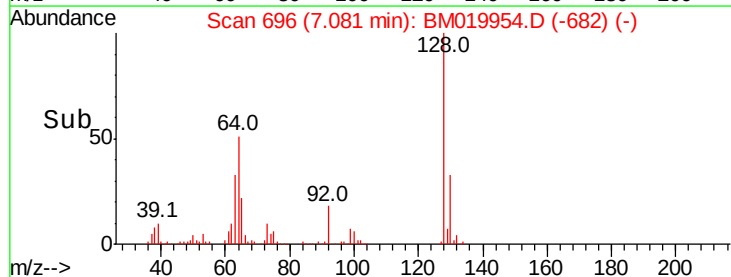
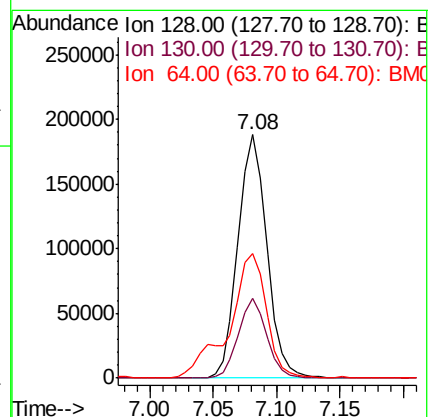
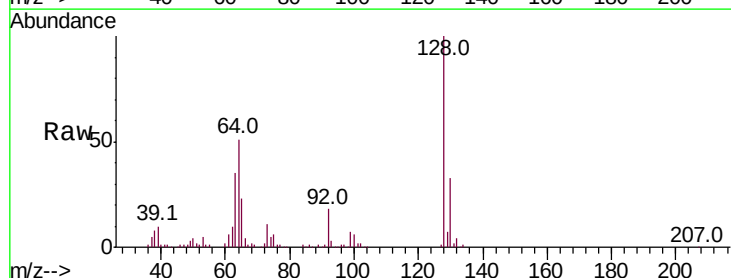
Tgt Ion: 128 Resp: 297210

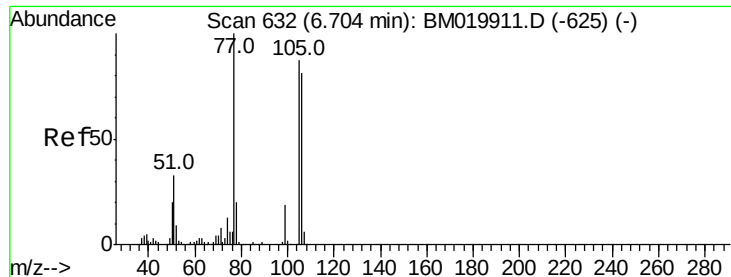
Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 51.1 33.0 73.0





#9

Benzaldehyde

Concen: 37.739 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

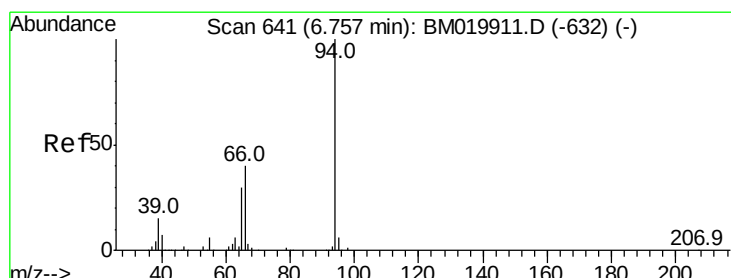
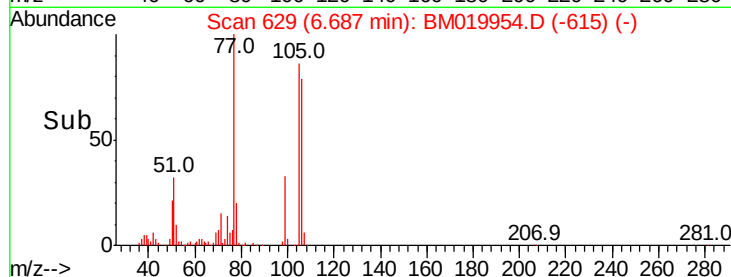
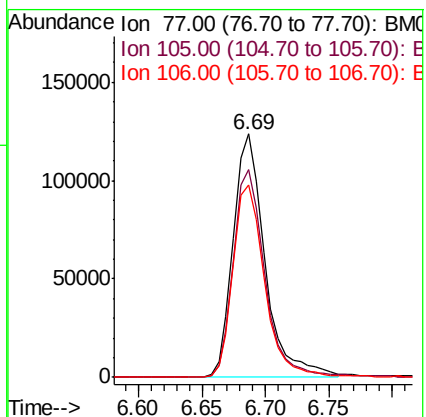
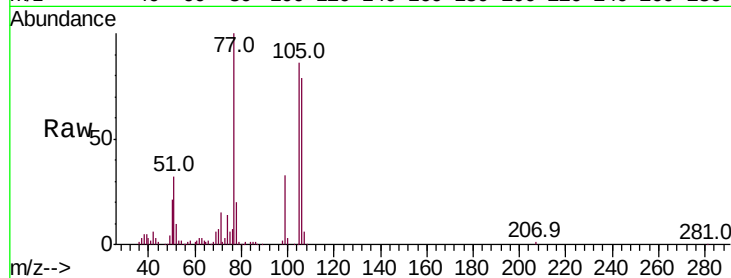
Tot Ion: 77 Resp: 215417

Ion Ratio Lower Upper

77 100

105 85.5 67.3 107.3

106 79.1 60.6 100.6



#10

Phenol

Concen: 36.944 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

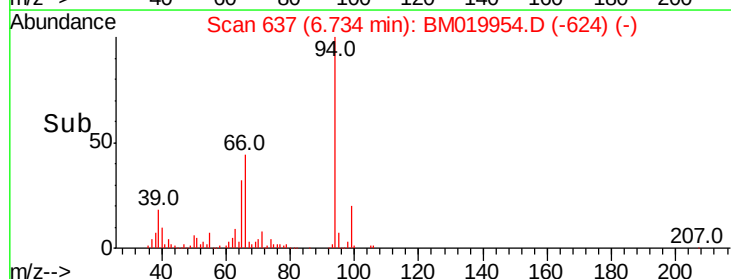
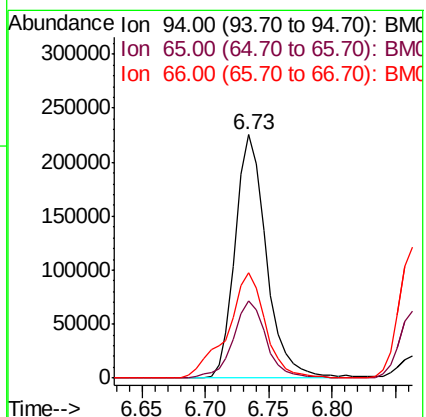
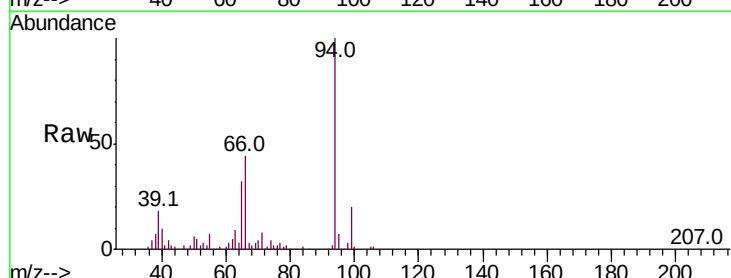
Tgt Ion: 94 Resp: 385216

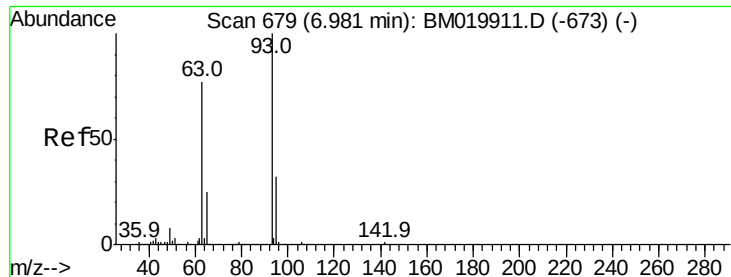
Ion Ratio Lower Upper

94 100

65 31.8 10.0 50.0

66 43.5 20.2 60.2





#11

bis(2-Chloroethyl)ether

Concen: 36.139 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

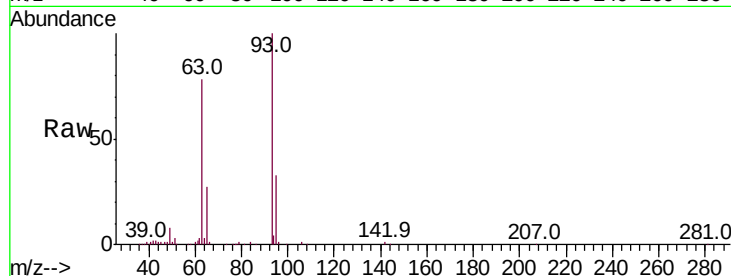
Tot Ion: 93 Resp: 275701

Ion Ratio Lower Upper

93 100

63 78.4 55.8 95.8

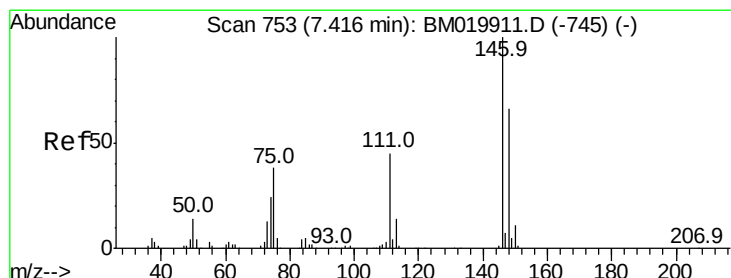
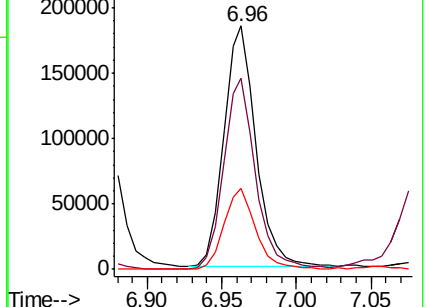
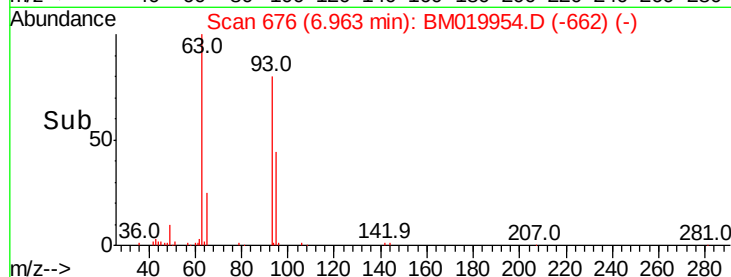
95 33.3 11.6 51.6



Abundance Ion 93.00 (92.70 to 93.70): BM019911.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BM019911.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM019911.D (-673) (-)



#12

1,3-Dichlorobenzene

Concen: 39.376 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

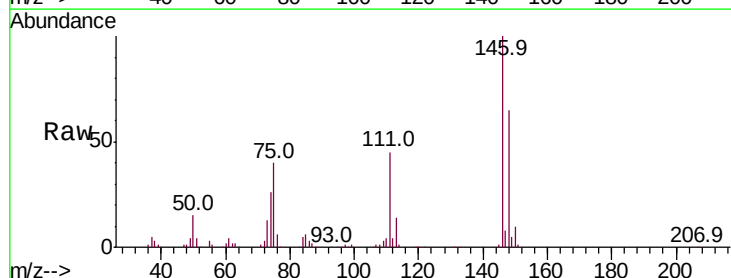
Tgt Ion: 146 Resp: 326031

Ion Ratio Lower Upper

146 100

148 64.9 52.6 78.8

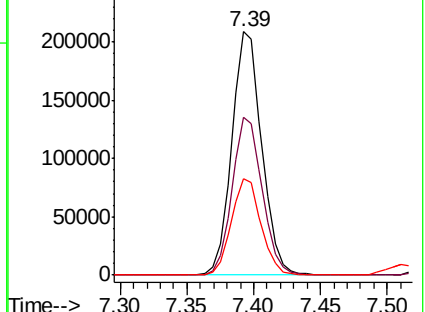
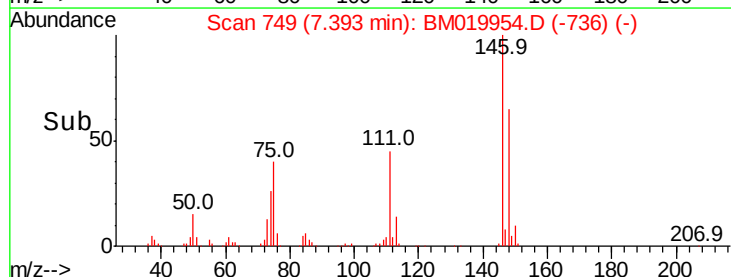
75 39.8 30.0 45.0

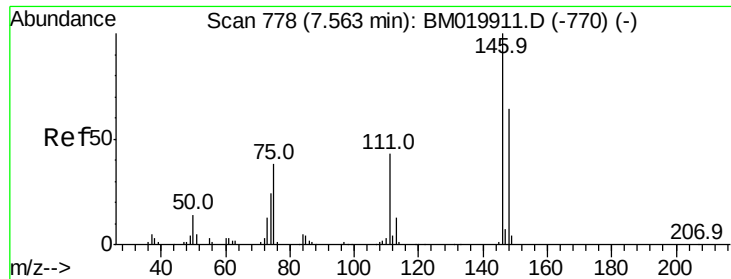


Abundance Ion 146.00 (145.70 to 146.70): BM019911.D (-745) (-)

Ion 148.00 (147.70 to 148.70): BM019911.D (-745) (-)

Ion 75.00 (74.70 to 75.70): BM019911.D (-745) (-)

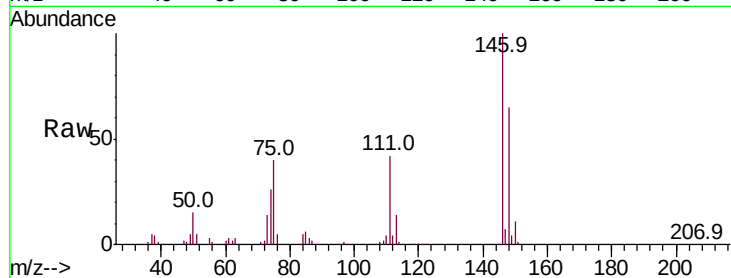




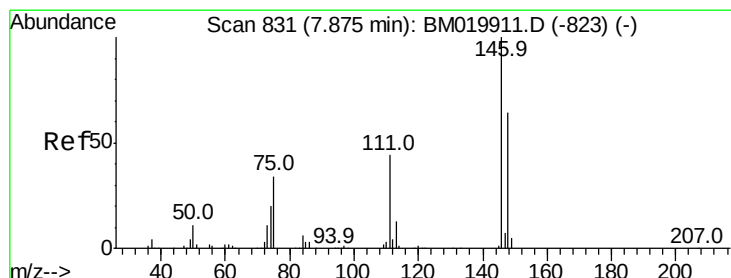
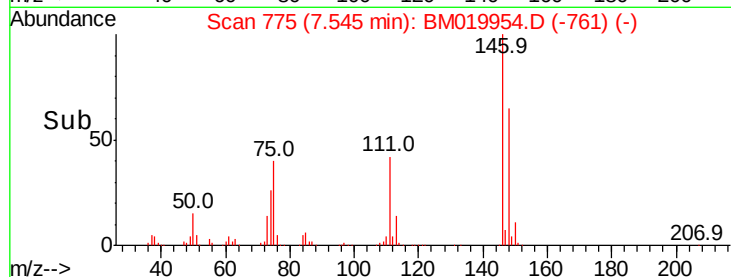
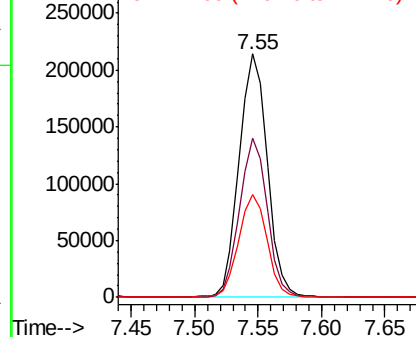
#13
1,4-Dichlorobenzene
Concen: 39.314 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Instrument :
BNA_M
ClientSampled :

Tot Ion:146 Resp: 330273
Ion Ratio Lower Upper
146 100
148 65.4 51.1 76.7
111 42.0 34.6 51.8

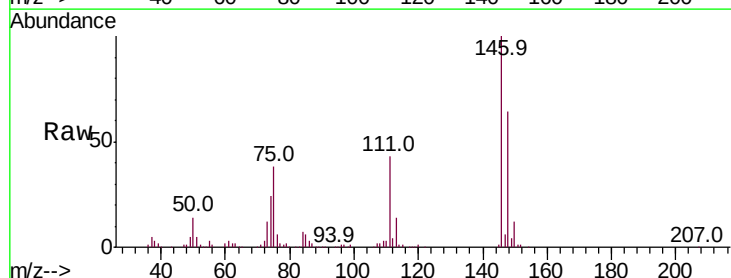


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

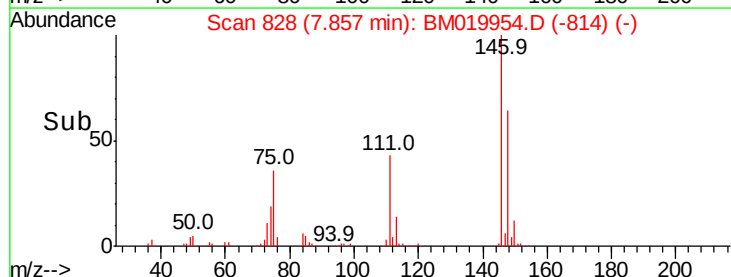
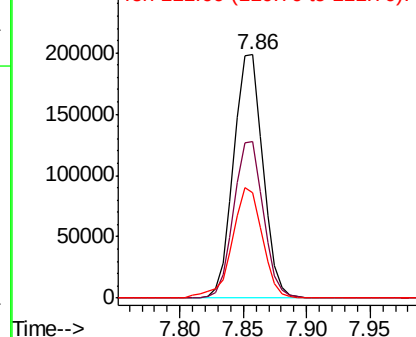


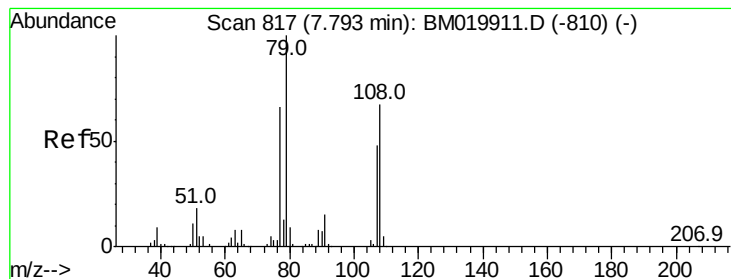
#14
1,2-Dichlorobenzene
Concen: 38.167 ng
RT: 7.86 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion:146 Resp: 317917
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 43.4 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: 34.863 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

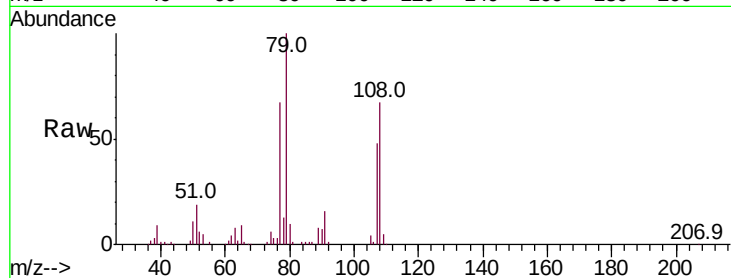
Tot Ion: 79 Resp: 302470

Ion Ratio Lower Upper

79 100

108 67.0 53.9 80.9

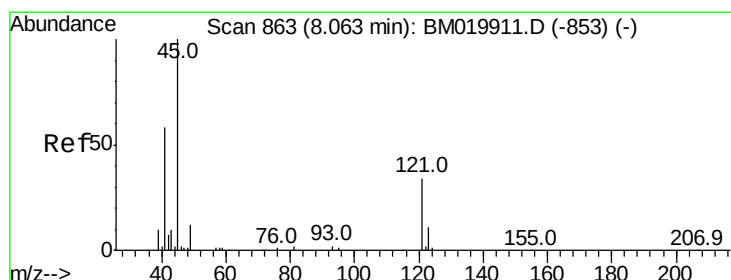
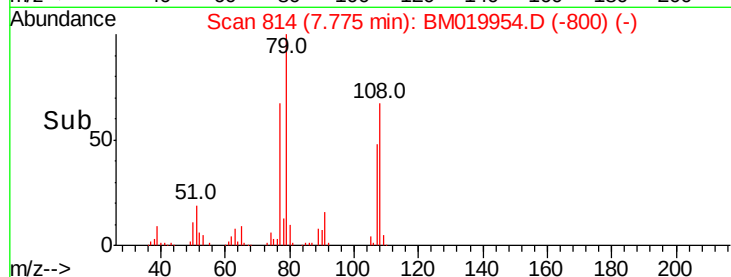
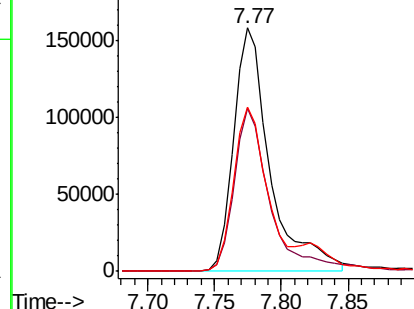
77 67.5 53.1 79.7



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: 35.276 ng

RT: 8.05 min Scan# 860

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

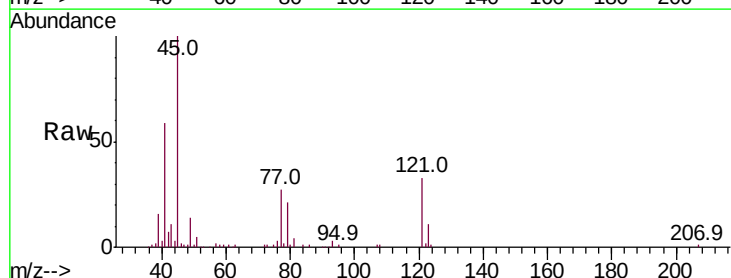
Tgt Ion: 45 Resp: 256545

Ion Ratio Lower Upper

45 100

77 26.7 7.2 47.2

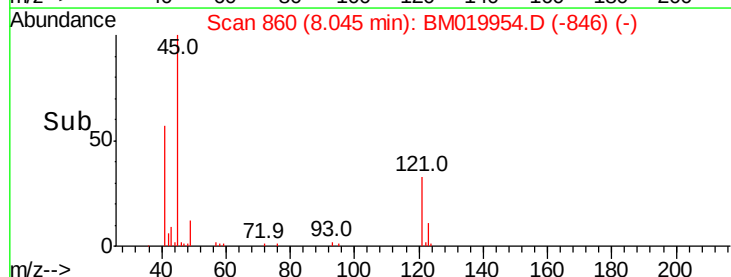
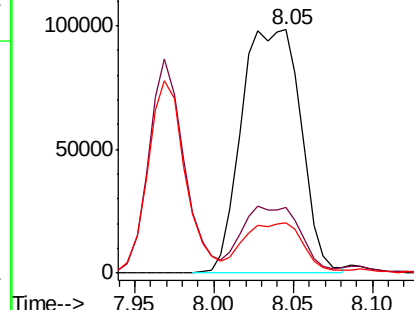
79 20.9 1.2 41.2

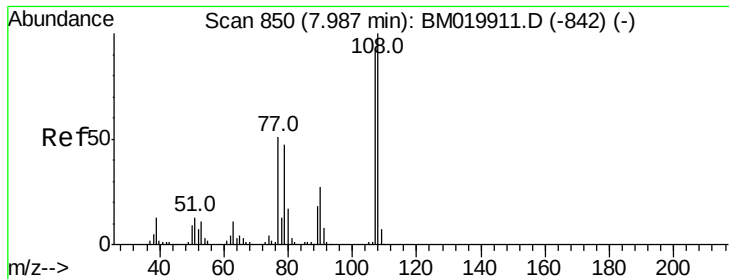


Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

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: 34.724 ng

RT: 7.97 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 239628

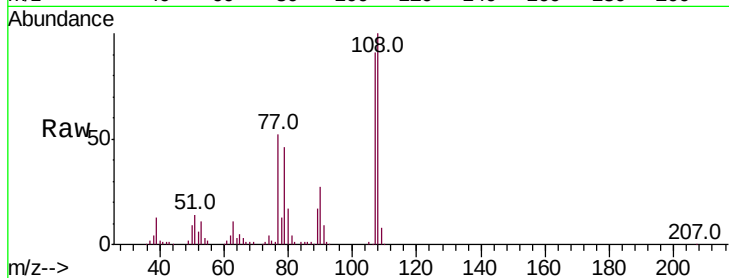
Ion Ratio Lower Upper

107 100

108 110.0 85.9 128.9

77 56.8 43.8 65.6

79 51.1 41.1 61.7

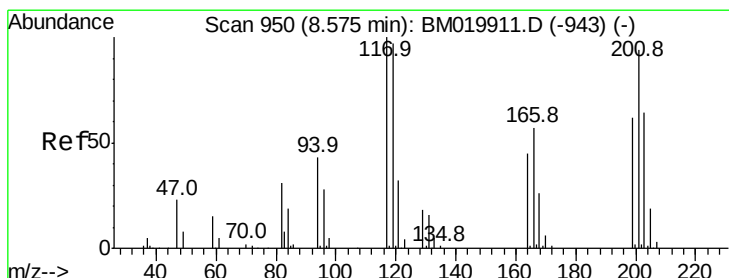
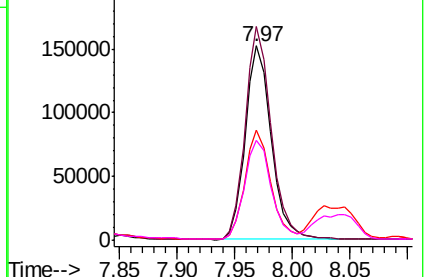
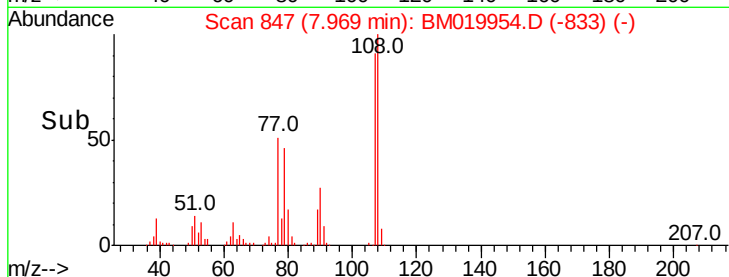


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.247 ng

RT: 8.56 min Scan# 947

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

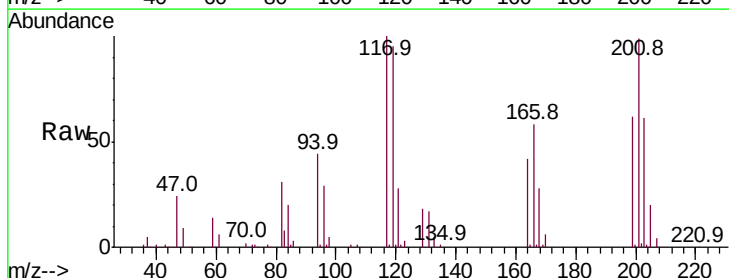
Tgt Ion:117 Resp: 128161

Ion Ratio Lower Upper

117 100

119 94.5 77.6 116.4

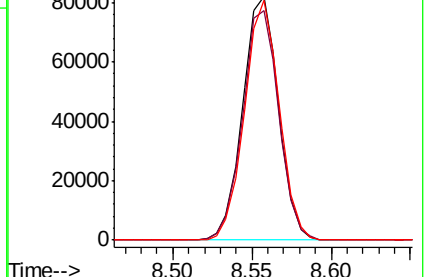
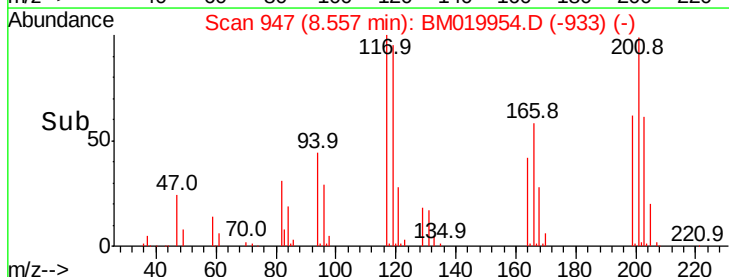
201 98.6 75.4 113.2

