

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021065.D
 Acq On : 20 Jun 2019 16:35
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 20 18:03:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	216724	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	995224	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	653734	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1627780	20.00	ng	0.00
76) Chrysene-d12	21.36	240	1804990	20.00	ng	0.00
87) Perylene-d12	23.64	264	2058887	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	953517	79.67	ng	0.00
7) Phenol-d6	6.95	99	1401405	80.40	ng	0.00
23) Nitrobenzene-d5	8.95	82	1465728	76.76	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	979561	79.85	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	4110114	77.27	ng	0.00
79) Terphenyl-d14	19.80	244	6747821	69.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	179577	39.824	ng	99
3) Pyridine	3.72	79	561274	43.284	ng	99
4) n-Nitrosodimethylamine	3.63	42	205461	41.150	ng	# 99
6) Aniline	7.12	93	947253	40.805	ng	99
8) 2-Chlorophenol	7.35	128	584876	39.705	ng	99
9) Benzaldehyde	6.93	77	374032	42.822	ng	99
10) Phenol	6.98	94	715182	40.164	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	552617	39.199	ng	99
12) 1,3-Dichlorobenzene	7.67	146	699136	39.175	ng	99
13) 1,4-Dichlorobenzene	7.82	146	711238	39.199	ng	100
14) 1,2-Dichlorobenzene	8.13	146	694471	39.056	ng	98
15) Benzyl Alcohol	8.03	79	570524	40.427	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.31	45	729998	40.033	ng	99
17) 2-Methylphenol	8.22	107	510712	40.153	ng	100
18) Hexachloroethane	8.85	117	254224	39.024	ng	96
19) n-Nitroso-di-n-propylamine	8.59	70	515445	40.638	ng	99
20) 3+4-Methylphenols	8.55	107	713518	40.755	ng	99
22) Acetophenone	8.61	105	985083	38.842	ng	99
24) Nitrobenzene	8.99	77	740066	39.123	ng	99
25) Isophorone	9.51	82	1401533	39.225	ng	99
26) 2-Nitrophenol	9.69	139	356117	38.448	ng	98
27) 2,4-Dimethylphenol	9.75	122	534179	39.541	ng	100
28) bis(2-Chloroethoxy)methane	9.99	93	860365	38.751	ng	100
29) 2,4-Dichlorophenol	10.22	162	674839	38.597	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	782312	37.957	ng	99
31) Naphthalene	10.62	128	2046724	38.861	ng	99
32) Benzoic acid	9.90	122	425316	38.916	ng	99
33) 4-Chloroaniline	10.74	127	943888	39.478	ng	100
34) Hexachlorobutadiene	10.89	225	484656	37.242	ng	99
35) Caprolactam	11.55	113	221395	40.484	ng	98
36) 4-Chloro-3-methylphenol	11.86	107	705670	39.663	ng	100
37) 2-Methylnaphthalene	12.23	142	1578063	38.941	ng	99
38) 1-Methylnaphthalene	12.46	142	1507423	38.999	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	935651	37.813	ng	100

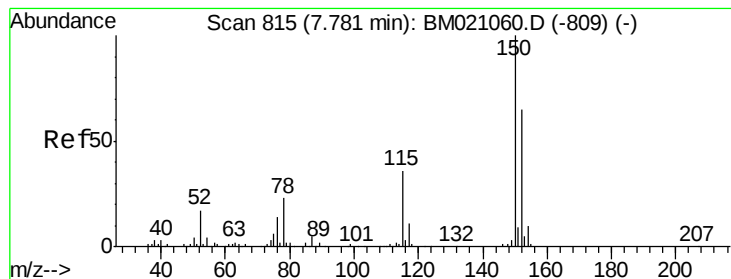
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021065.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	541978	37.784	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	633764	38.707	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	668438	39.423	ng	98
46) 1,1'-Biphenyl	13.25	154	2161204	38.626	ng	99
47) 2-Chloronaphthalene	13.29	162	1762592	38.786	ng	99
48) 2-Nitroaniline	13.51	65	503783	40.524	ng	98
49) Acenaphthylene	14.15	152	2743572	39.673	ng	99
50) Dimethylphthalate	13.89	163	2294158	39.471	ng	100
51) 2,6-Dinitrotoluene	14.01	165	501861	40.136	ng	100
52) Acenaphthene	14.49	154	1639708	39.299	ng	100
53) 3-Nitroaniline	14.35	138	526480	41.300	ng	98
54) 2,4-Dinitrophenol	14.55	184	294453	43.838	ng	96
55) Dibenzofuran	14.82	168	2685191	39.450	ng	99
56) 4-Nitrophenol	14.65	139	418005	42.881	ng	99
57) 2,4-Dinitrotoluene	14.80	165	706390	40.912	ng	98
58) Fluorene	15.47	166	2199741	39.554	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	642680	39.671	ng	99
60) Diethylphthalate	15.25	149	2279183	39.814	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	1220817	38.857	ng	100
62) 4-Nitroaniline	15.51	138	583842	43.637	ng	99
63) Azobenzene	15.76	77	1880055	40.038	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	393613	39.218	ng	96
66) n-Nitrosodiphenylamine	15.69	169	1951895	38.043	ng	100
67) 4-Bromophenyl-phenylether	16.36	248	800364	36.935	ng	98
68) Hexachlorobenzene	16.47	284	969978	37.469	ng	99
69) Atrazine	16.64	200	705900	42.309	ng	99
70) Pentachlorophenol	16.82	266	547655	39.265	ng	99
71) Phenanthrene	17.22	178	3686580	39.298	ng	100
72) Anthracene	17.30	178	3664943	39.439	ng	99
73) Carbazole	17.58	167	3334080	40.578	ng	100
74) Di-n-butylphthalate	18.14	149	4010056	39.867	ng	99
75) Fluoranthene	19.23	202	4560301	42.095	ng	99
77) Benzidine	19.42	184	2158146	41.175	ng	100
78) Pyrene	19.59	202	4696658	35.878	ng	99
80) Butylbenzylphthalate	20.50	149	1939733	37.176	ng	97
81) Benzo(a)anthracene	21.34	228	4851236	39.427	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	1918692	41.170	ng	99
83) Chrysene	21.39	228	4658317	39.742	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	2832180	38.138	ng	98
85) Di-n-octyl phthalate	22.16	149	4872455	41.720	ng	100
86) Indeno(1,2,3-cd)pyrene	25.95	276	5855509	45.147	ng	100
88) Benzo(b)fluoranthene	22.95	252	5185633	37.334	ng	99
89) Benzo(k)fluoranthene	23.00	252	5069854	37.759	ng	100
90) Benzo(a)pyrene	23.54	252	4819474	38.454	ng	99
91) Dibenzo(a,h)anthracene	25.96	278	4888386	39.121	ng	99
92) Benzo(g,h,i)perylene	26.65	276	4509807	38.702	ng	99

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

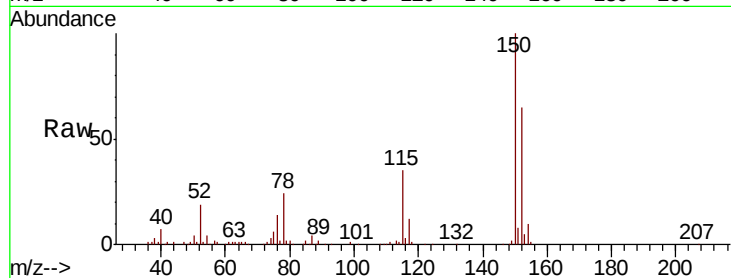


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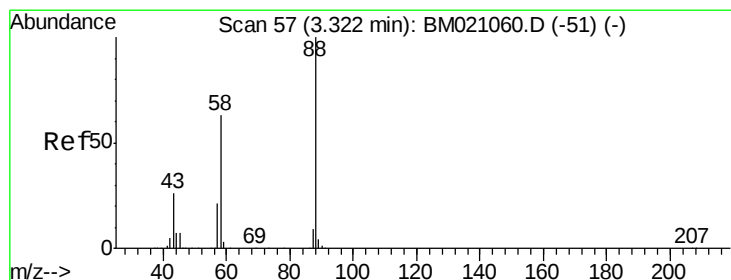
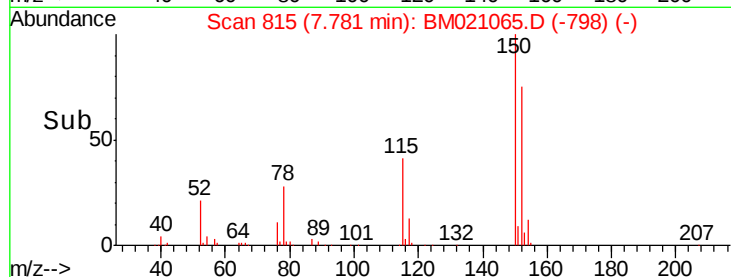
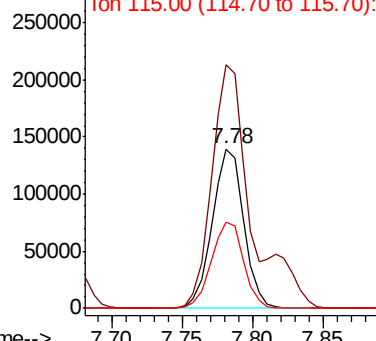
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.1	184.7
115	54.3	44.2	66.4



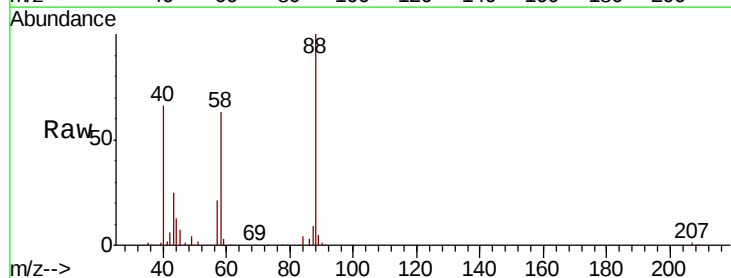
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



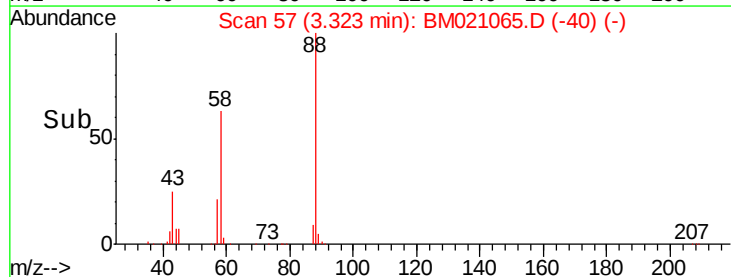
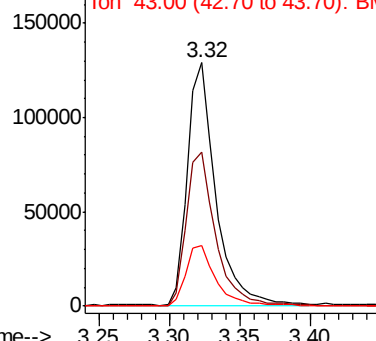
#2

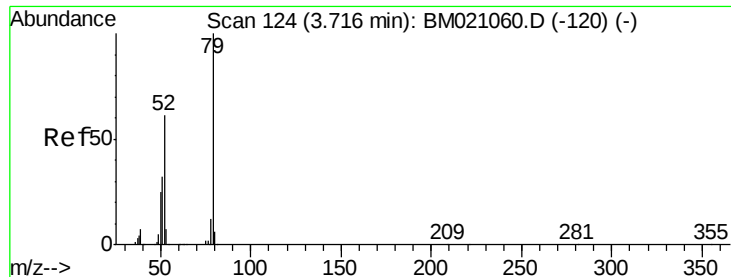
1,4-Dioxane
Concen: 39.824 ng
RT: 3.32 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.8	51.9	77.9
43	26.9	21.4	32.2



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

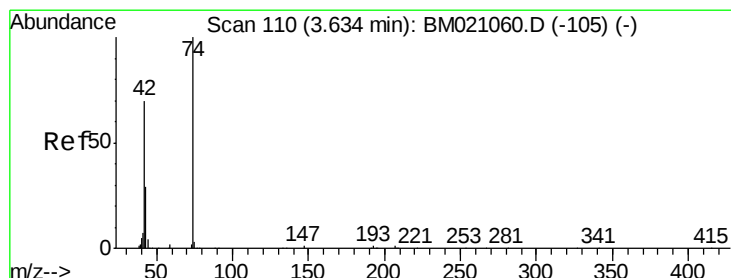
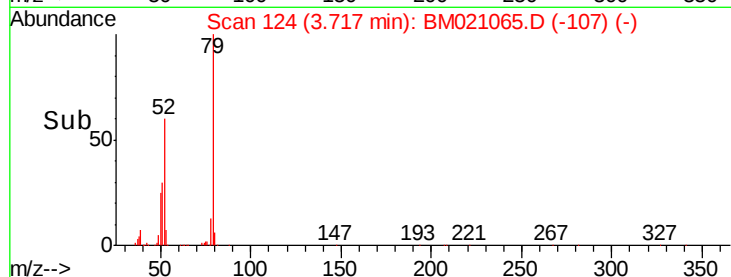
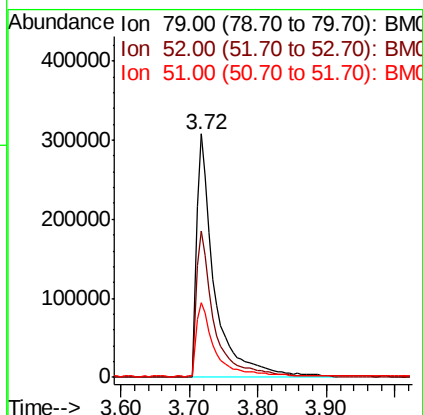
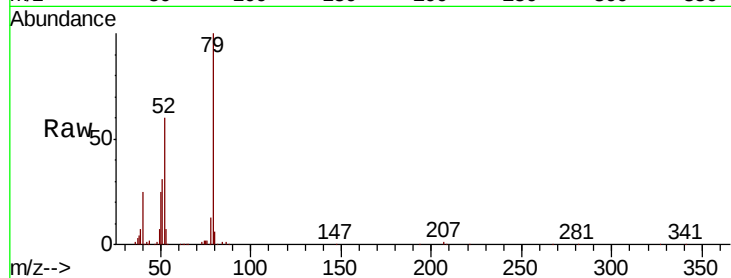




#3
 Pvridine
 Concen: 43.284 ng
 RT: 3.72 min Scan# 124
 Delta R.T. 0.00 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

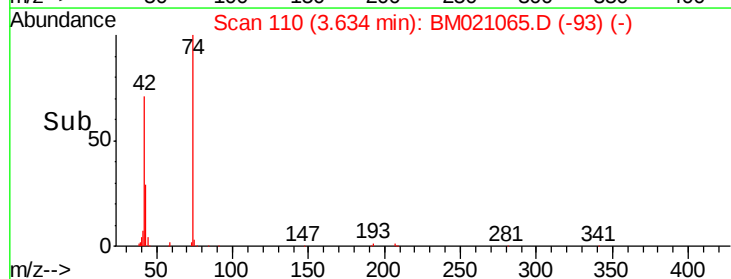
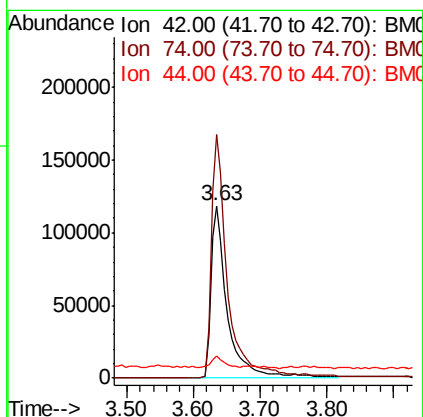
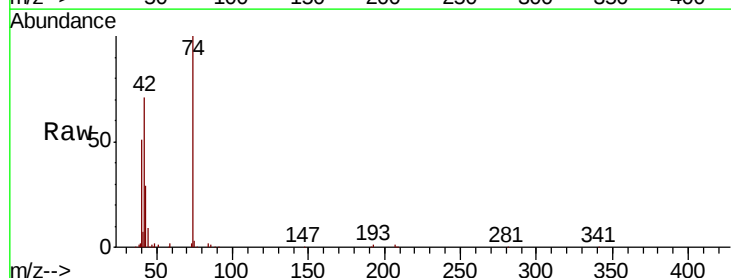
Instrument :
 BNA_M
 ClientSampleId :

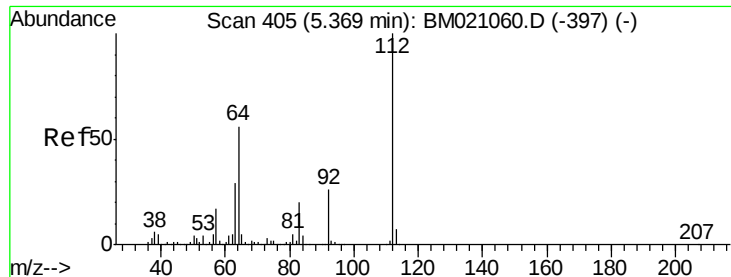
Tot Ion	Ratio	Lower	Upper
79	100		
52	60.2	48.8	73.2
51	30.9	25.7	38.5



#4
 n-Nitrosodimethylamine
 Concen: 41.150 ng
 RT: 3.63 min Scan# 110
 Delta R.T. 0.00 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.5	113.8	170.6
44	12.5	8.2	12.2





#5

2-Fluorophenol

Concen: 79.666 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

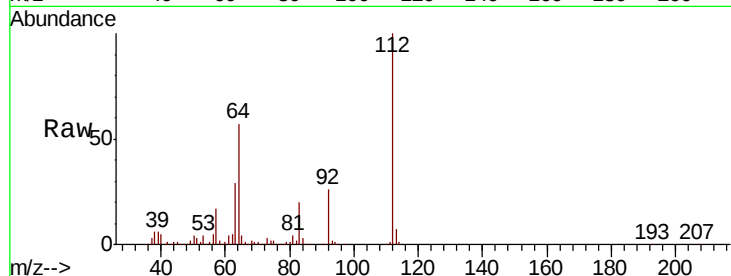
Tot Ion:112 Resp: 953517

Ion Ratio Lower Upper

112 100

64 57.0 45.2 67.8

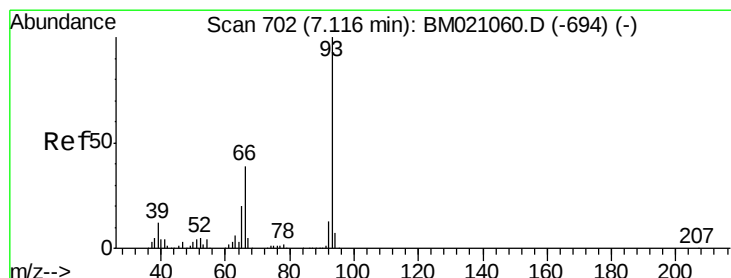
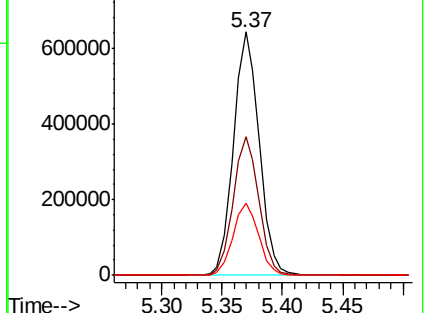
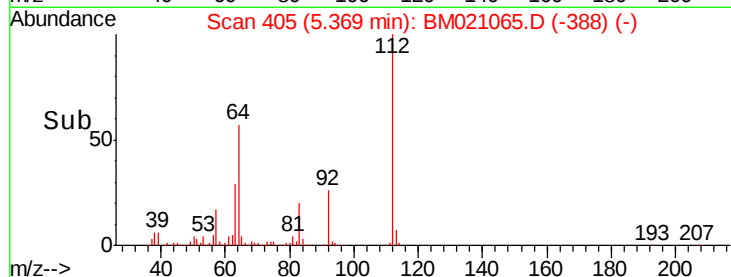
63 29.5 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 40.805 ng

RT: 7.12 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

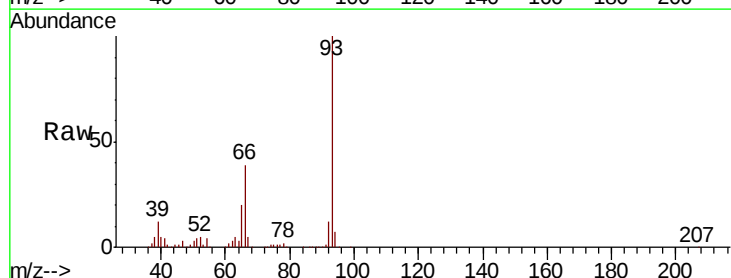
Tgt Ion: 93 Resp: 947253

Ion Ratio Lower Upper

93 100

66 39.4 31.3 46.9

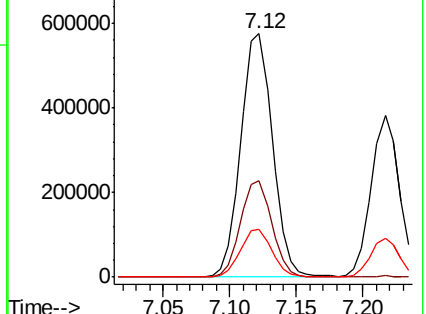
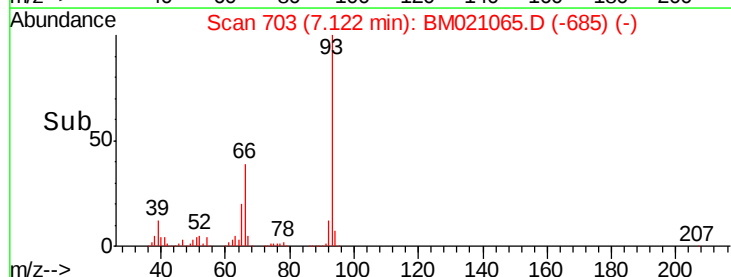
65 19.6 15.9 23.9

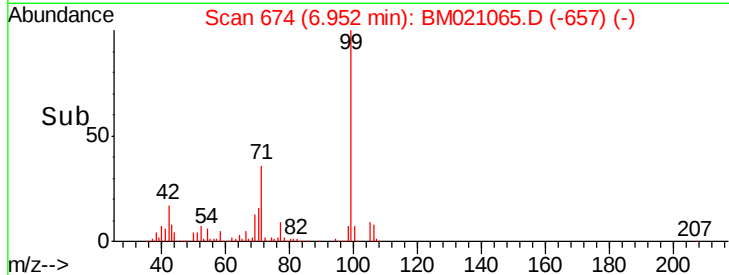
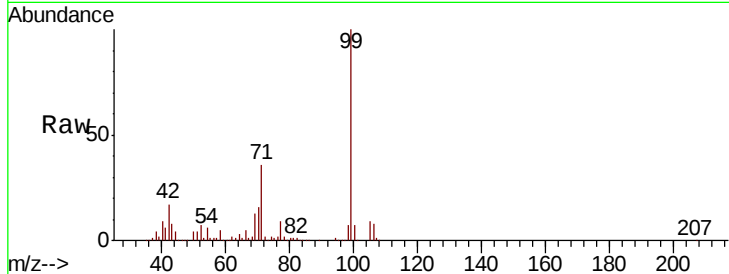
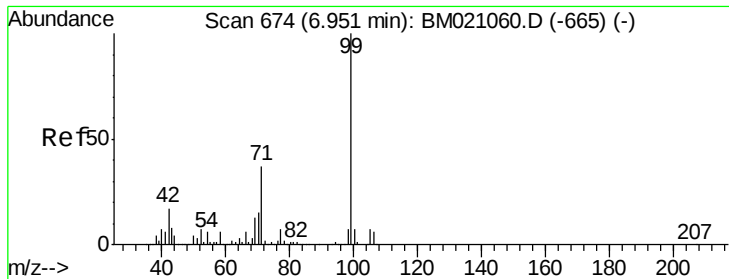


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 80.402 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

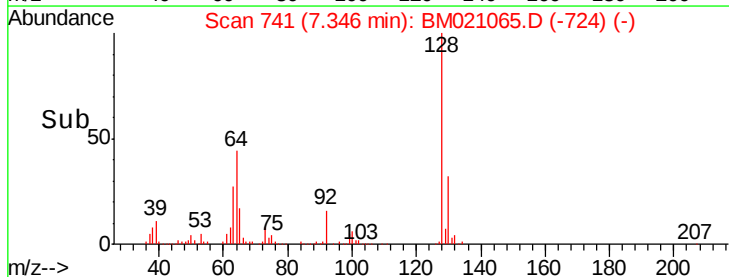
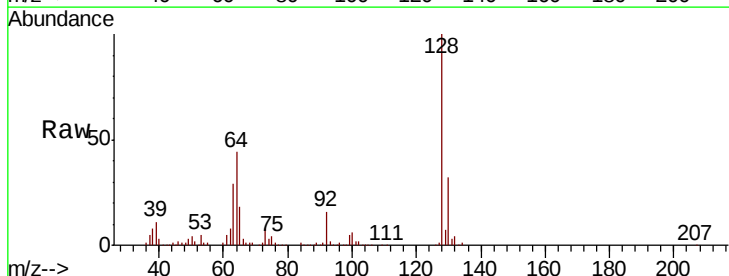
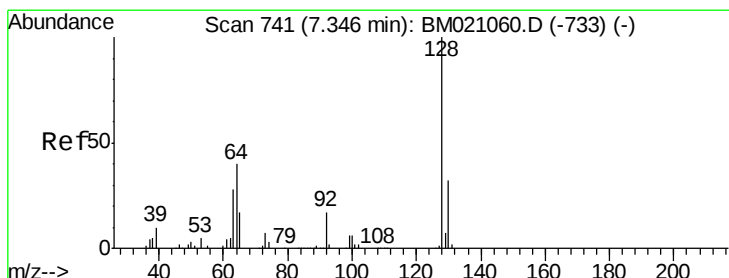
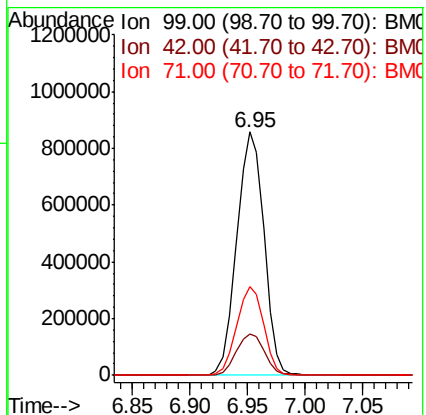
Tot Ion: 99 Resp: 1401405

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

71 36.5 29.3 43.9



#8

2-Chlorophenol

Concen: 39.705 ng

RT: 7.35 min Scan# 741

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

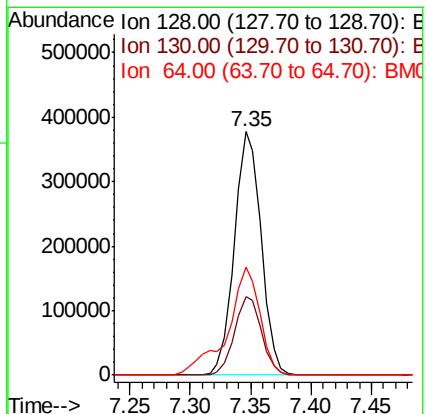
Tgt Ion: 128 Resp: 584876

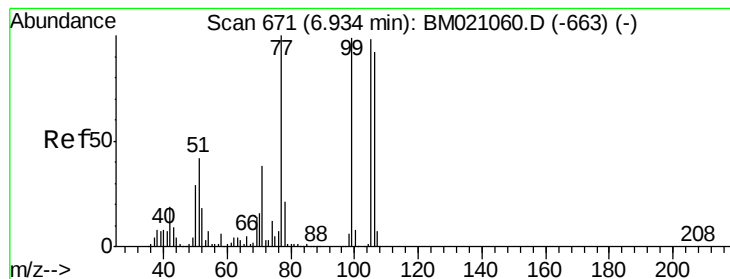
Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