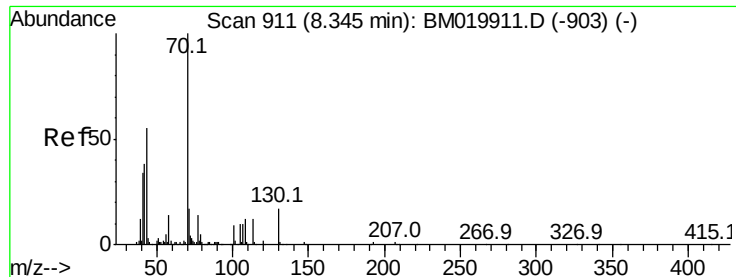


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.261 ng

RT: 8.32 min Scan# 907

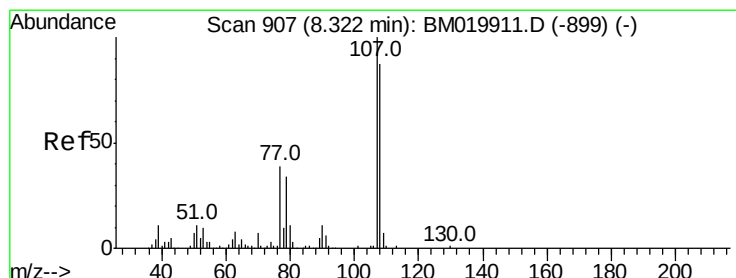
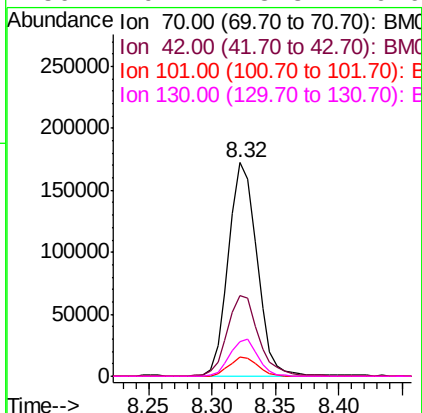
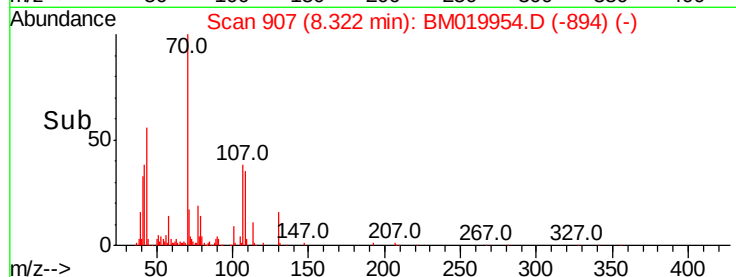
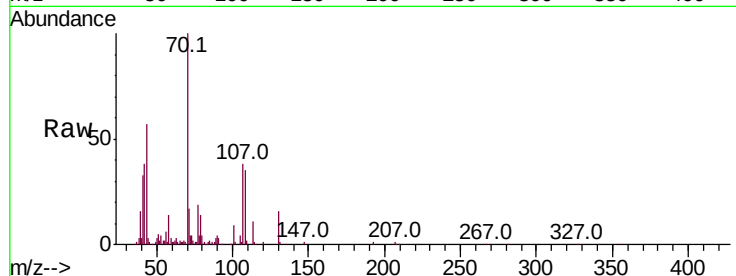
Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :
BNA_M
ClientSampled :

Tot Ion:	70	Resp:	270645
Ion	Ratio	Lower	Upper
70	100		
42	37.9	30.3	45.5
101	8.9	6.9	10.3
130	16.2	13.8	20.6



#20

3+4-Methylphenols

Concen: 33.976 ng

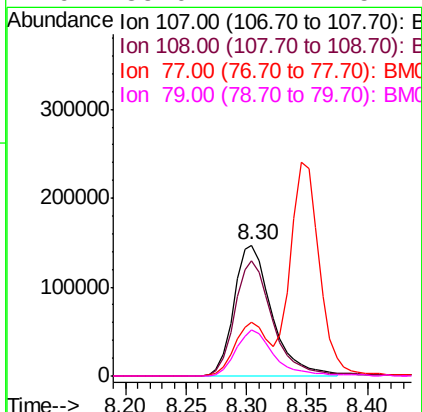
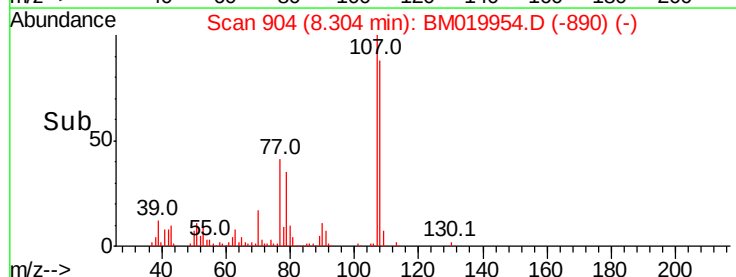
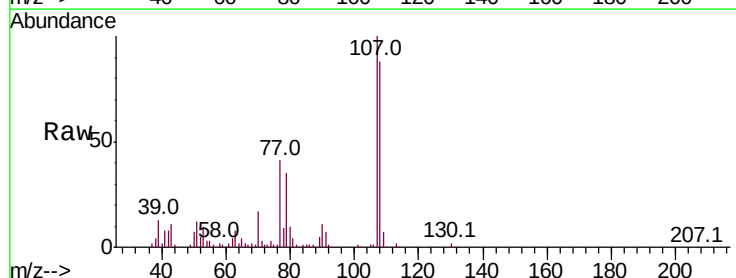
RT: 8.30 min Scan# 904

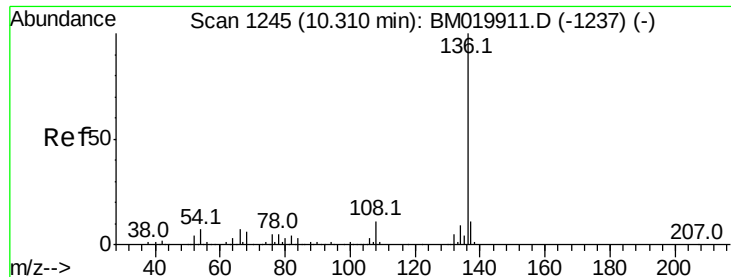
Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Tgt Ion:	107	Resp:	322094
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.4	107.4
77	41.0	19.7	59.7
79	35.0	14.1	54.1

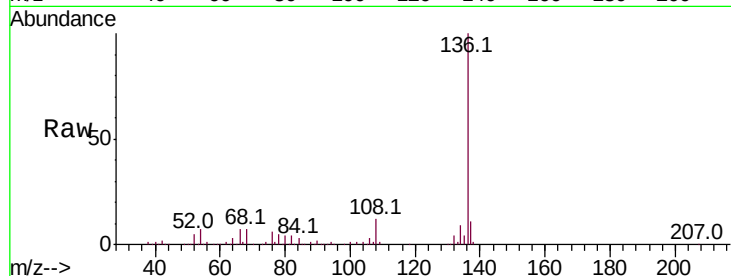




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 420341
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.6
54 6.8	5.3 7.9
68 6.7	5.2 7.8



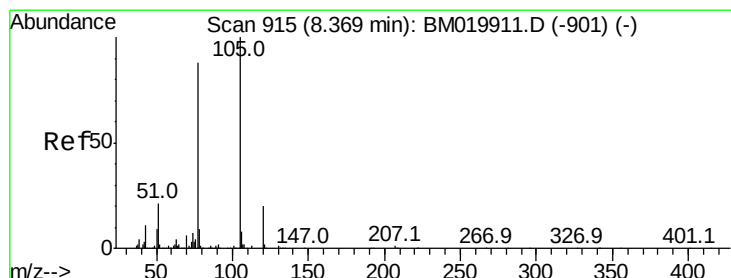
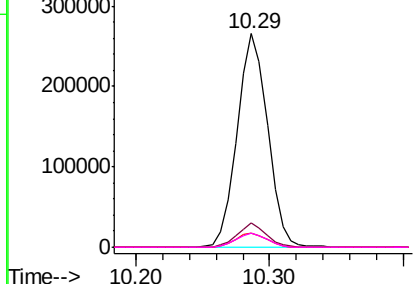
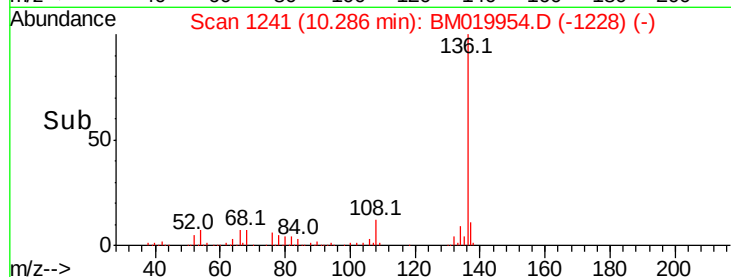
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

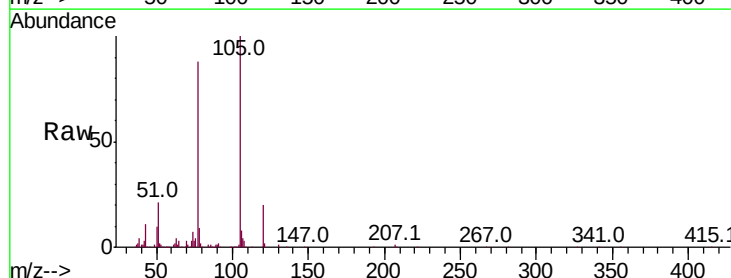
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 38.427 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt	Ion:105	Resp:	439940
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.8	1.2#
51	21.1	16.9	25.3
120	19.9	16.4	24.6



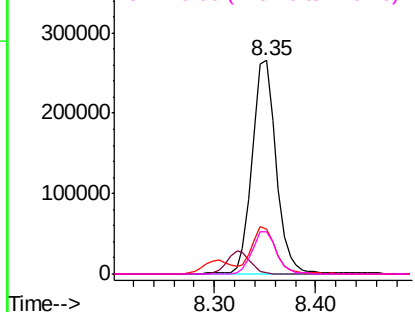
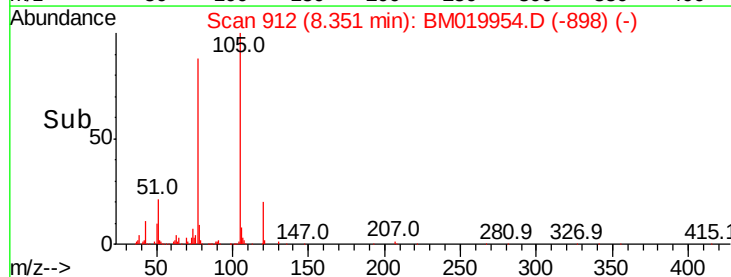
Abundance

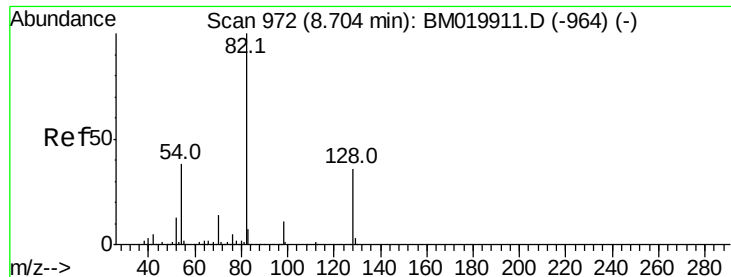
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

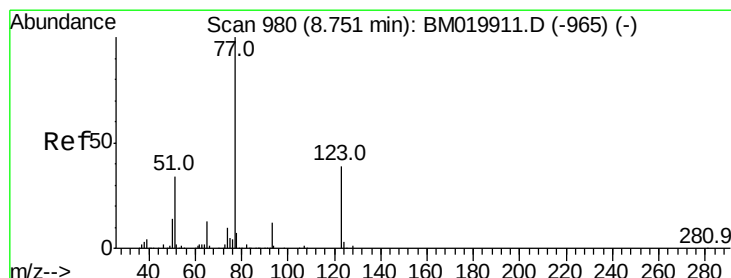
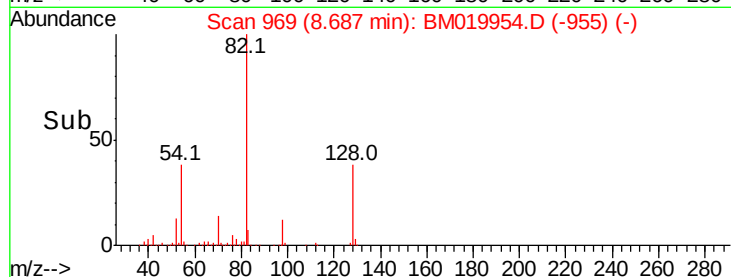
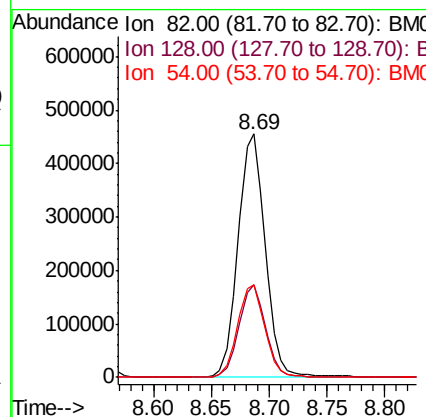
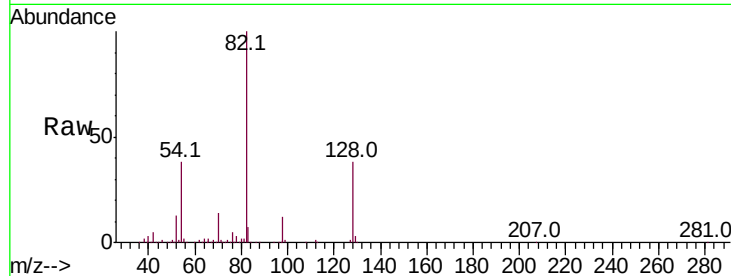




#23
 Nitrobenzene-d5
 Concen: 79.387 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

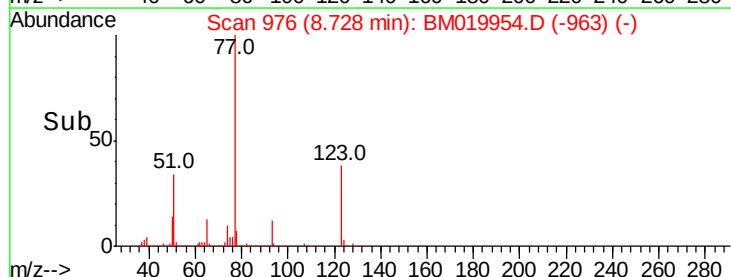
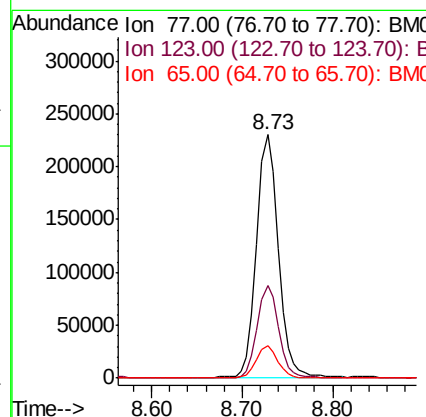
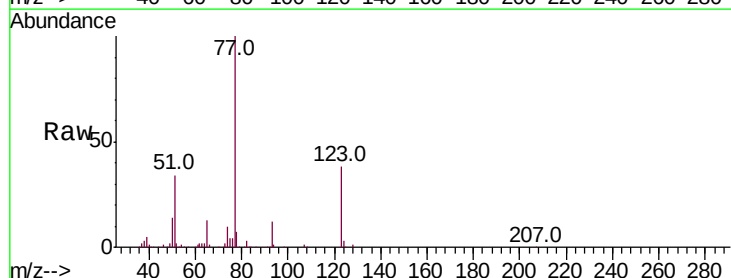
Instrument :
 BNA_M
 ClientSampleId :

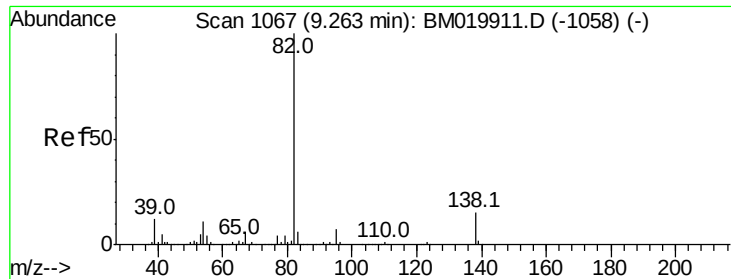
Tot Ion: 82 Resp: 746171
 Ion Ratio Lower Upper
 82 100
 128 38.1 29.0 43.4
 54 37.8 30.2 45.4



#24
 Nitrobenzene
 Concen: 39.716 ng
 RT: 8.73 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

Tgt Ion: 77 Resp: 386705
 Ion Ratio Lower Upper
 77 100
 123 37.8 31.0 46.4
 65 13.4 10.6 16.0





#25

Isophorone

Concen: 35.928 ng

RT: 9.24 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampled :

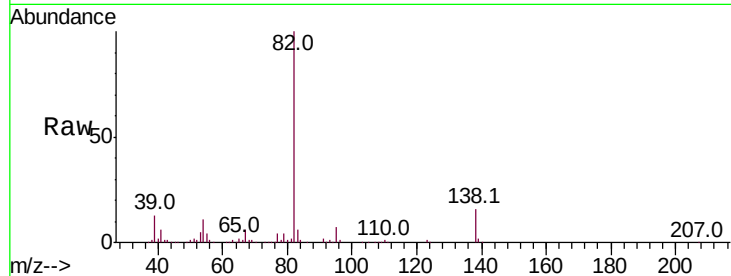
Tot Ion: 82 Resp: 657357

Ion Ratio Lower Upper

82 100

95 7.5 5.5 8.3

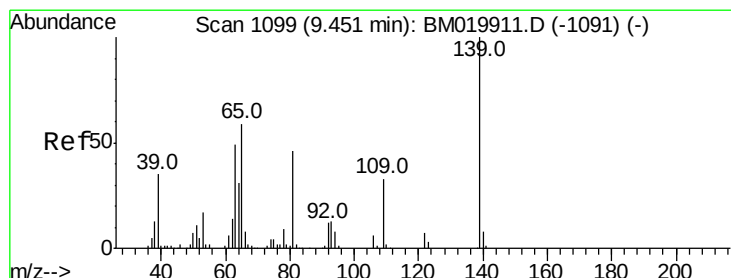
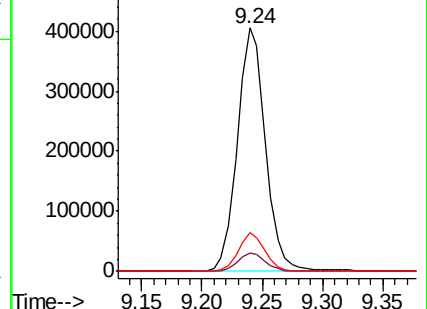
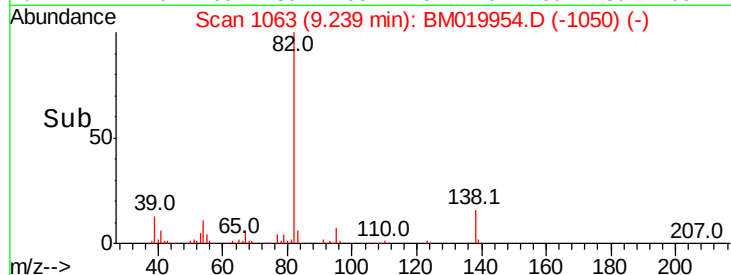
138 15.9 12.2 18.2



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

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

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



#26

2-Nitrophenol

Concen: 38.210 ng

RT: 9.43 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

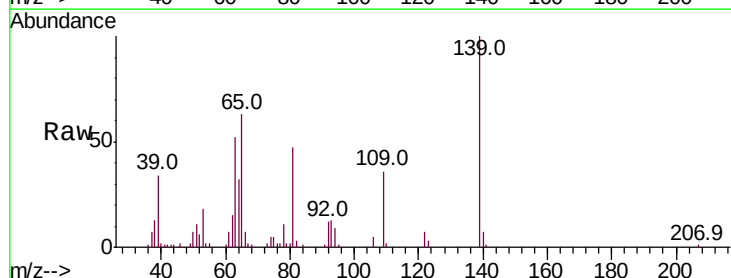
Tgt Ion: 139 Resp: 158546

Ion Ratio Lower Upper

139 100

109 35.7 26.3 39.5

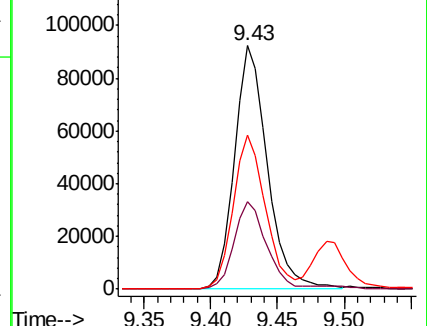
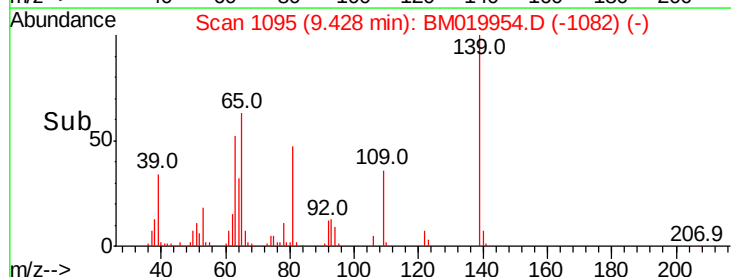
65 63.4 47.4 71.2

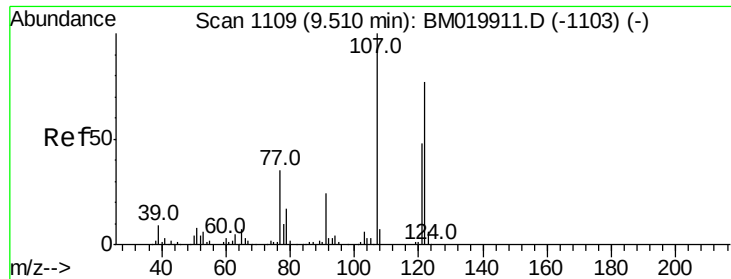


Abundance Ion 139.00 (138.70 to 139.70): BM019911.D (-1091) (-)

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

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





#27

2,4-Dimethylphenol

Concen: 38.278 ng

RT: 9.49 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

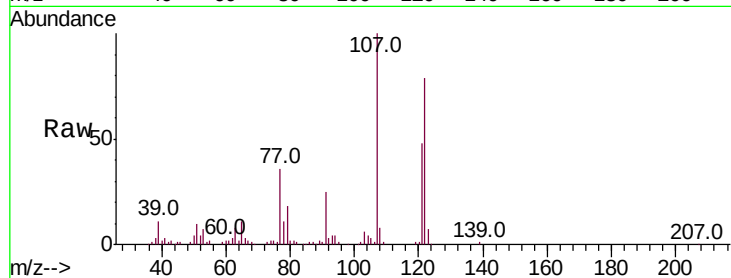
Tot Ion:122 Resp: 224566

Ion Ratio Lower Upper

122 100

107 127.3 103.1 154.7

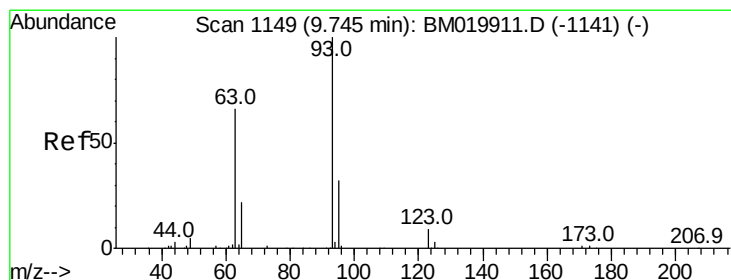
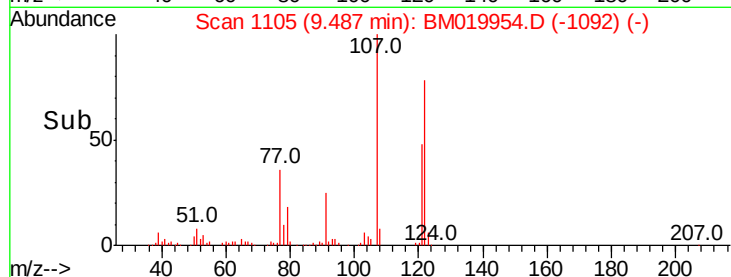
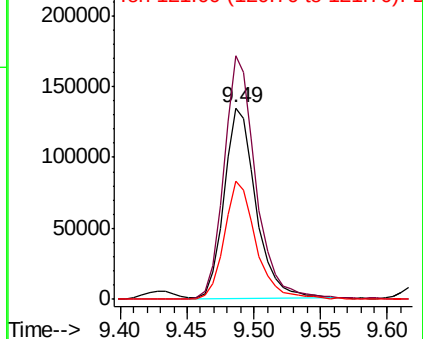
121 61.5 49.8 74.8



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: 36.923 ng

RT: 9.72 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

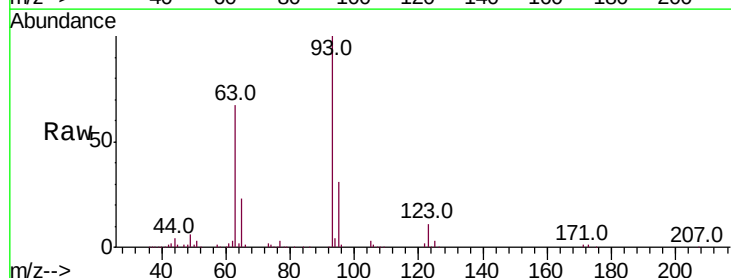
Tgt Ion: 93 Resp: 378294

Ion Ratio Lower Upper

93 100

95 31.2 25.8 38.8

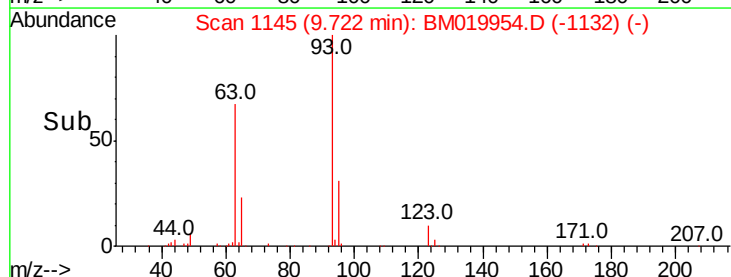
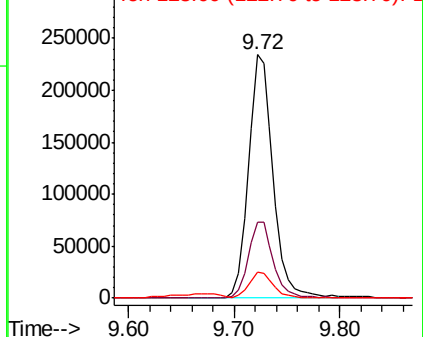
123 10.7 8.2 12.2