64 44.3 23.2 63.2





#9

Benzaldehyde

Concen: 42.822 ng

RT: 6.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

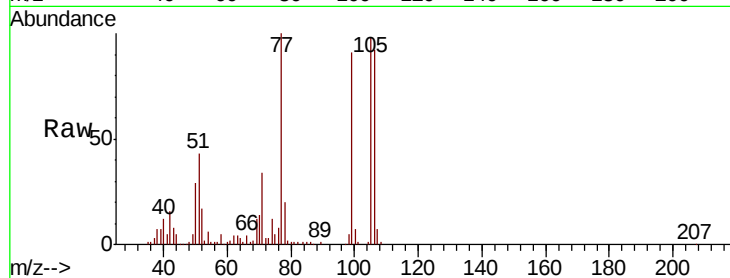
Tot Ion: 77 Resp: 374032

Ion Ratio Lower Upper

77 100

105 98.2 77.8 117.8

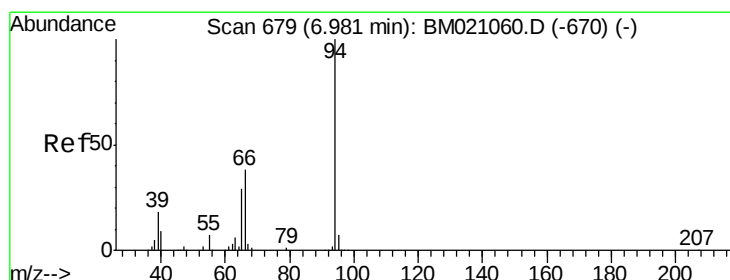
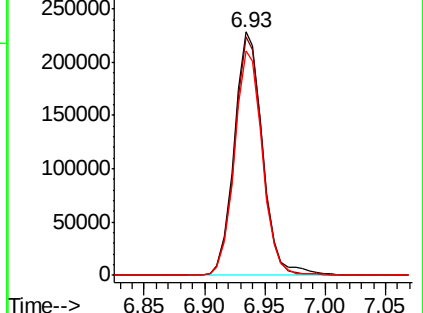
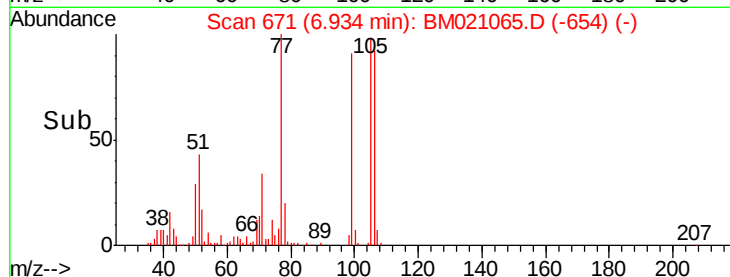
106 92.4 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM021065.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM021065.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM021065.D (-654) (-)



#10

Phenol

Concen: 40.164 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

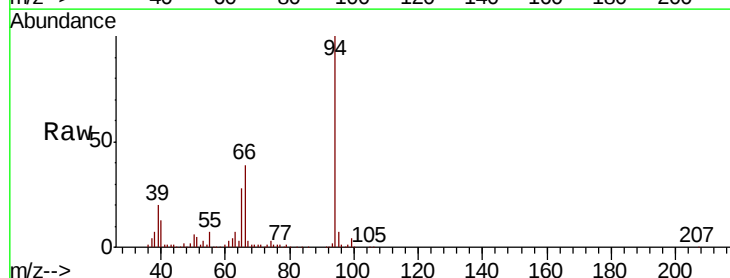
Tgt Ion: 94 Resp: 715182

Ion Ratio Lower Upper

94 100

65 28.0 8.7 48.7

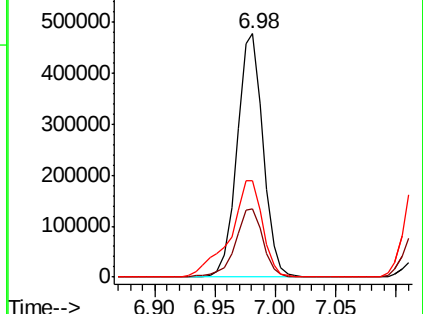
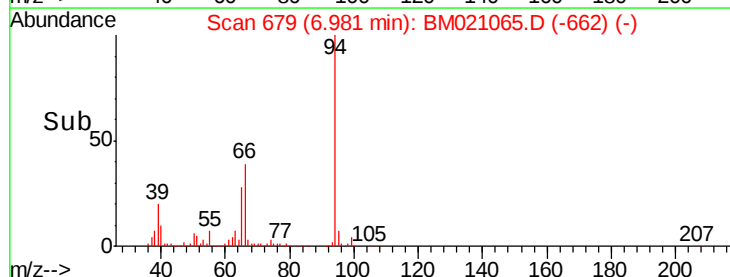
66 39.4 19.0 59.0

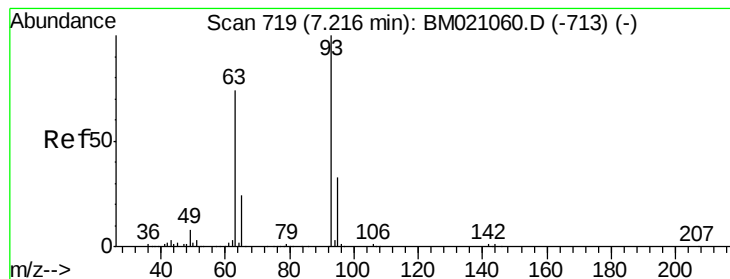


Abundance Ion 94.00 (93.70 to 94.70): BM021065.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM021065.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM021065.D (-662) (-)





#11

bis(2-Chloroethyl)ether

Concen: 39.199 ng

RT: 7.22 min Scan# 719

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampled :

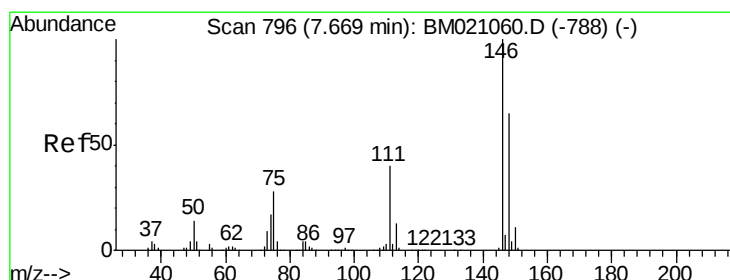
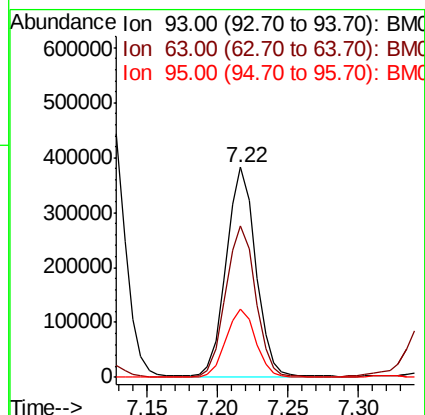
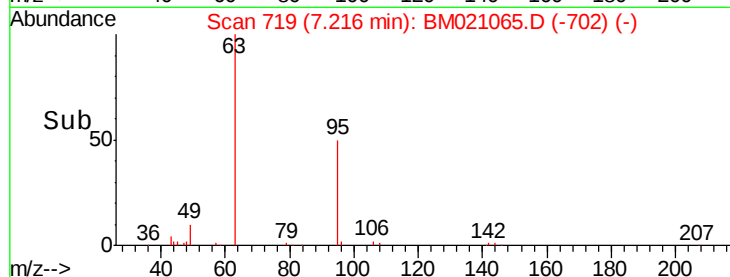
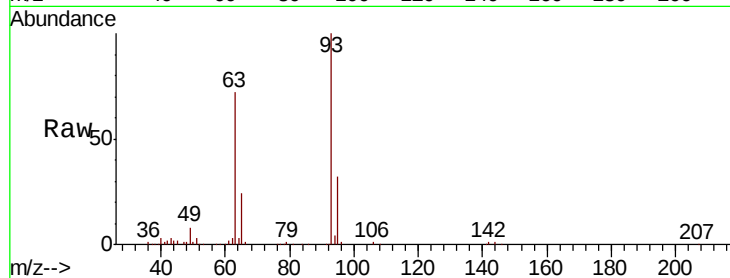
Tot Ion: 93 Resp: 552617

Ion	Ratio	Lower	Upper
93	100		
63	72.3	53.4	93.4
95	32.4	13.0	53.0

93 100

63 72.3 53.4 93.4

95 32.4 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 39.175 ng

RT: 7.67 min Scan# 796

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

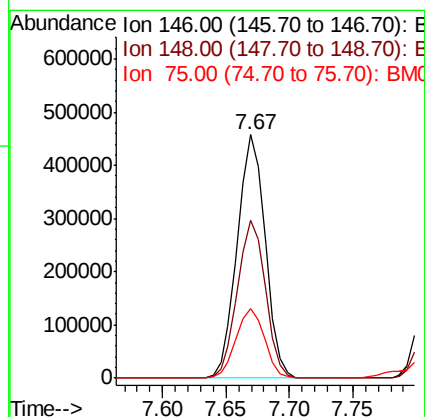
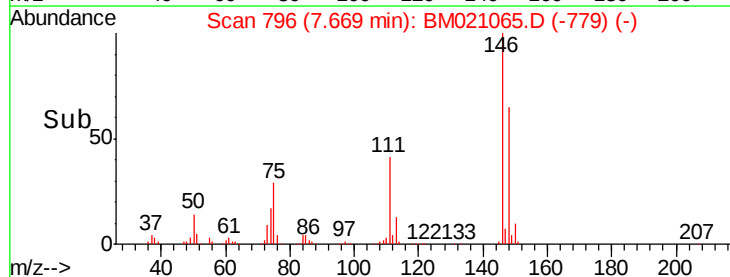
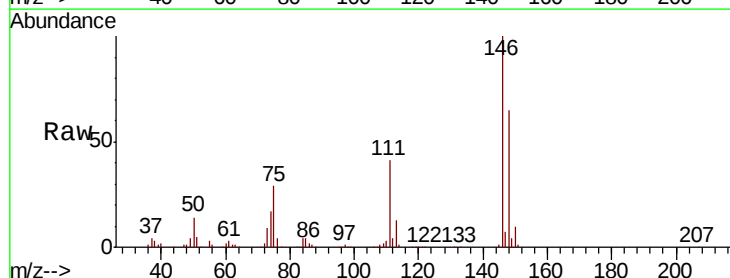
Tgt Ion: 146 Resp: 699136

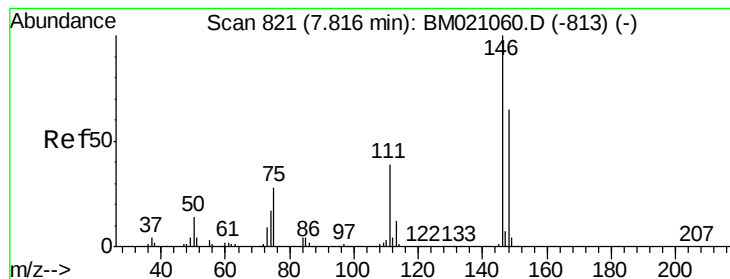
Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
75	28.7	22.2	33.4

146 100

148 64.6 52.2 78.2

75 28.7 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 39.199 ng

RT: 7.82 min Scan# 821

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

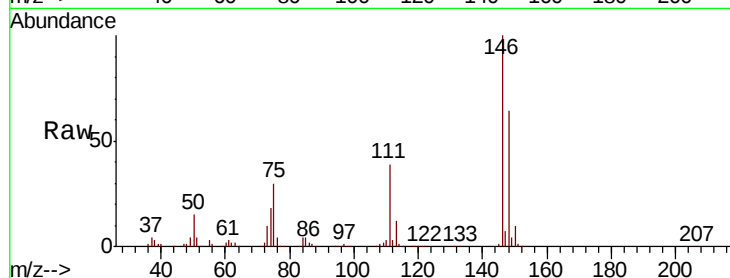
Tot Ion:146 Resp: 711238

Ion Ratio Lower Upper

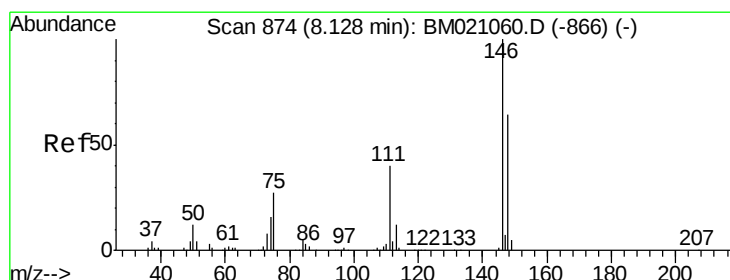
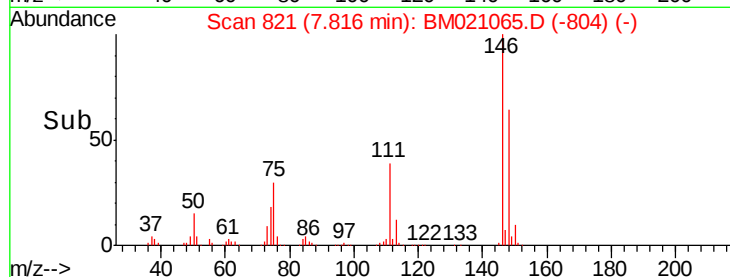
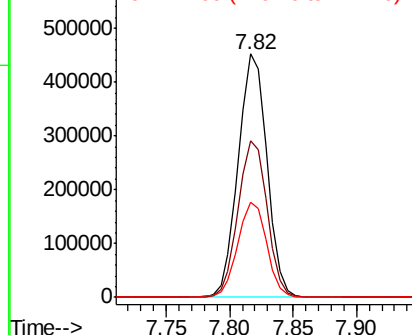
146 100

148 64.5 51.9 77.9

111 39.1 31.4 47.0



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



#14

1,2-Dichlorobenzene

Concen: 39.056 ng

RT: 8.13 min Scan# 875

Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

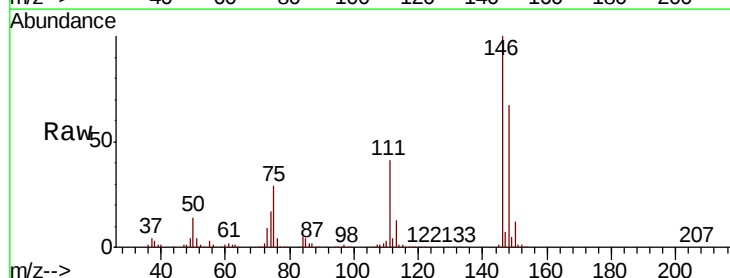
Tgt Ion:146 Resp: 694471

Ion Ratio Lower Upper

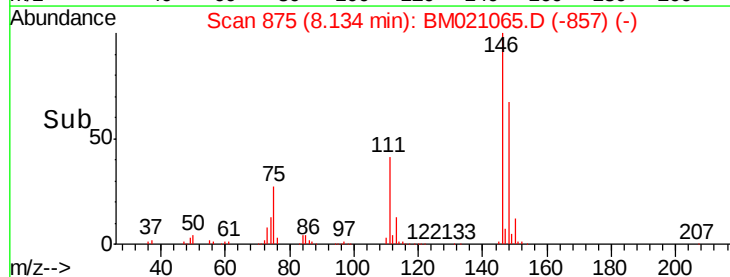
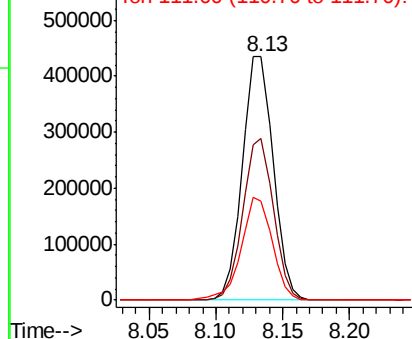
146 100

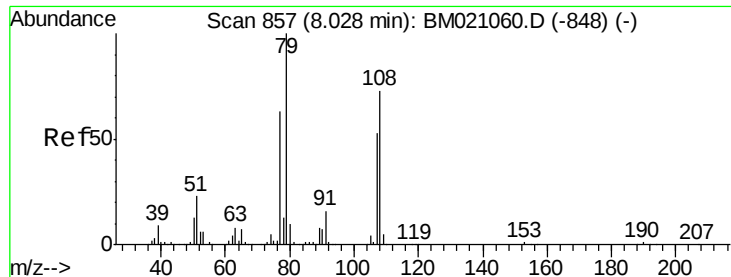
148 66.6 51.2 76.8

111 40.7 32.8 49.2



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: 40.427 ng

RT: 8.03 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

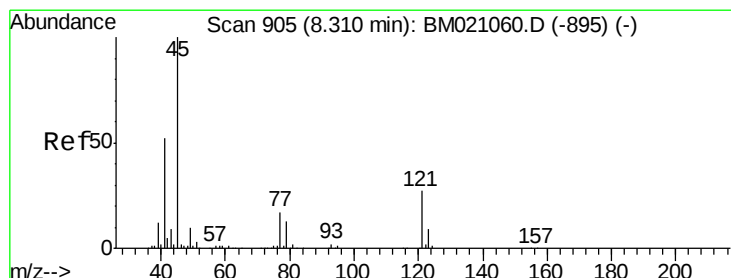
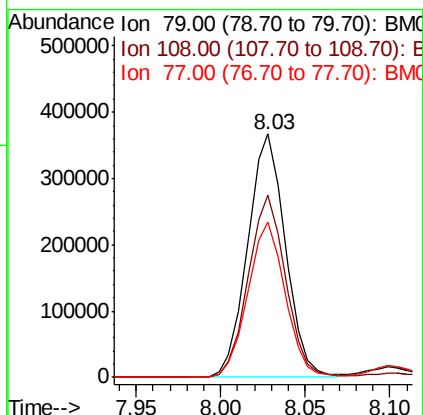
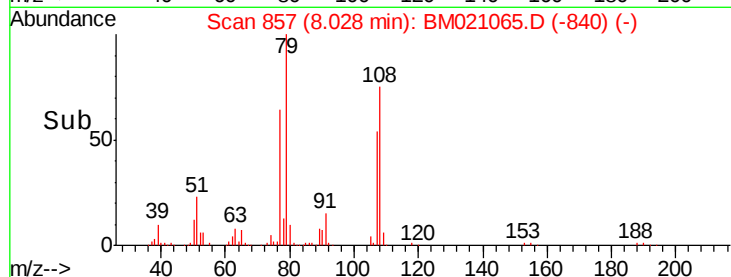
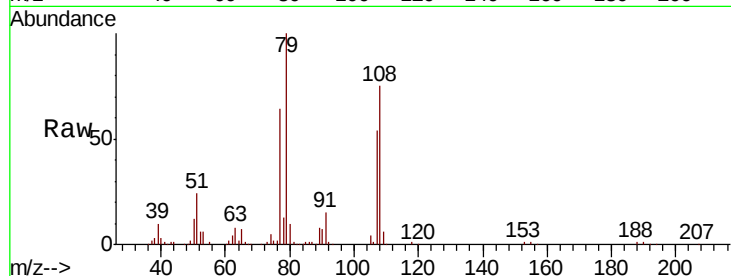
Tot Ion: 79 Resp: 570524

Ion Ratio Lower Upper

79 100

108 74.8 58.4 87.6

77 63.7 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.033 ng

RT: 8.31 min Scan# 905

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

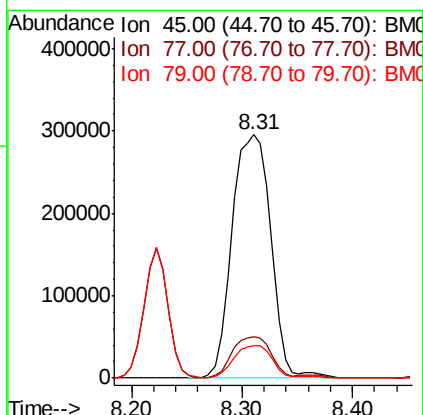
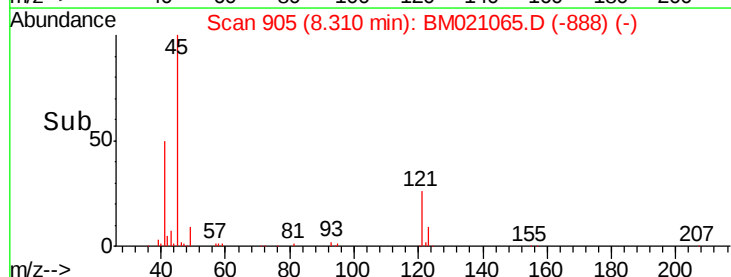
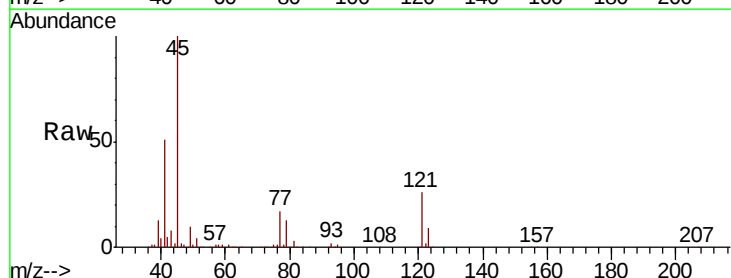
Tgt Ion: 45 Resp: 729998

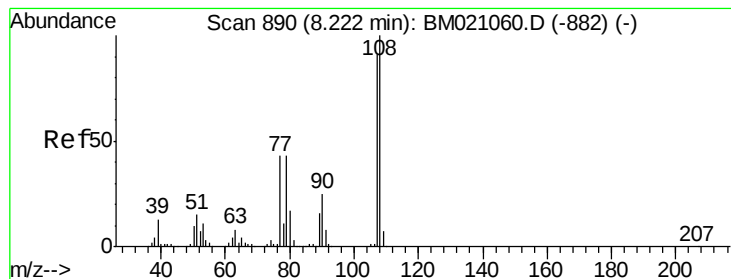
Ion Ratio Lower Upper

45 100

77 17.0 0.0 37.5

79 13.4 0.0 33.5





#17

2-Methylphenol

Concen: 40.153 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 510712

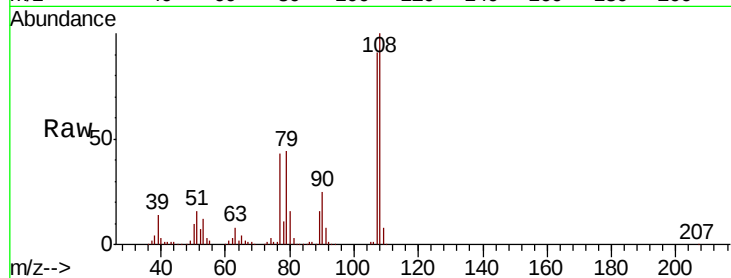
Ion Ratio Lower Upper

107 100

108 109.4 87.5 131.3

77 47.3 37.8 56.8

79 47.9 37.5 56.3



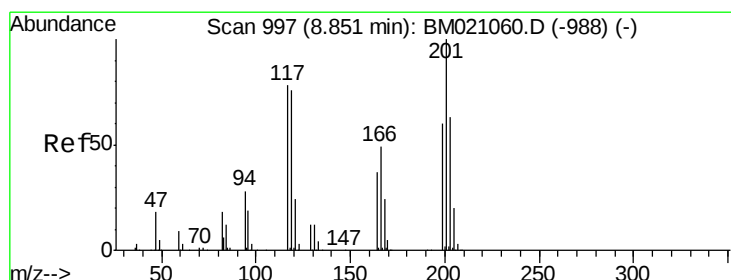
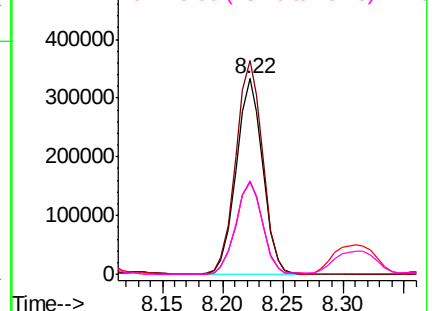
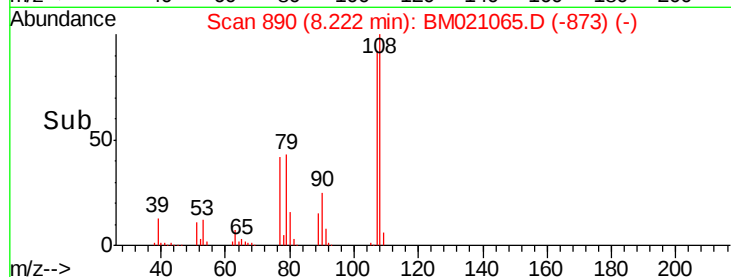
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 39.024 ng

RT: 8.85 min Scan# 997

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

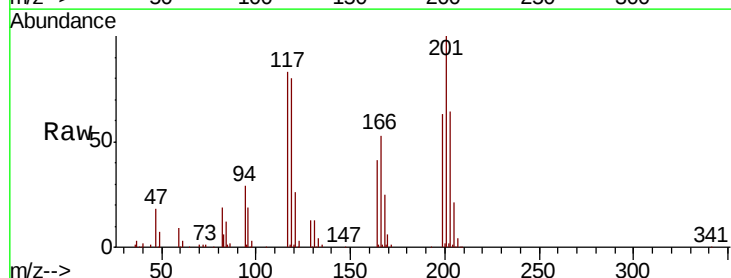
Tgt Ion:117 Resp: 254224

Ion Ratio Lower Upper

117 100

119 95.9 77.5 116.3

201 120.4 102.3 153.5

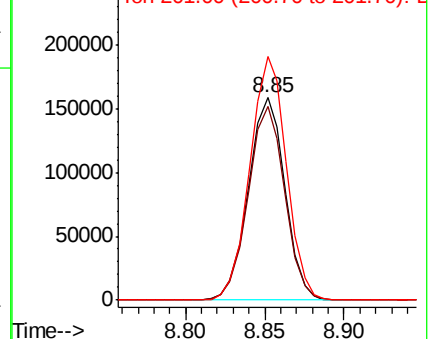
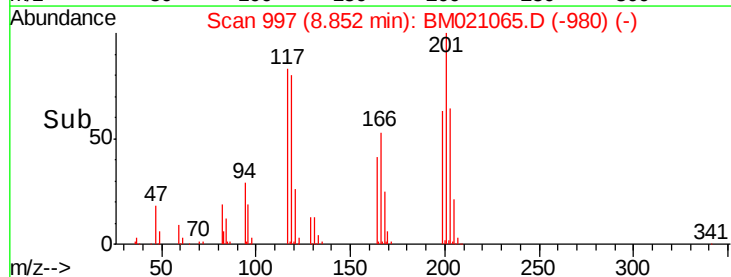


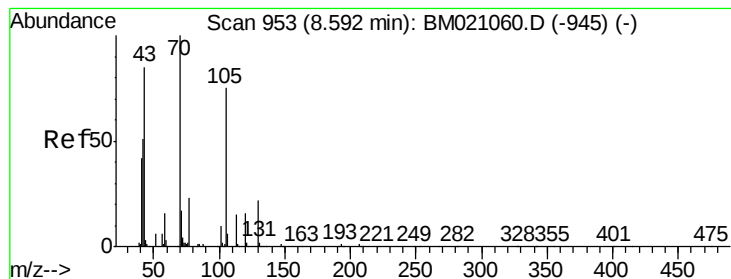
Abundance

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: 40.638 ng

RT: 8.59 min Scan# 953

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 515445

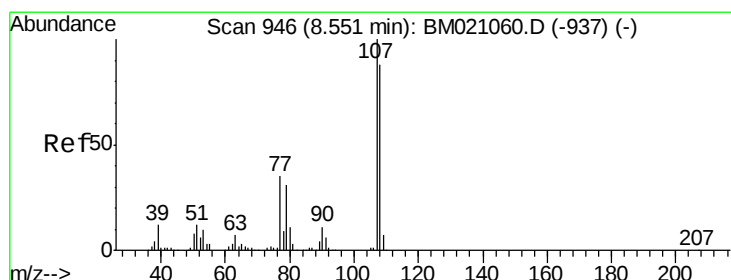
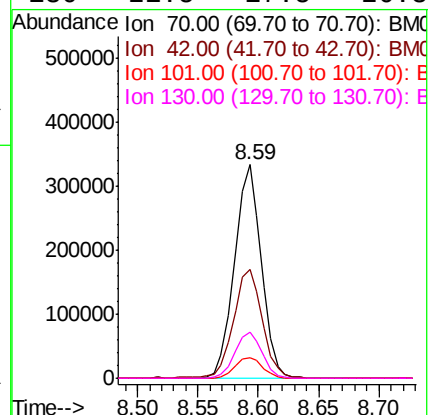
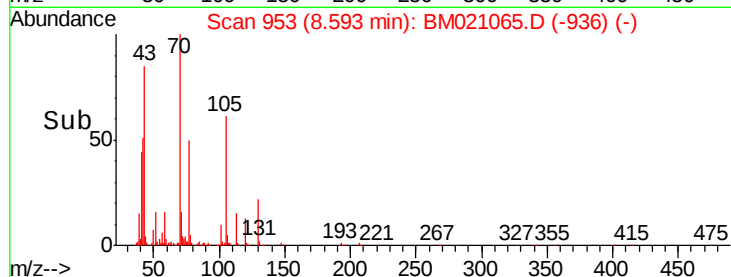
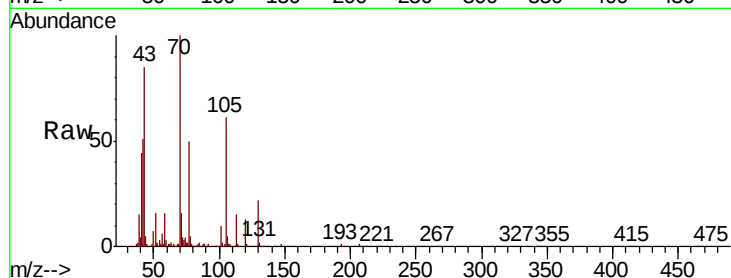
Ion Ratio Lower Upper

70 100

42 51.2 41.9 62.9

101 9.9 8.1 12.1

130 21.5 17.5 26.3



#20

3+4-Methylphenols

Concen: 40.755 ng

RT: 8.55 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Tgt Ion:107 Resp: 713518

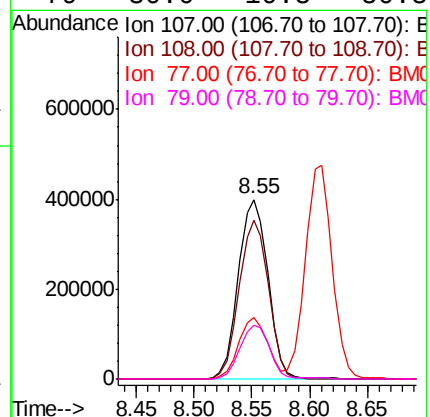
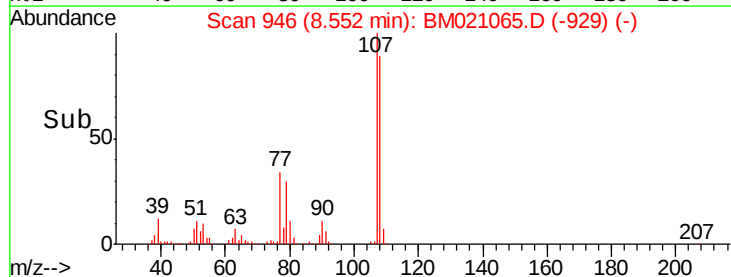
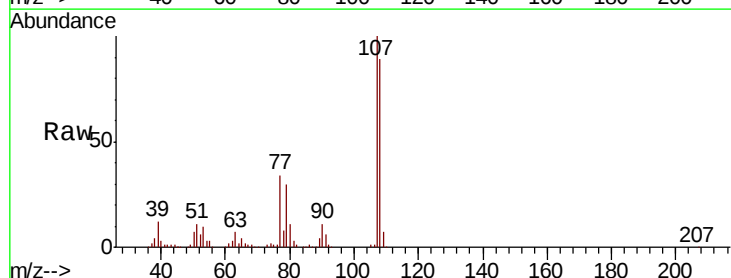
Ion Ratio Lower Upper

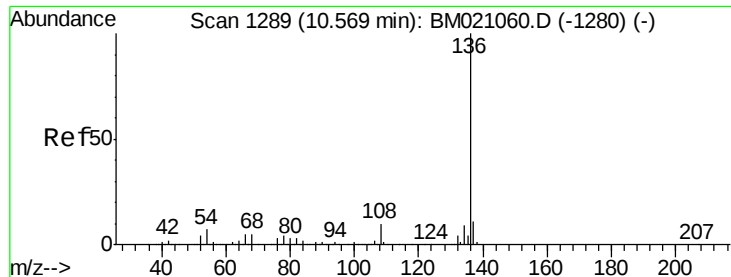
107 100

108 88.8 67.9 107.9

77 34.0 14.6 54.6

79 30.0 10.8 50.8

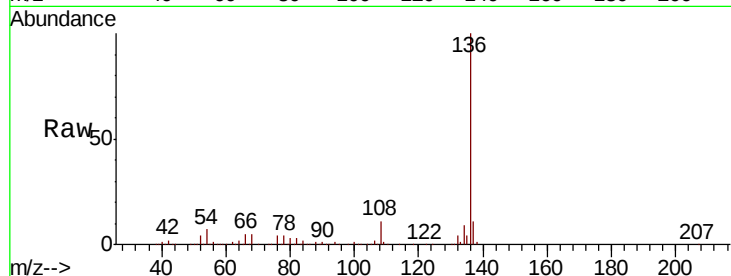




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	995224	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.6	13.0	
54 6.6	5.3	7.9	
68 5.4	4.4	6.6	



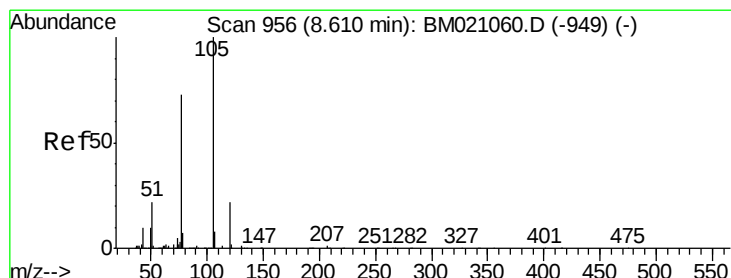
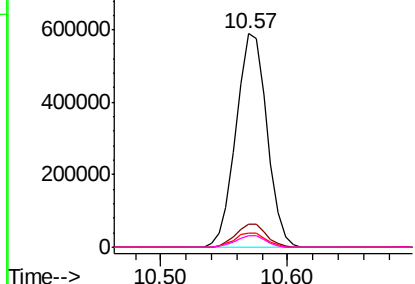
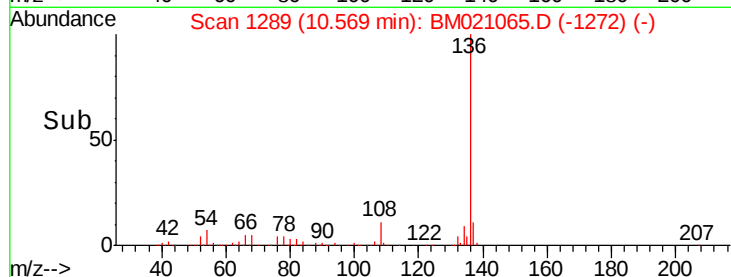
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

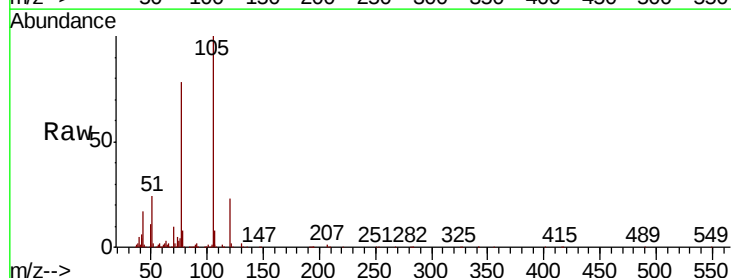
Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22
Acetophenone
Concen: 38.842 ng
RT: 8.61 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt	Ion:105	Resp:	985083
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.2	1.8
51	23.9	19.1	28.7
120	23.2	17.9	26.9



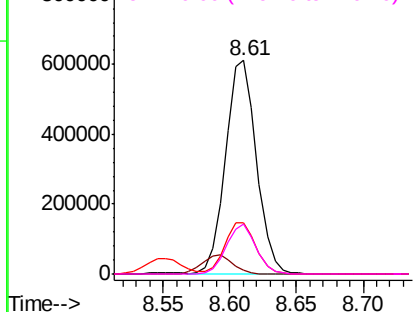
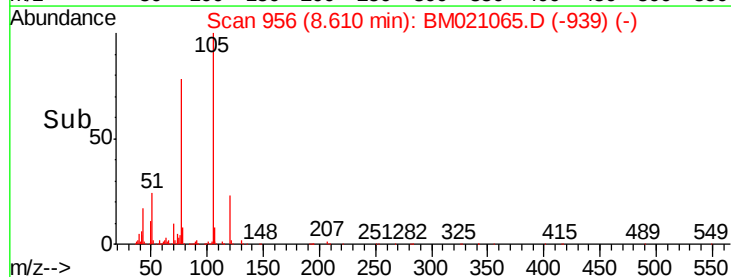
Abundance

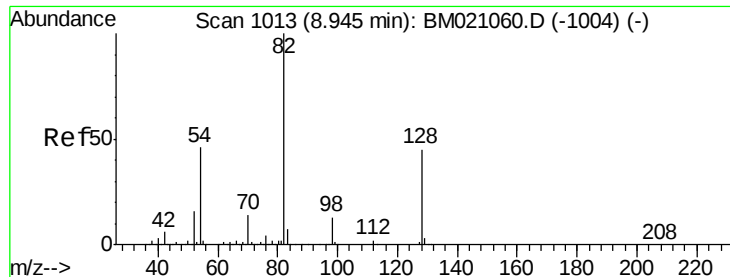
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

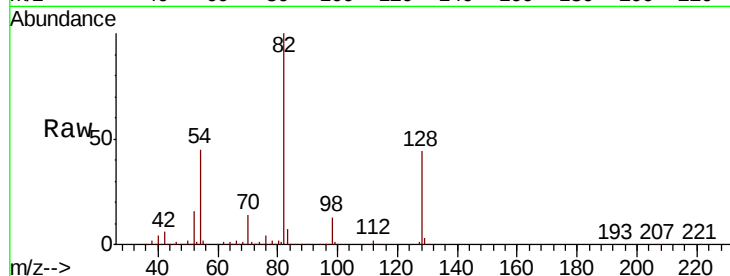




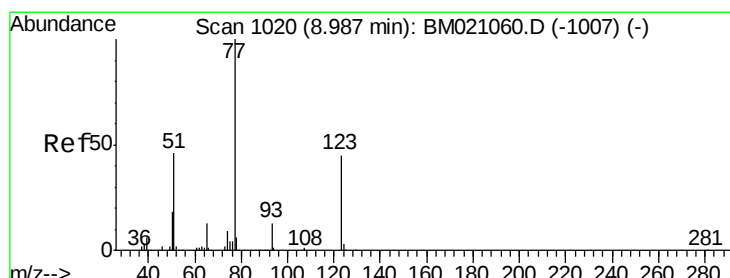
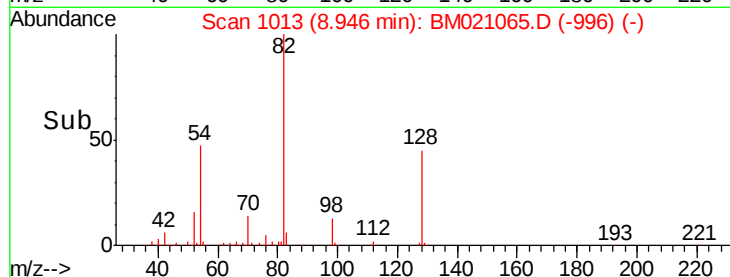
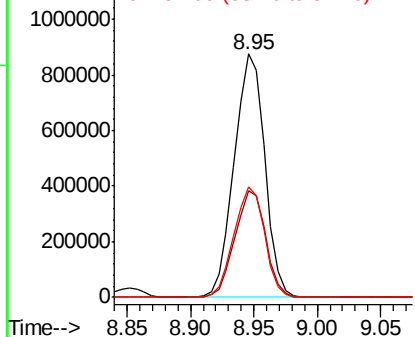
#23
Nitrobenzene-d5
Concen: 76.756 ng
RT: 8.95 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1465728
Ion Ratio Lower Upper
82 100
128 43.8 35.9 53.9
54 45.3 36.6 55.0

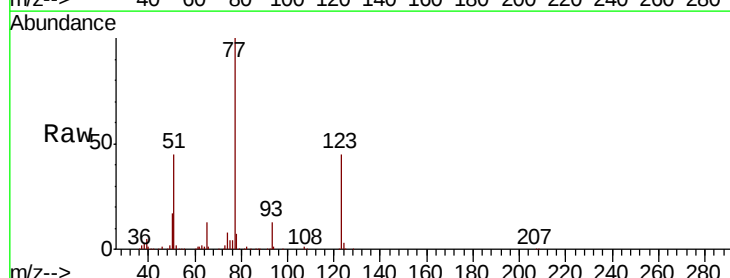


Abundance Ion 82.00 (81.70 to 82.70): BM021065.D (-996) (-)
Ion 128.00 (127.70 to 128.70): BM021065.D (-996) (-)
Ion 54.00 (53.70 to 54.70): BM021065.D (-996) (-)

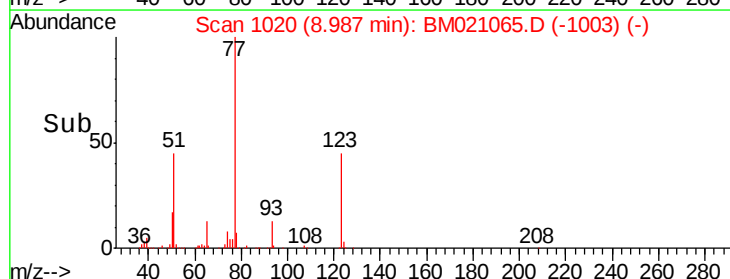
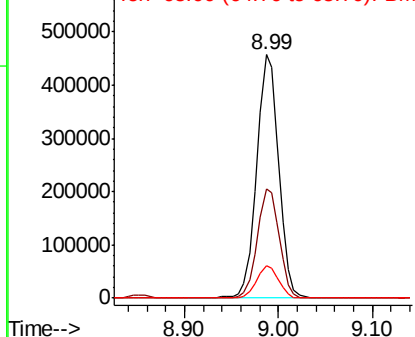


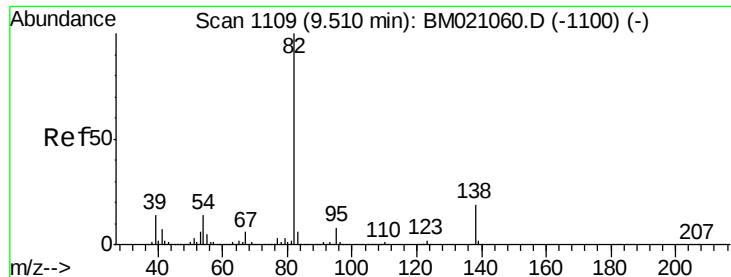
#24
Nitrobenzene
Concen: 39.123 ng
RT: 8.99 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion: 77 Resp: 740066
Ion Ratio Lower Upper
77 100
123 44.7 36.3 54.5
65 13.2 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM021065.D (-1003) (-)
Ion 123.00 (122.70 to 123.70): BM021065.D (-1003) (-)
Ion 65.00 (64.70 to 65.70): BM021065.D (-1003) (-)





#25

Isophorone

Concen: 39.225 ng

RT: 9.51 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

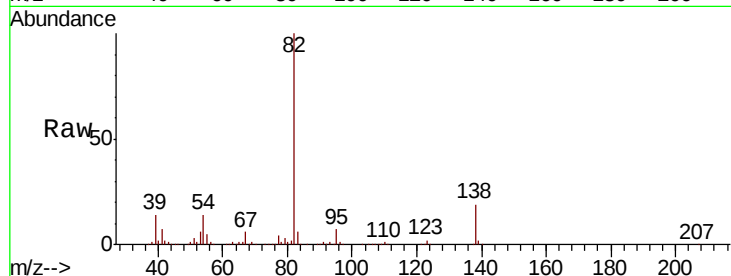
Tot Ion: 82 Resp: 1401533

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

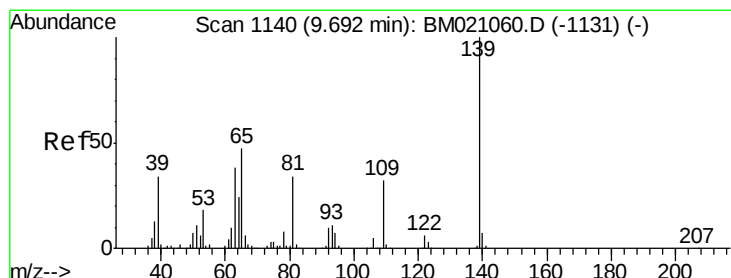
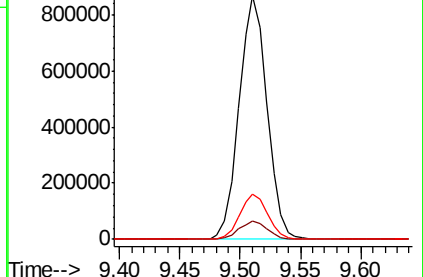
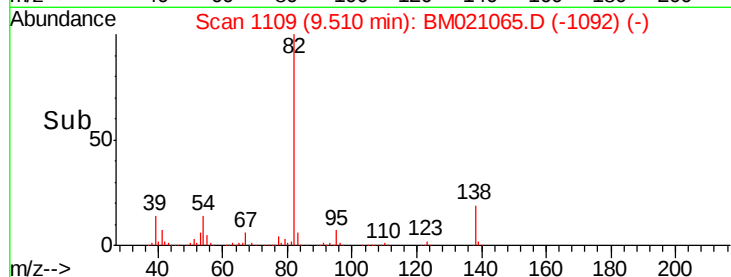
138 18.5 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BM021065.D (-1092) (-)

Ion 95.00 (94.70 to 95.70): BM021065.D (-1092) (-)

Ion 138.00 (137.70 to 138.70): BM021065.D (-1092) (-)



#26

2-Nitrophenol

Concen: 38.448 ng

RT: 9.69 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

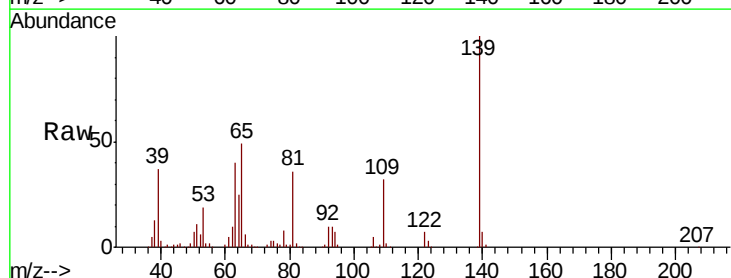
Tgt Ion: 139 Resp: 356117

Ion Ratio Lower Upper

139 100

109 31.8 25.2 37.8

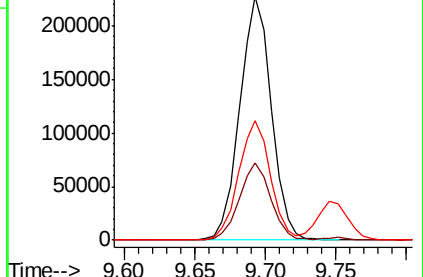
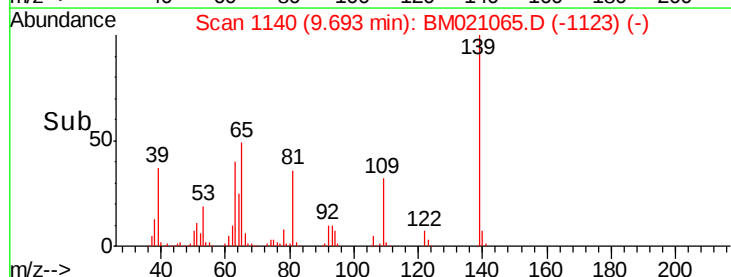
65 48.8 37.4 56.0

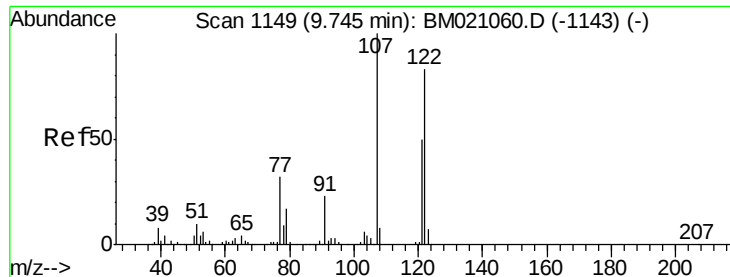


Abundance Ion 139.00 (138.70 to 139.70): BM021065.D (-1123) (-)

Ion 109.00 (108.70 to 109.70): BM021065.D (-1123) (-)

Ion 65.00 (64.70 to 65.70): BM021065.D (-1123) (-)

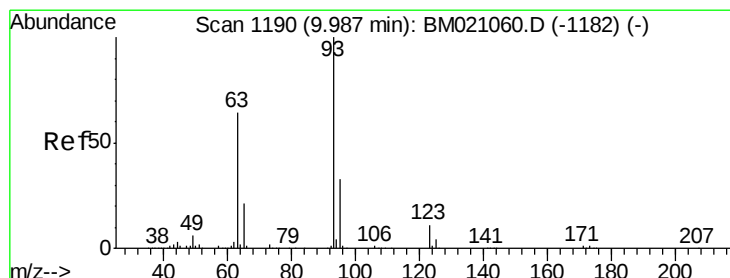
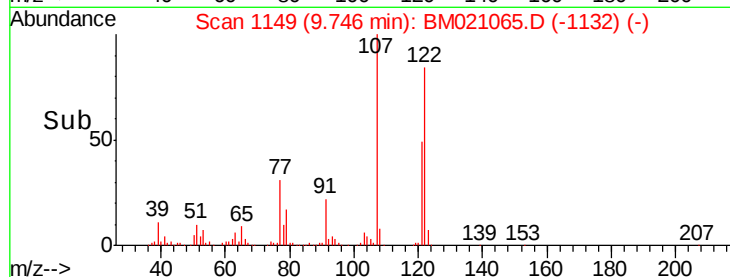
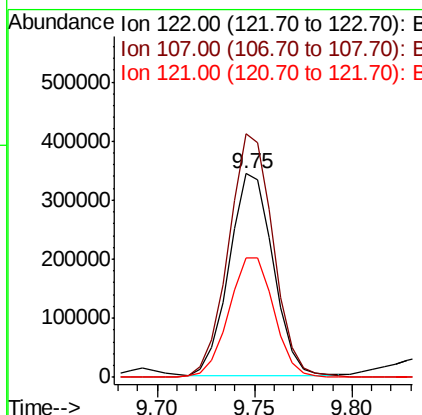
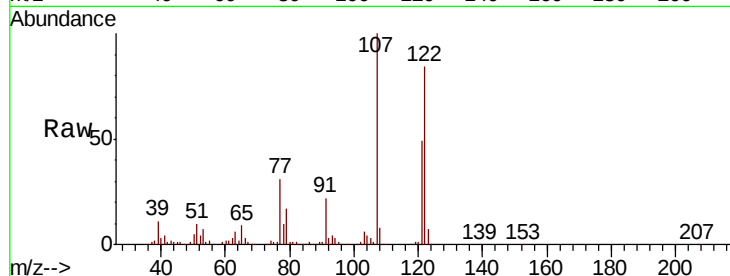




#27
 2,4-Dimethylphenol
 Concen: 39.541 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

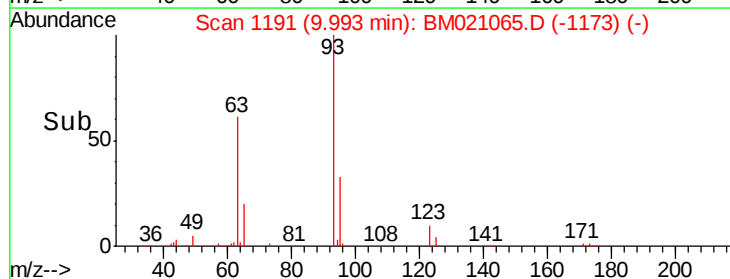
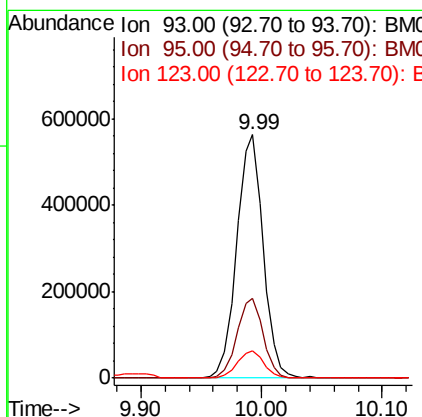
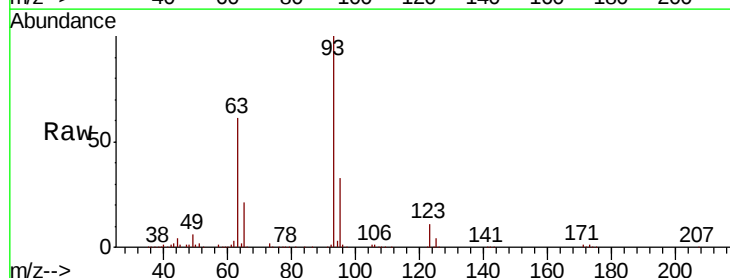
Instrument :
 BNA_M
 ClientSampled :

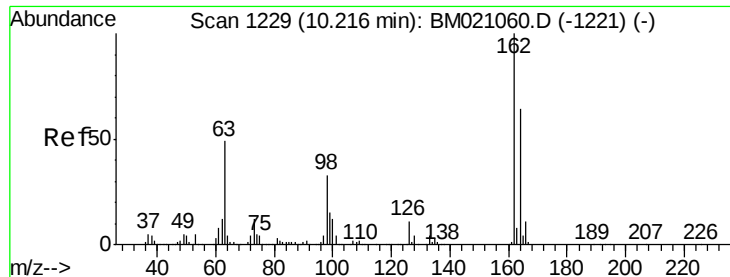
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	95.3	142.9
121	58.9	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.751 ng
 RT: 9.99 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	11.4	9.0	13.4