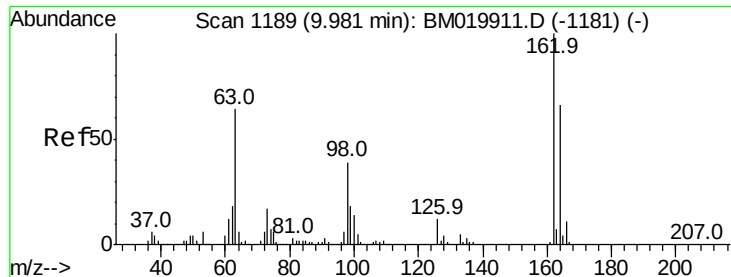


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

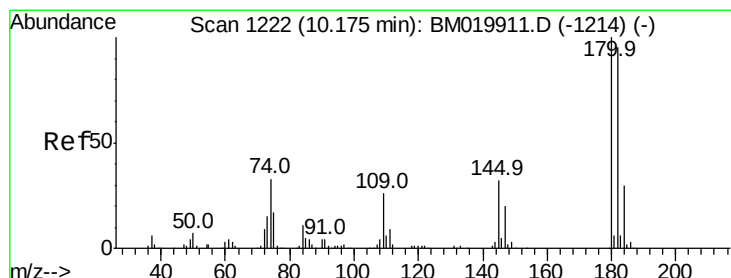
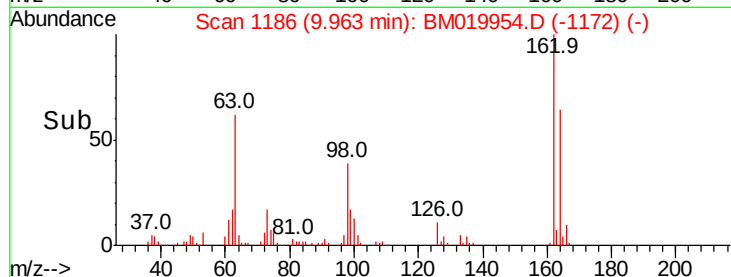
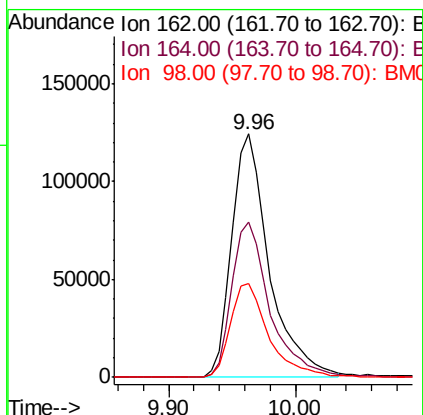
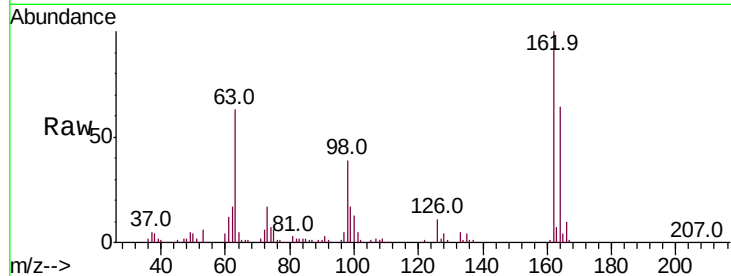




#29
2,4-Dichlorophenol
Concen: 38.378 ng
RT: 9.96 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

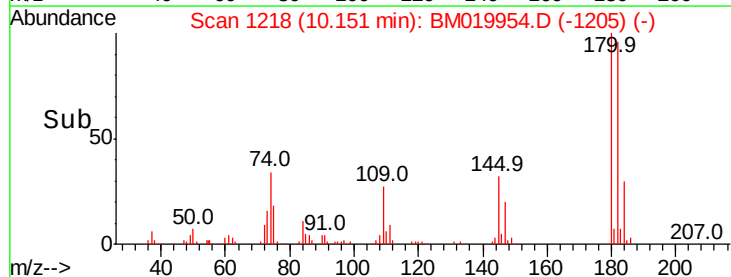
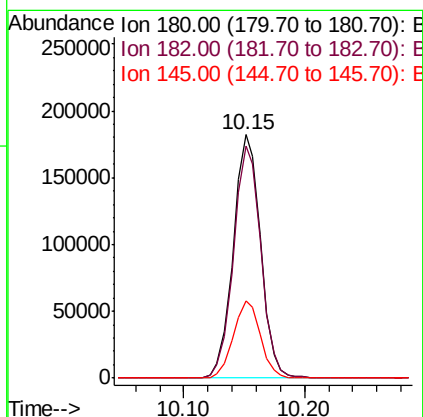
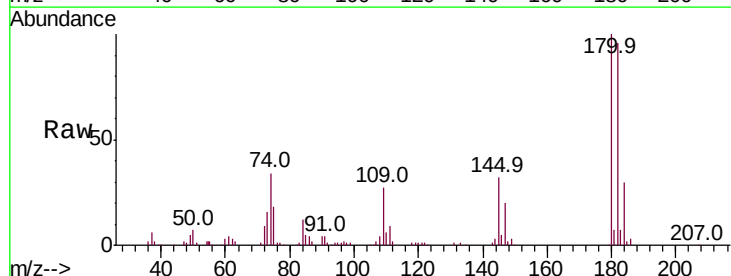
Instrument :
BNA_M
ClientSampleId :

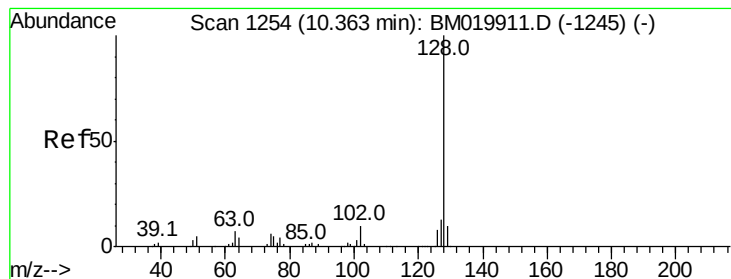
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	46.3	86.3
98	38.7	19.2	59.2



#30
1,2,4-Trichlorobenzene
Concen: 40.097 ng
RT: 10.15 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.3	114.5
145	31.6	25.5	38.3

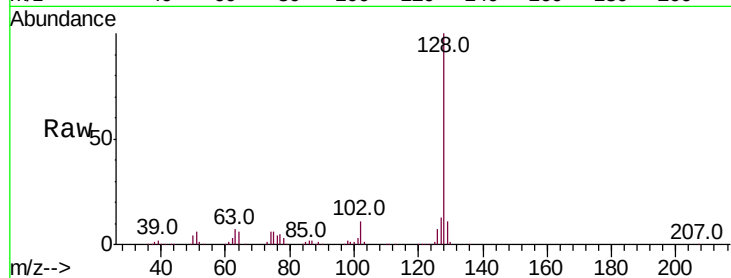




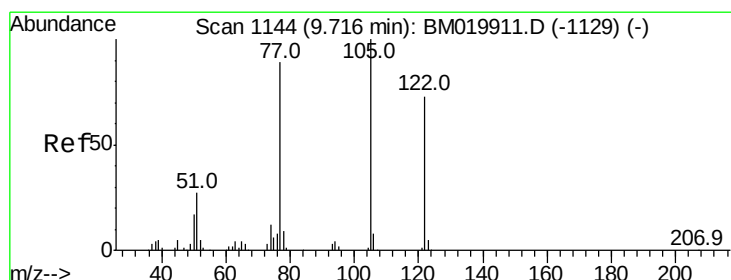
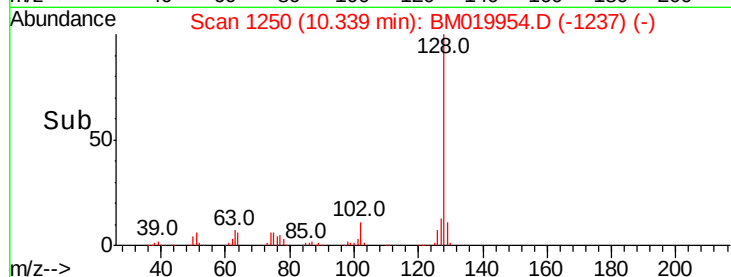
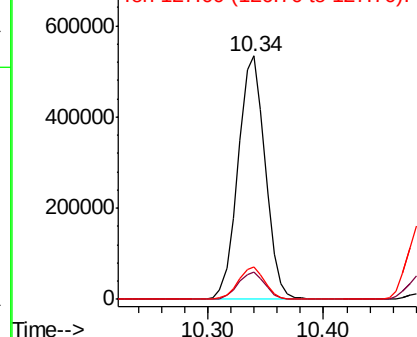
#31
Naphthalene
Concen: 38.631 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 870976
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.2 10.4 15.6

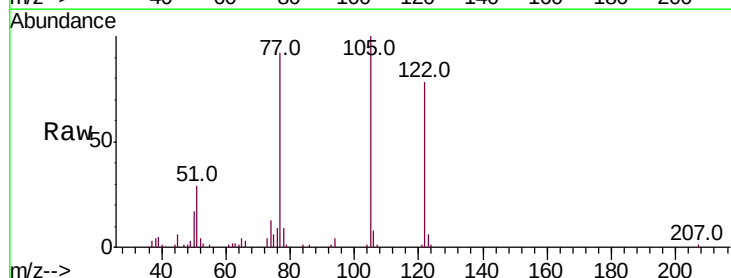


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

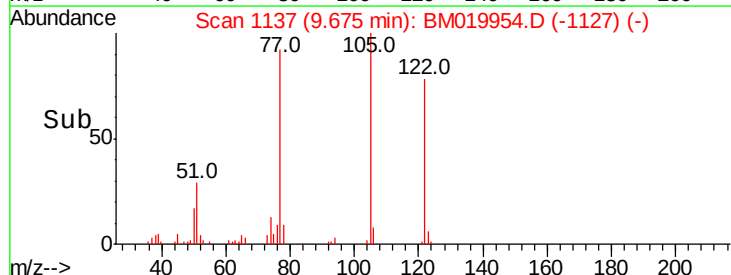
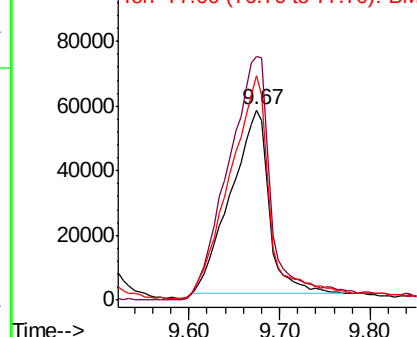


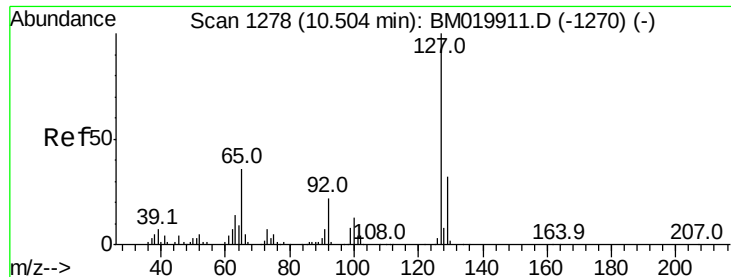
#32
Benzoic acid
Concen: 31.739 ng
RT: 9.67 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion:122 Resp: 164784
Ion Ratio Lower Upper
122 100
105 127.9 114.8 154.8
77 118.0 100.2 140.2



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

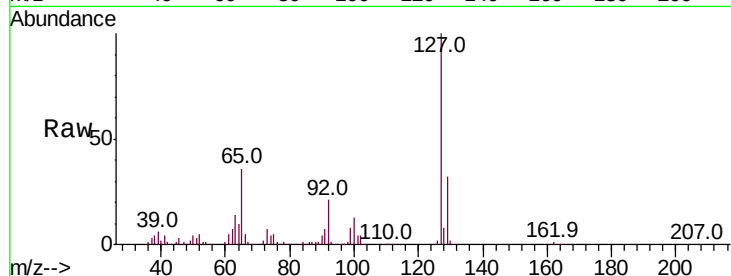




#33
4-Chloroaniline
Concen: 36.562 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	339591
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.0
65	36.1	29.2	43.8
92	21.3	17.5	26.3



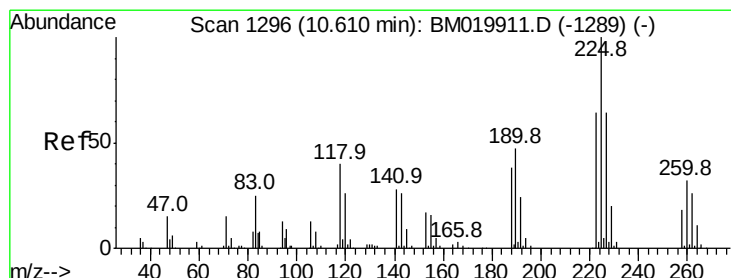
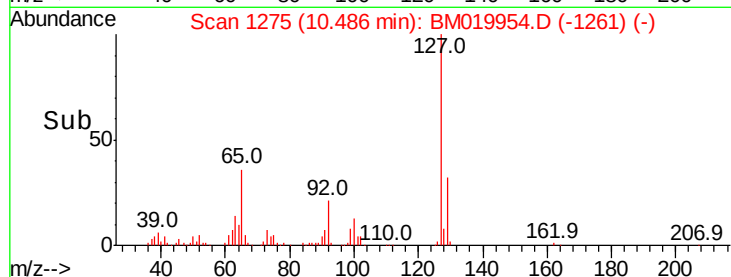
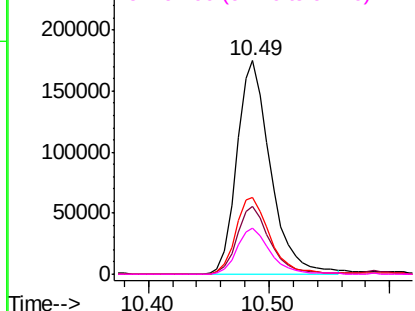
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

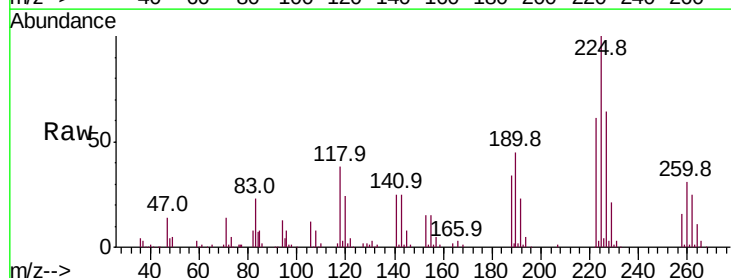
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 40.602 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion:	225	Resp:	171731
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.4	77.2
227	63.8	51.0	76.6

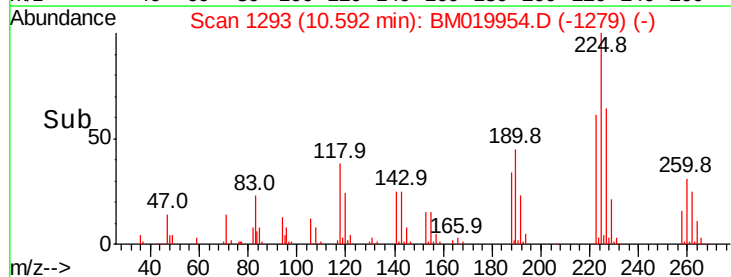
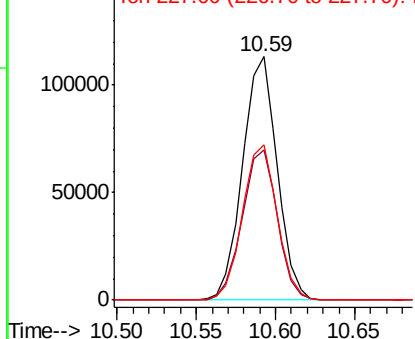


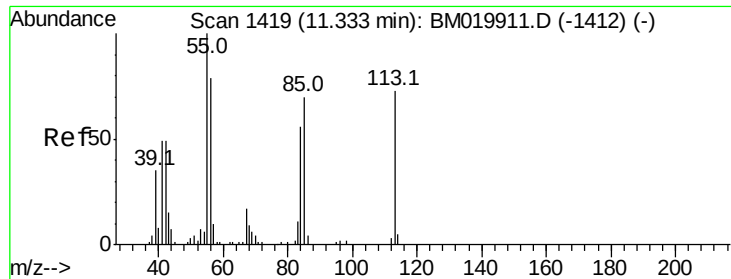
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.457 ng

RT: 11.30 min Scan# 1414

Delta R.T. -0.03 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

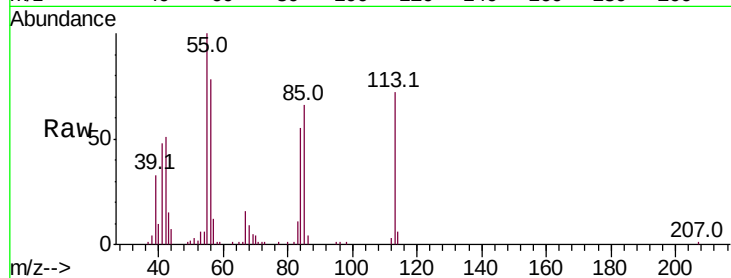
Tot Ion:113 Resp: 81860

Ion Ratio Lower Upper

113 100

55 138.5 117.1 157.1

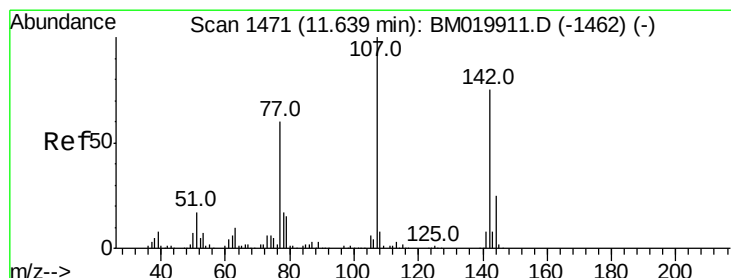
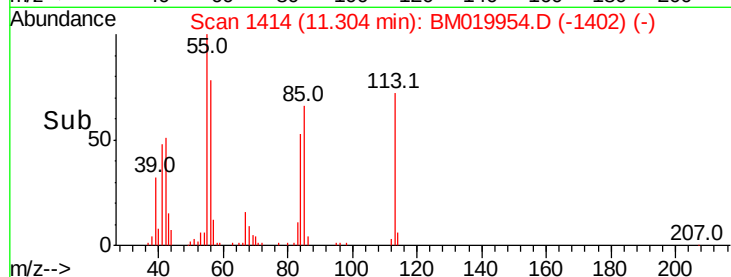
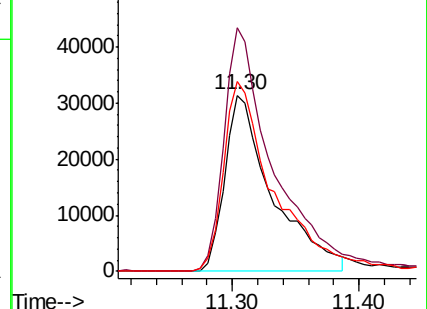
56 108.3 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 35.500 ng

RT: 11.62 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

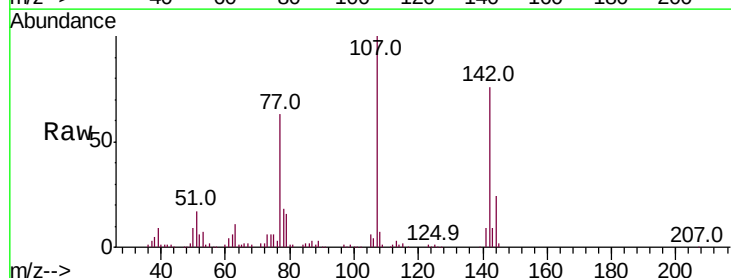
Tgt Ion:107 Resp: 293910

Ion Ratio Lower Upper

107 100

144 23.5 19.8 29.8

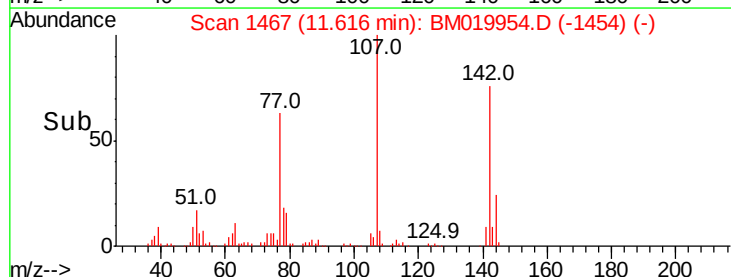
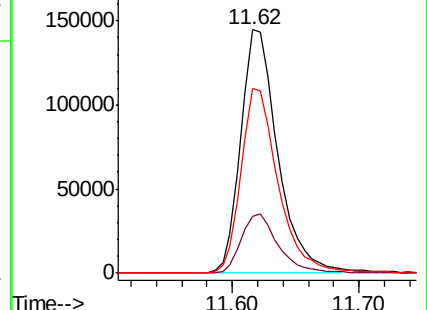
142 76.0 60.3 90.5

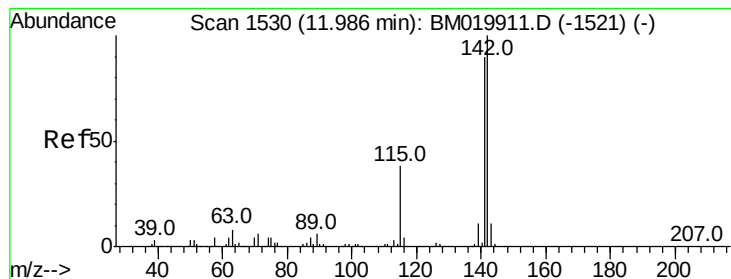


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

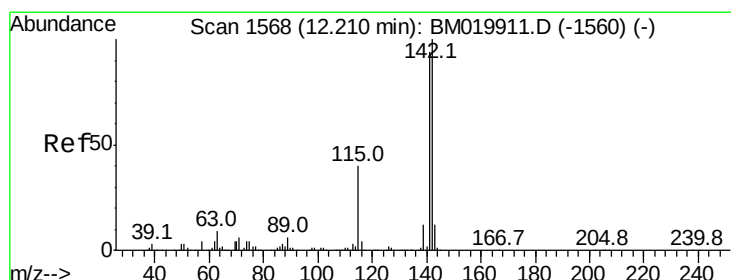
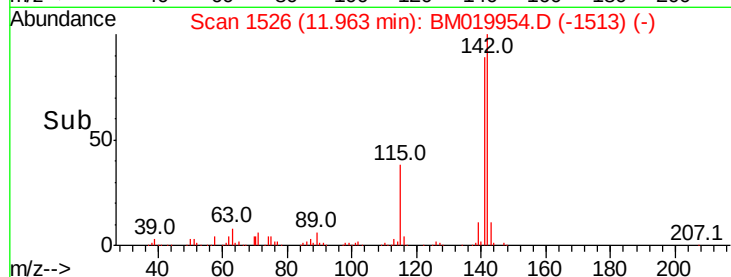
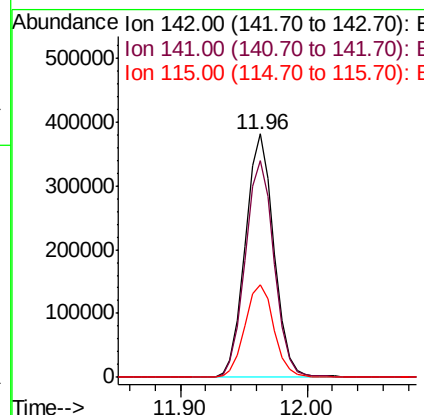
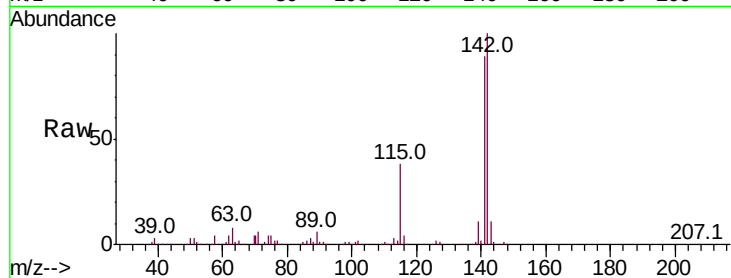




#37
2-Methylnaphthalene
Concen: 36.396 ng
RT: 11.96 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

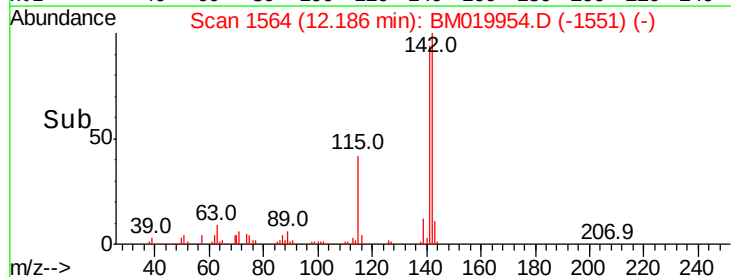
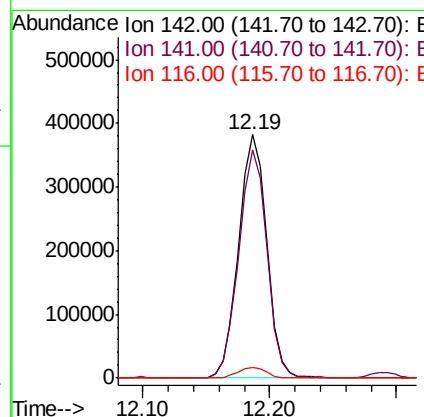
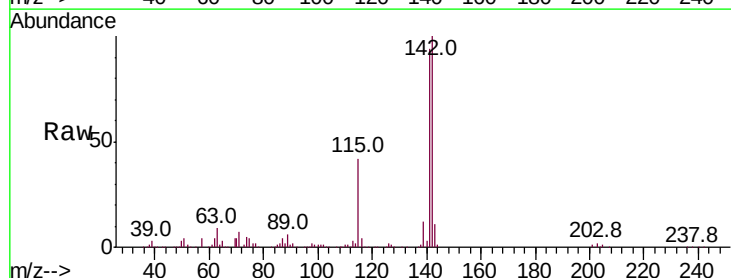
Instrument :
BNA_M
ClientSampleId :

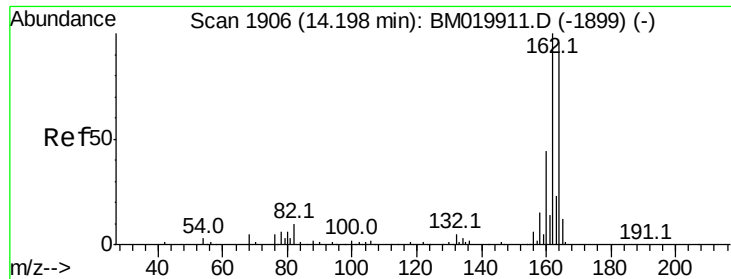
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.3	108.5
115	37.9	30.5	45.7



#38
1-Methylnaphthalene
Concen: 36.198 ng
RT: 12.19 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.7	113.5
116	4.4	3.4	5.2

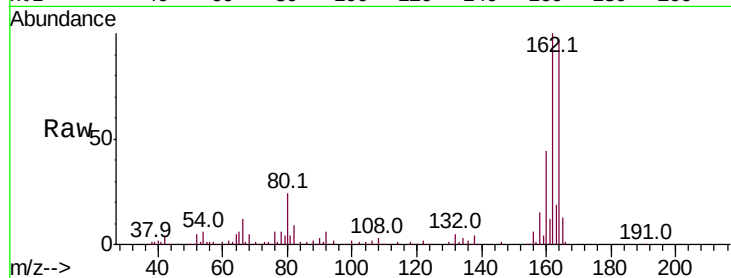




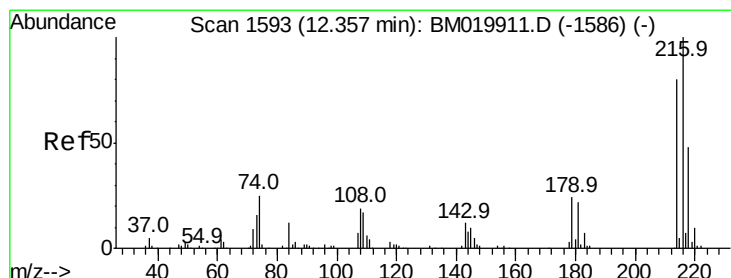
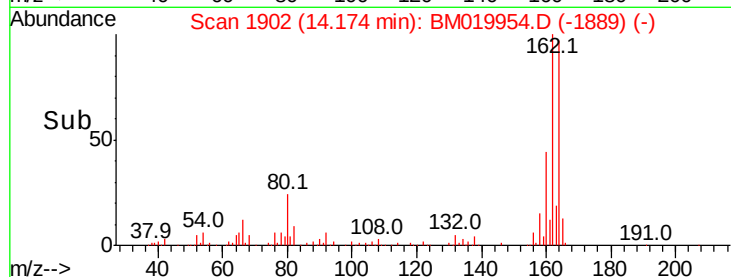
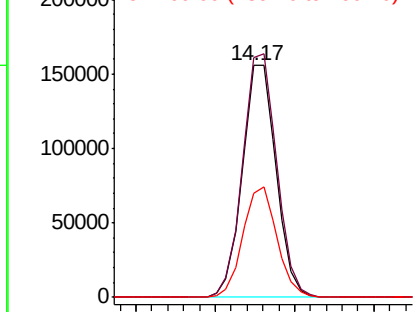
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 230691
Ion Ratio Lower Upper
164 100
162 103.1 83.0 124.4
160 44.9 36.6 55.0

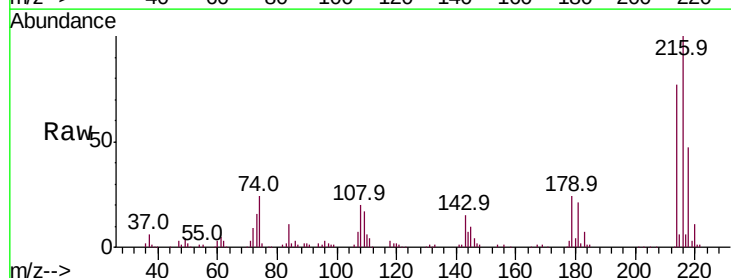


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

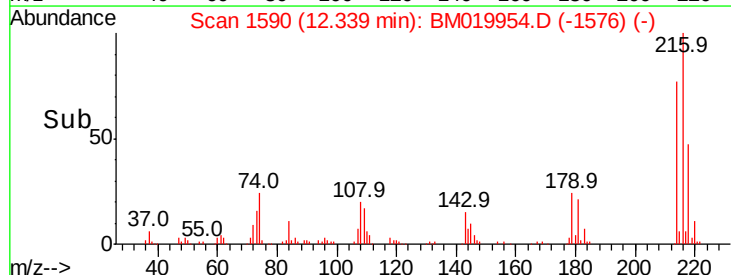
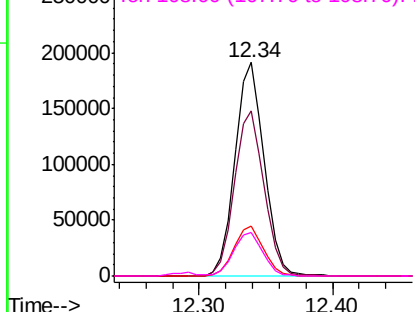


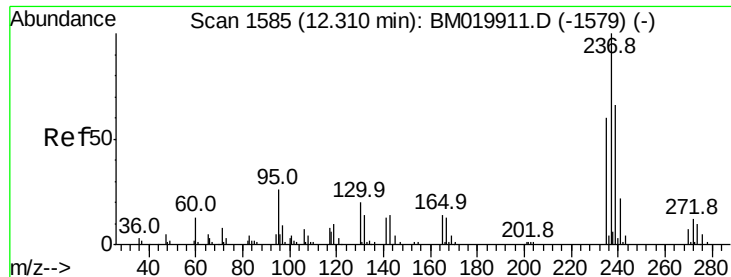
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.677 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion:216 Resp: 289486
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 23.6 19.0 28.6
108 20.6 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: 43.694 ng

RT: 12.29 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

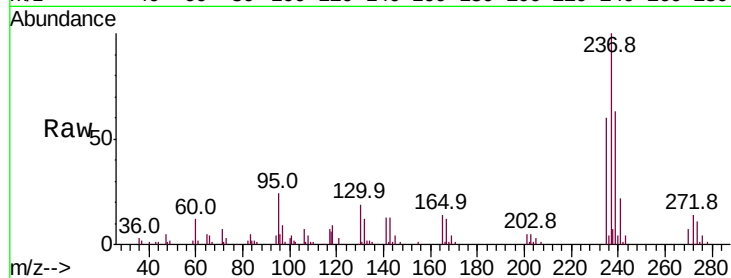
Tot Ion:237 Resp: 94478

Ion Ratio Lower Upper

237 100

235 60.4 40.4 80.4

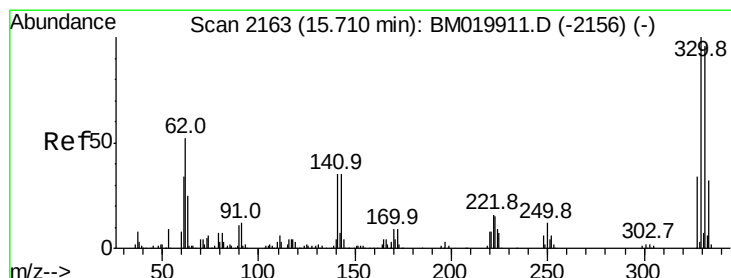
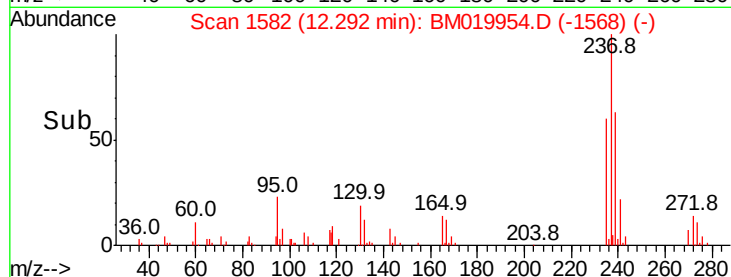
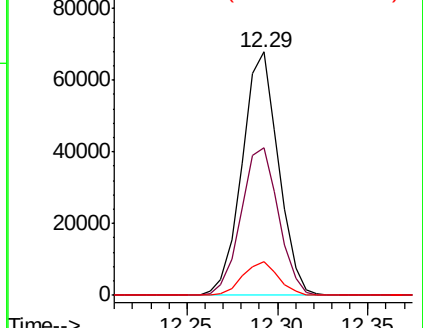
272 13.6 0.0 32.3



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: 72.545 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

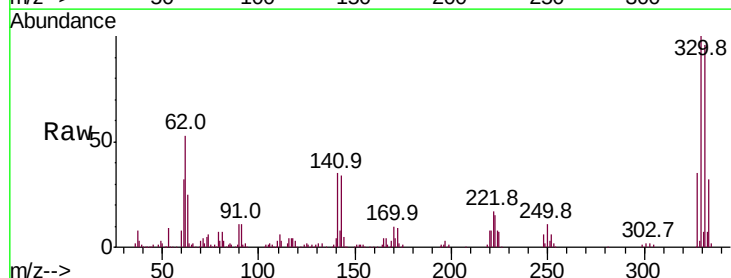
Tgt Ion:330 Resp: 269395

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

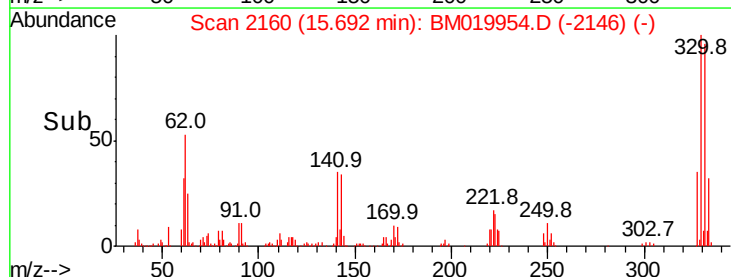
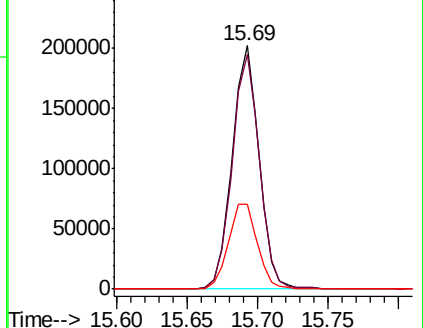
141 37.7 29.0 43.4

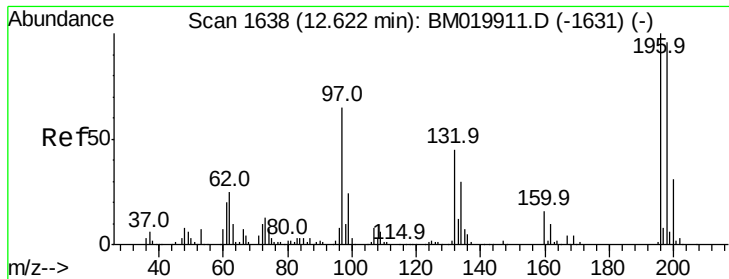


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

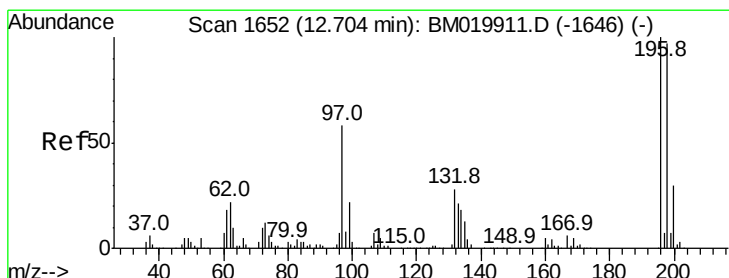
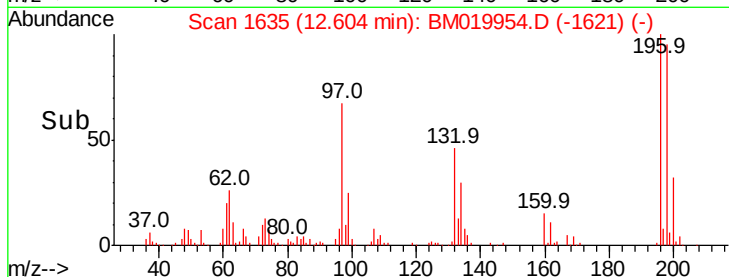
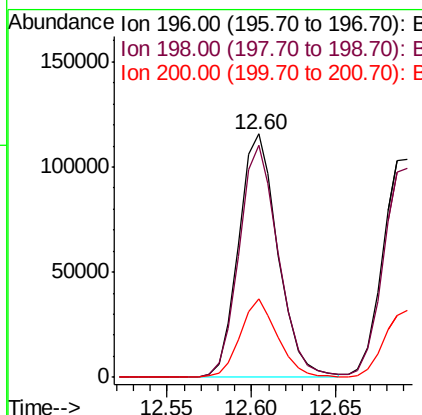
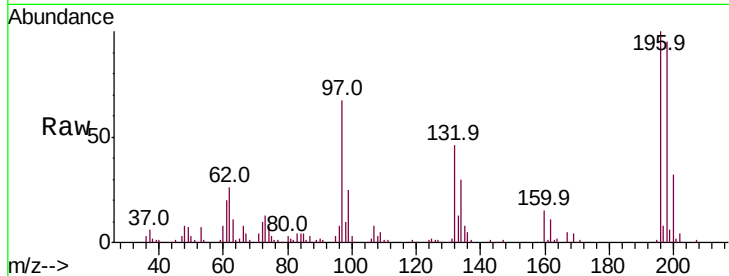




#43
 2,4,6-Trichlorophenol
 Concen: 38.787 ng
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

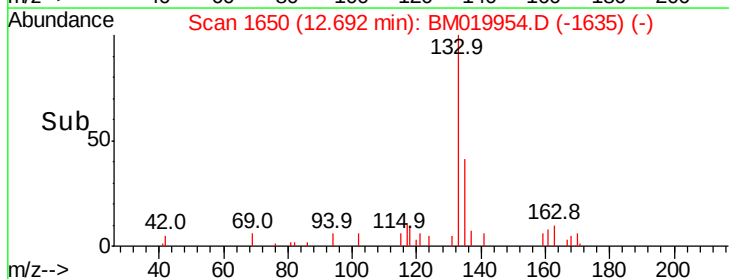
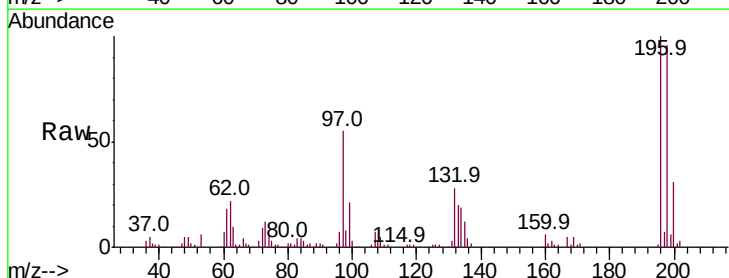
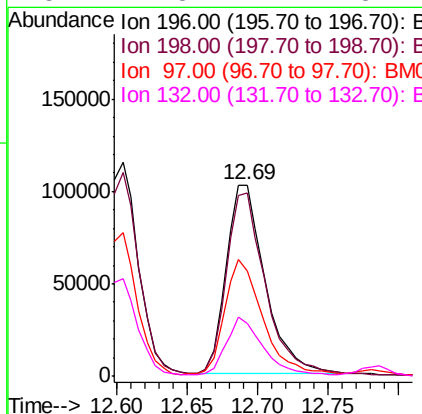
Instrument :
 BNA_M
 ClientSampled :

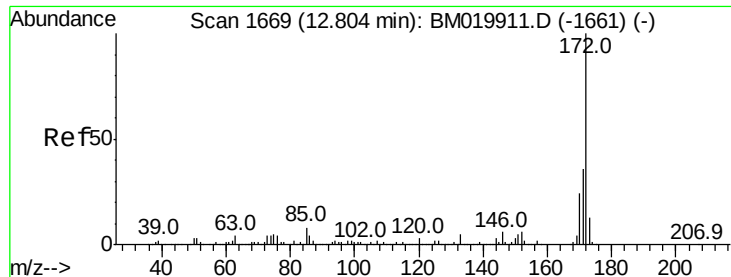
Tot Ion	196	Resp	187144
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.8	115.2
200	32.1	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.008 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

Tgt Ion	196	Resp	195887
Ion Ratio	Lower	Upper	
196	100		
198	95.9	77.8	116.8
97	55.0	46.2	69.2
132	27.8	22.7	34.1

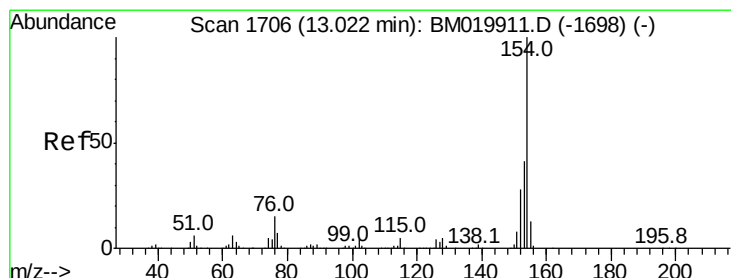
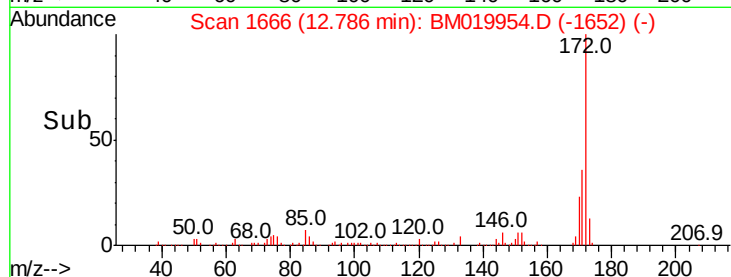
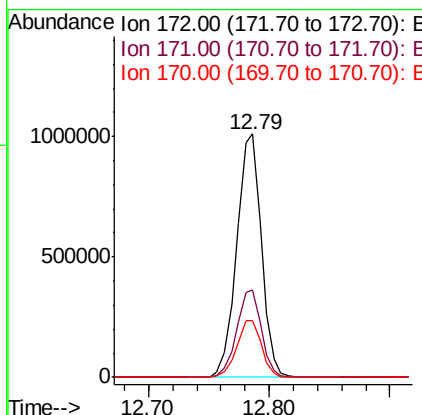
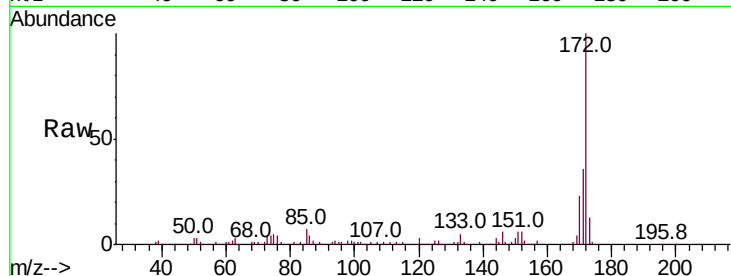




#45
2-Fluorobiphenyl
Concen: 77.923 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

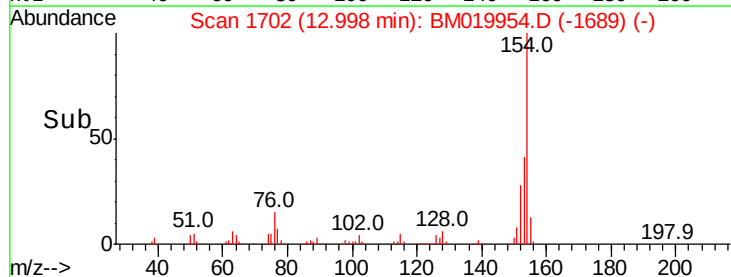
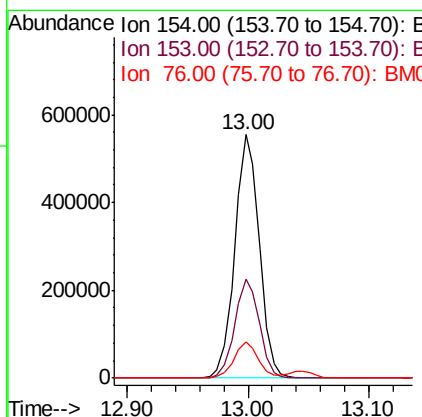
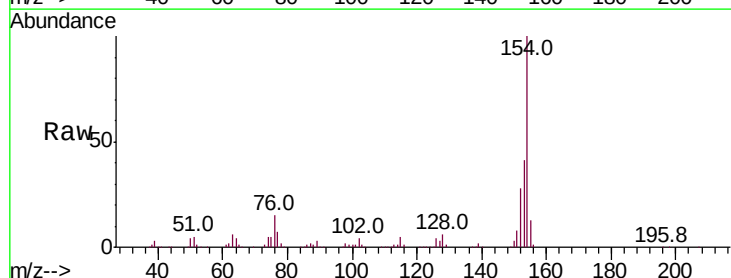
Instrument :
BNA_M
ClientSampled :

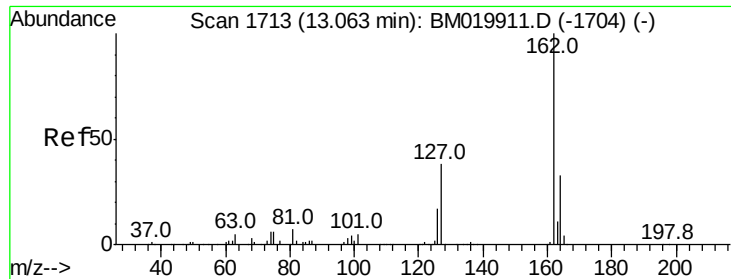
Tot Ion:172 Resp: 1442432
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.247 ng
RT: 13.00 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion:154 Resp: 784180
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 14.9 0.0 34.8

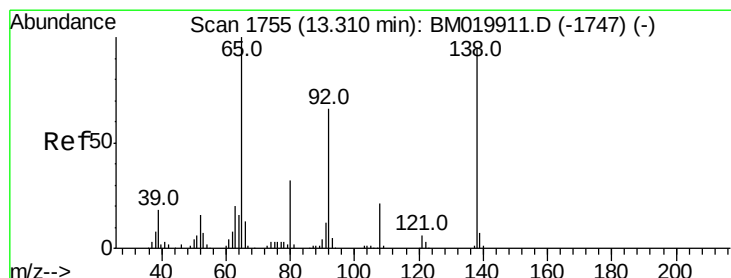
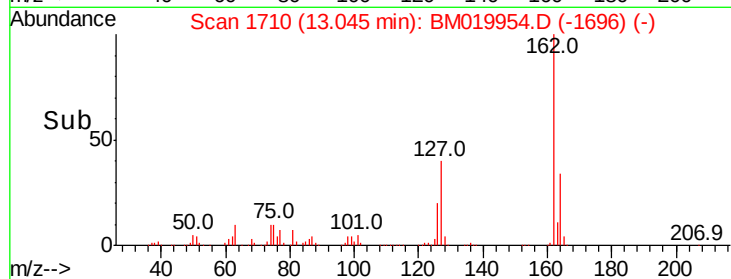
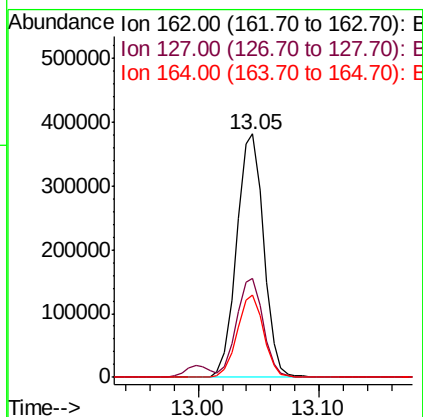
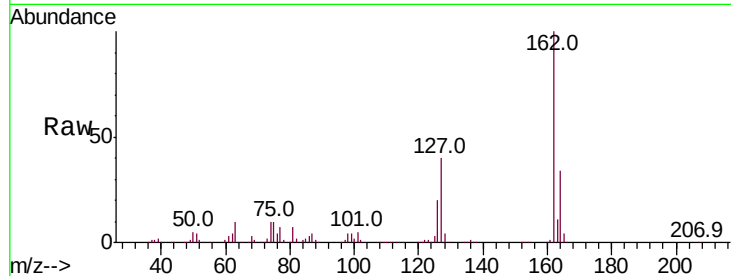




#47
2-Chloronaphthalene
Concen: 39.193 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

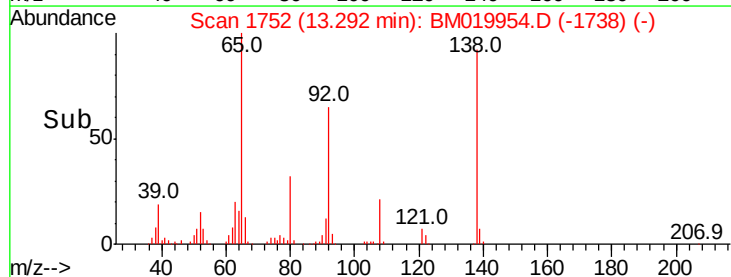
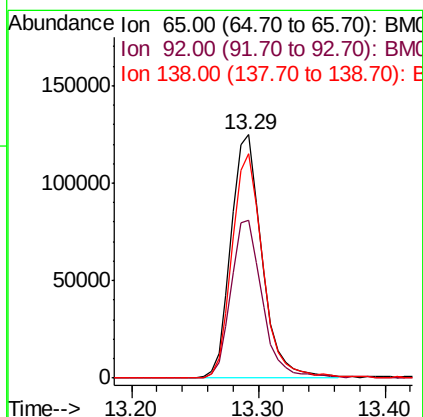
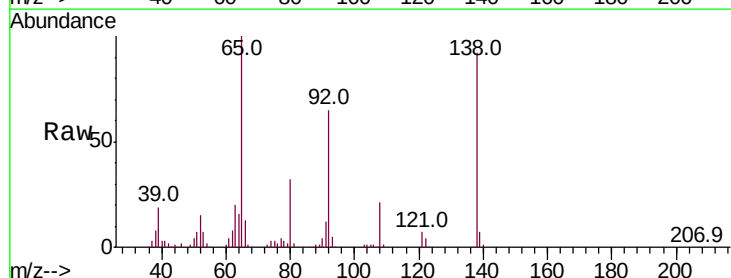
Instrument :
BNA_M
ClientSampled :

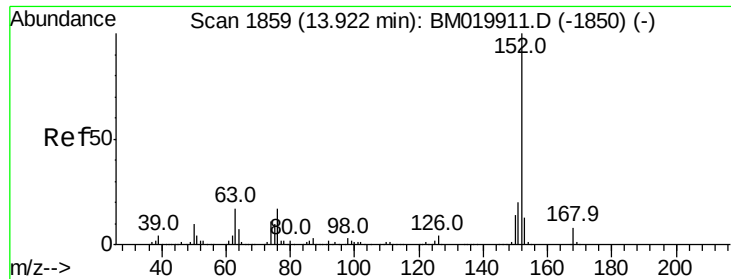
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.3	48.5
164	33.8	26.3	39.5



#48
2-Nitroaniline
Concen: 38.594 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	52.9	79.3
138	92.3	75.8	113.6





#49

Acenaphthylene

Concen: 38.173 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampled :

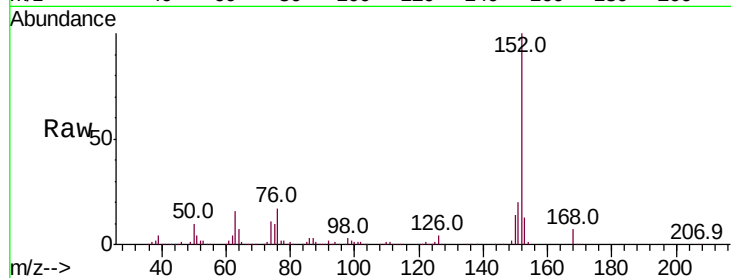
Tot Ion:152 Resp: 1012262

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

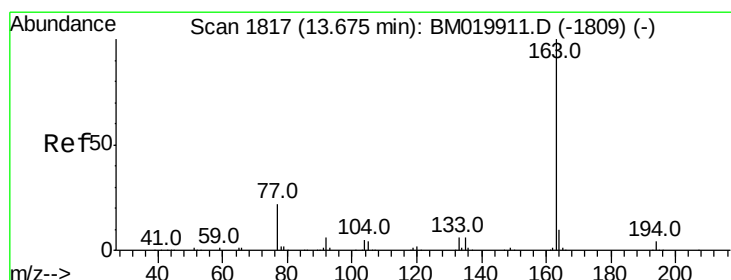
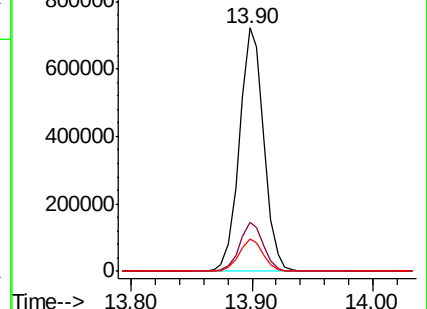
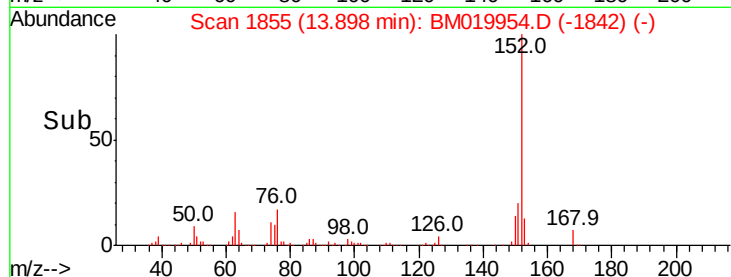
153 13.2 10.6 16.0