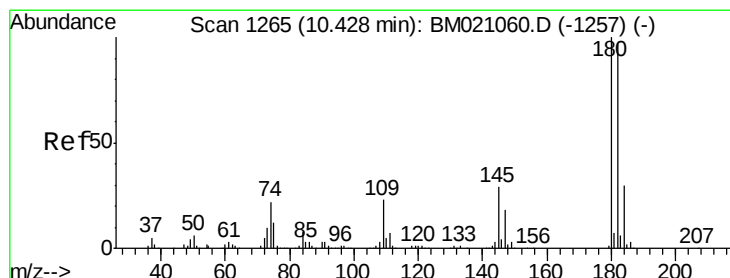
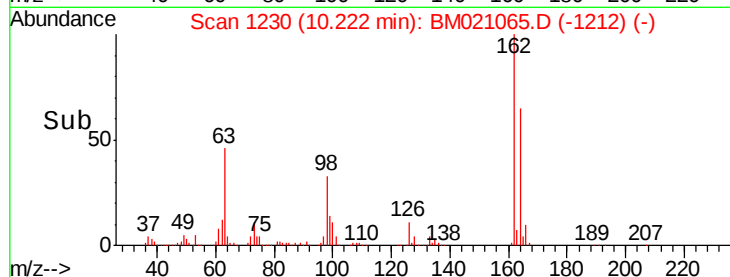
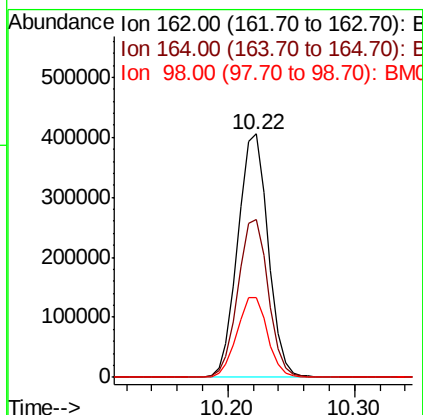
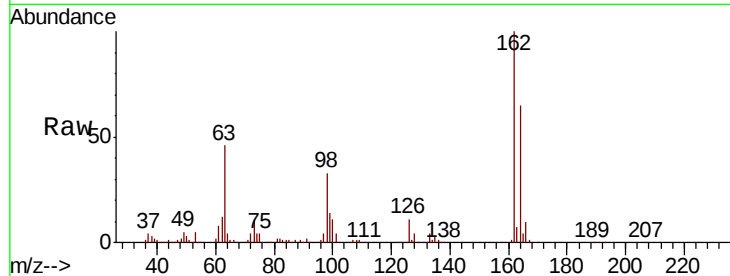




#29
2,4-Dichlorophenol
Concen: 38.597 ng
RT: 10.22 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

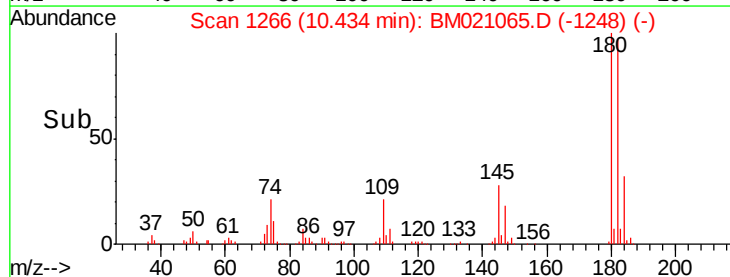
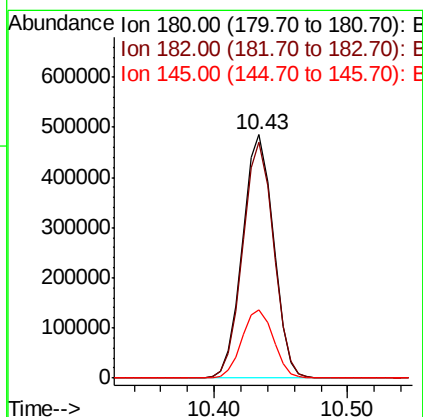
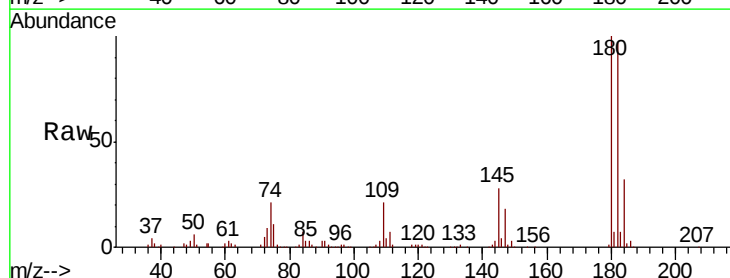
Instrument :
BNA_M
ClientSampled :

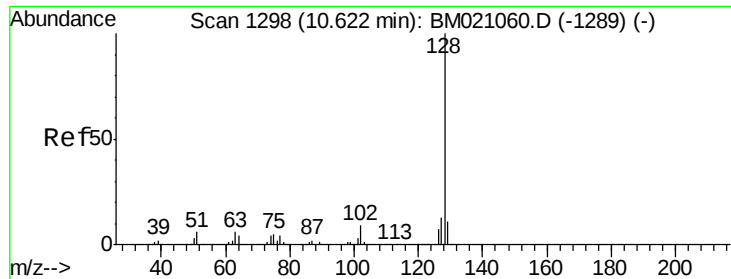
Tot Ion:162 Resp: 674839
Ion Ratio Lower Upper
162 100
164 64.6 43.7 83.7
98 33.0 13.4 53.4



#30
1,2,4-Trichlorobenzene
Concen: 37.957 ng
RT: 10.43 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion:180 Resp: 782312
Ion Ratio Lower Upper
180 100
182 97.1 78.0 117.0
145 28.3 23.4 35.0

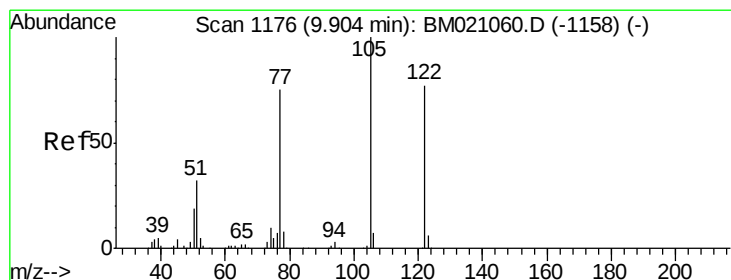
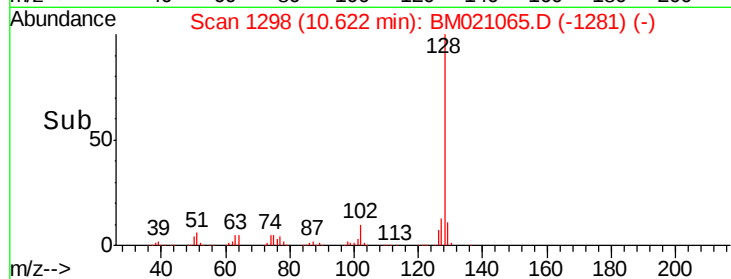
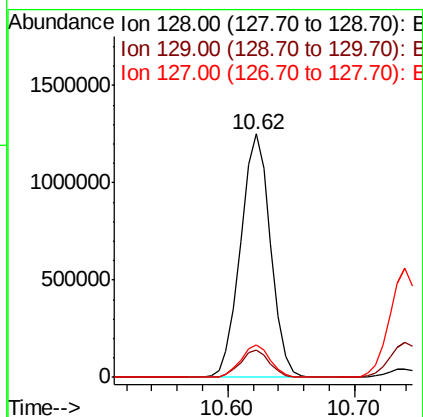
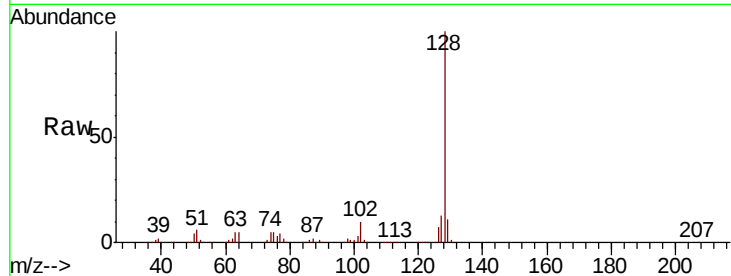




#31
Naphthalene
Concen: 38.861 ng
RT: 10.62 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

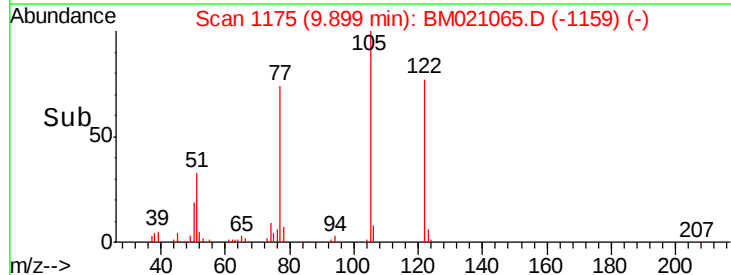
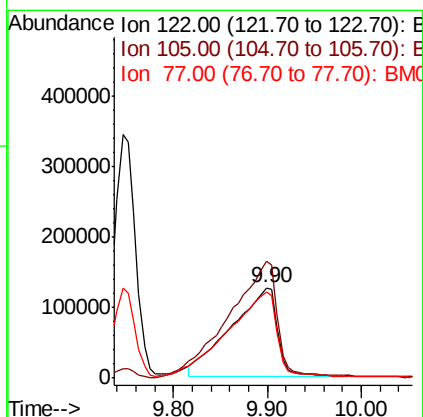
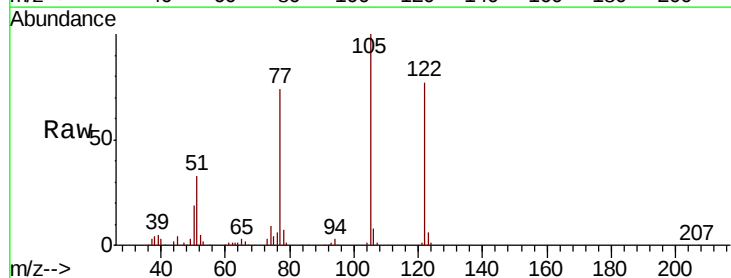
Instrument :
BNA_M
ClientSampleId :

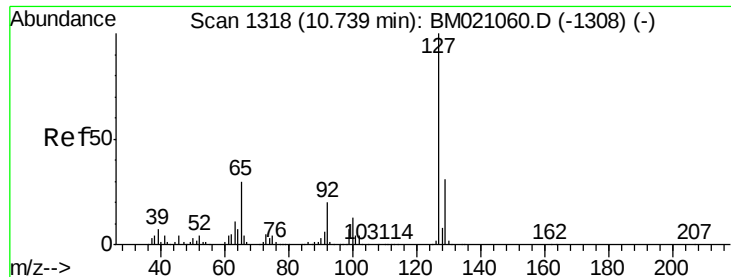
Tot Ion:128 Resp: 2046724
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 38.916 ng
RT: 9.90 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion:122 Resp: 425316
Ion Ratio Lower Upper
122 100
105 129.4 108.9 148.9
77 96.0 76.7 116.7

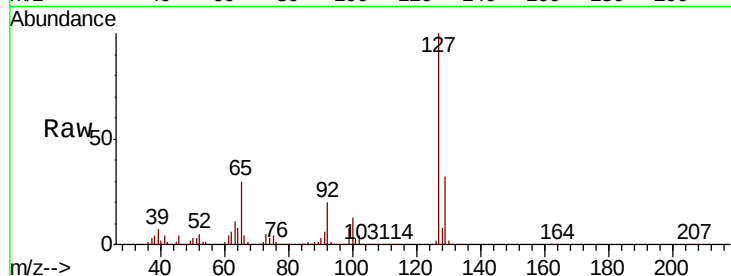




#33
4-Chloroaniline
Concen: 39.478 ng
RT: 10.74 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	943888
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.1	37.7
65	30.0	23.8	35.8
92	19.7	15.7	23.5



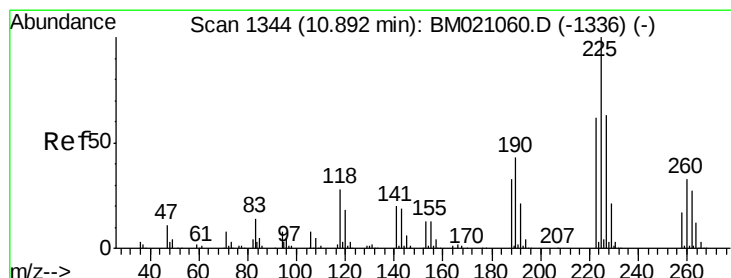
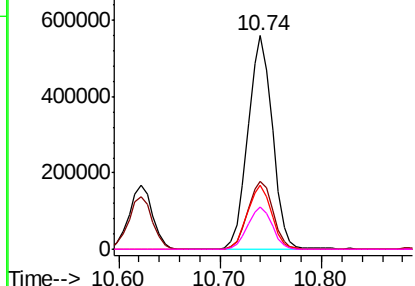
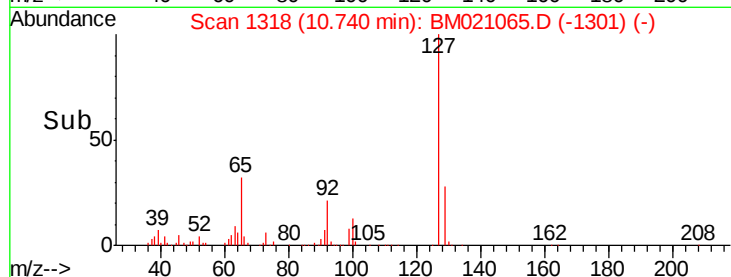
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

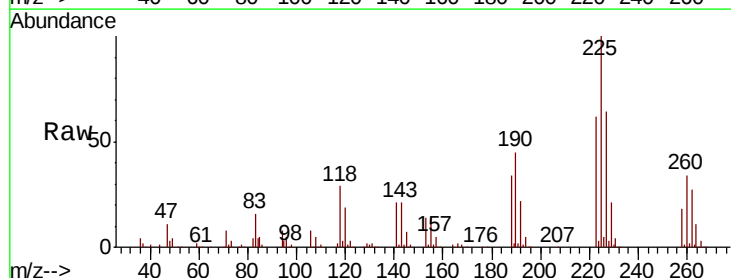
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 37.242 ng
RT: 10.89 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion:	225	Resp:	484656
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	64.4	50.4	75.6

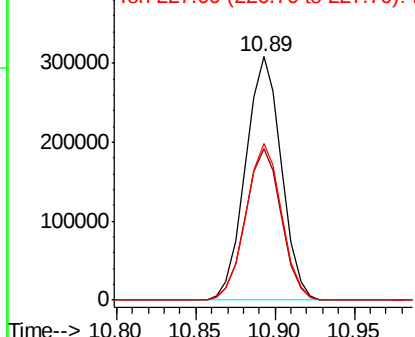
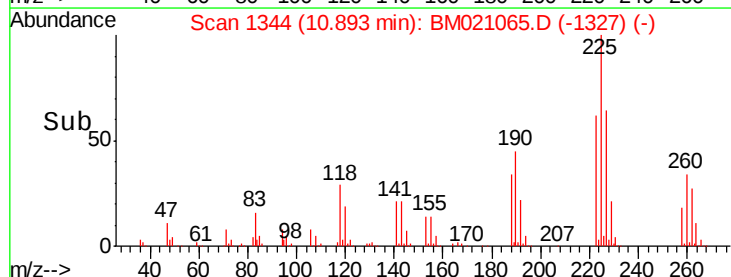


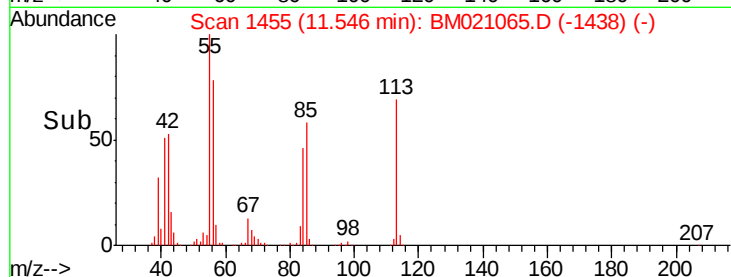
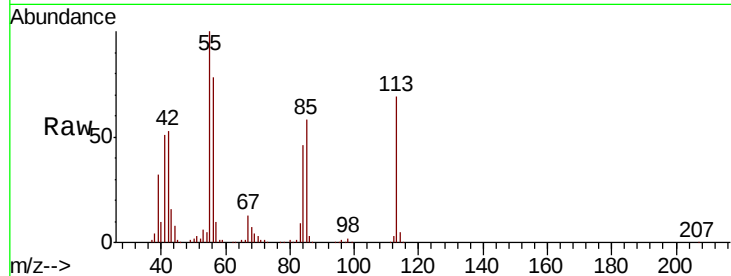
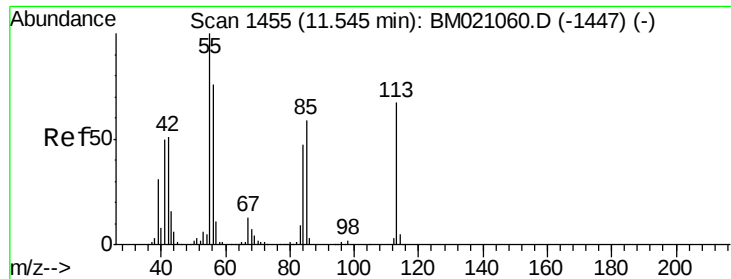
Abundance

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

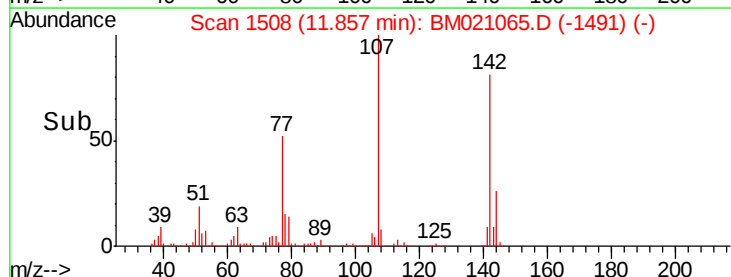
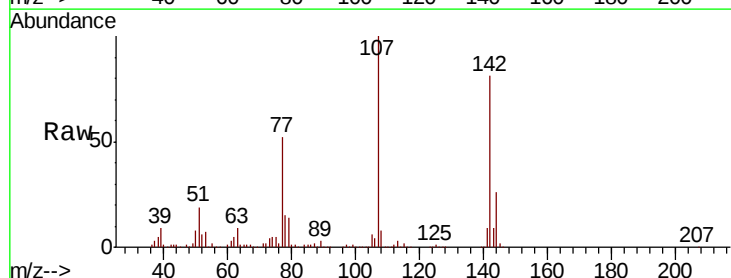
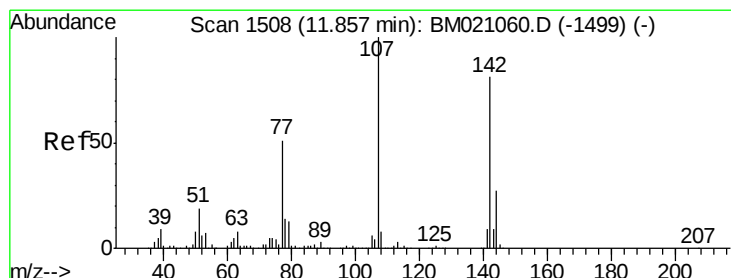
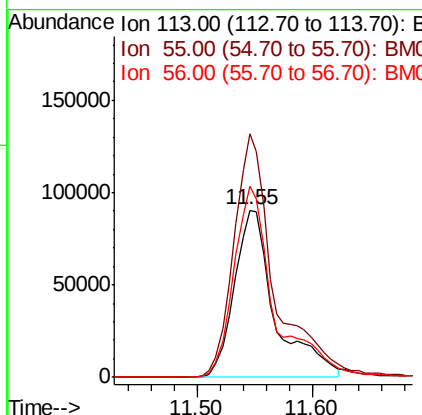




#35
Caprolactam
Concen: 40.484 ng
RT: 11.55 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

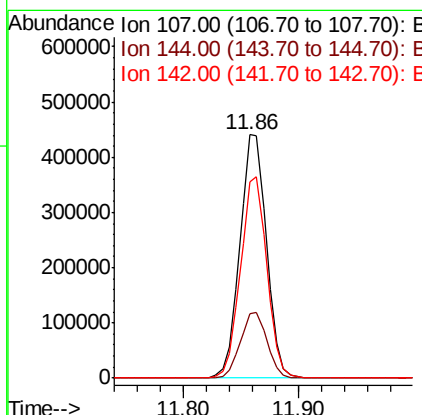
Instrument :
BNA_M
ClientSampleId :

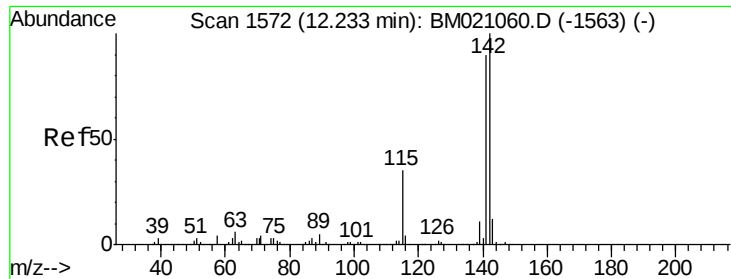
Tot Ion:113 Resp: 221395
Ion Ratio Lower Upper
113 100
55 145.9 129.8 169.8
56 114.1 94.3 134.3



#36
4-Chloro-3-methylphenol
Concen: 39.663 ng
RT: 11.86 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion:107 Resp: 705670
Ion Ratio Lower Upper
107 100
144 26.2 21.3 31.9
142 80.8 64.9 97.3





#37

2-Methylnaphthalene

Concen: 38.941 ng

RT: 12.23 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampled :

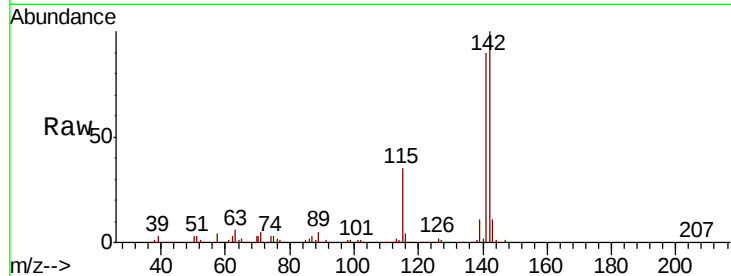
Tot Ion:142 Resp: 1578063

Ion Ratio Lower Upper

142 100

141 89.6 72.2 108.2

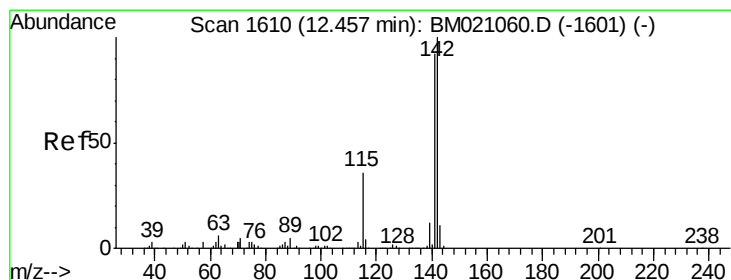
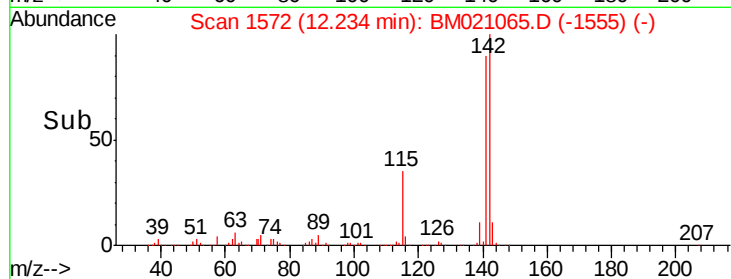
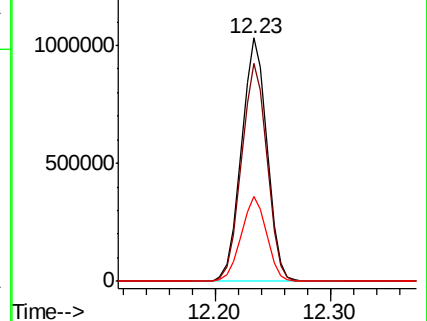
115 34.8 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.999 ng

RT: 12.46 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

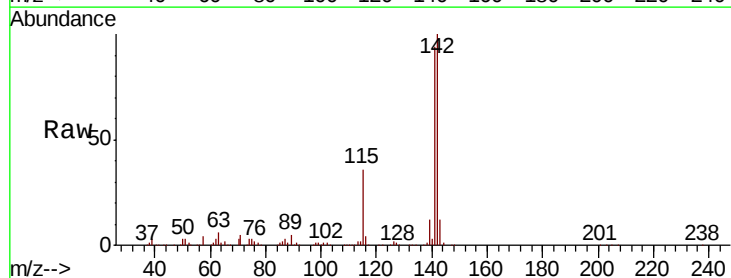
Tgt Ion:142 Resp: 1507423

Ion Ratio Lower Upper

142 100

141 93.8 73.9 110.9

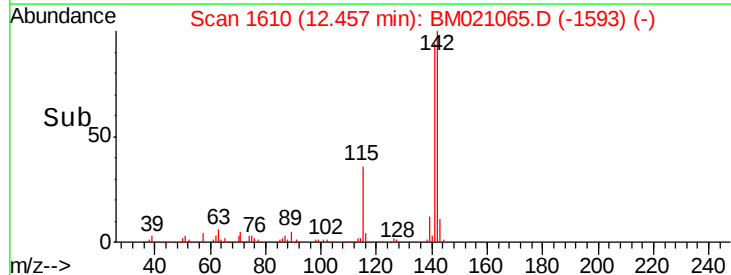
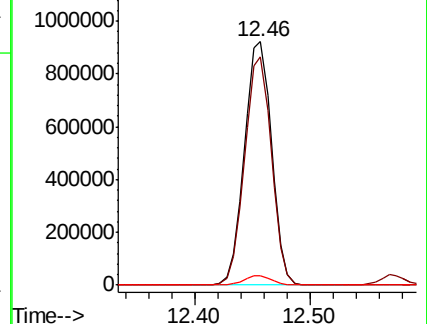
116 3.9 3.0 4.6

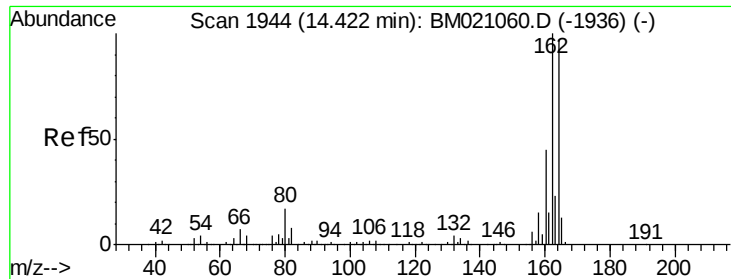


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

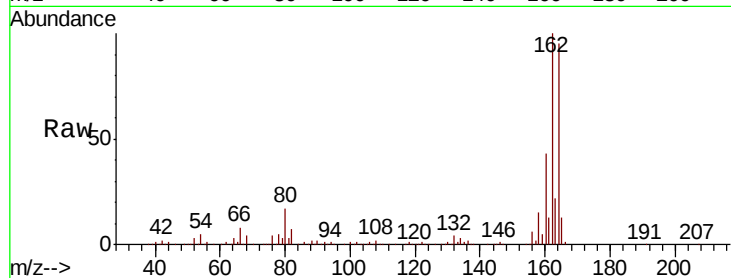
Tot Ion:164 Resp: 653734

Ion Ratio Lower Upper

164 100

162 105.5 82.1 123.1

160 45.7 37.1 55.7

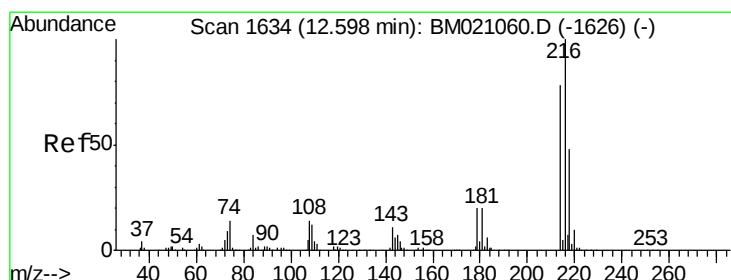
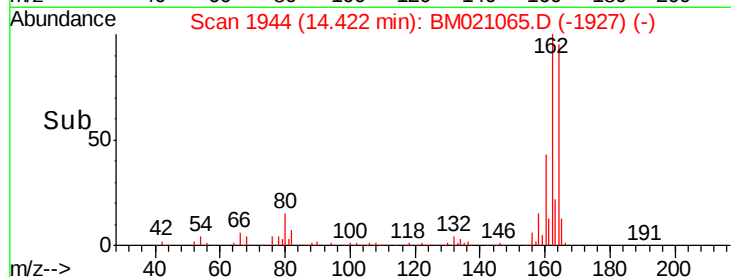
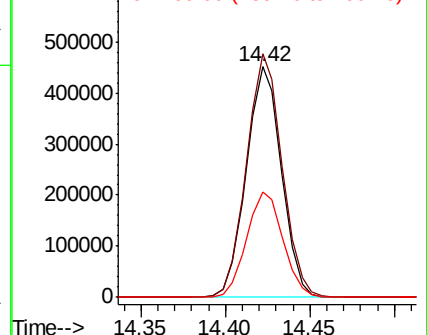