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: 37.526 ng

RT: 13.65 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

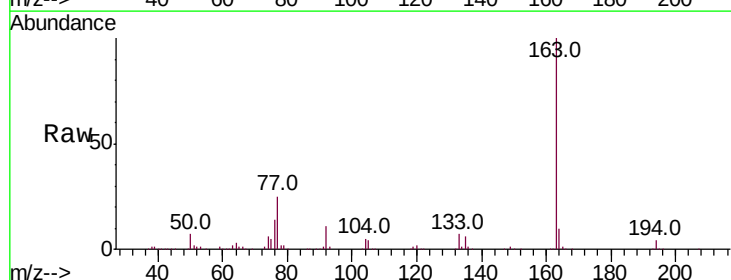
Tgt Ion:163 Resp: 763594

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

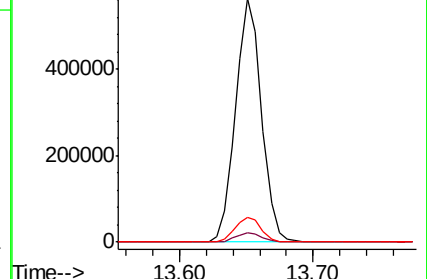
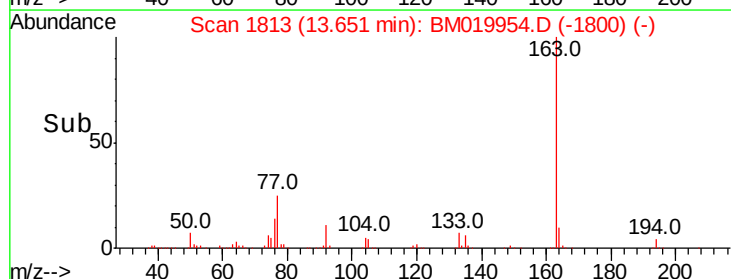
164 10.3 7.9 11.9

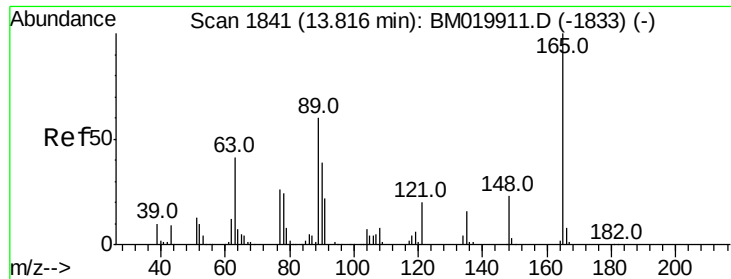


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

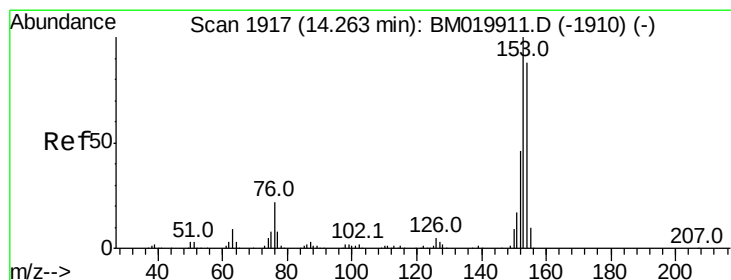
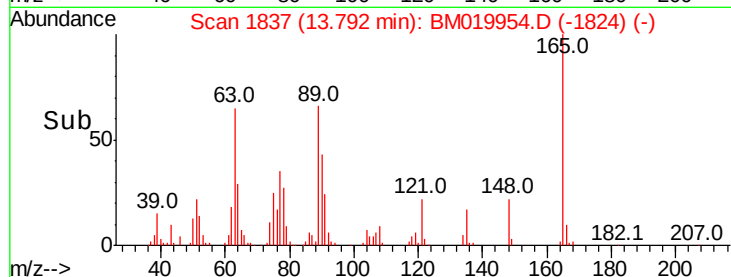
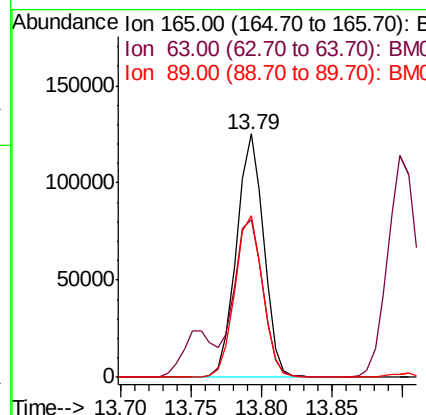
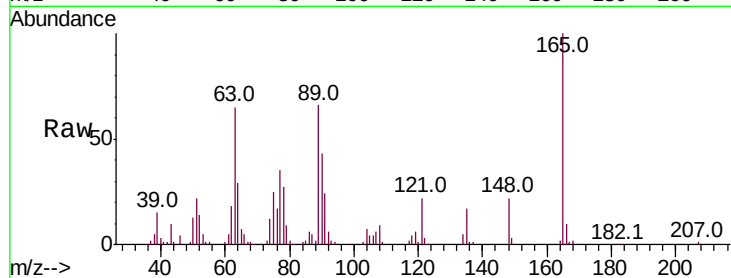




#51
 2,6-Dinitrotoluene
 Concen: 37.435 ng
 RT: 13.79 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

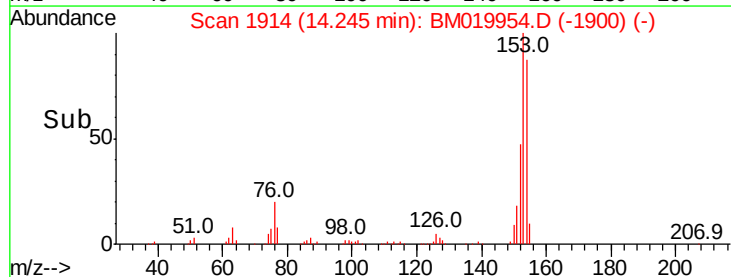
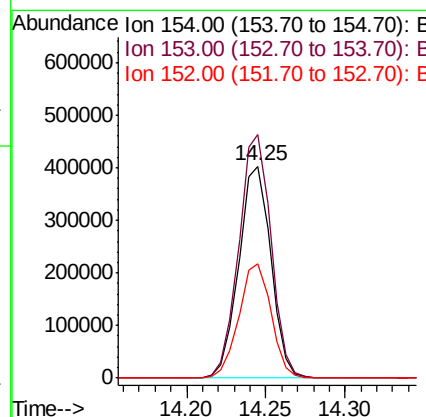
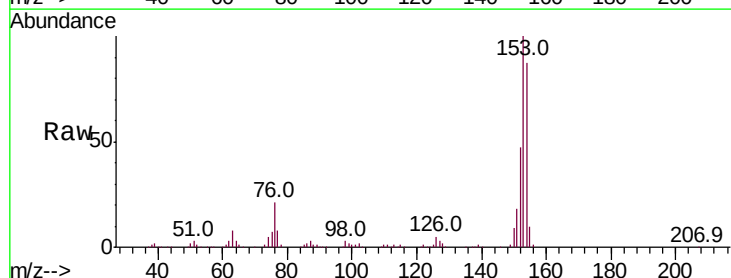
Instrument :
 BNA_M
 ClientSampleId :

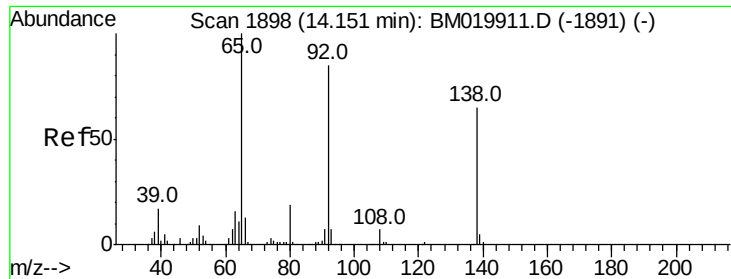
Tot Ion	Ratio	Lower	Upper
165	100		
63	65.0	48.5	72.7
89	66.3	48.2	72.4



#52
 Acenaphthene
 Concen: 38.545 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.0	136.4
152	54.2	42.2	63.2





#53

3-Nitroaniline

Concen: 36.978 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

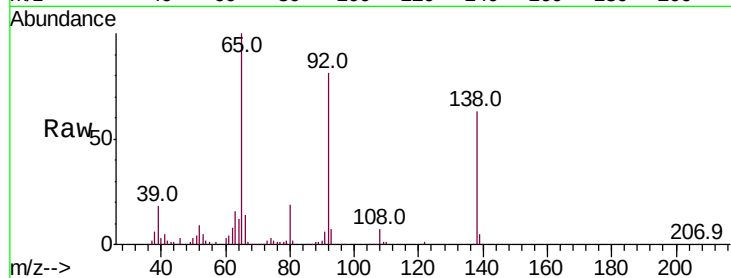
Tot Ion:138 Resp: 166142

Ion Ratio Lower Upper

138 100

108 11.2 8.9 13.3

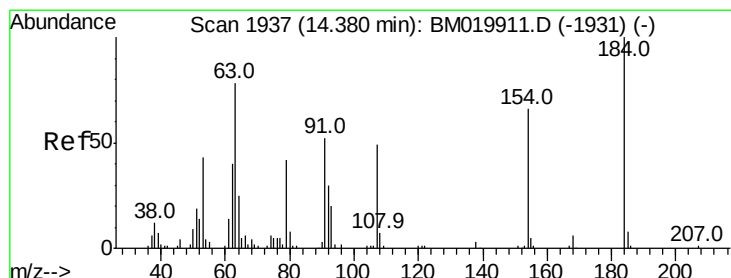
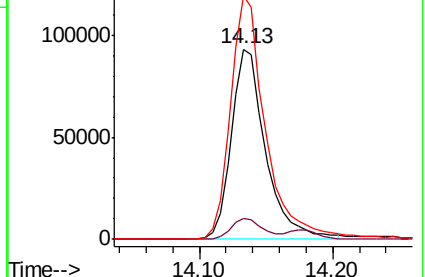
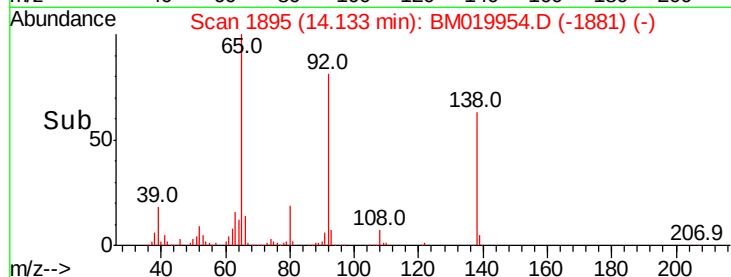
92 128.2 103.8 155.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 34.075 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

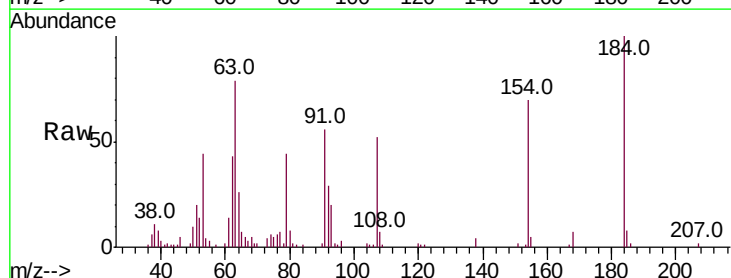
Tgt Ion:184 Resp: 78835

Ion Ratio Lower Upper

184 100

63 78.6 62.3 93.5

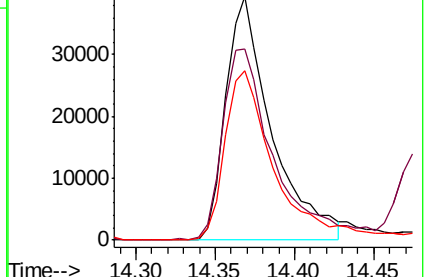
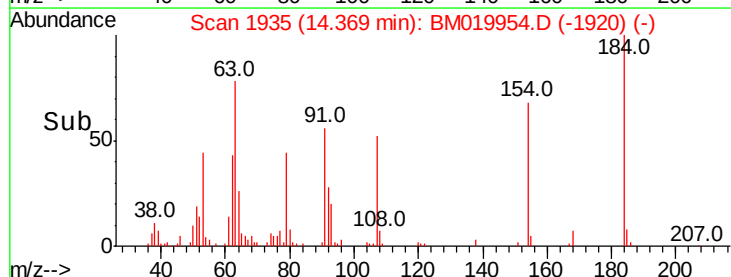
154 69.7 53.0 79.6

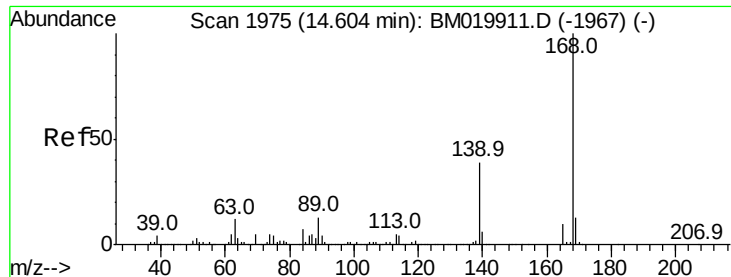


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

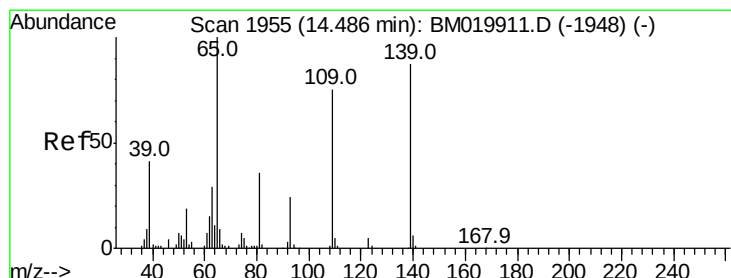
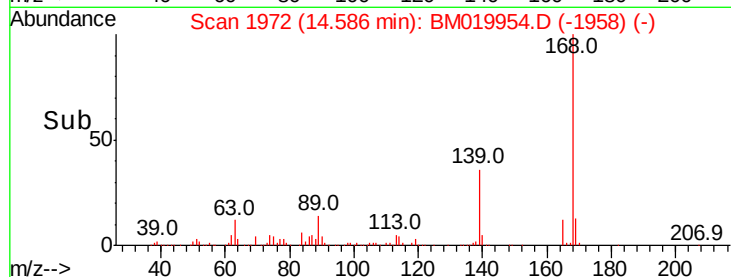
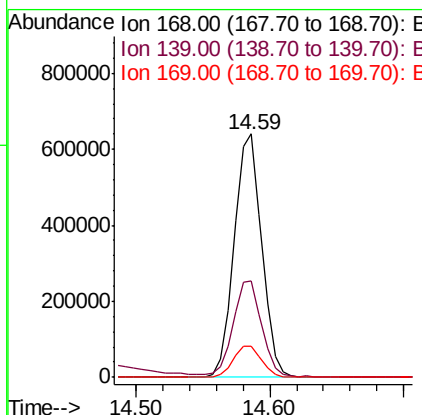
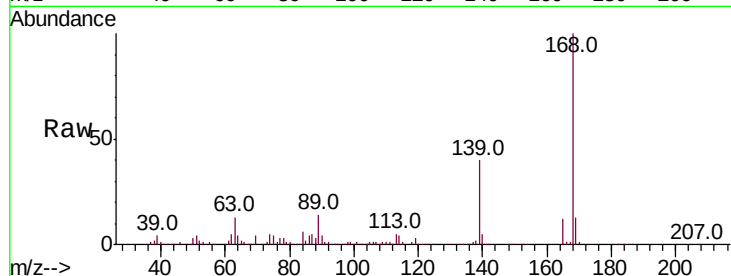




#55
 Dibenzofuran
 Concen: 38.119 ng
 RT: 14.59 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

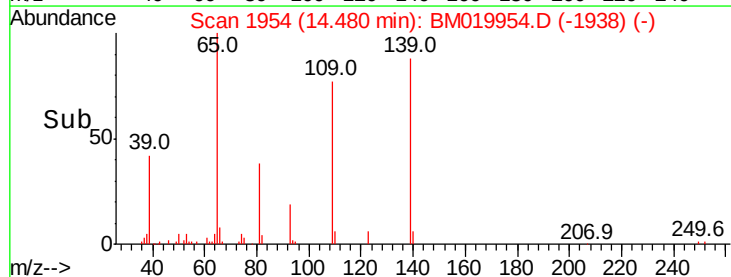
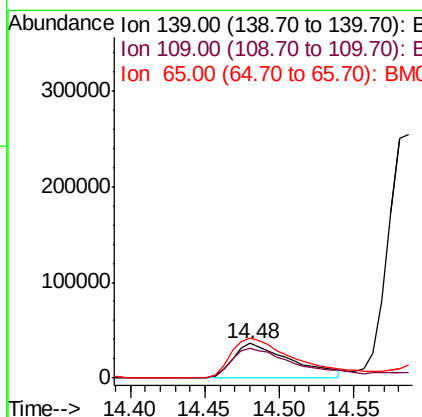
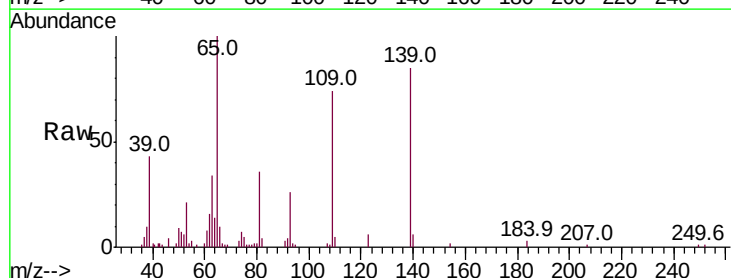
Instrument :
 BNA_M
 ClientSampleId :

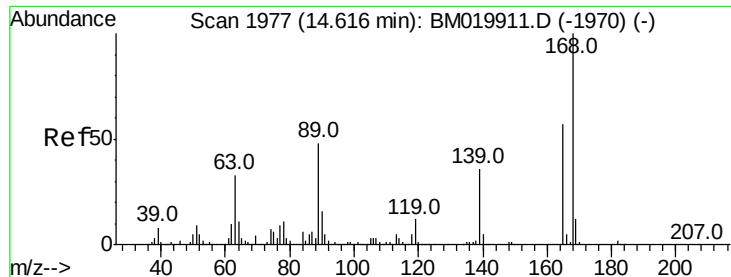
Tot Ion:168 Resp: 916509
 Ion Ratio Lower Upper
 168 100
 139 39.7 31.5 47.3
 169 12.6 10.6 16.0



#56
 4-Nitrophenol
 Concen: 31.742 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

Tgt Ion:139 Resp: 99013
 Ion Ratio Lower Upper
 139 100
 109 87.3 65.3 105.3
 65 117.4 94.9 134.9

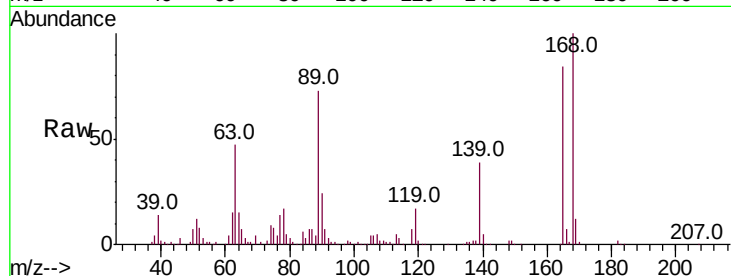




#57
2,4-Dinitrotoluene
Concen: 36.529 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.0	46.0	69.0
89	85.9	67.5	101.3
182	2.8	2.4	3.6



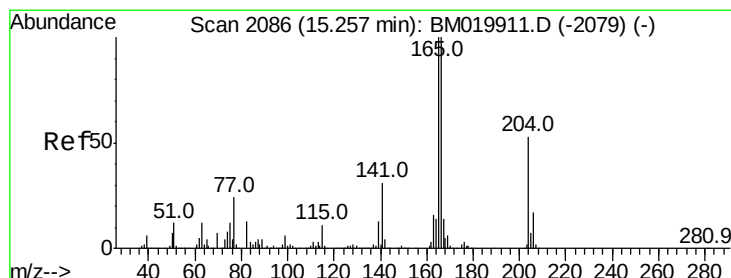
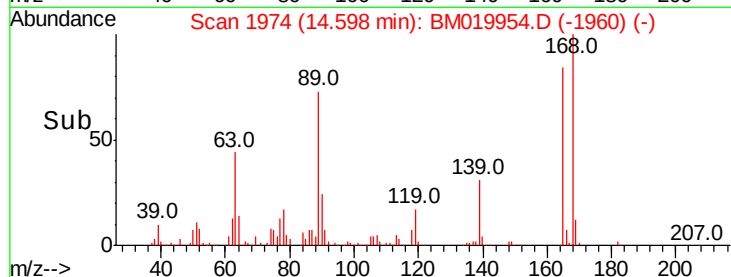
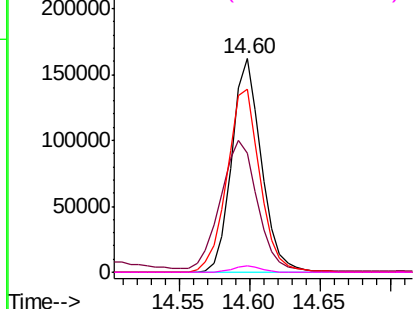
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

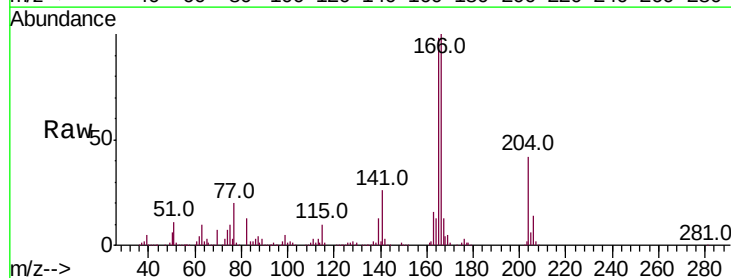
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.809 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.1	120.1
167	12.9	11.0	16.4

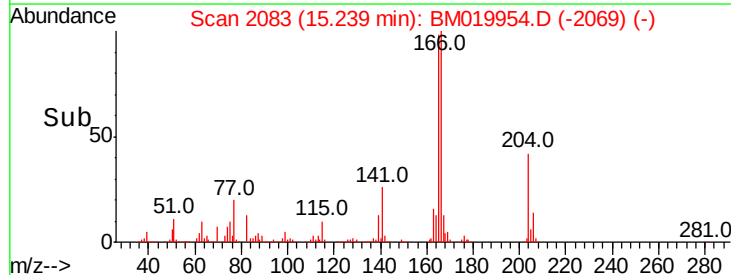
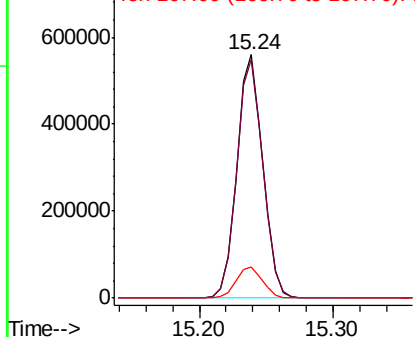


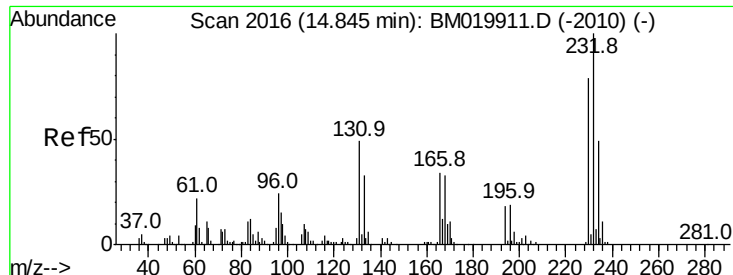
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

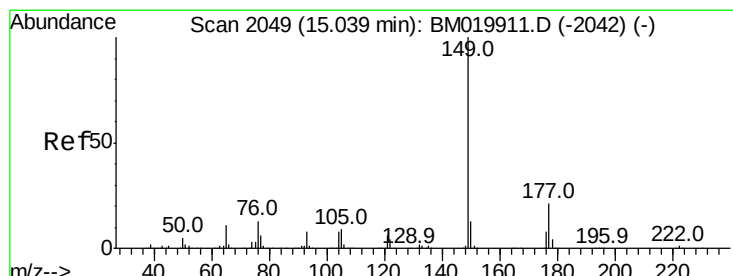
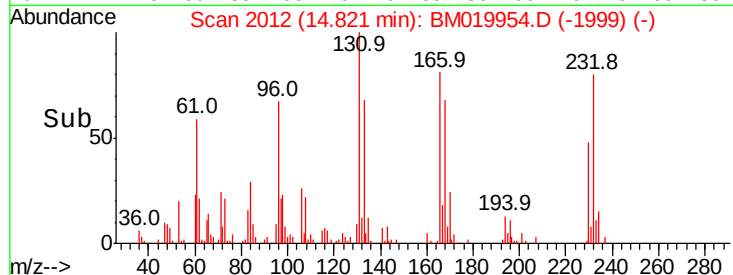
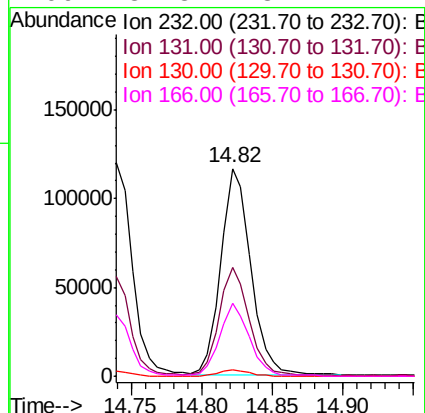
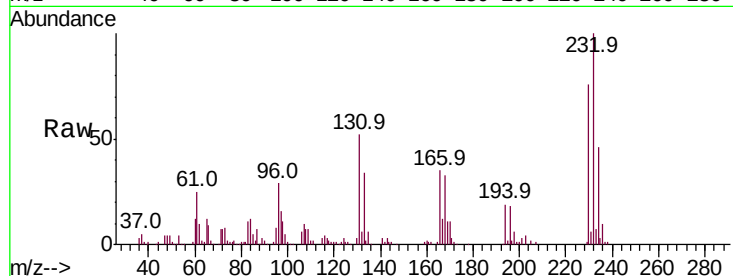




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.393 ng
 RT: 14.82 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

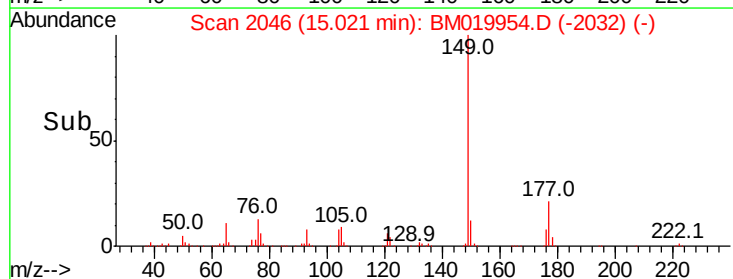
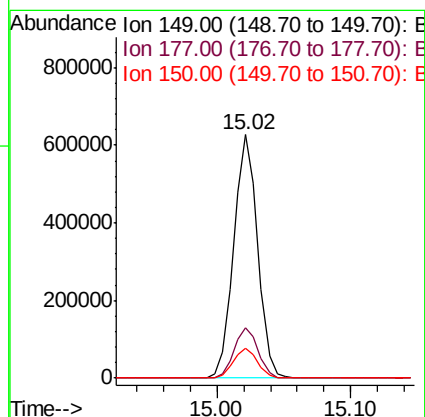
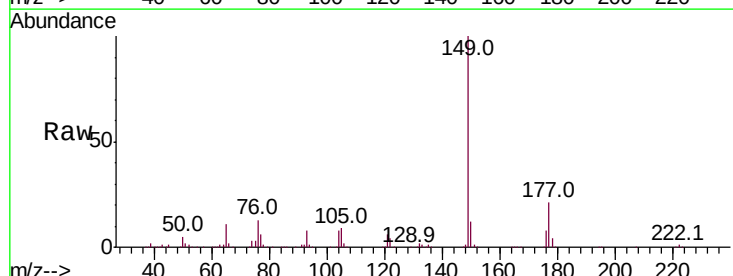
Instrument :
 BNA_M
 ClientSampleId :