Abundance

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: 37.813 ng

RT: 12.60 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Tgt Ion:216 Resp: 935651

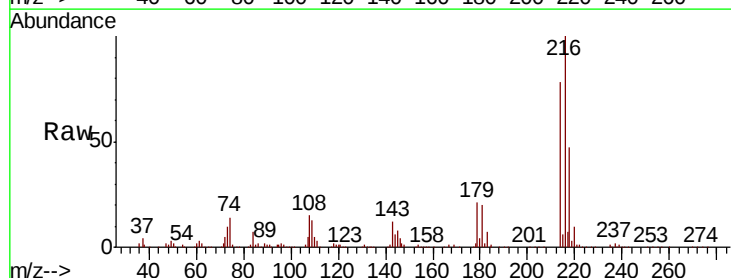
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.6

179 20.6 16.4 24.6

108 15.7 12.5 18.7



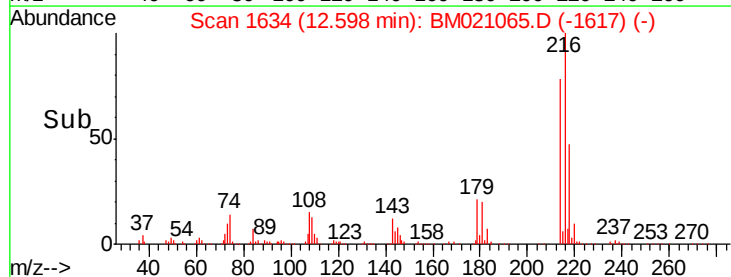
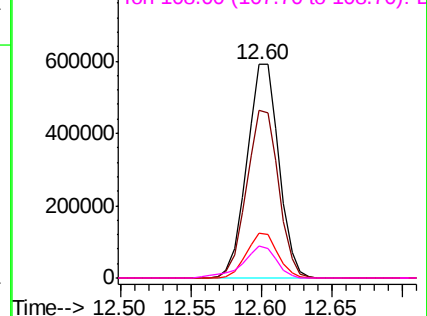
Abundance

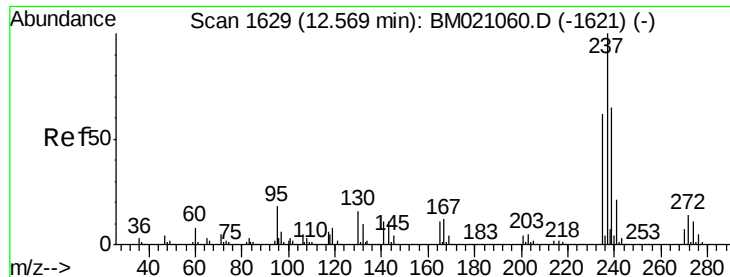
Ion 216.00 (215.70 to 216.70): E

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: 37.784 ng

RT: 12.57 min Scan# 1630

Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

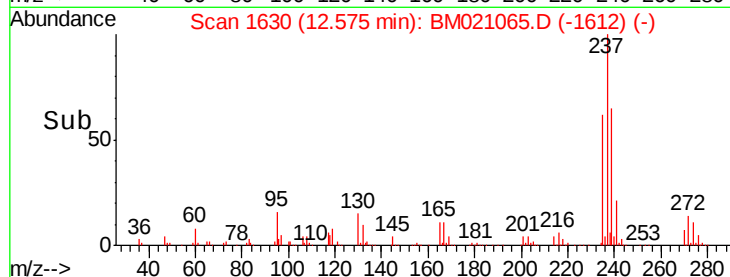
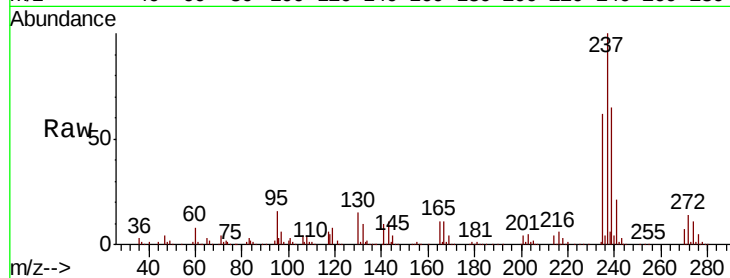
Tot Ion:237 Resp: 541978

Ion Ratio Lower Upper

237 100

235 62.1 41.7 81.7

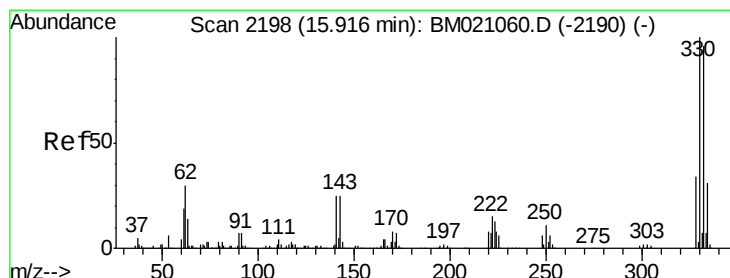
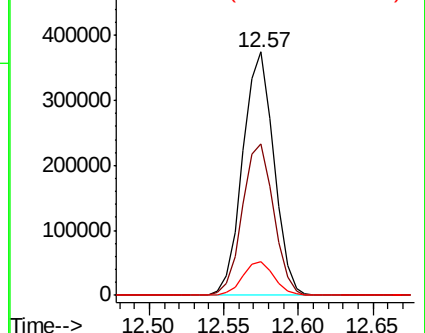
272 13.7 0.0 34.1



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: 79.853 ng

RT: 15.92 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

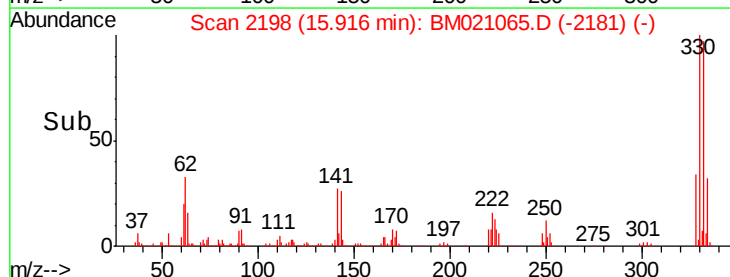
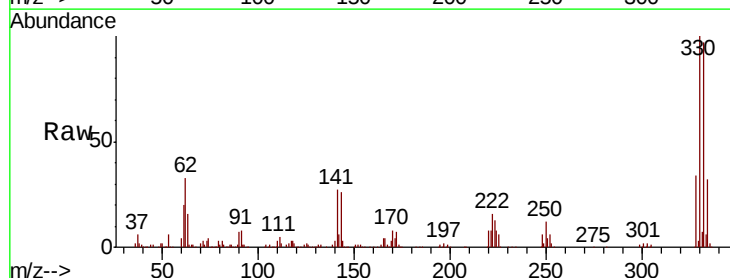
Tgt Ion:330 Resp: 979561

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

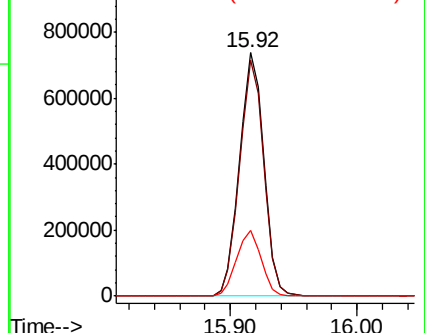
141 27.4 21.8 32.8

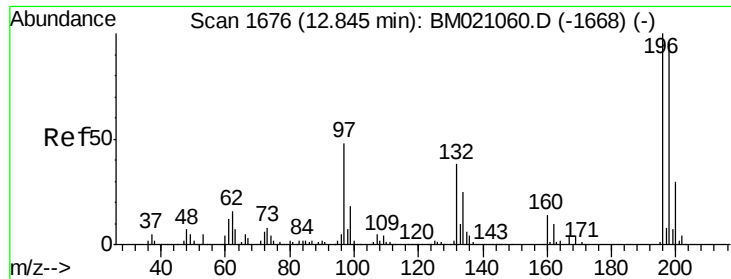


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

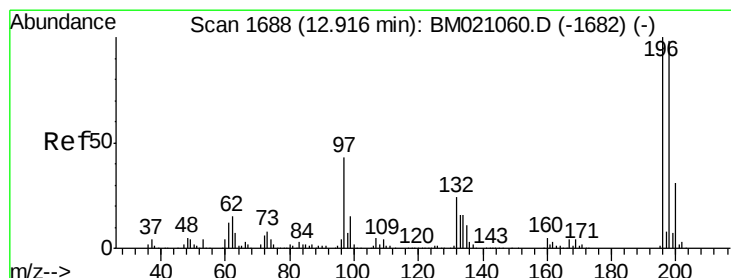
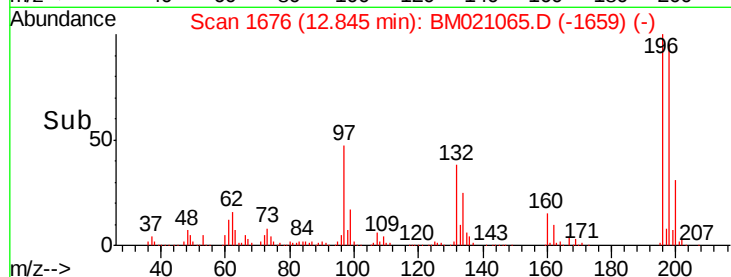
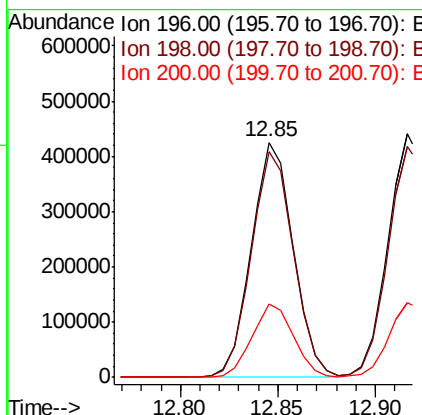
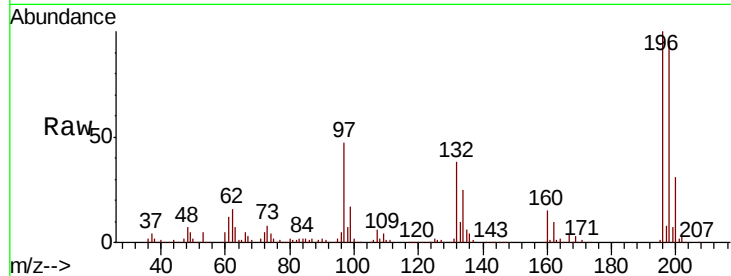




#43
 2,4,6-Trichlorophenol
 Concen: 38.707 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

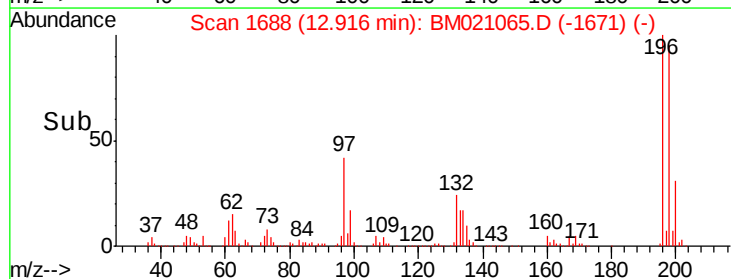
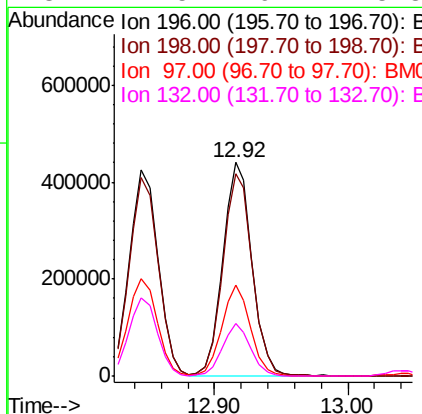
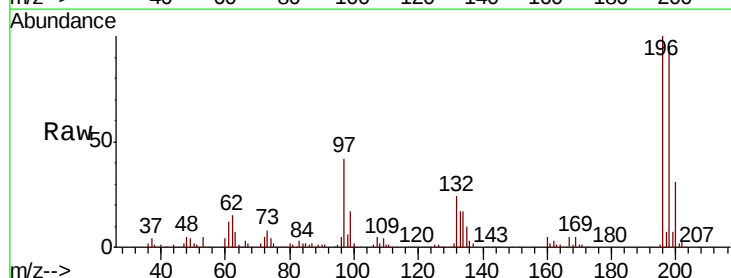
Instrument :
 BNA_M
 ClientSampled :

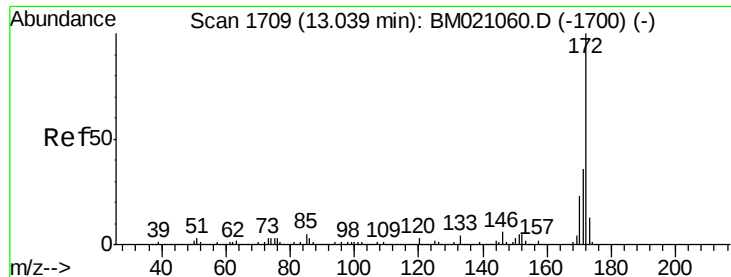
Tot Ion:196 Resp: 633764
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.7 115.1
 200 31.0 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 39.423 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

Tgt Ion:196 Resp: 668438
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.2 117.4
 97 42.4 34.1 51.1
 132 24.5 19.2 28.8

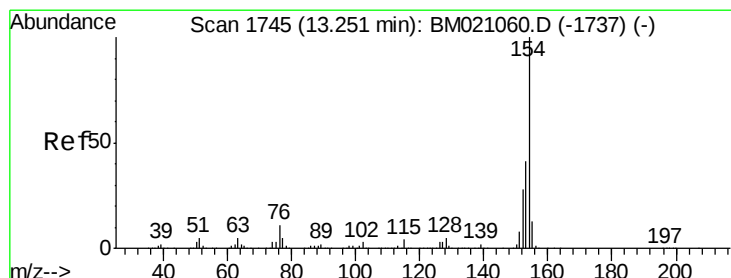
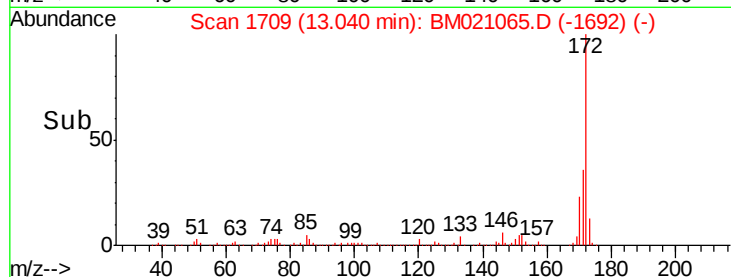
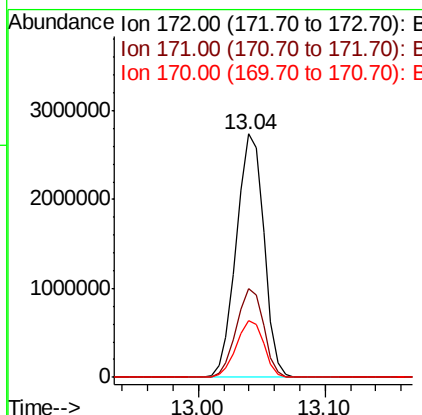
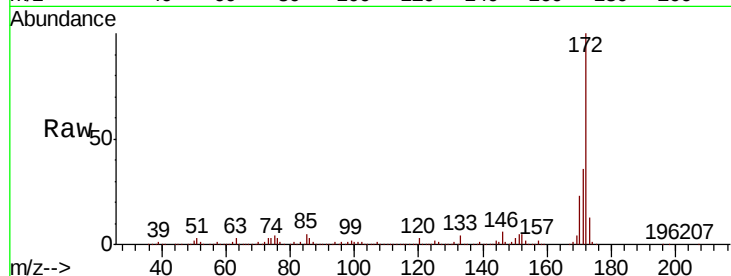




#45
2-Fluorobiphenyl
Concen: 77.269 ng
RT: 13.04 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

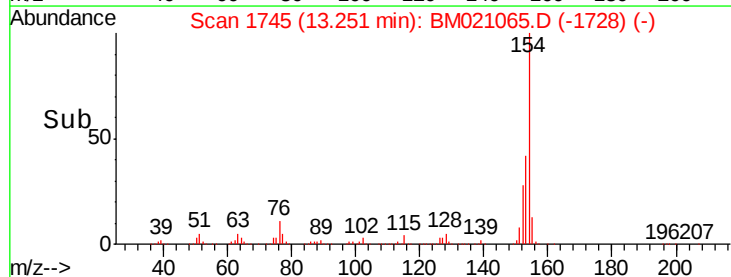
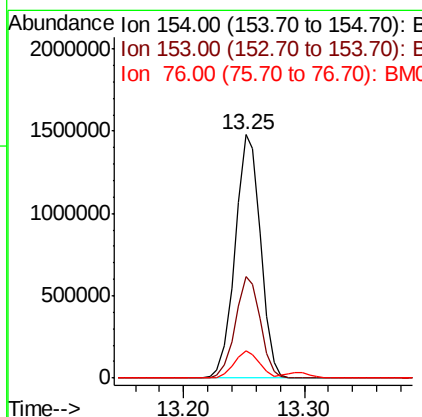
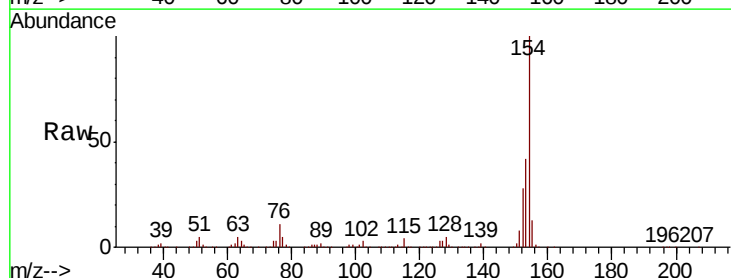
Instrument :
BNA_M
ClientSampleId :

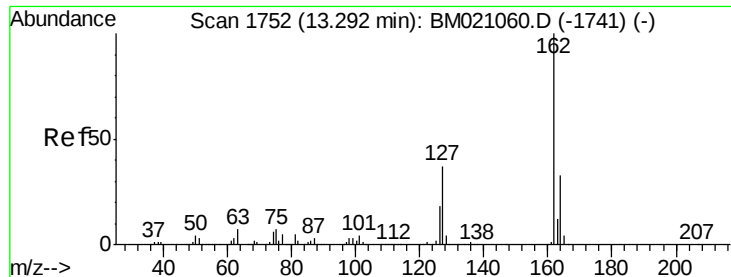
Tot Ion:172 Resp: 4110114
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.3 18.7 28.1



#46
1,1'-Biphenyl
Concen: 38.626 ng
RT: 13.25 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion:154 Resp: 2161204
Ion Ratio Lower Upper
154 100
153 41.7 21.3 61.3
76 11.3 0.0 30.9

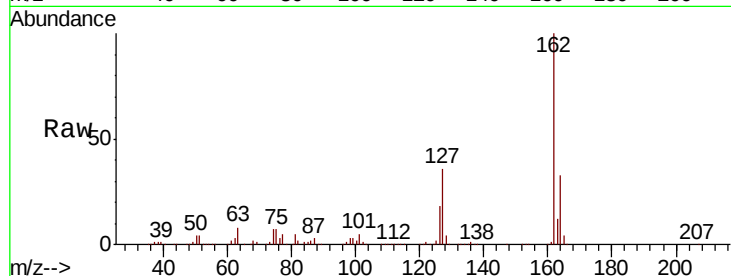




#47
 2-Chloronaphthalene
 Concen: 38.786 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	29.4	44.2
164	33.4	26.5	39.7

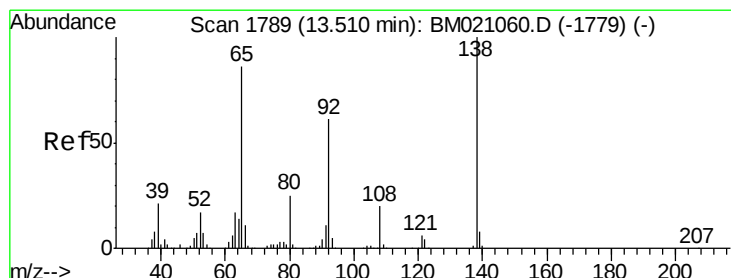
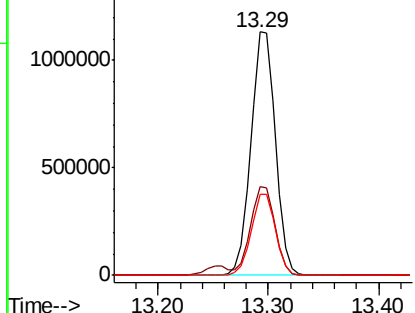
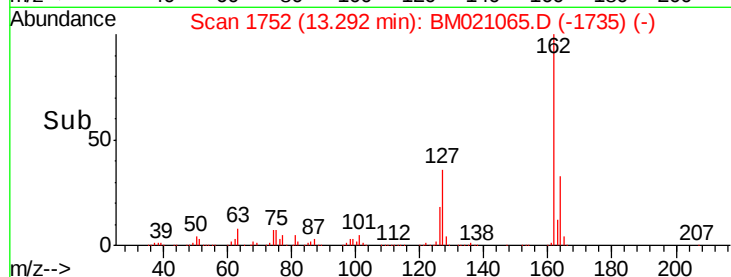


Abundance

Ion 162.00 (161.70 to 162.70): E

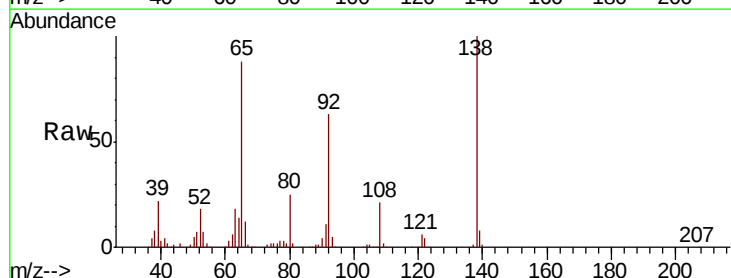
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 40.524 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	56.3	84.5
138	113.7	92.6	139.0

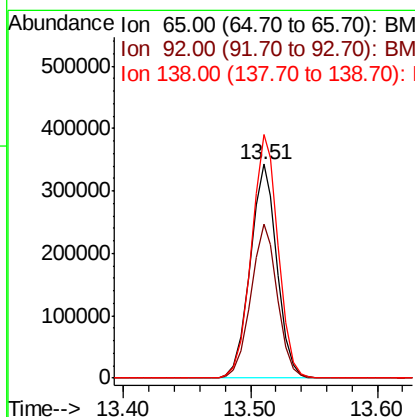
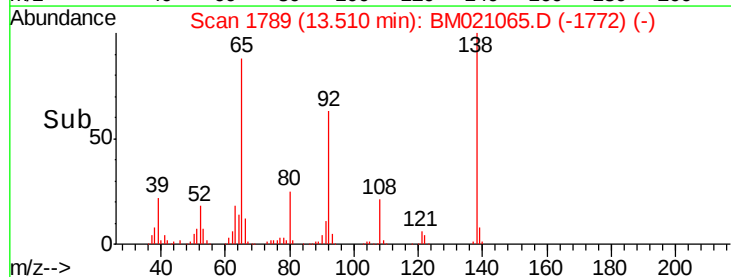


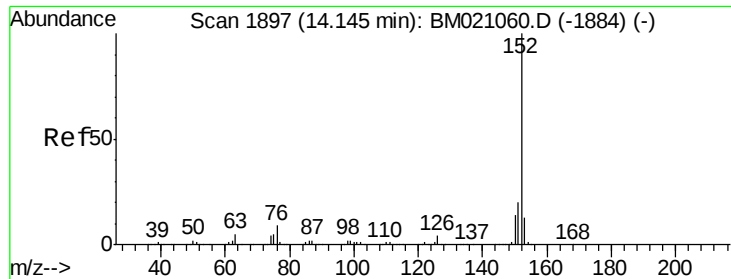
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.673 ng

RT: 14.15 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampled :

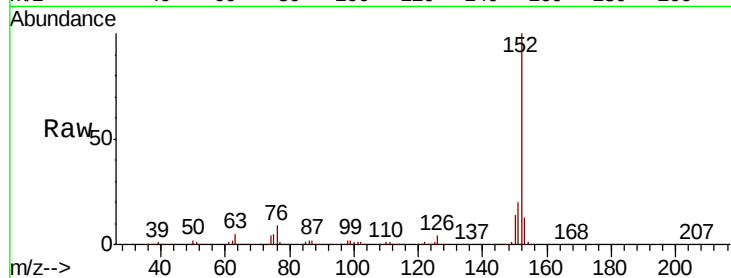
Tot Ion:152 Resp: 2743572

Ion Ratio Lower Upper

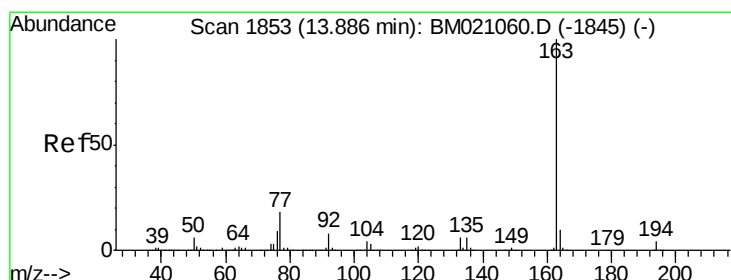
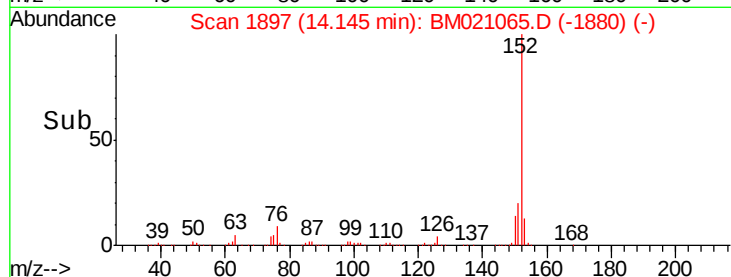
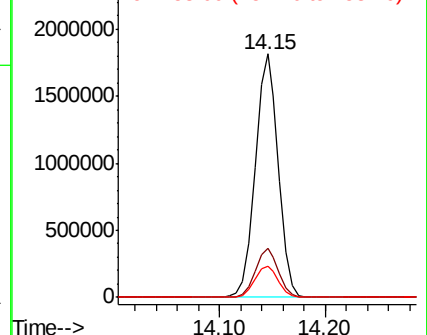
152 100