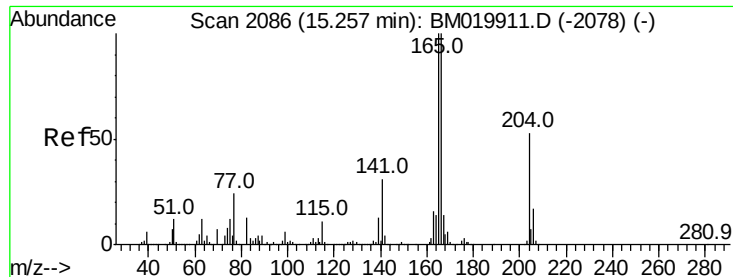
Tot Ion:	232	Resp:	171337
Ion	Ratio	Lower	Upper
232	100		
131	52.7	42.1	63.1
130	3.0	2.2	3.4
166	34.3	28.1	42.1



#60
 Diethylphthalate
 Concen: 37.079 ng
 RT: 15.02 min Scan# 2046
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

Tgt Ion:	149	Resp:	784715
Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.6	25.0
150	12.4	10.0	15.0

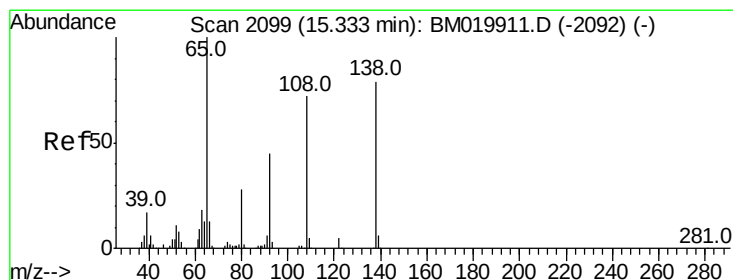
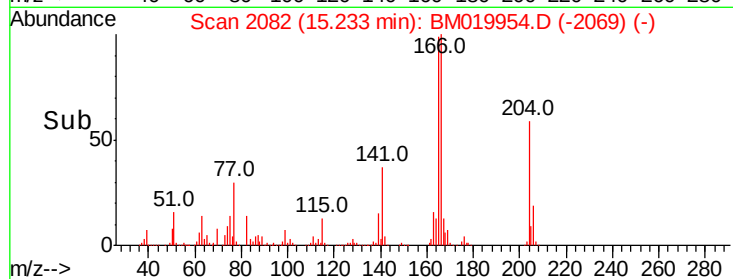
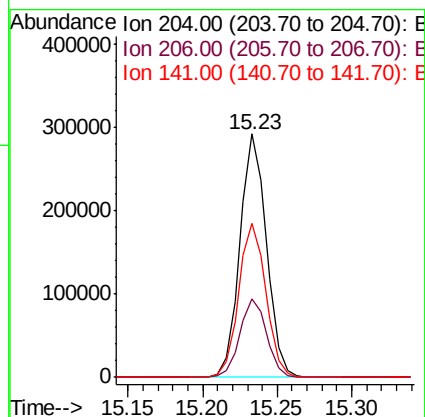
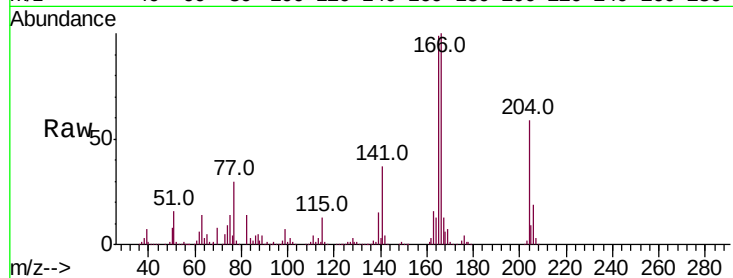




#61
4-Chlorophenyl-phenylether
Concen: 36.870 ng
RT: 15.23 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

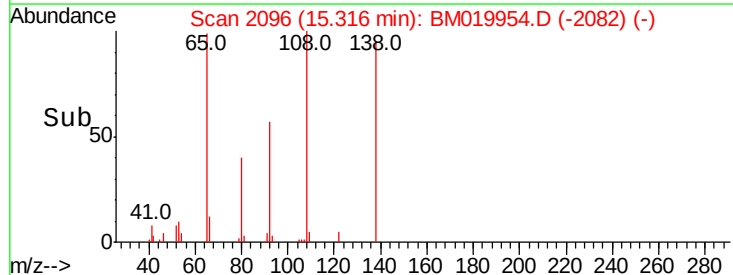
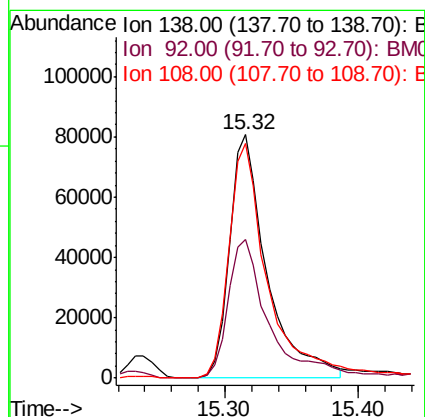
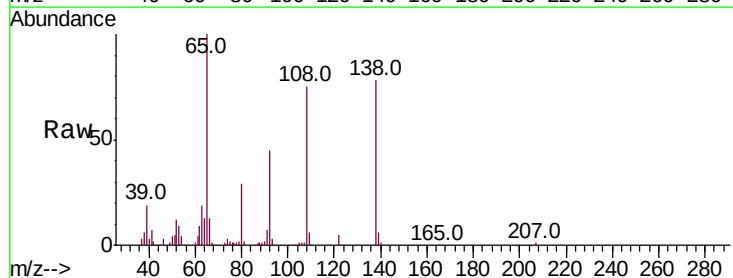
Instrument :
BNA_M
ClientSampled :

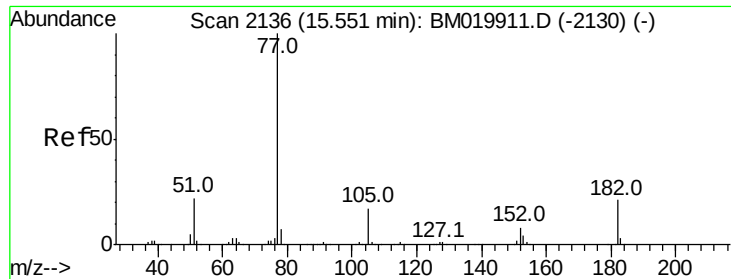
Tot Ion:204 Resp: 361663
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 63.4 47.0 70.4



#62
4-Nitroaniline
Concen: 35.690 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion:138 Resp: 157991
Ion Ratio Lower Upper
138 100
92 57.0 36.8 76.8
108 96.2 71.5 111.5

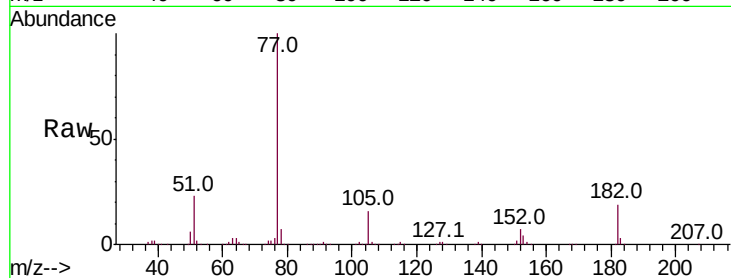




#63
Azobenzene
Concen: 38.211 ng
RT: 15.53 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	19.4	1.0	41.0
105	16.4	0.0	37.1
51	22.8	2.1	42.1



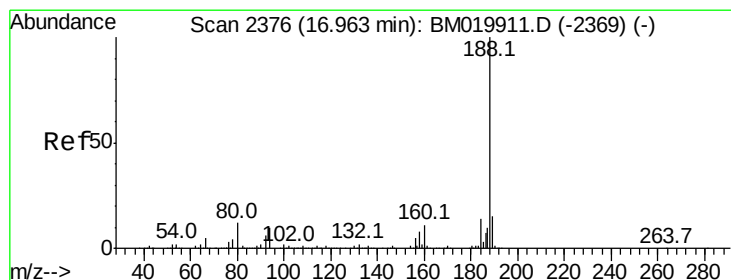
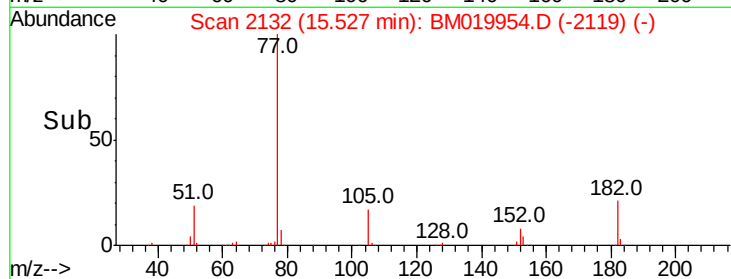
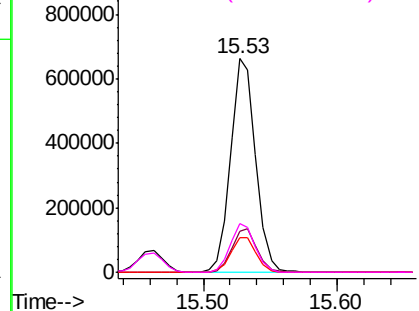
Abundance

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

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

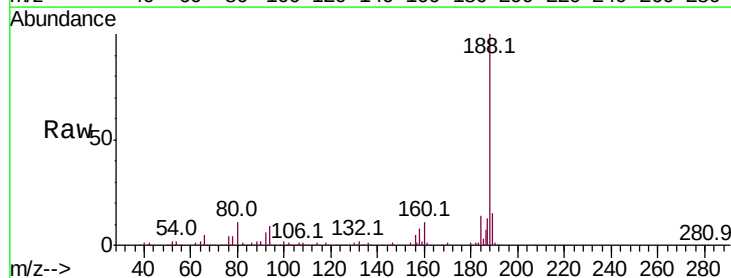
Ion 105.00 (104.70 to 105.70): BM019911.D (-2130) (-)

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



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	11.3	9.4	14.0

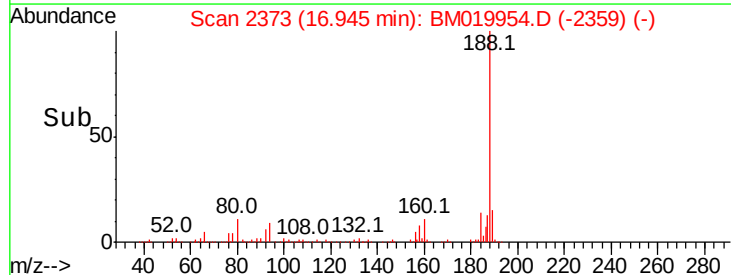
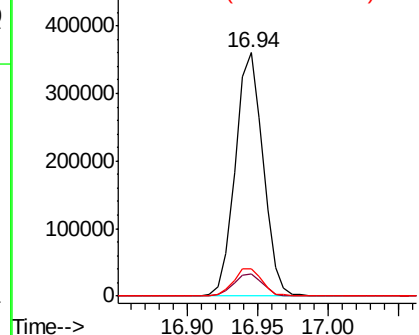


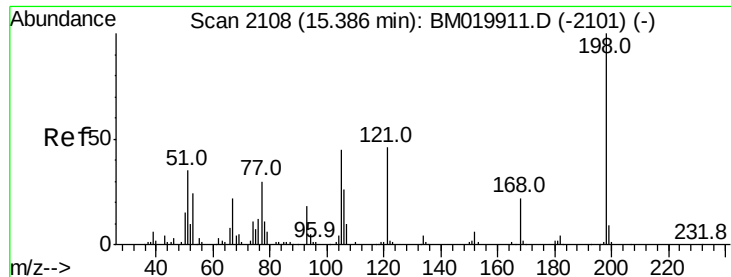
Abundance

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

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

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





#65

4,6-Dinitro-2-methylphenol

Concen: 36.639 ng

RT: 15.37 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

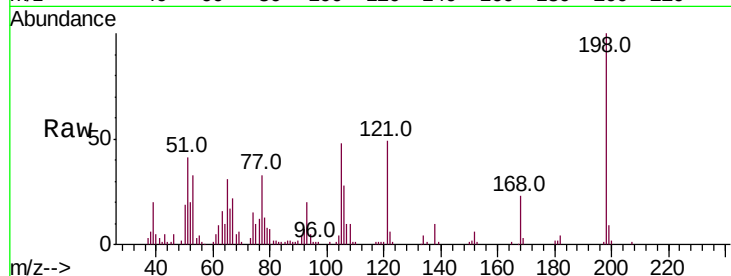
Tot Ion:198 Resp: 115788

Ion Ratio Lower Upper

198 100

51 41.0 17.9 57.9

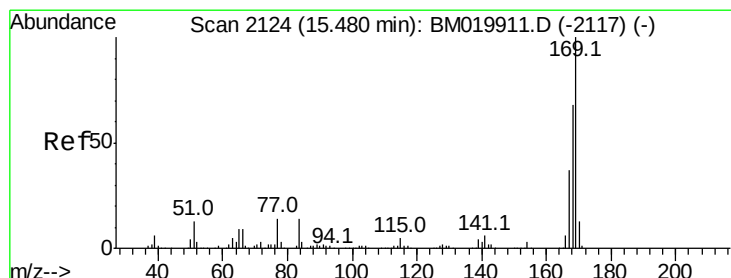
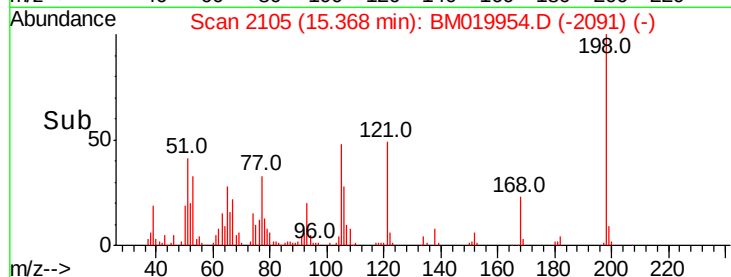
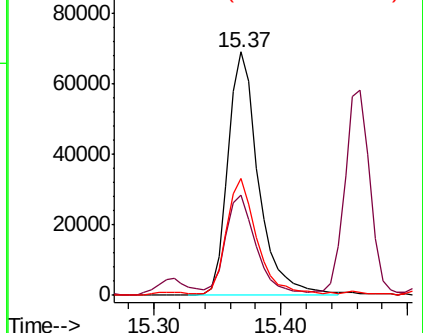
105 48.2 26.1 66.1



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: 38.378 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

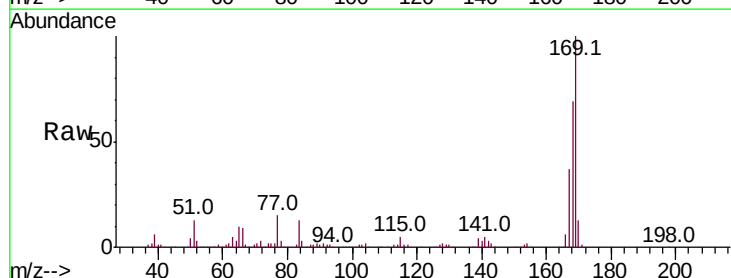
Tgt Ion:169 Resp: 621451

Ion Ratio Lower Upper

169 100

168 69.4 54.7 82.1

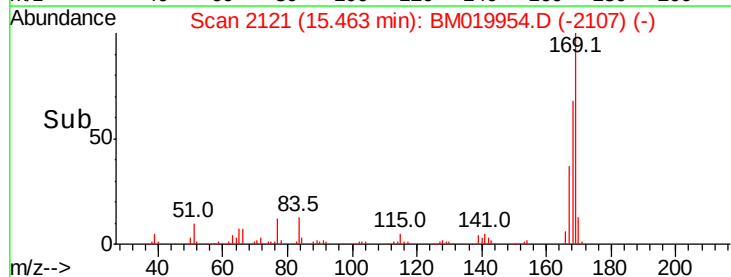
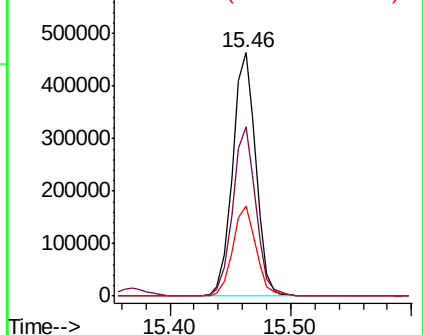
167 36.8 29.4 44.0

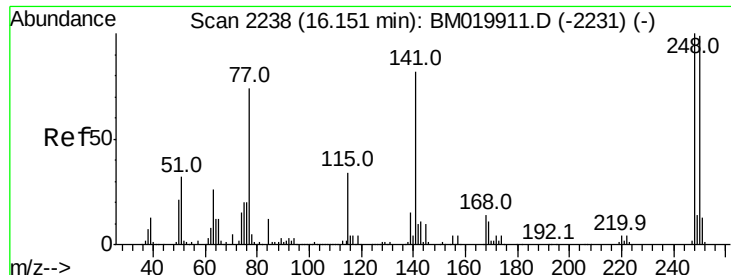


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

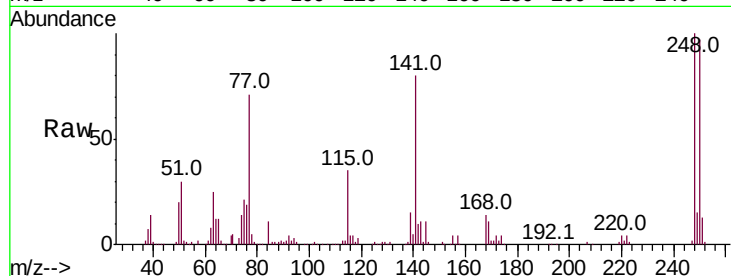




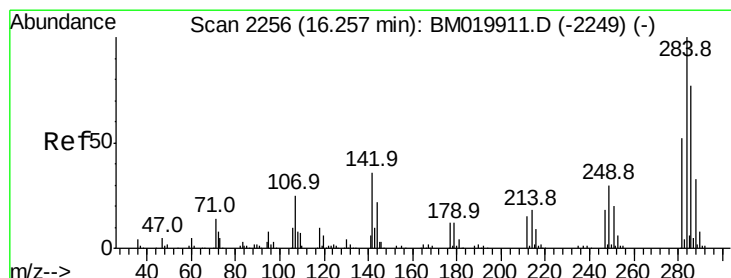
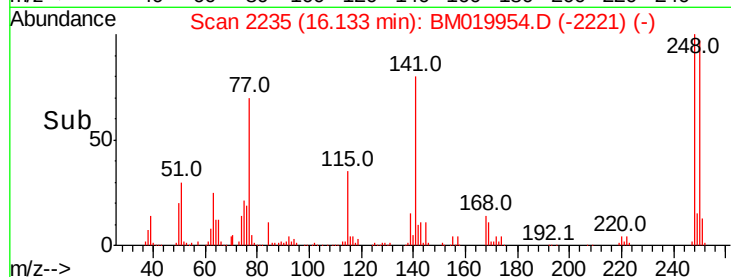
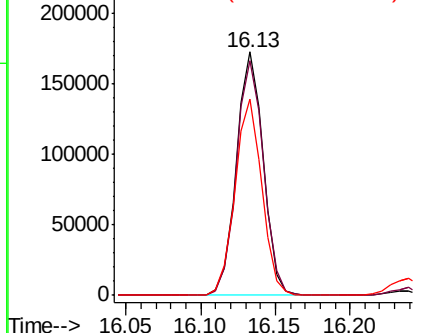
#67
 4-Bromophenyl-phenylether
 Concen: 37.925 ng
 RT: 16.13 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 215963
 Ion Ratio Lower Upper
 248 100
 250 96.5 78.9 118.3
 141 80.4 65.6 98.4

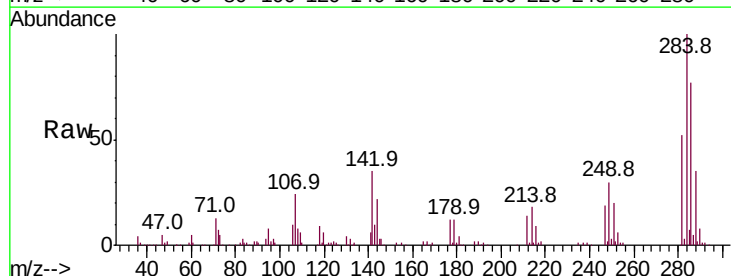


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

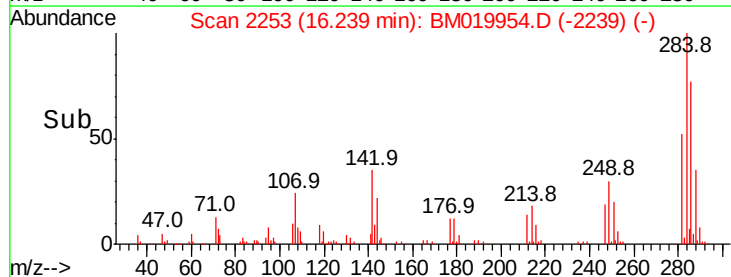
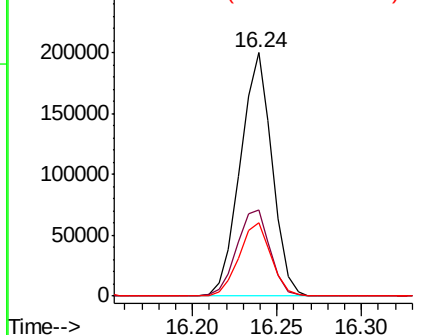


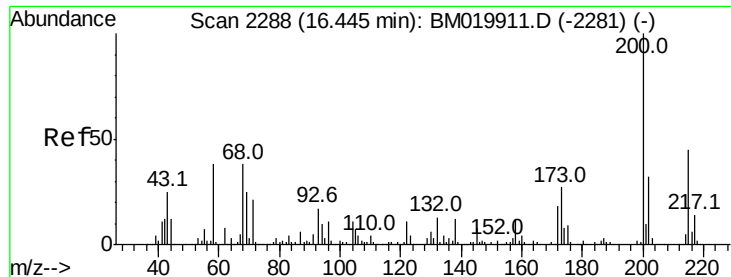
#68
 Hexachlorobenzene
 Concen: 38.332 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

Tgt Ion:284 Resp: 261914
 Ion Ratio Lower Upper
 284 100
 142 35.5 28.9 43.3
 249 30.3 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: 34.800 ng

RT: 16.43 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

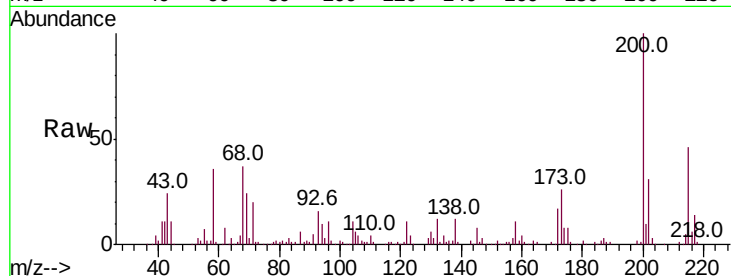
Tot Ion:200 Resp: 191298

Ion Ratio Lower Upper

200 100

173 26.1 7.2 47.2

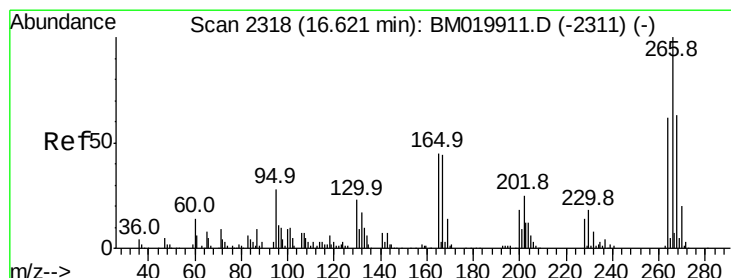
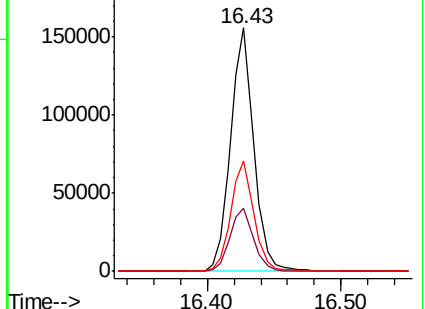
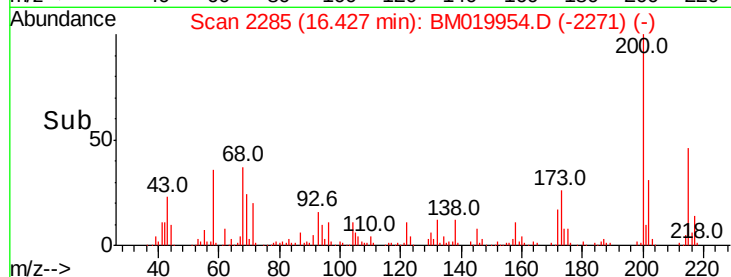
215 45.5 25.4 65.4



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: 36.464 ng

RT: 16.60 min Scan# 2315

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

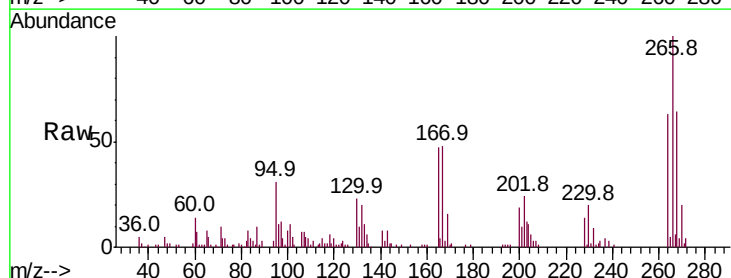
Tgt Ion:266 Resp: 127304

Ion Ratio Lower Upper

266 100

268 63.9 50.3 75.5

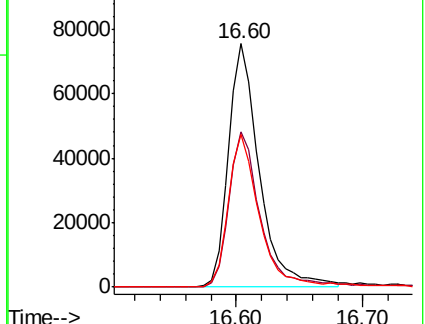
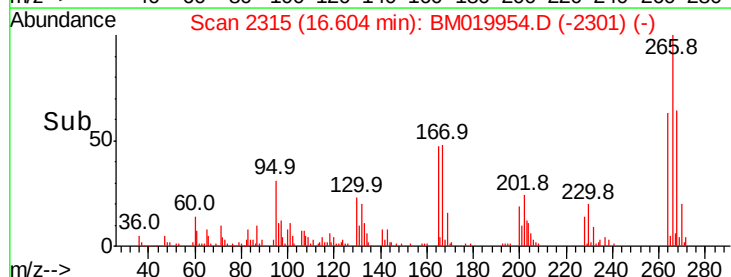
264 62.9 49.8 74.8

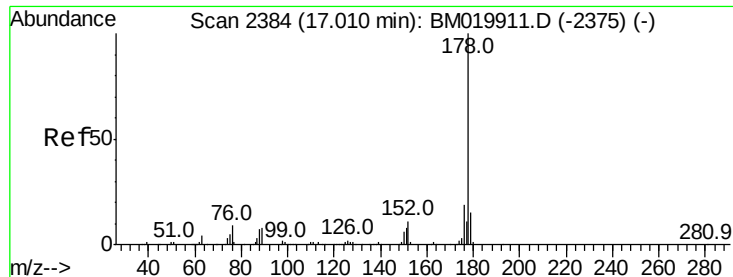


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

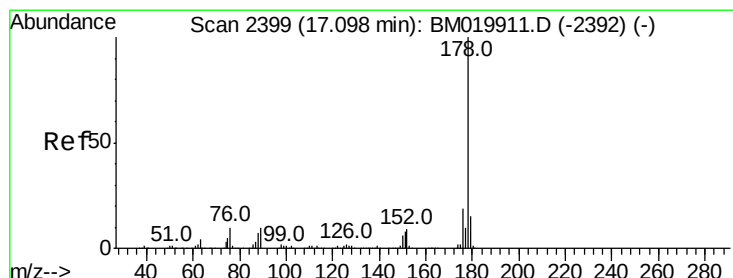
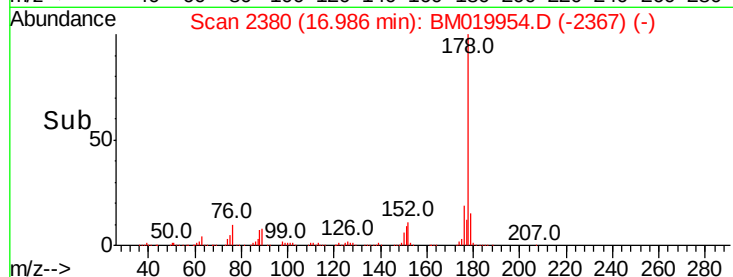
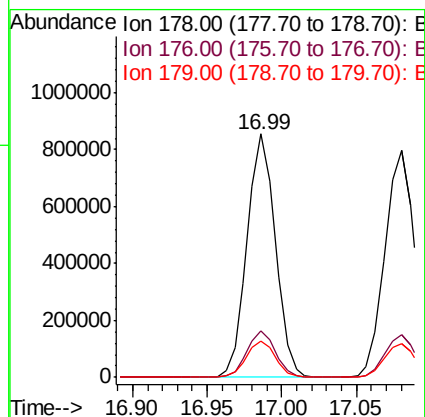
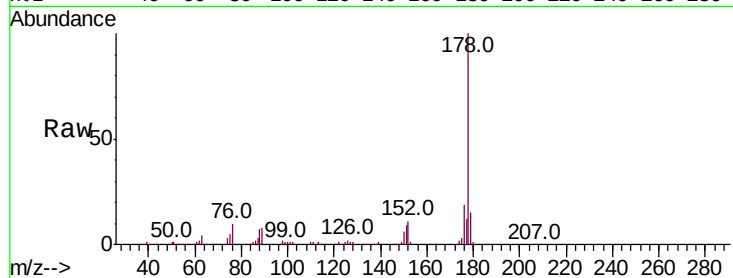




#71
Phenanthrene
Concen: 38.391 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

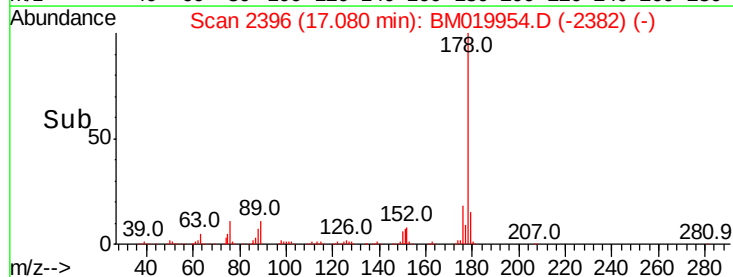
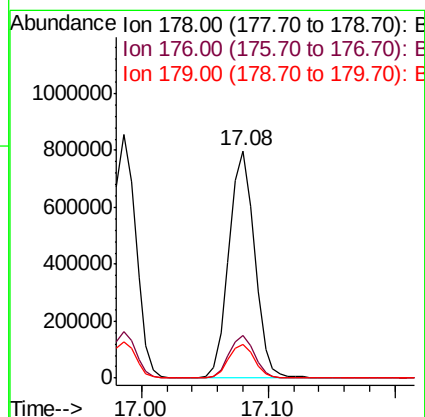
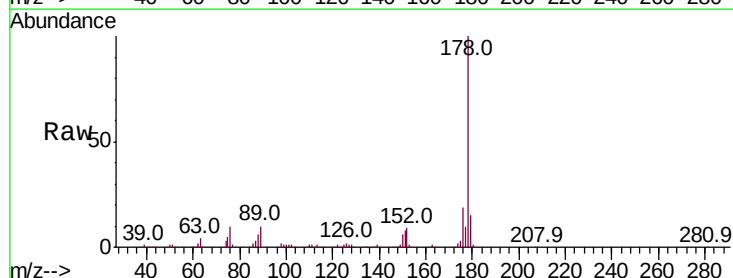
Instrument :
BNA_M
ClientSampled :

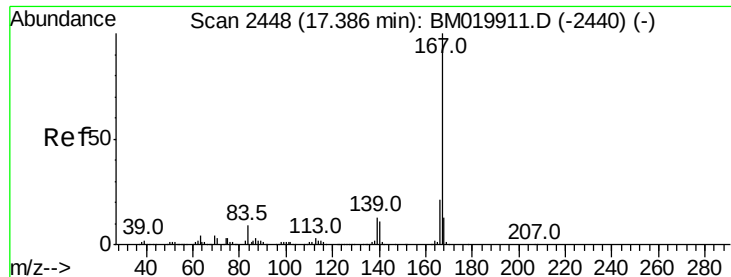
Tot Ion:178 Resp: 1128428
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 38.082 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion:178 Resp: 1114206
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 14.9 12.2 18.4



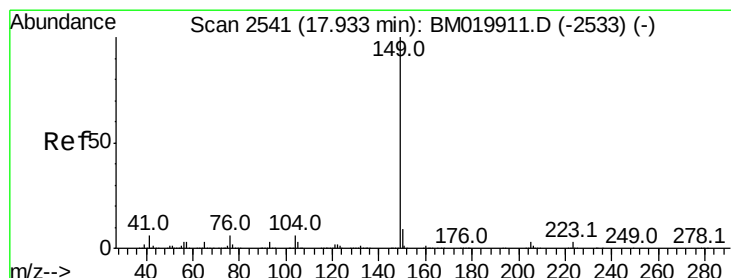
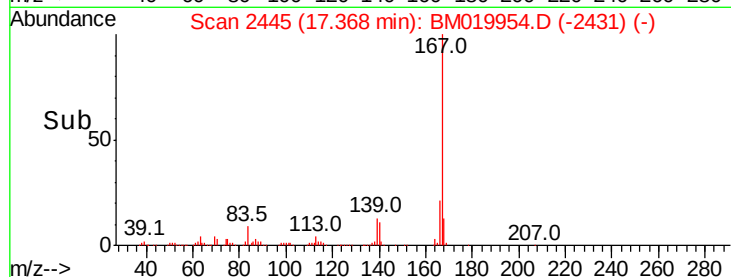
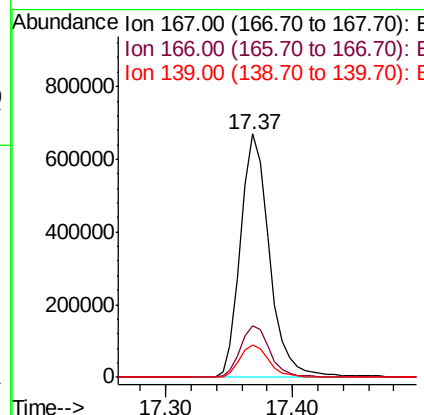
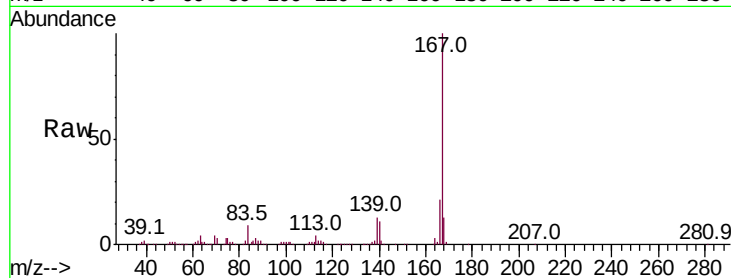


#73
 Carbazole
 Concen: 38.657 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1056010

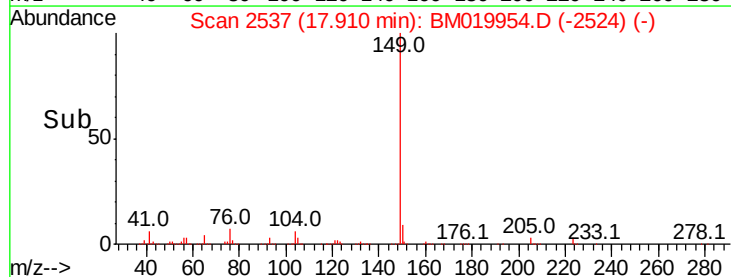
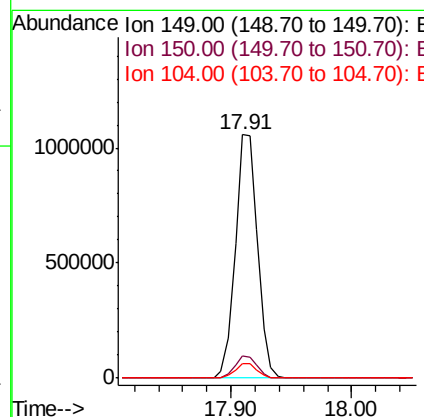
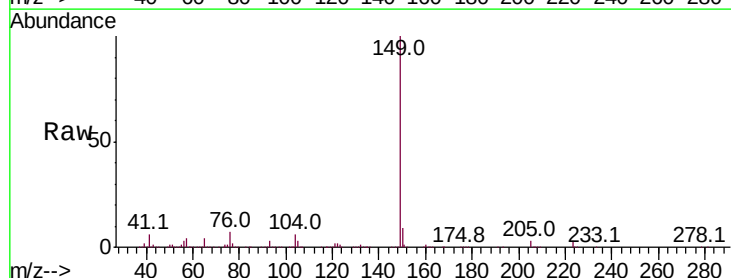
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	13.5	10.7	16.1

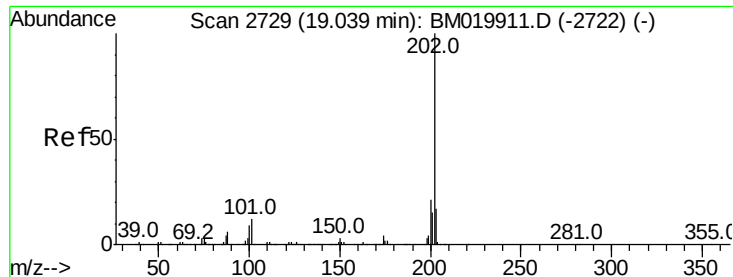


#74
 Di-n-butylphthalate
 Concen: 37.685 ng
 RT: 17.91 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BM019954.D
 Acq: 18 Apr 2019 15:26

Tgt Ion:149 Resp: 1351952

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	6.0	4.6	7.0





#75

Fluoranthene

Concen: 38.173 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

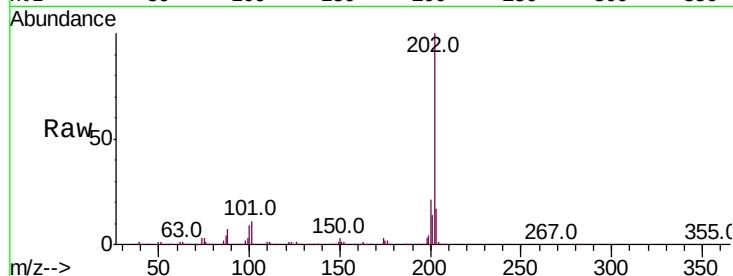
Tot Ion:202 Resp: 1291219

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.7

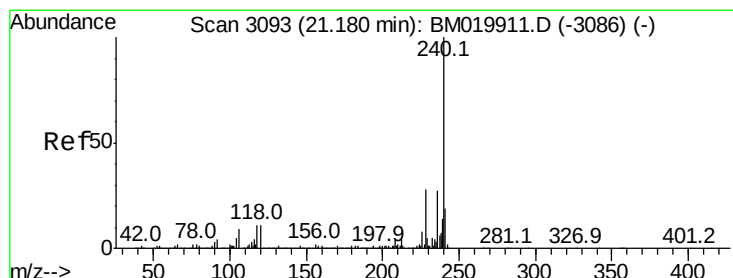
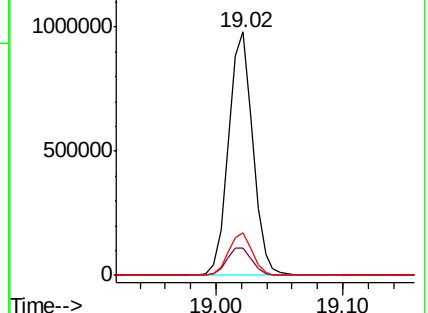
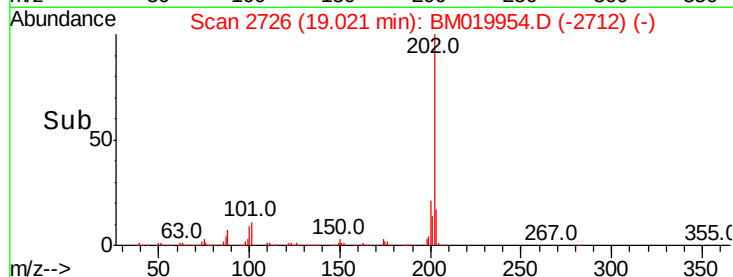
203 17.4 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

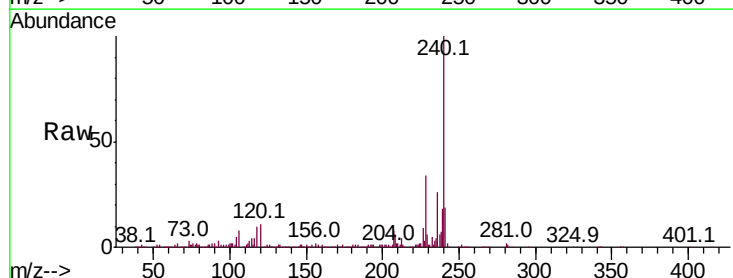
Tgt Ion:240 Resp: 521283

Ion Ratio Lower Upper

240 100

120 10.9 8.6 13.0

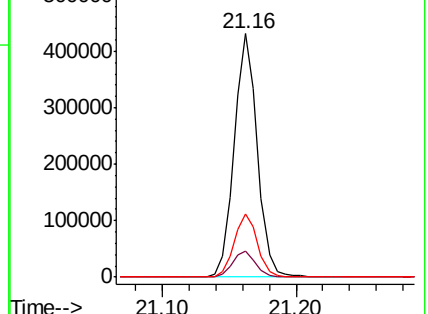
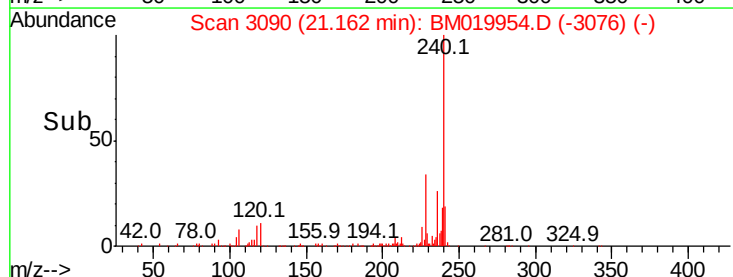
236 26.2 21.4 32.2

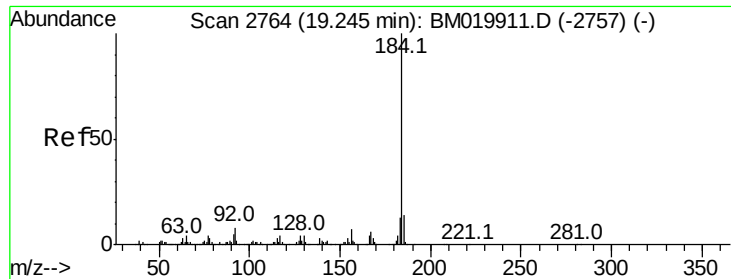


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.658 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

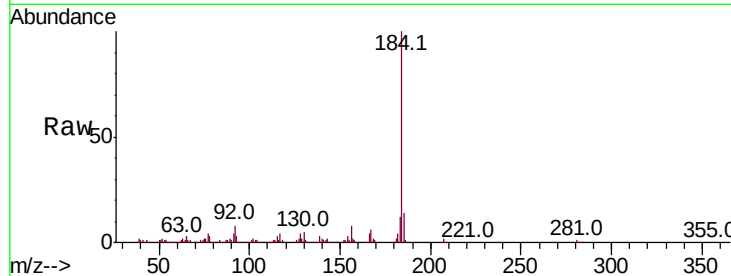
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 498479

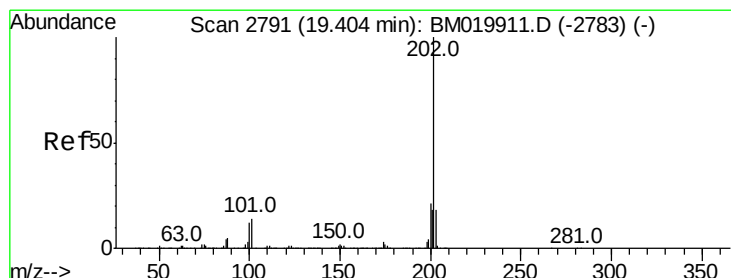
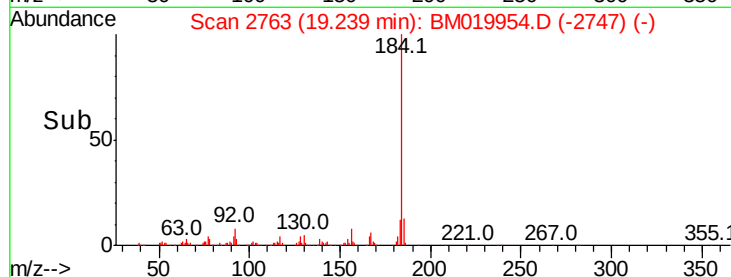
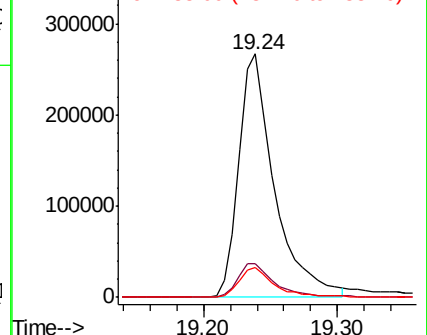
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.0	16.6
183	12.3	10.1	15.1



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: 38.966 ng

RT: 19.39 min Scan# 2788

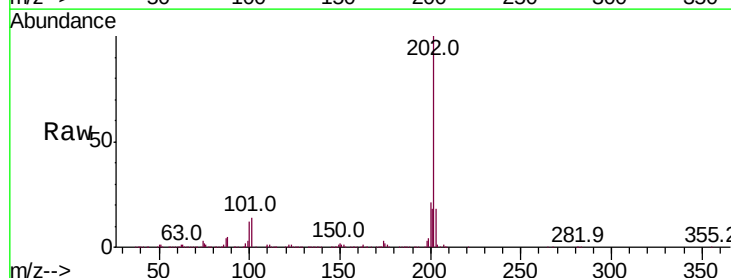
Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Tgt Ion:202 Resp: 1345152

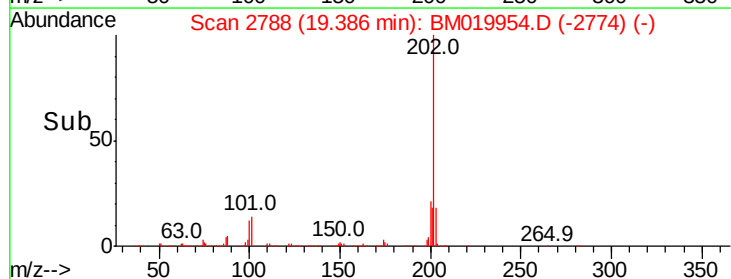
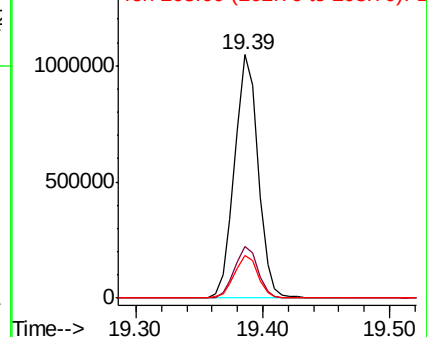
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.6	14.0	21.0

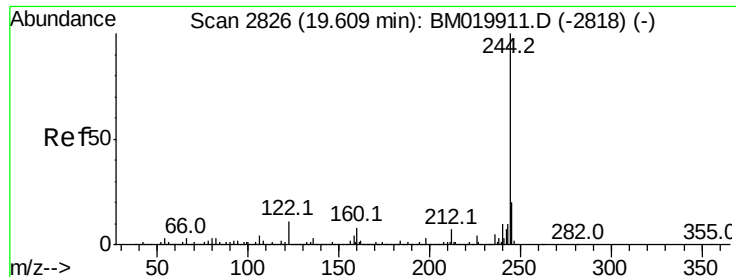


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.957 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampled :

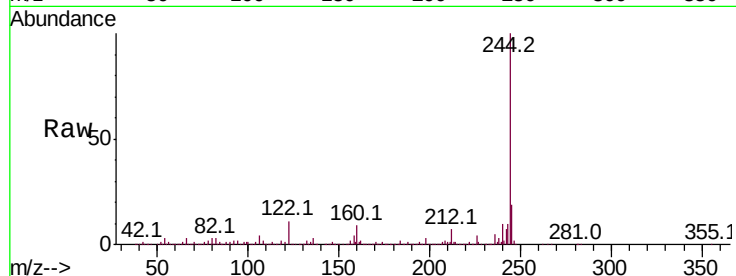
Tot Ion:244 Resp: 2215281

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

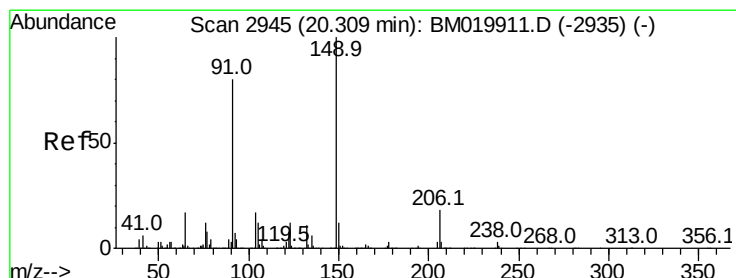
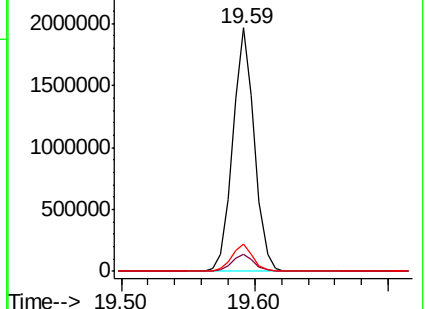
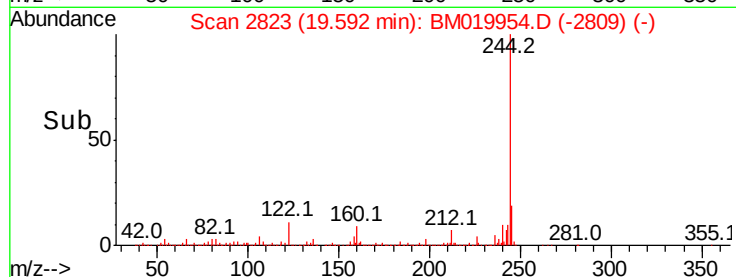
122 11.2 9.1 13.7



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: 38.580 ng

RT: 20.30 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

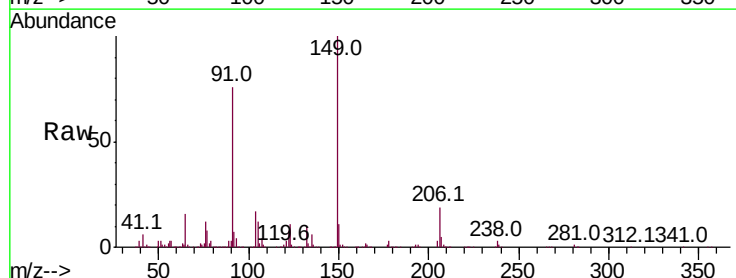
Tgt Ion:149 Resp: 645682

Ion Ratio Lower Upper

149 100

91 75.7 63.7 95.5

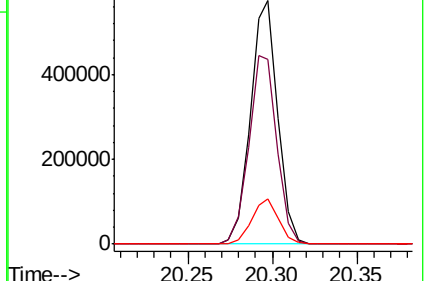
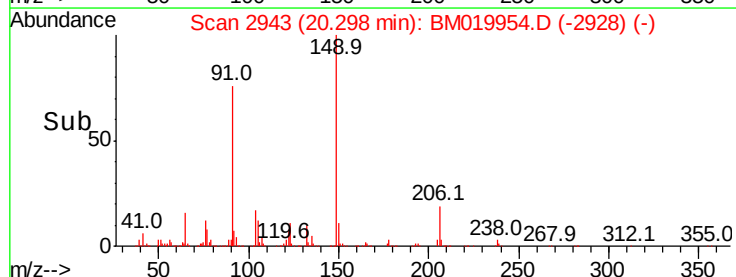
206 18.8 14.6 21.8

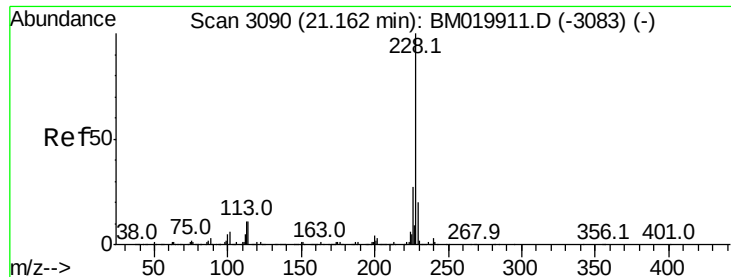


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.578 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

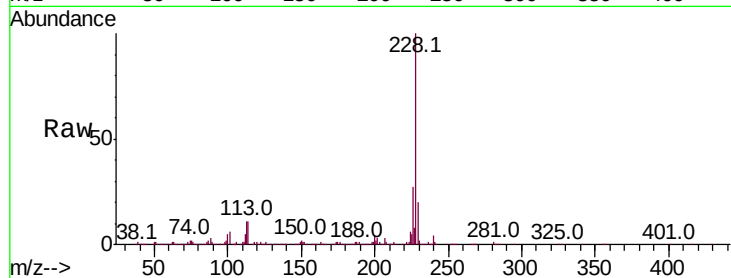
Tot Ion:228 Resp: 1339949

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.6

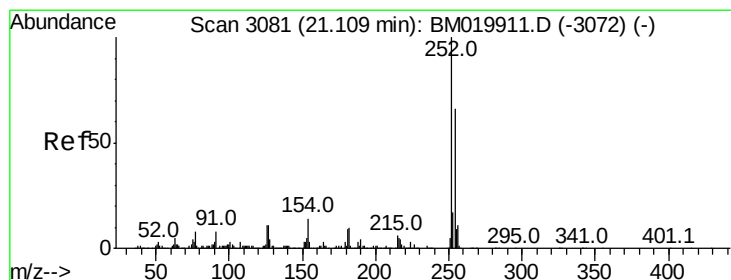
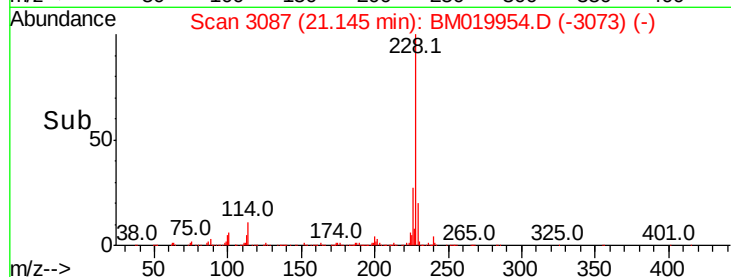
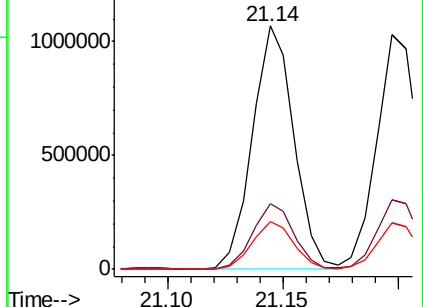
229 19.7 15.9 23.9