151 20.2 16.1 24.1

153 12.8 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.471 ng

RT: 13.89 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

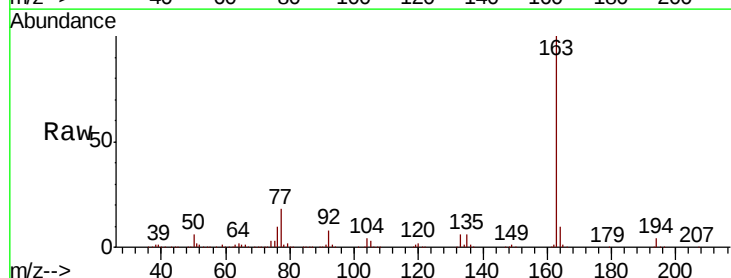
Tgt Ion:163 Resp: 2294158

Ion Ratio Lower Upper

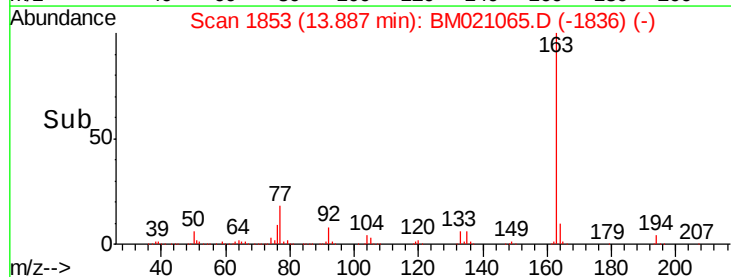
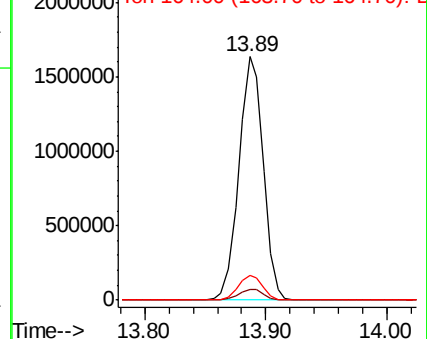
163 100

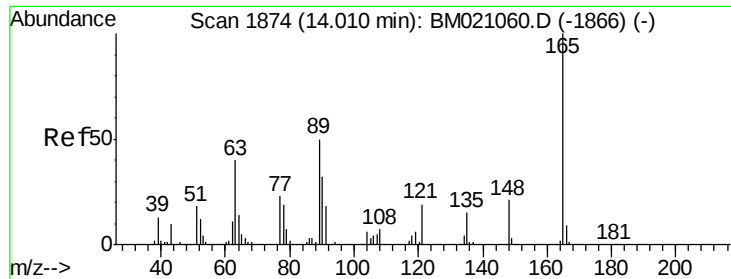
194 4.3 3.4 5.2

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.136 ng

RT: 14.01 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampled :

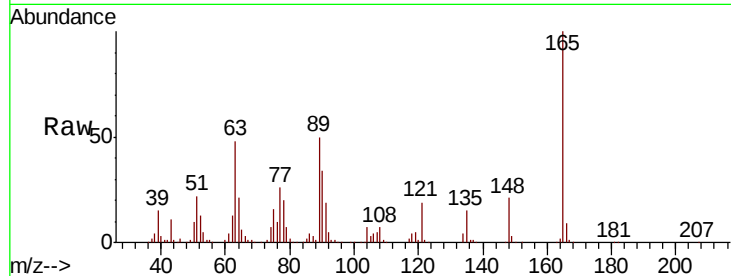
Tot Ion:165 Resp: 501861

Ion Ratio Lower Upper

165 100

63 47.7 37.8 56.6

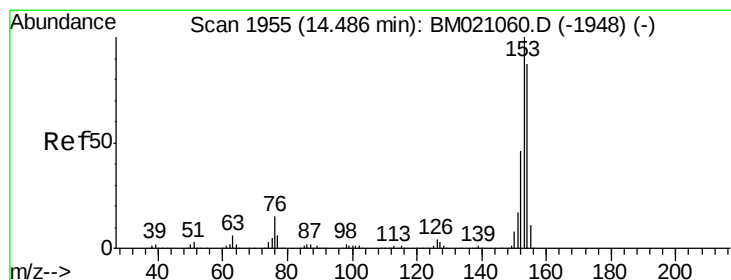
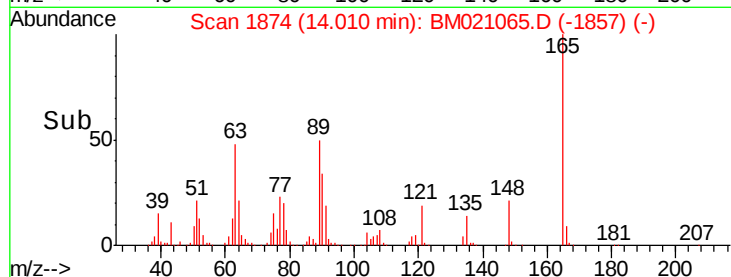
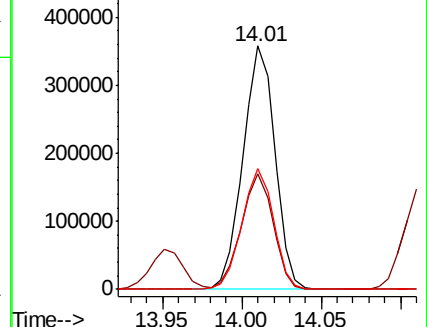
89 49.8 39.7 59.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 39.299 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

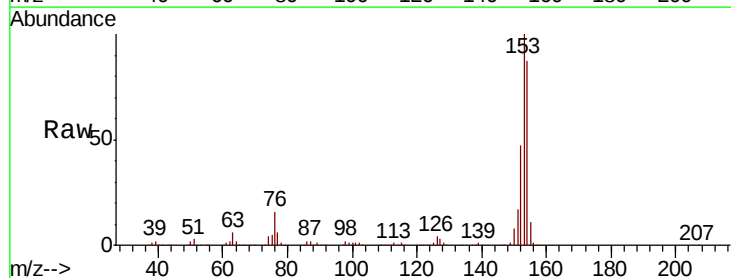
Tgt Ion:154 Resp: 1639708

Ion Ratio Lower Upper

154 100

153 114.4 91.5 137.3

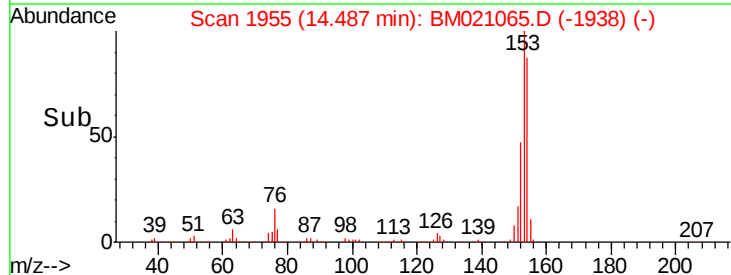
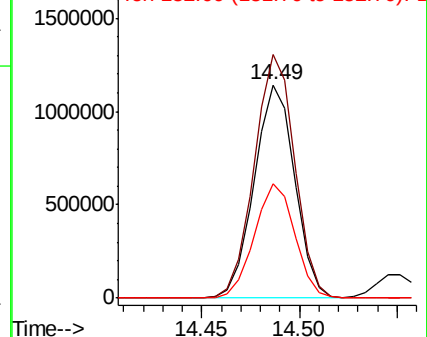
152 53.5 42.3 63.5

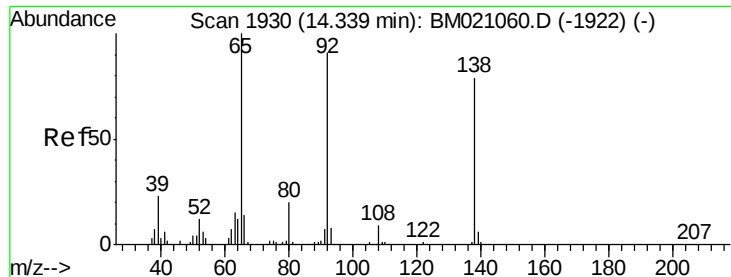


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

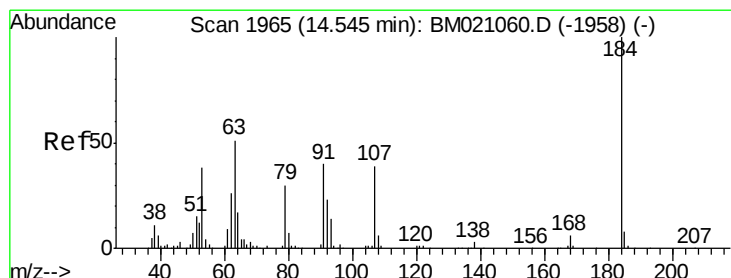
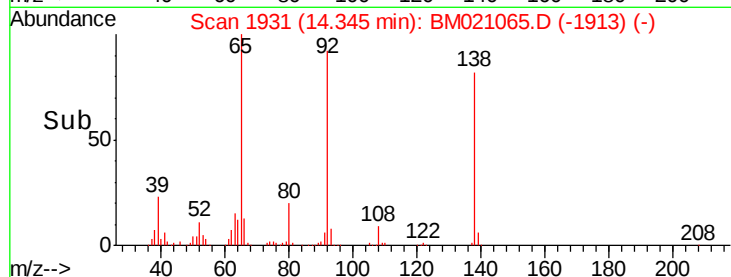
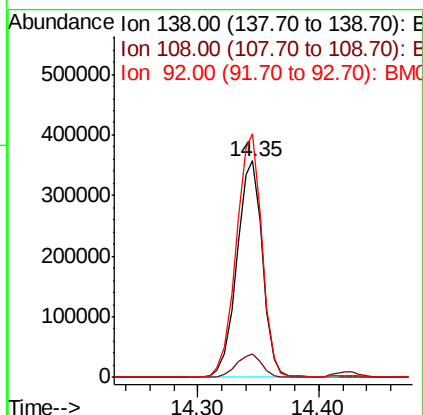
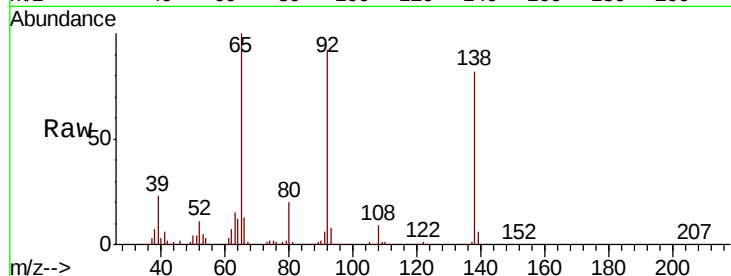




#53
3-Nitroaniline
Concen: 41.300 ng
RT: 14.35 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

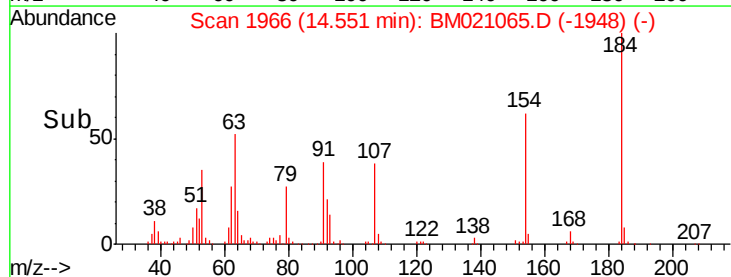
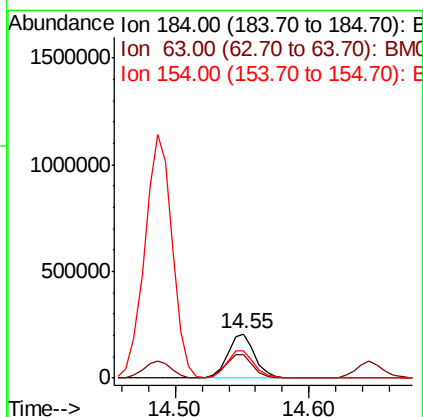
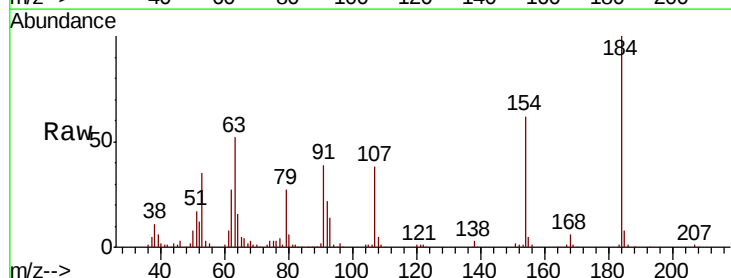
Instrument :
BNA_M
ClientSampled :

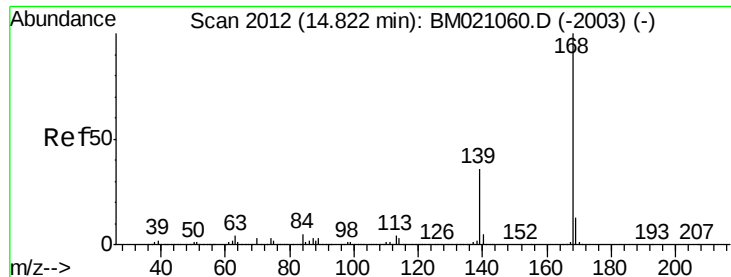
Tot Ion:138 Resp: 526480
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 112.5 92.2 138.2



#54
2,4-Dinitrophenol
Concen: 43.838 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion:184 Resp: 294453
Ion Ratio Lower Upper
184 100
63 52.4 45.5 68.3
154 61.8 50.6 76.0

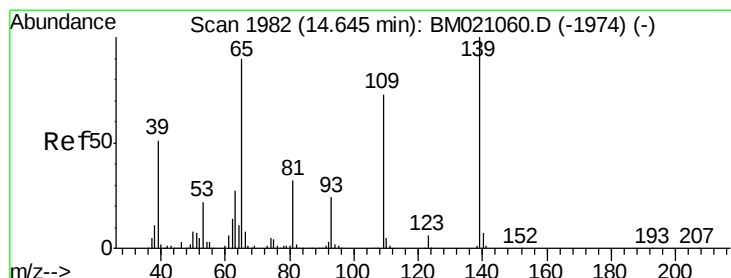
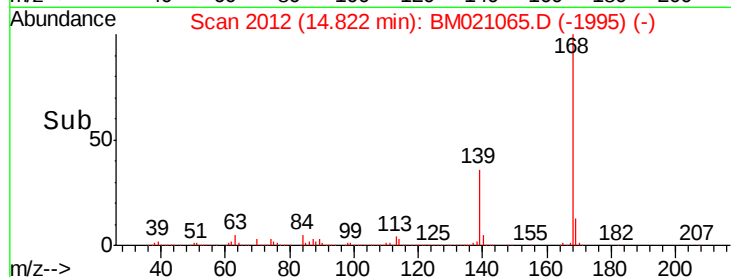
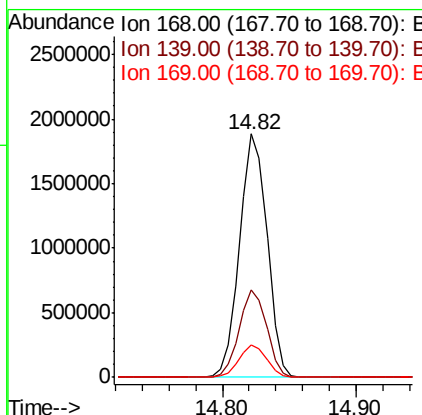
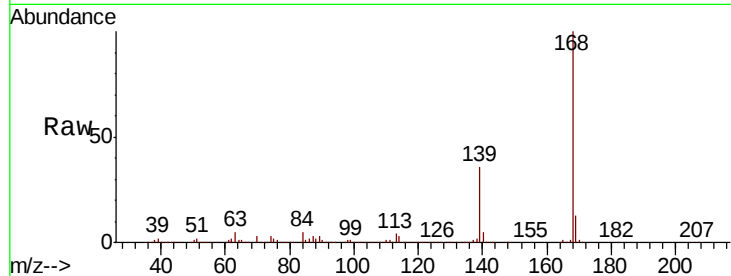




#55
Dibenzenofuran
Concen: 39.450 ng
RT: 14.82 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

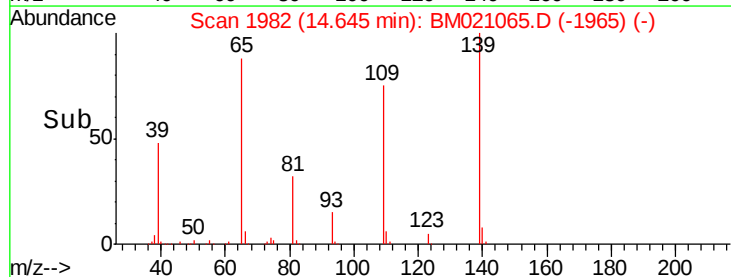
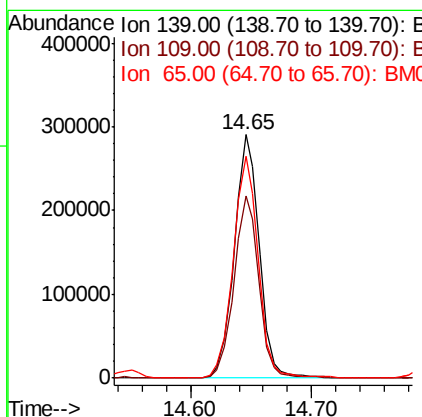
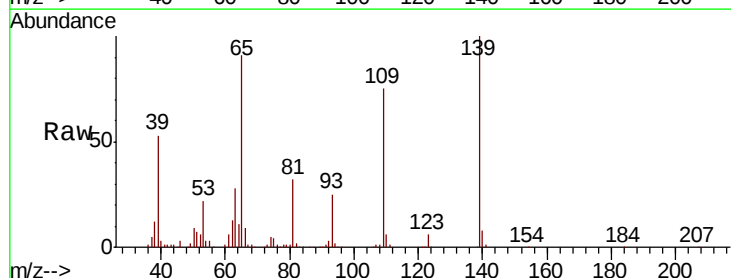
Instrument :
BNA_M
ClientSampled :

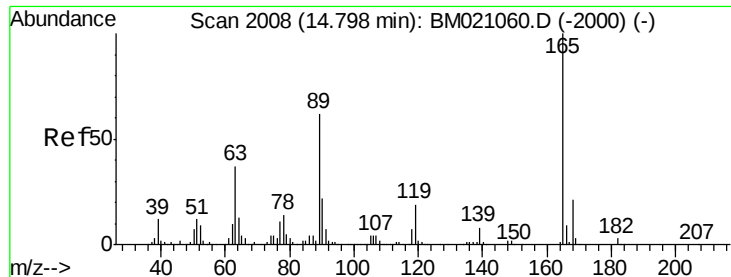
Tot Ion:168 Resp: 2685191
Ion Ratio Lower Upper
168 100
139 36.1 28.4 42.6
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 42.881 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion:139 Resp: 418005
Ion Ratio Lower Upper
139 100
109 74.7 53.3 93.3
65 91.0 70.3 110.3

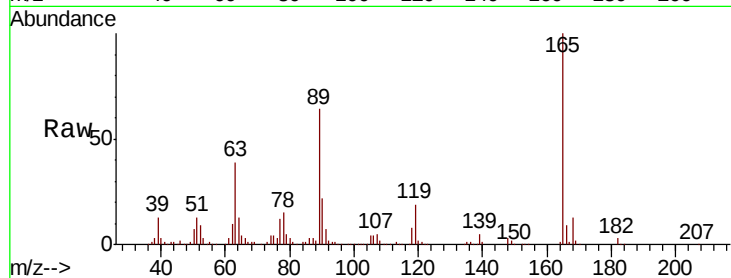




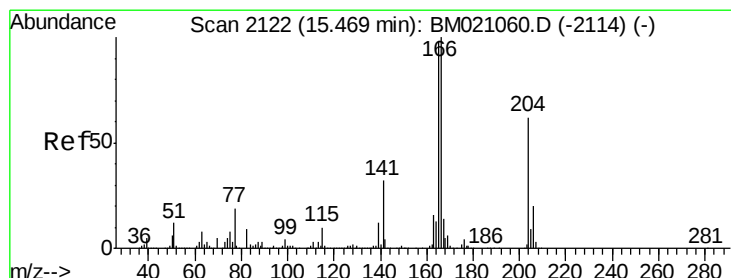
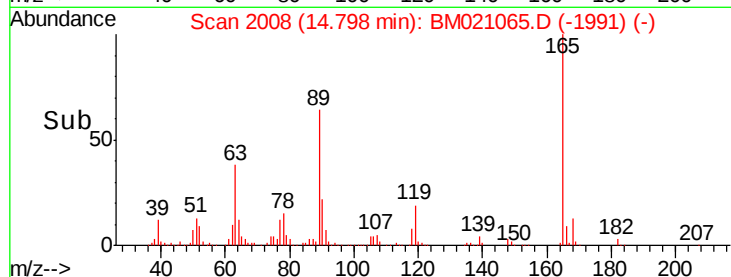
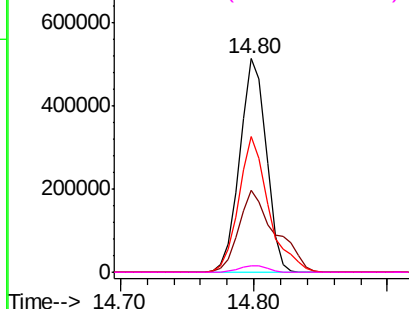
#57
 2,4-Dinitrotoluene
 Concen: 40.912 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165	Resp:	706390
Ion	Ratio	Lower Upper
165	100	
63	38.6	29.6 44.4
89	63.6	49.5 74.3
182	2.9	2.4 3.6

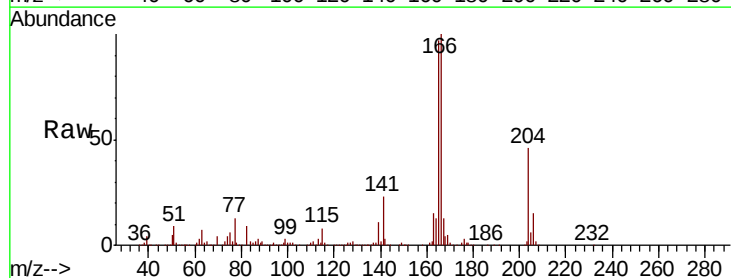


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

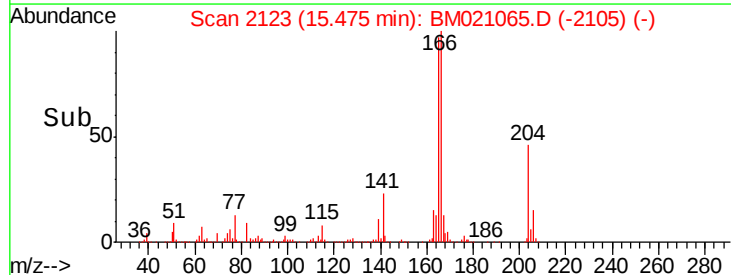
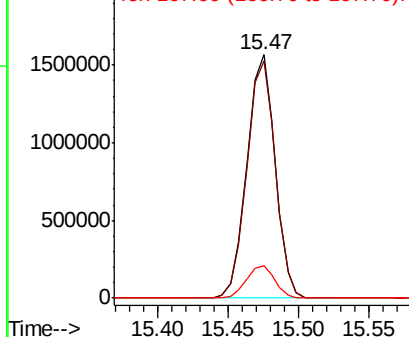


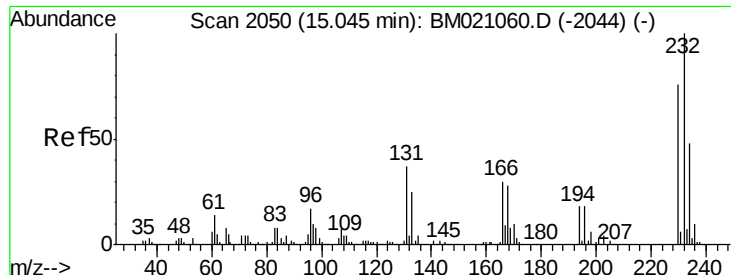
#58
 Fluorene
 Concen: 39.554 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. 0.01 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

Tgt Ion:166	Resp:	2199741
Ion	Ratio	Lower Upper
166	100	
165	97.4	78.6 117.8
167	13.3	10.9 16.3



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

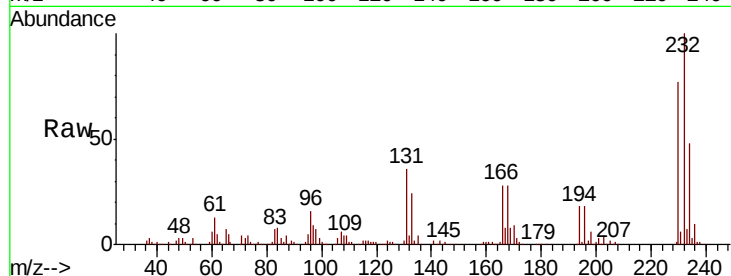




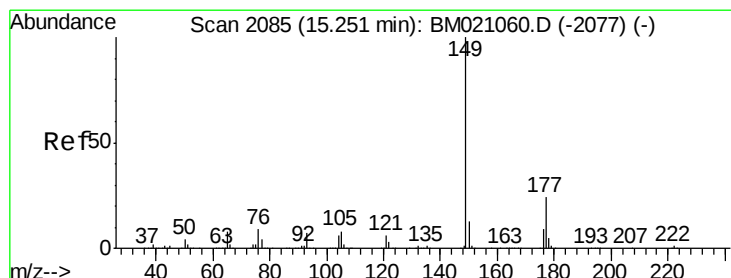
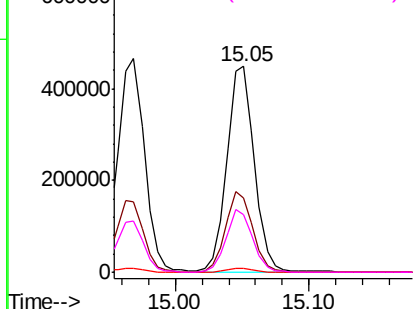
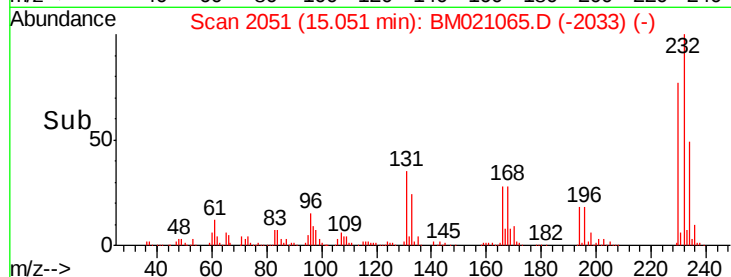
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.671 ng
RT: 15.05 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.8	30.6	46.0
130	2.1	1.7	2.5
166	29.5	23.4	35.0