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: 42.367 ng

RT: 21.09 min Scan# 3078

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

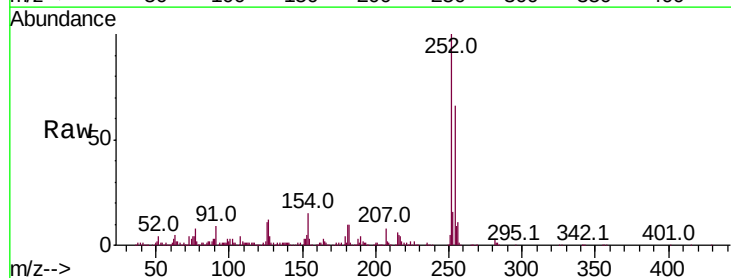
Tgt Ion:252 Resp: 520524

Ion Ratio Lower Upper

252 100

254 65.5 52.6 78.8

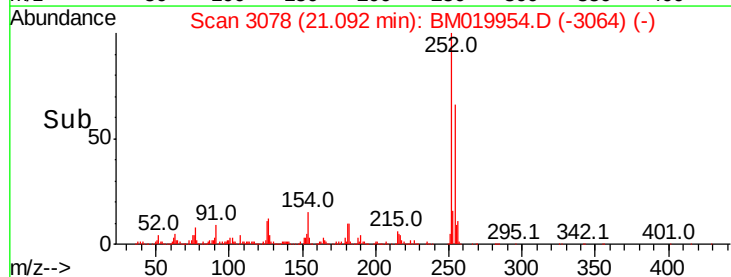
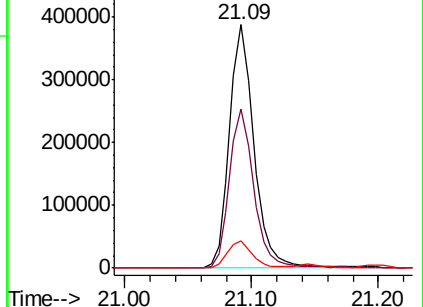
126 11.3 8.6 12.8

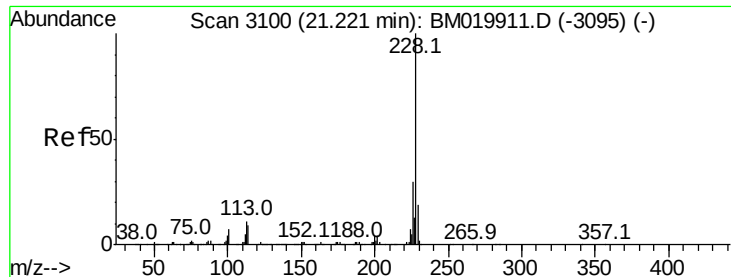


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.068 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

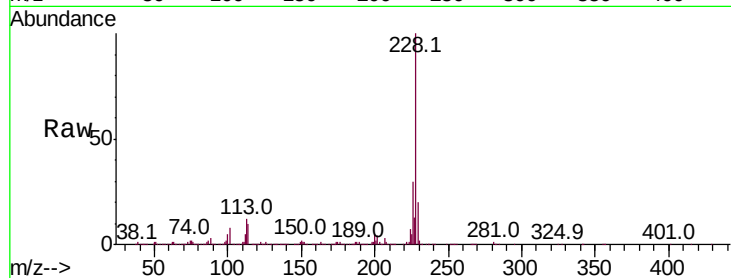
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1300554

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	19.7	15.6	23.4

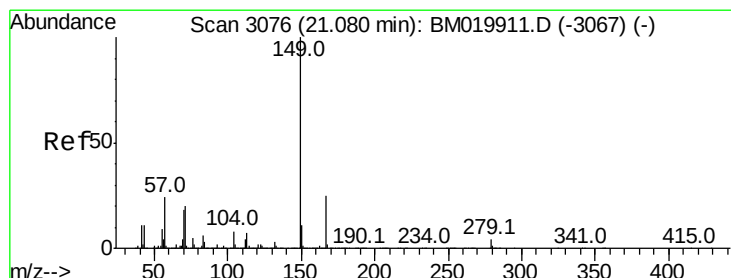
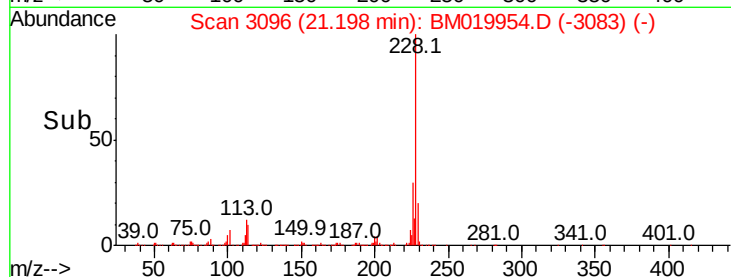
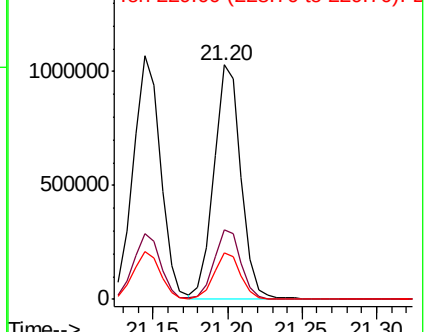


Abundance

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: 37.810 ng

RT: 21.06 min Scan# 3073

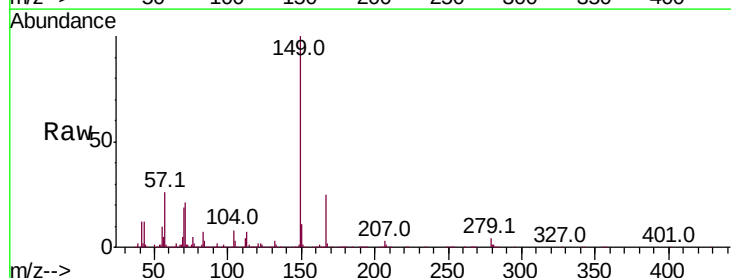
Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Tgt Ion:149 Resp: 942089

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.3	30.5
279	4.1	3.4	5.2

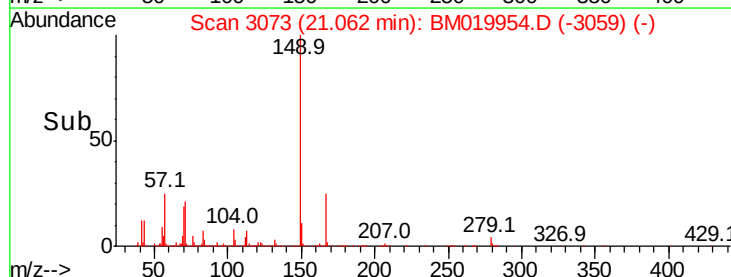
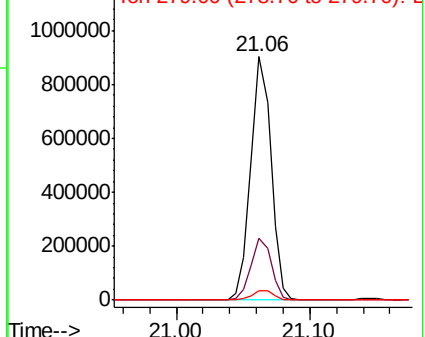


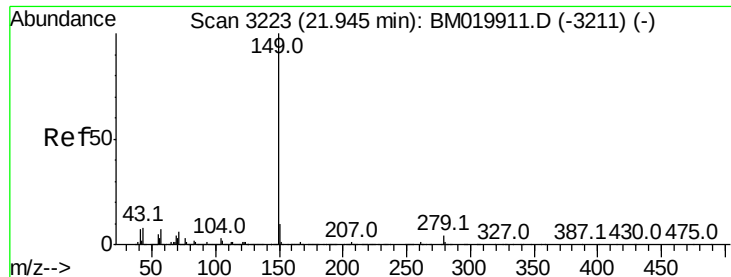
Abundance

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: 40.659 ng

RT: 21.93 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

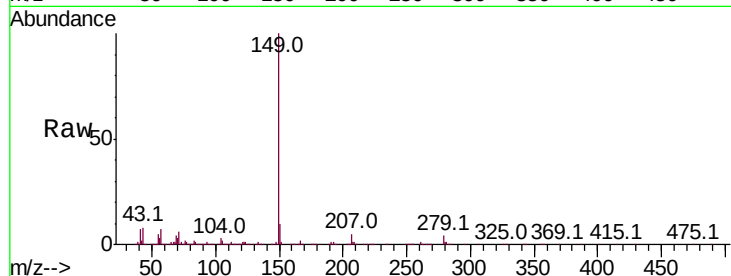
Tot Ion:149 Resp: 1643828

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

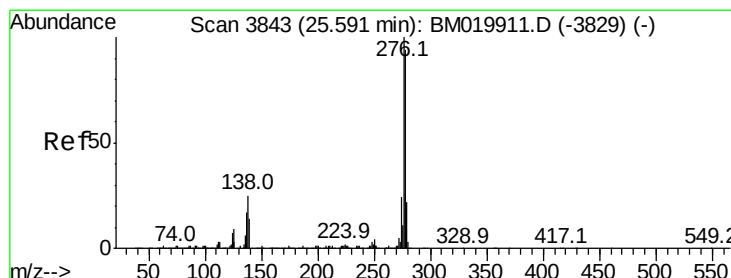
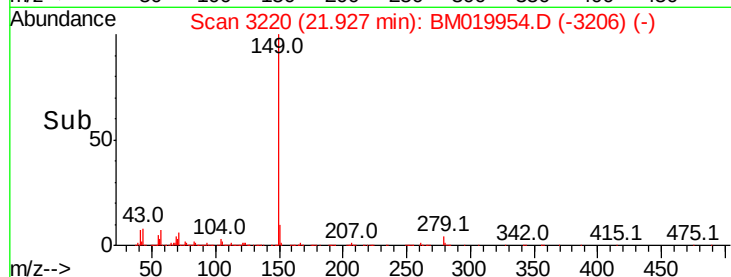
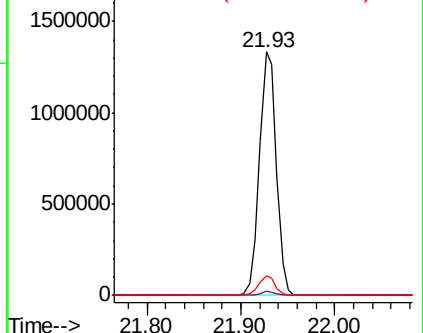
43 7.7 6.0 9.0



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.476 ng

RT: 25.55 min Scan# 3836

Delta R.T. -0.04 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

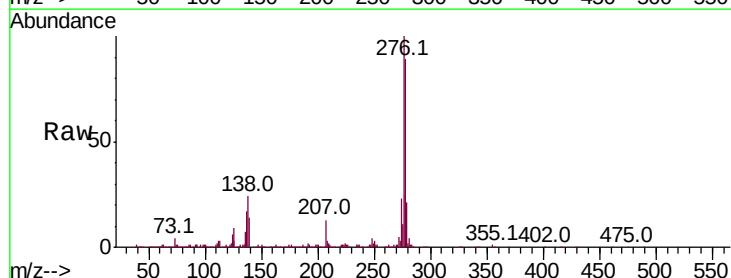
Tgt Ion:276 Resp: 1821704

Ion Ratio Lower Upper

276 100

138 23.6 19.0 28.6

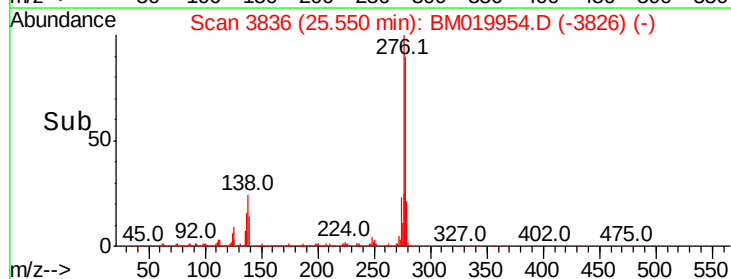
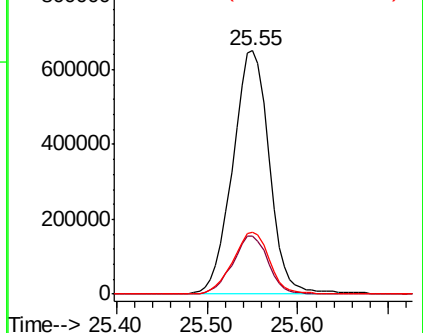
277 25.6 20.3 30.5

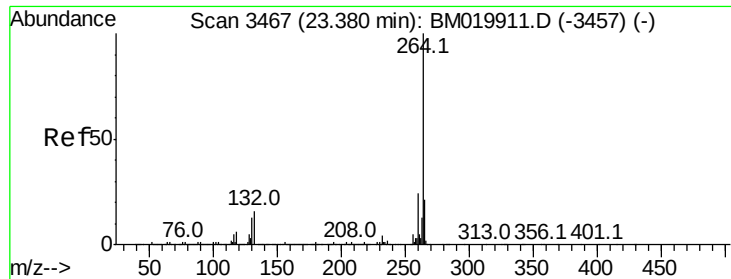


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM019954.D

Acq: 18 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

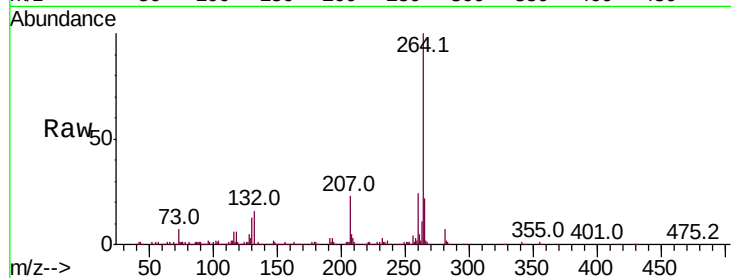
Tot Ion:264 Resp: 600294

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.0 17.2 25.8

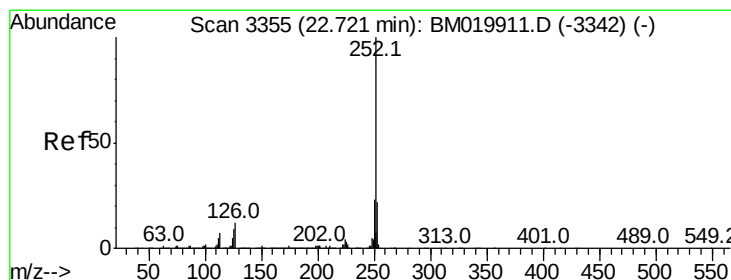
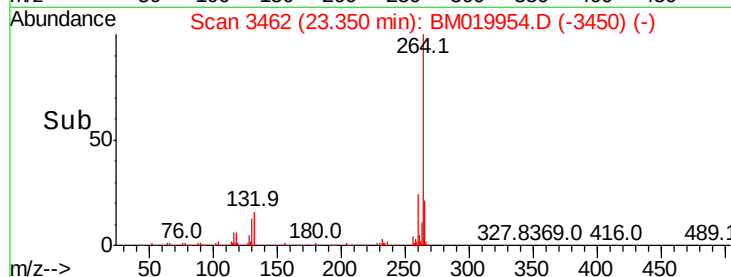
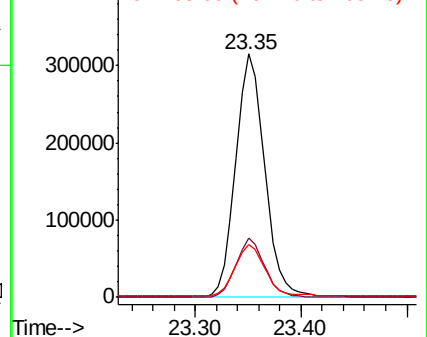


Abundance

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: 35.626 ng

RT: 22.70 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

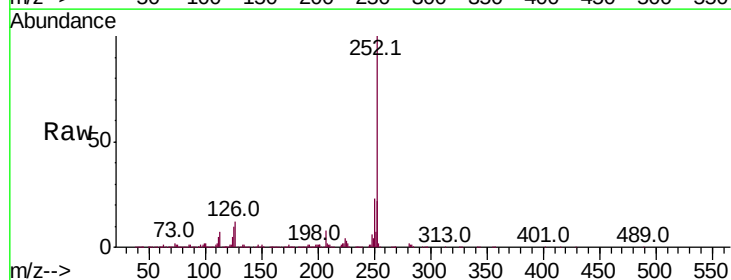
Tgt Ion:252 Resp: 1420059

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.9 7.6 11.4

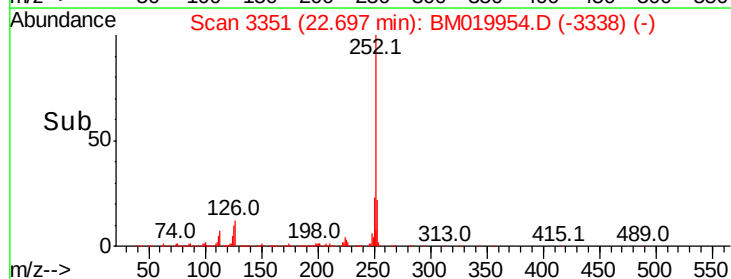
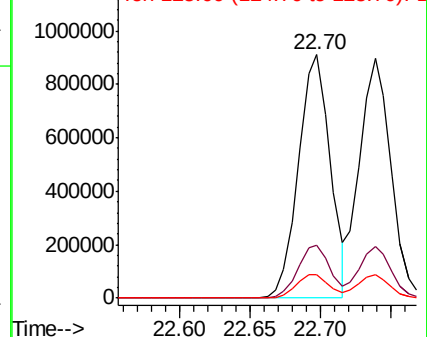


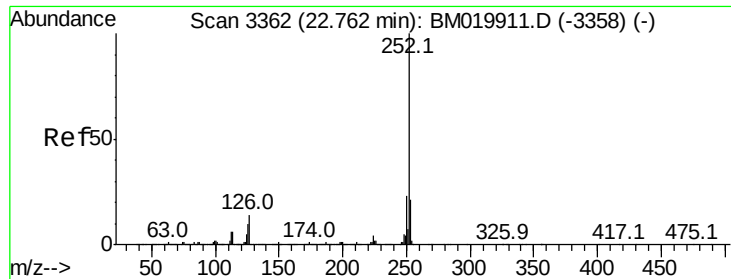
Abundance

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

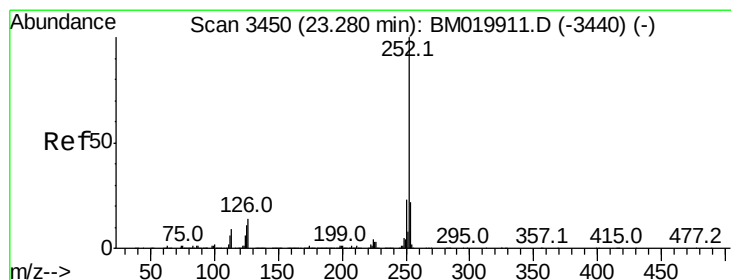
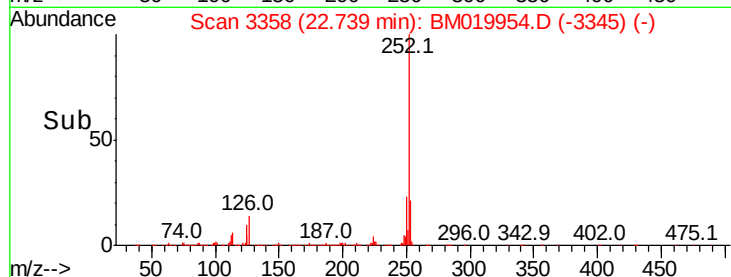
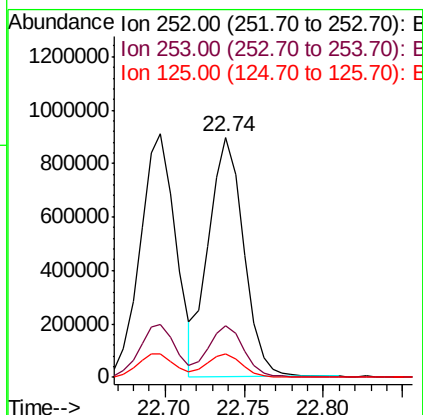
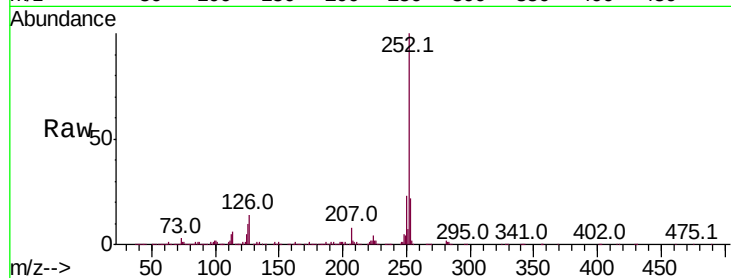




#89
Benzo(k)fluoranthene
Concen: 36.878 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

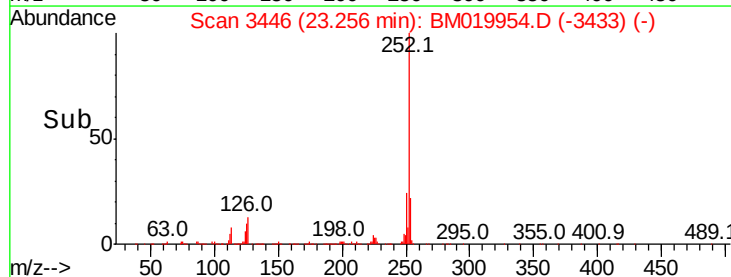
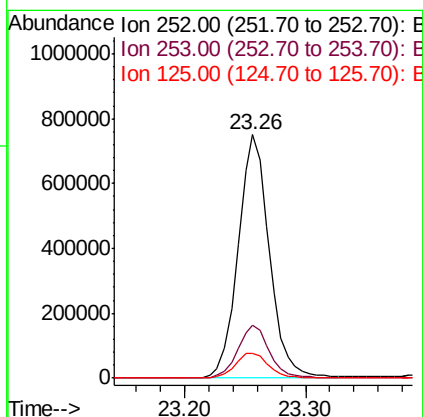
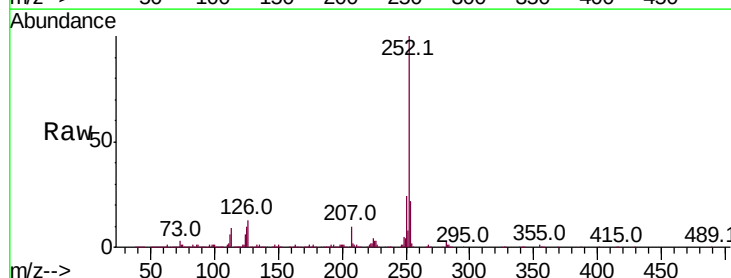
Instrument :
BNA_M
ClientSampleId :

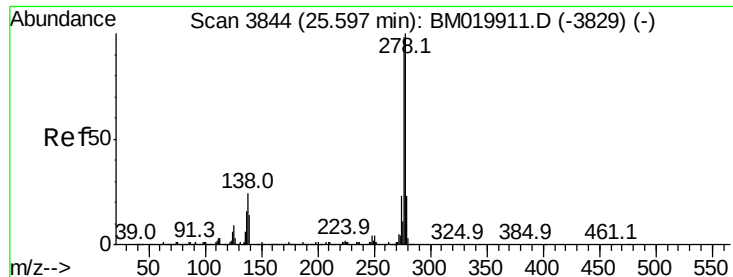
Tot Ion:252 Resp: 1383875
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 38.175 ng
RT: 23.26 min Scan# 3446
Delta R.T. -0.02 min
Lab File: BM019954.D
Acq: 18 Apr 2019 15:26

Tgt Ion:252 Resp: 1348297
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.4 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 44.939 ng

RT: 25.56 min Scan# 3837

Delta R.T. -0.04 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

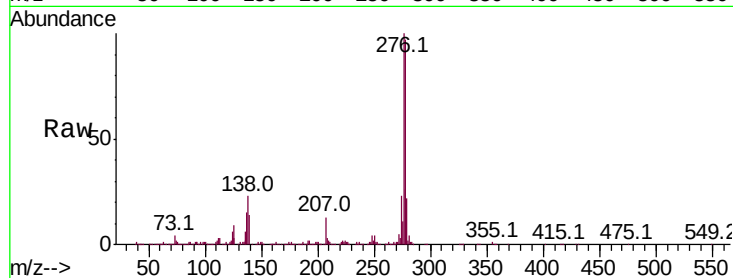
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1530261

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.6	17.4
279	23.0	18.4	27.6

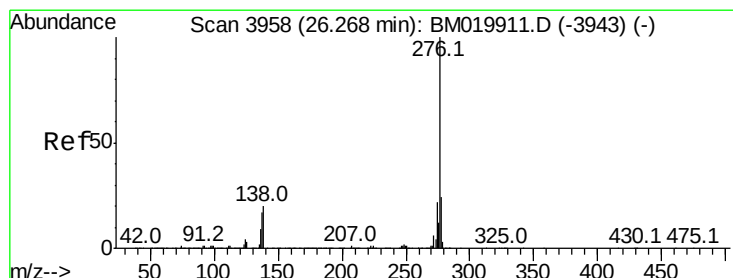
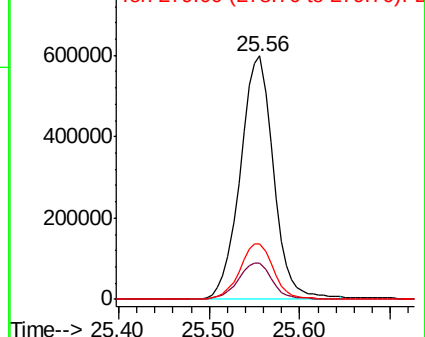
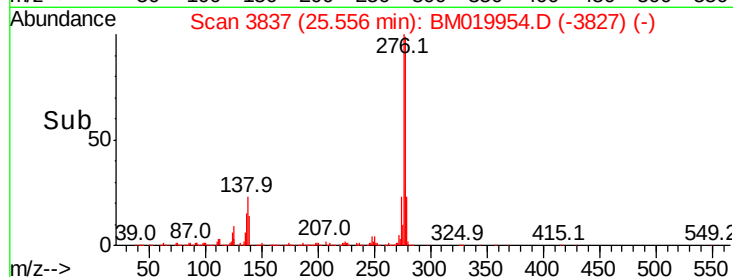


Abundance

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: 46.949 ng

RT: 26.23 min Scan# 3951

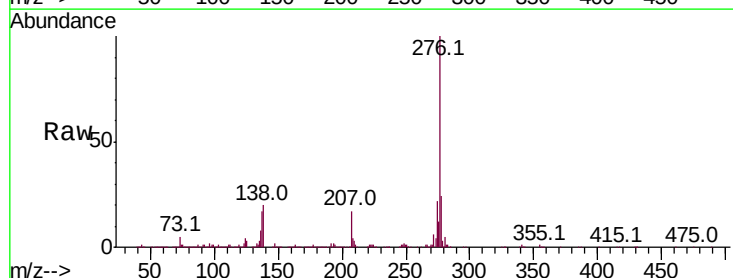
Delta R.T. -0.04 min

Lab File: BM019954.D

Acq: 18 Apr 2019 15:26

Tgt Ion:276 Resp: 1447990

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	19.6	16.2	24.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