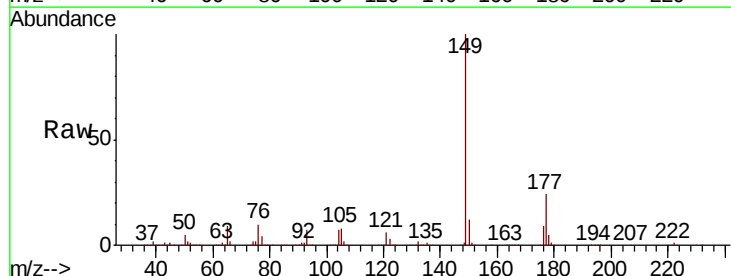


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

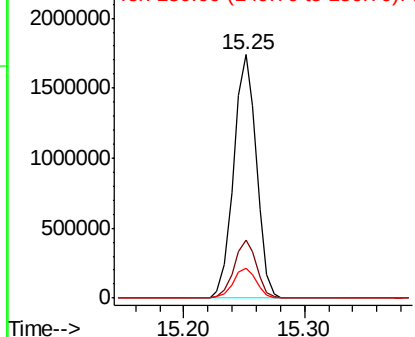
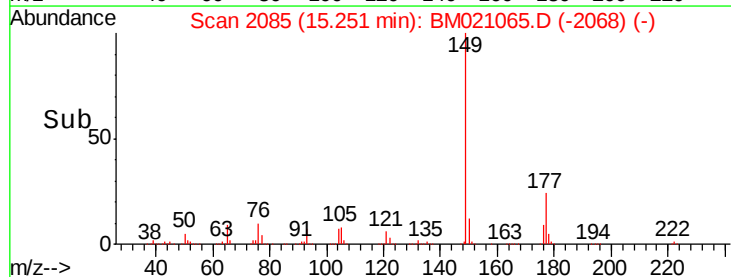


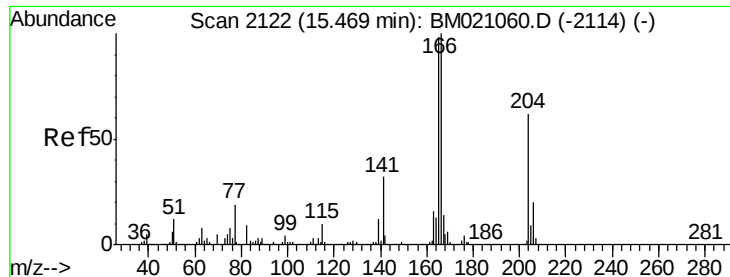
#60
Diethylphthalate
Concen: 39.814 ng
RT: 15.25 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.1	28.7
150	12.5	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

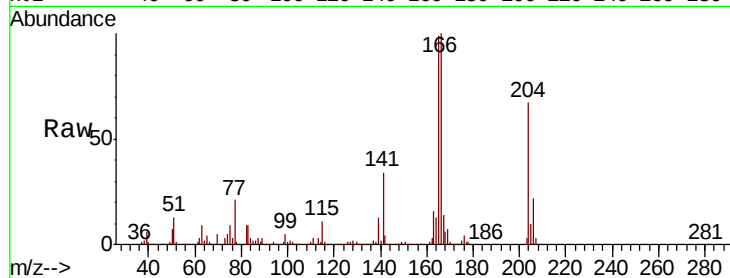




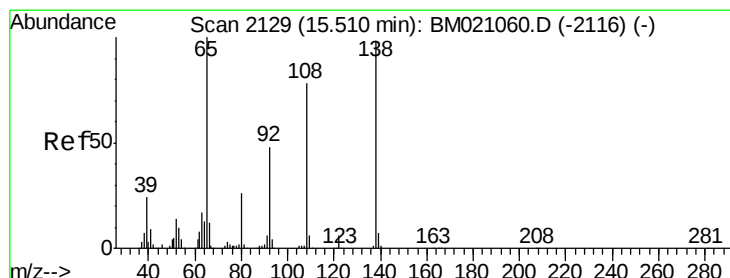
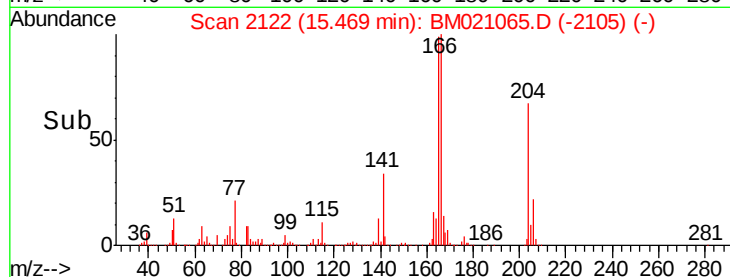
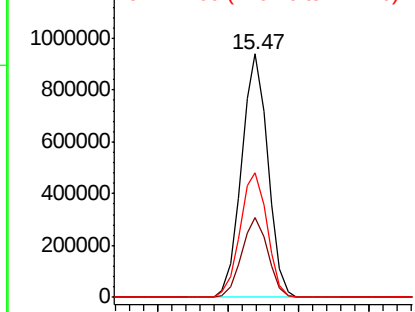
#61
4-Chlorophenyl-phenylether
Concen: 38.857 ng
RT: 15.47 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1220817
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 51.2 40.7 61.1

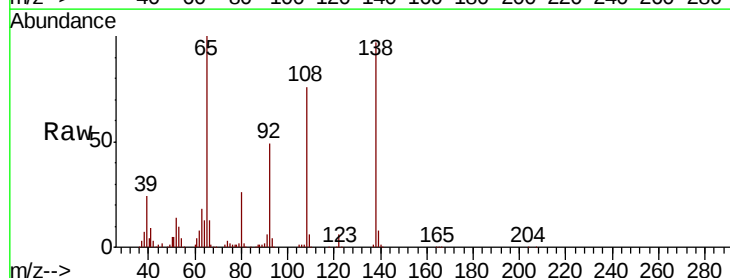


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

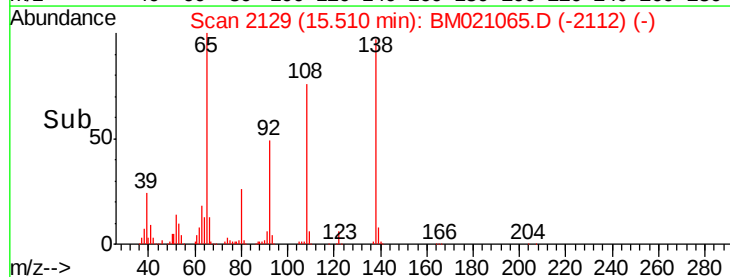
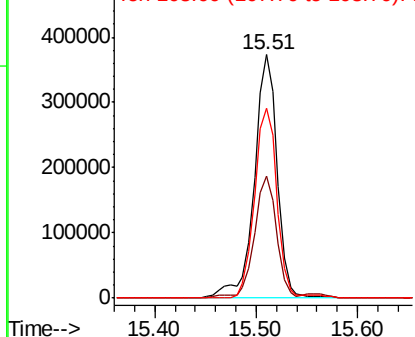


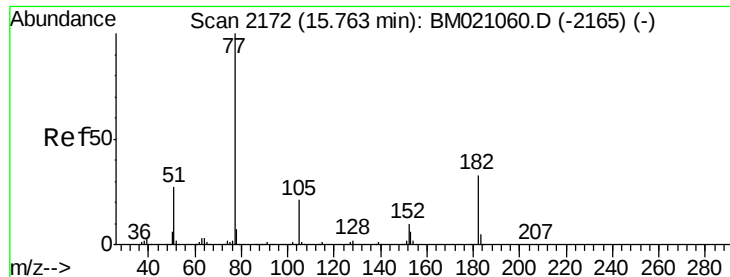
#62
4-Nitroaniline
Concen: 43.637 ng
RT: 15.51 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion:138 Resp: 583842
Ion Ratio Lower Upper
138 100
92 50.0 29.1 69.1
108 78.1 59.2 99.2



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





#63

Azobenzene

Concen: 40.038 ng

RT: 15.76 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1880055

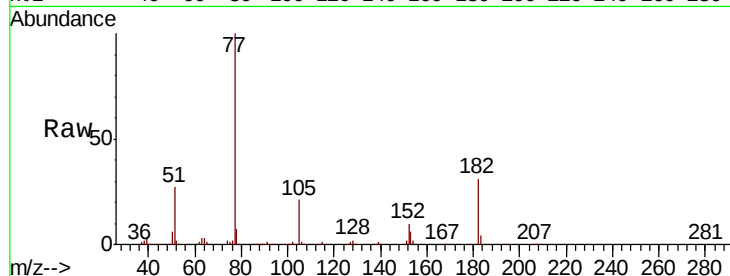
Ion Ratio Lower Upper

77 100

182 31.2 12.6 52.6

105 20.9 1.1 41.1

51 26.7 6.9 46.9

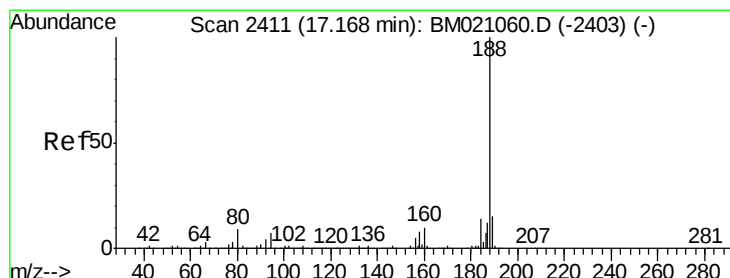
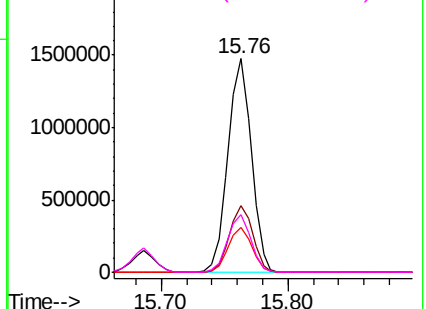
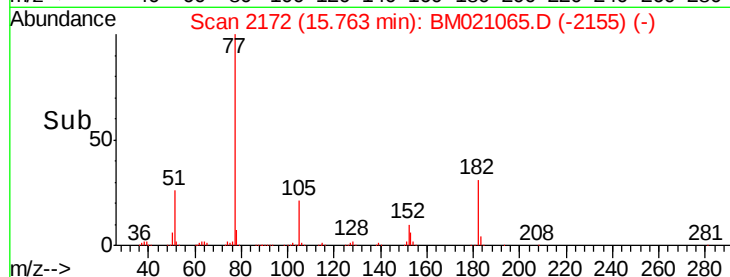


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

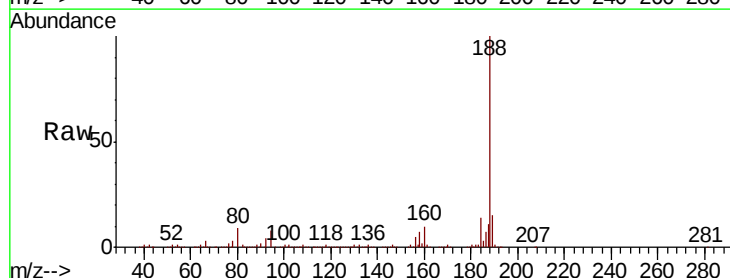
Tgt Ion: 188 Resp: 1627780

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.8

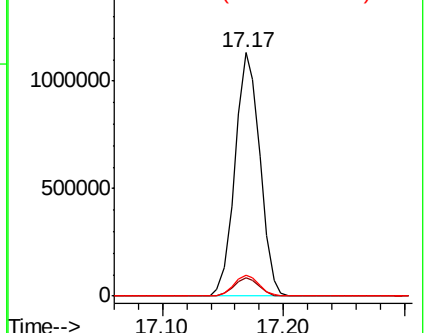
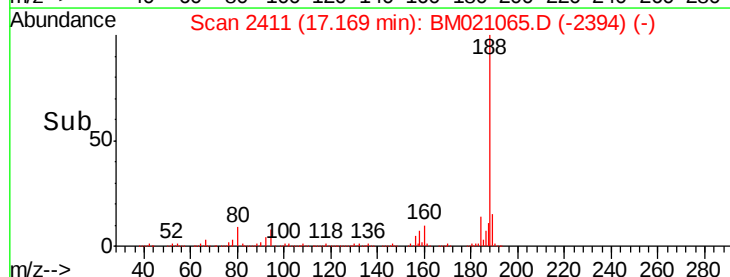
80 8.5 6.9 10.3

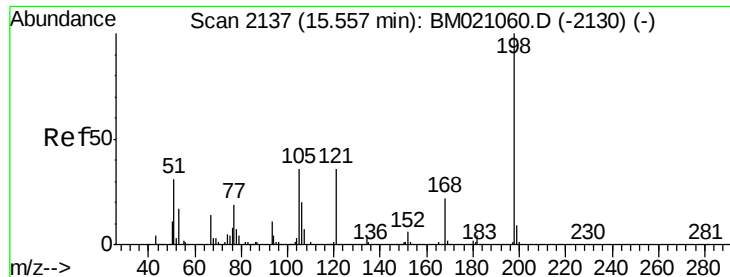


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 39.218 ng

RT: 15.56 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

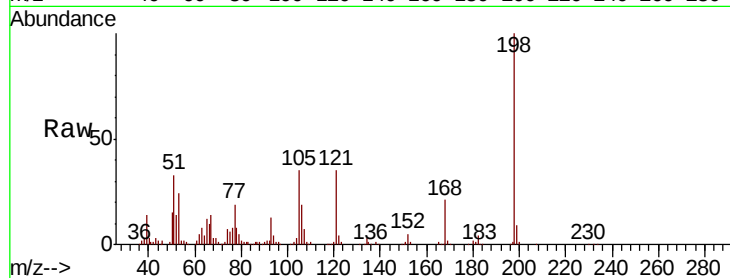
Tot Ion:198 Resp: 393613

Ion	Ratio	Lower	Upper
198	100		
51	32.9	15.3	55.3
105	34.7	16.8	56.8

198 100

51 32.9 15.3 55.3

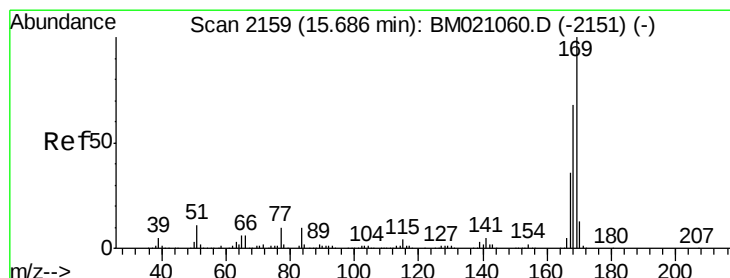
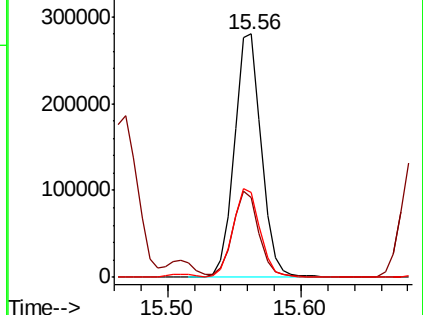
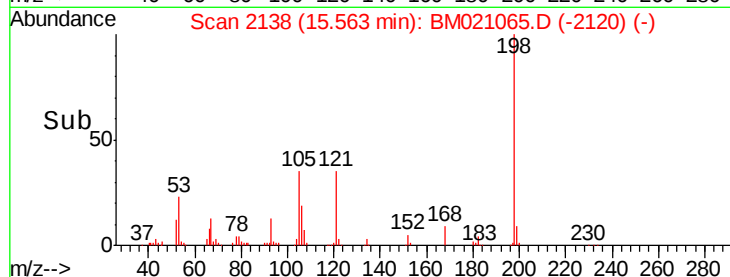
105 34.7 16.8 56.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM021065.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.043 ng

RT: 15.69 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

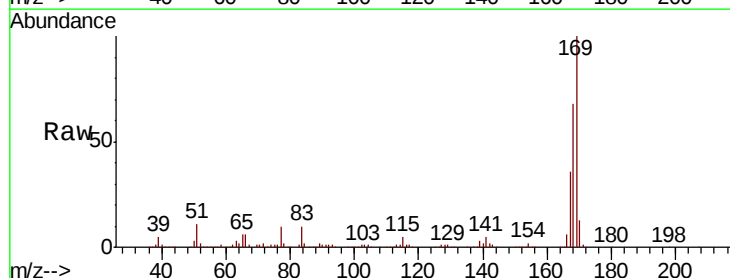
Tgt Ion:169 Resp: 1951895

Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.5	81.7
167	36.4	29.0	43.6

169 100

168 67.7 54.5 81.7

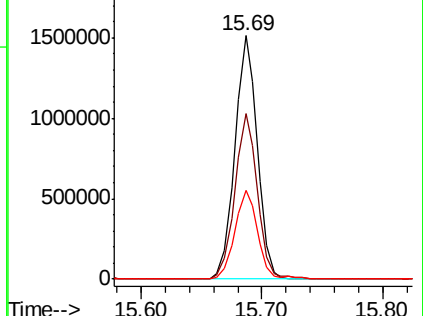
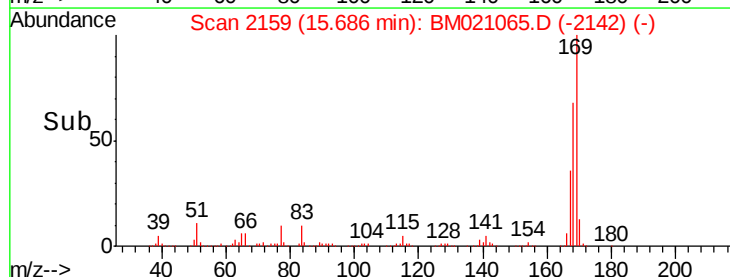
167 36.4 29.0 43.6

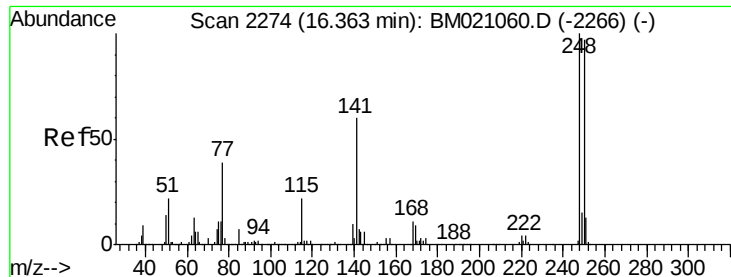


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

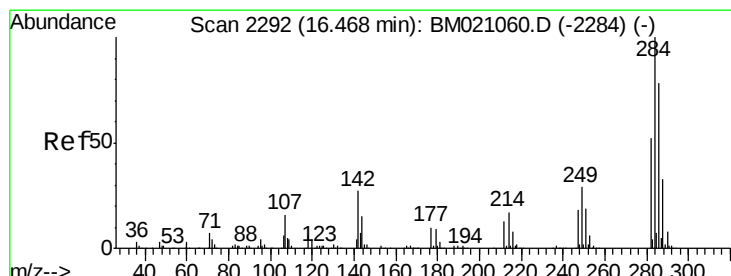
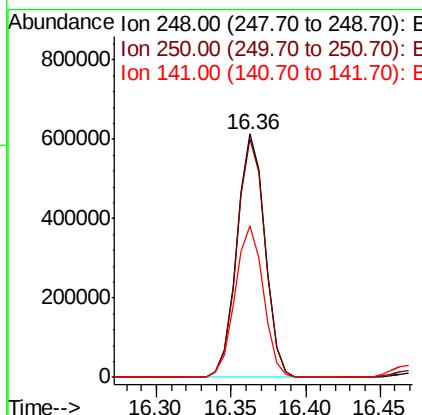
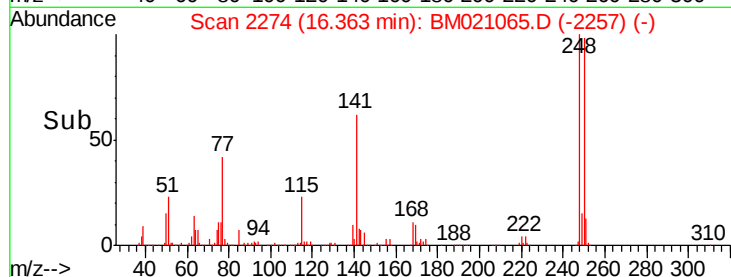
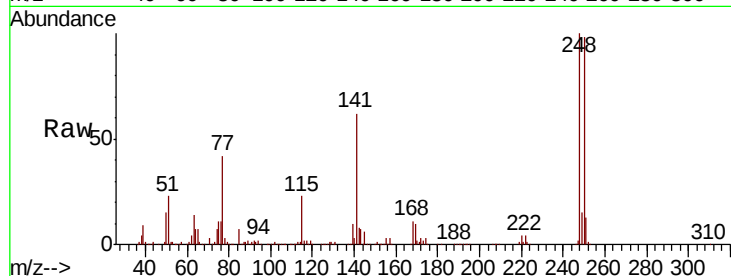




#67
4-Bromophenyl-phenylether
Concen: 36.935 ng
RT: 16.36 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

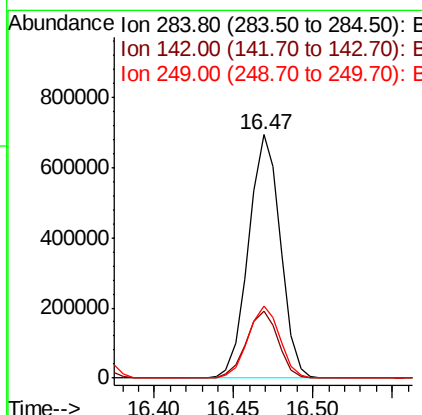
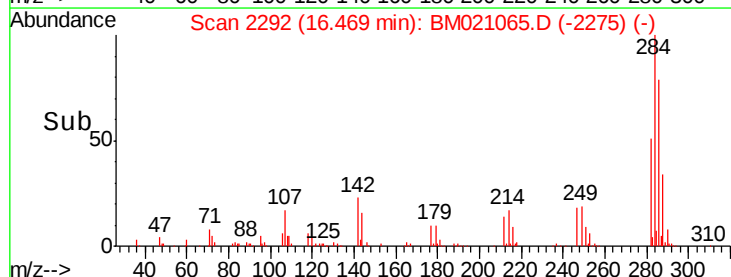
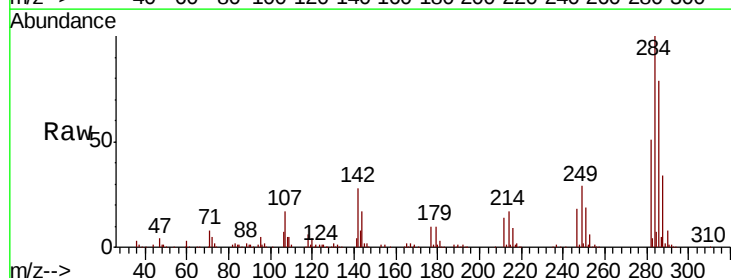
Instrument :
BNA_M
ClientSampleId :

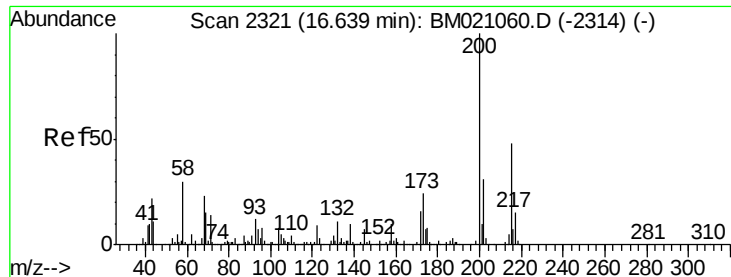
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.5	116.3
141	62.0	47.8	71.6



#68
Hexachlorobenzene
Concen: 37.469 ng
RT: 16.47 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	21.2	31.8
249	29.4	23.4	35.0

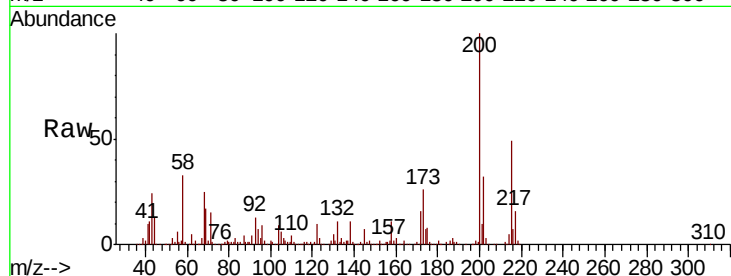




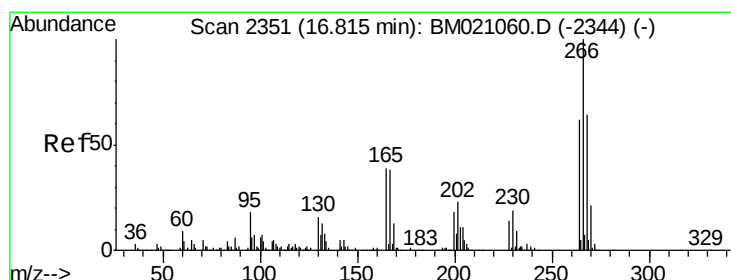
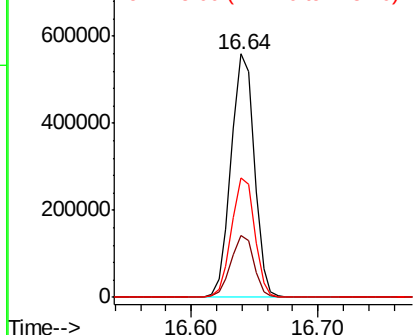
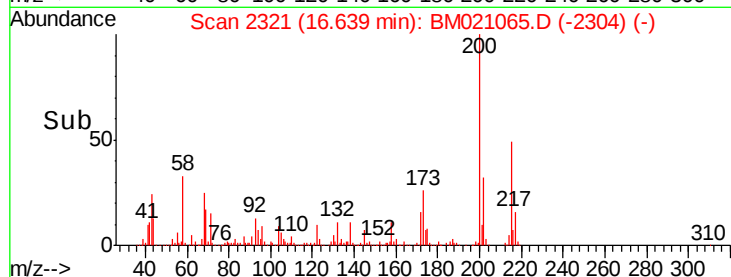
#69
Atrazine
Concen: 42.309 ng
RT: 16.64 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	4.3	44.3
215	48.8	28.2	68.2

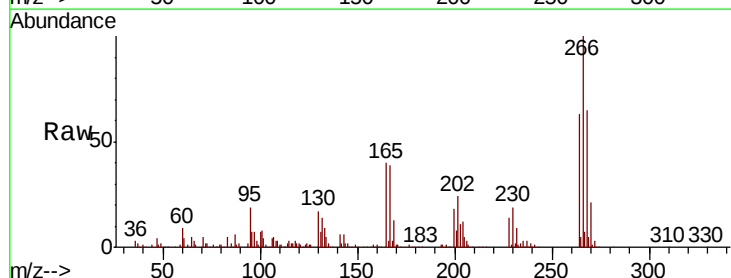


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

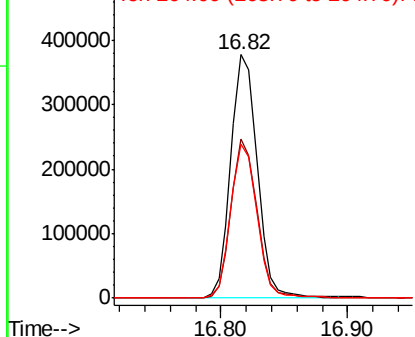
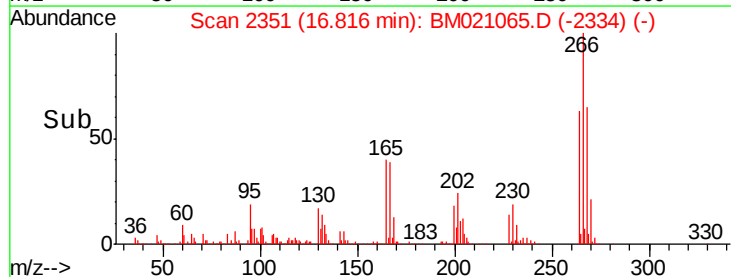


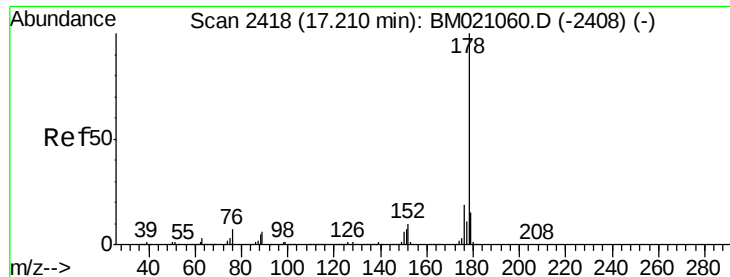
#70
Pentachlorophenol
Concen: 39.265 ng
RT: 16.82 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.0	76.4
264	63.1	49.9	74.9



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

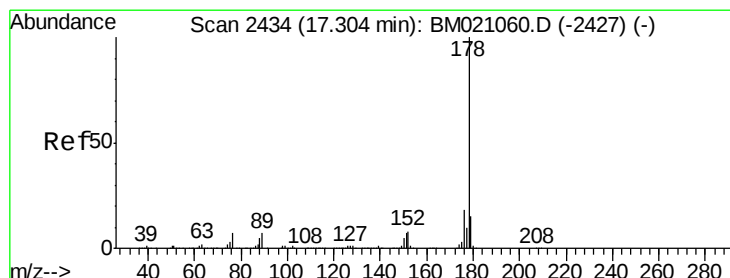
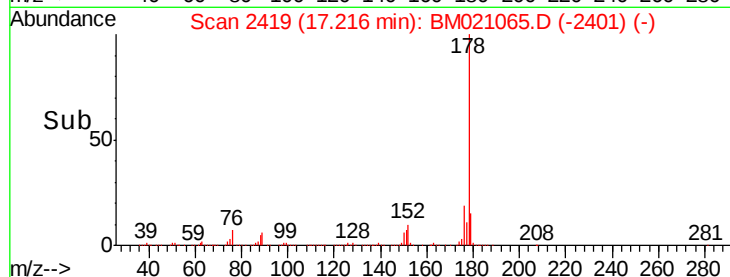
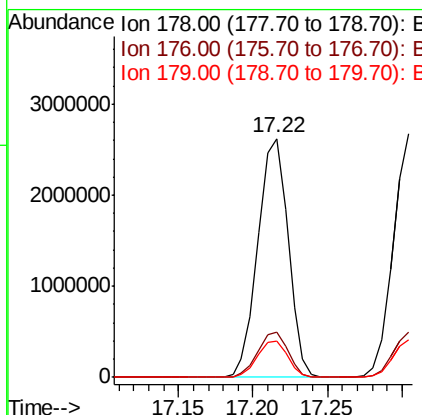
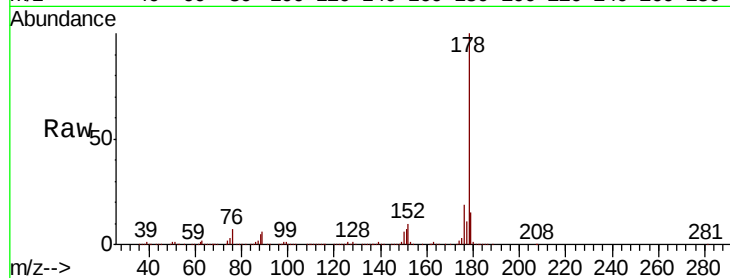




#71
Phenanthrene
Concen: 39.298 ng
RT: 17.22 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

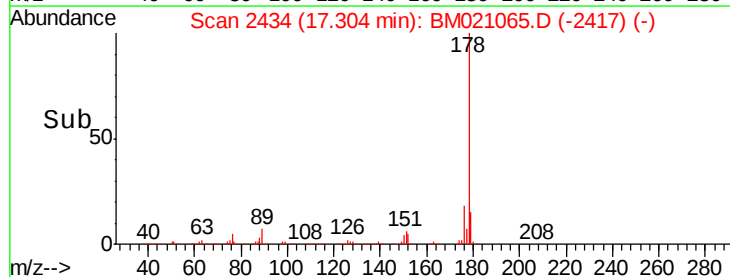
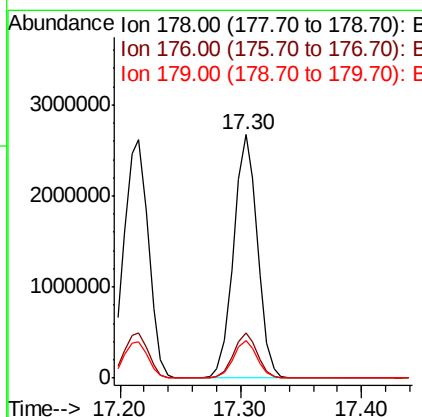
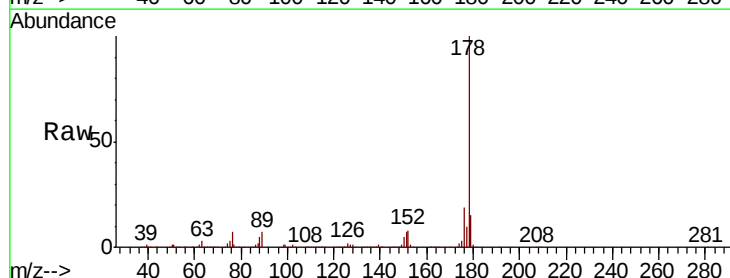
Instrument :
BNA_M
ClientSampleId :

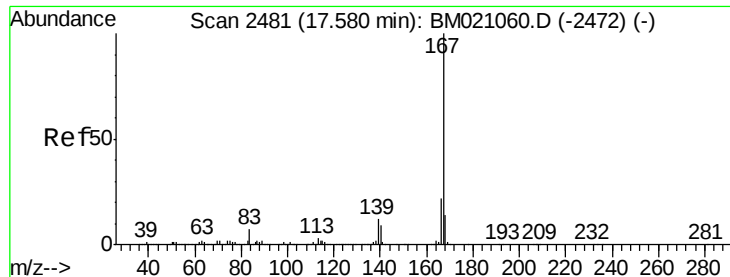
Tot Ion:178 Resp: 3686580
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.3 12.2 18.4



#72
Anthracene
Concen: 39.439 ng
RT: 17.30 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion:178 Resp: 3664943
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.5 12.2 18.2



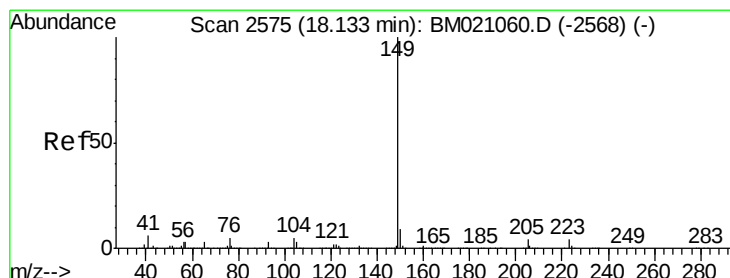
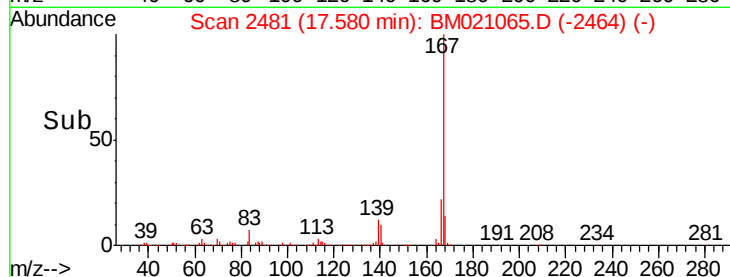
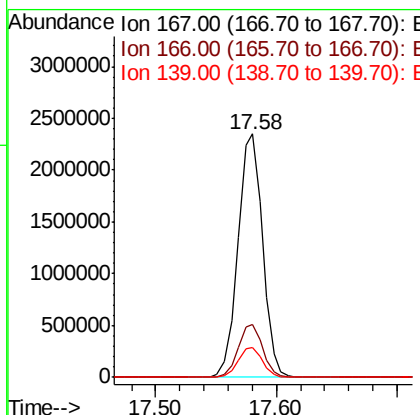
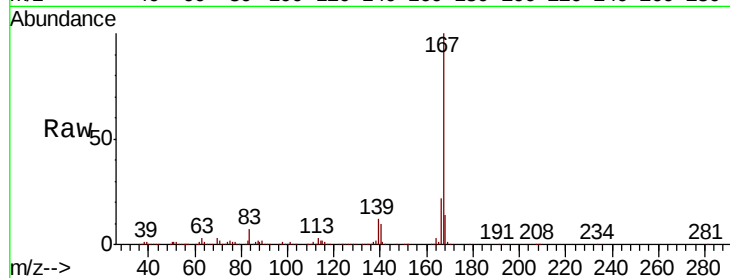


#73
 Carbazole
 Concen: 40.578 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3334080

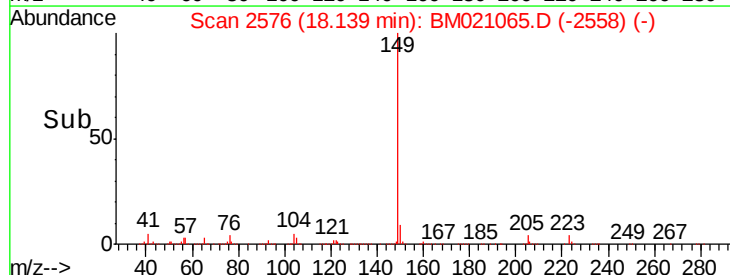
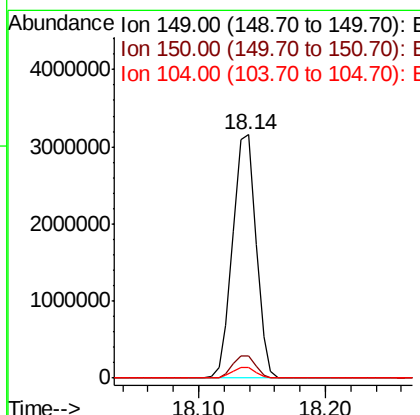
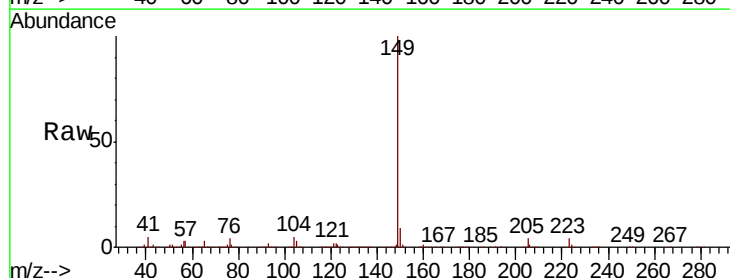
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	12.1	9.7	14.5

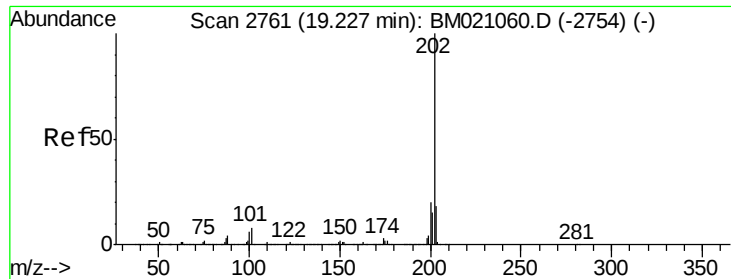


#74
 Di-n-butylphthalate
 Concen: 39.867 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. 0.01 min
 Lab File: BM021065.D
 Acq: 20 Jun 2019 16:35

Tgt Ion:149 Resp: 4010056

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.5	3.8	5.8





#75

Fluoranthene

Concen: 42.095 ng

RT: 19.23 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

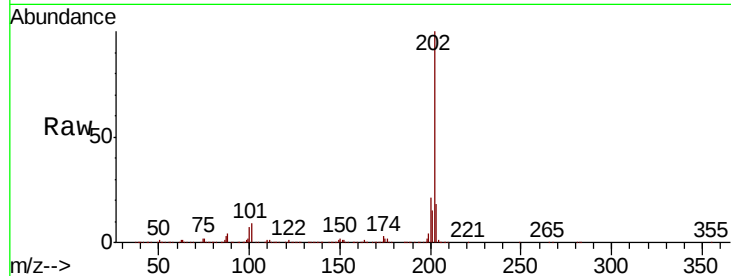
Tot Ion:202 Resp: 4560301

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.2

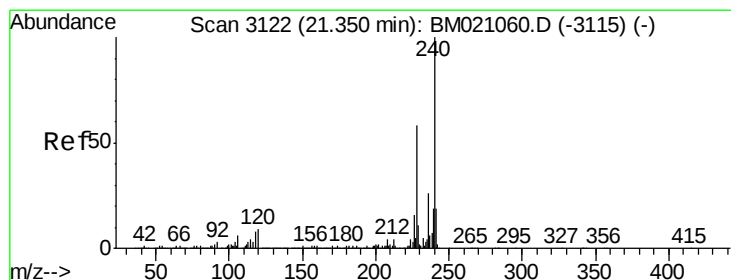
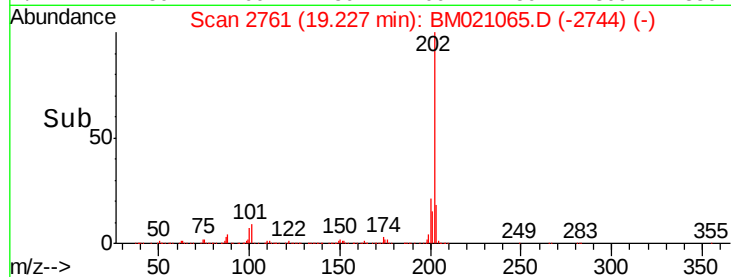
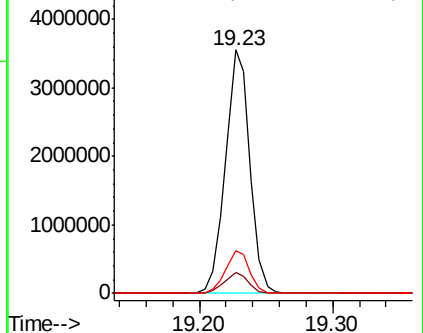
203 17.7 0.0 37.6



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: 21.36 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

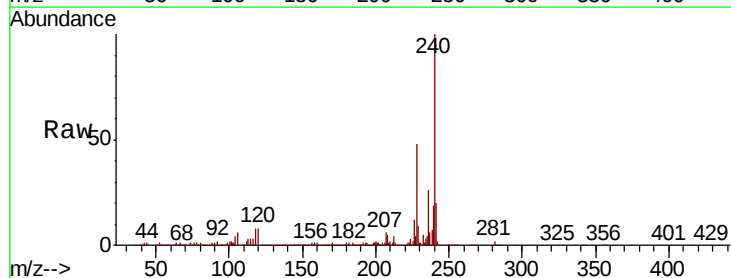
Tgt Ion:240 Resp: 1804990

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

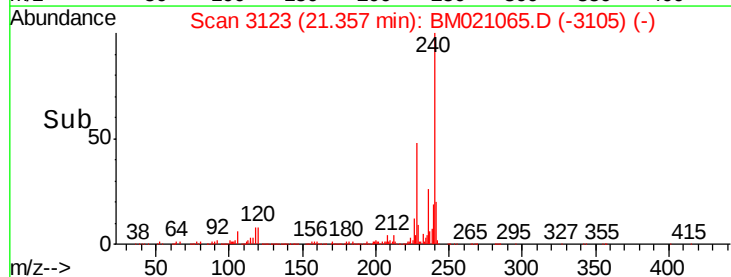
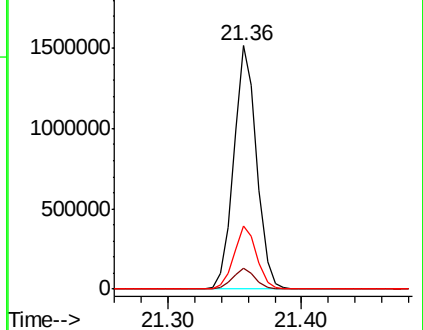
236 26.0 20.4 30.6

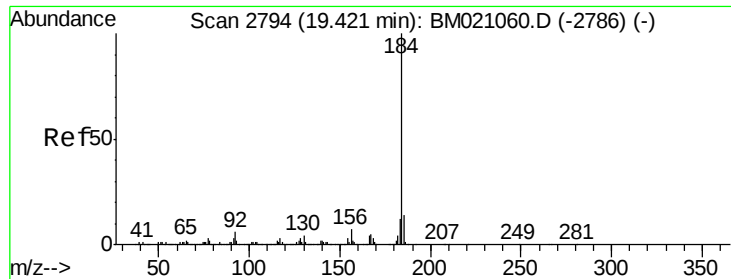


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.175 ng

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

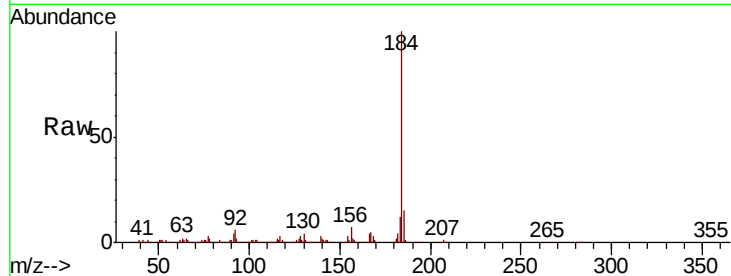
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2158146

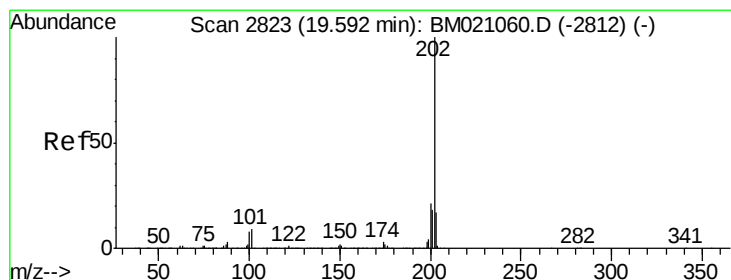
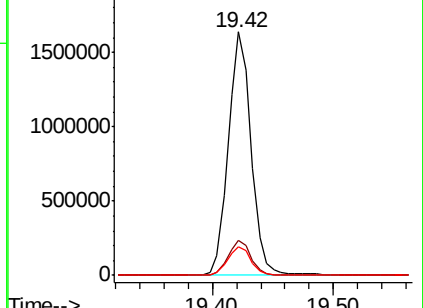
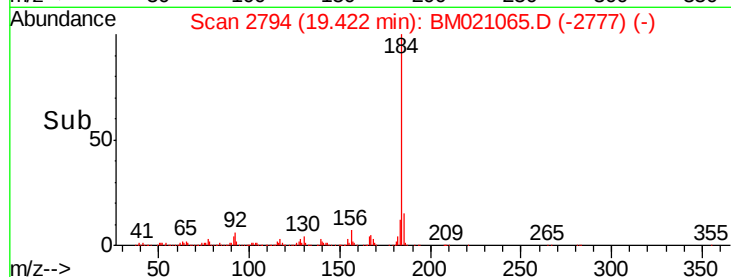
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.4	17.2
183	12.0	9.6	14.4



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: 35.878 ng

RT: 19.59 min Scan# 2823

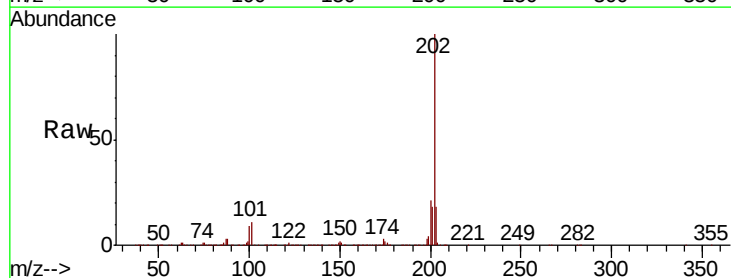
Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Tgt Ion:202 Resp: 4696658

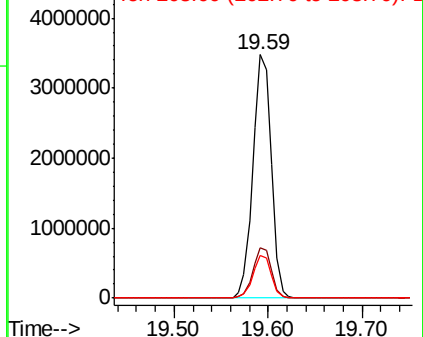
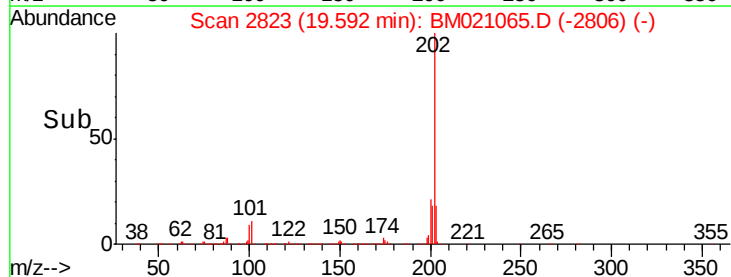
Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.7	14.0	21.0

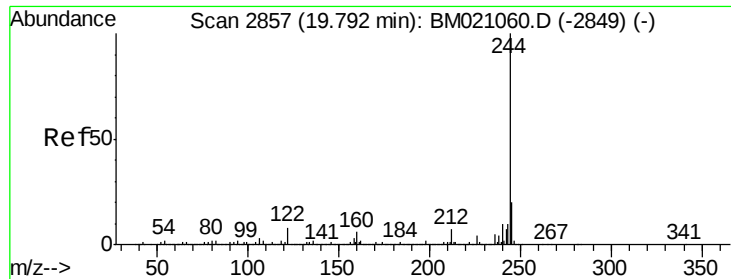


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.824 ng

RT: 19.80 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

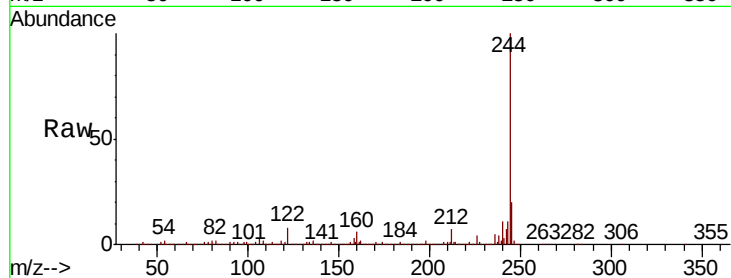
Tot Ion:244 Resp: 6747821

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

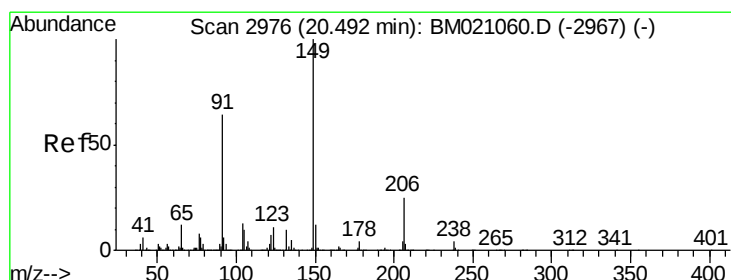
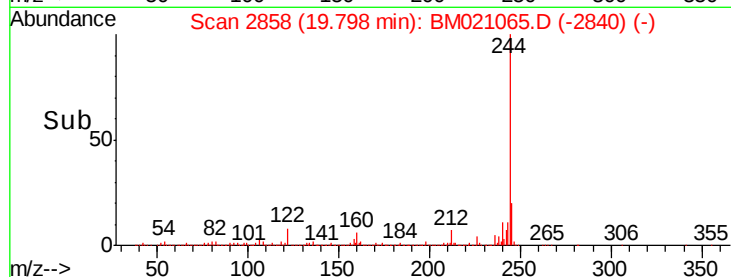
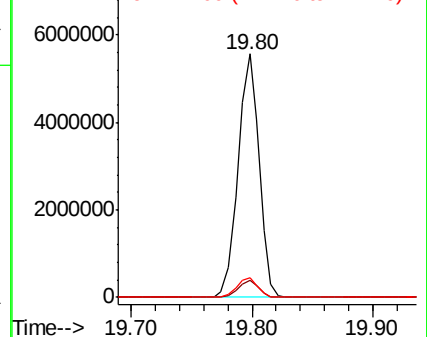
122 8.1 6.6 9.8



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: 37.176 ng

RT: 20.50 min Scan# 2977

Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

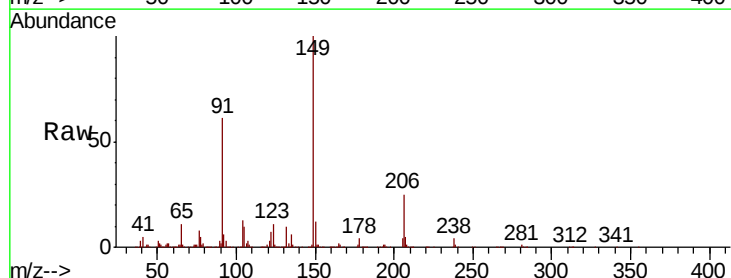
Tgt Ion:149 Resp: 1939733

Ion Ratio Lower Upper

149 100

91 60.8 50.9 76.3

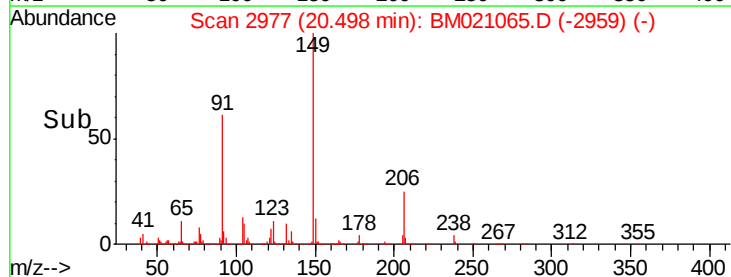
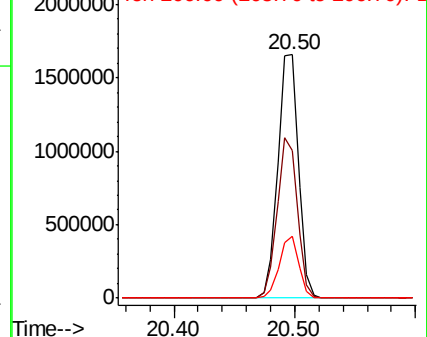
206 25.2 19.7 29.5

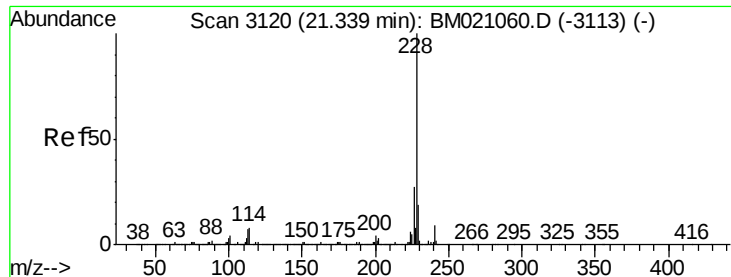


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.427 ng

RT: 21.34 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

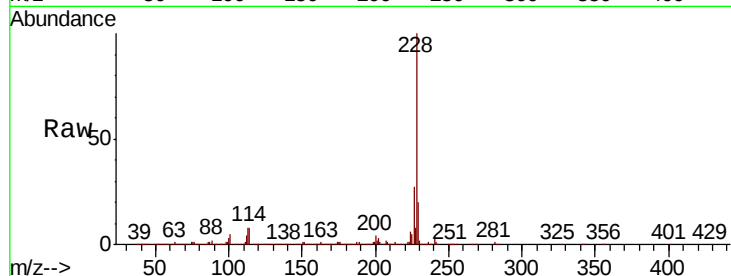
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 4851236

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.6	32.4
229	19.9	15.5	23.3

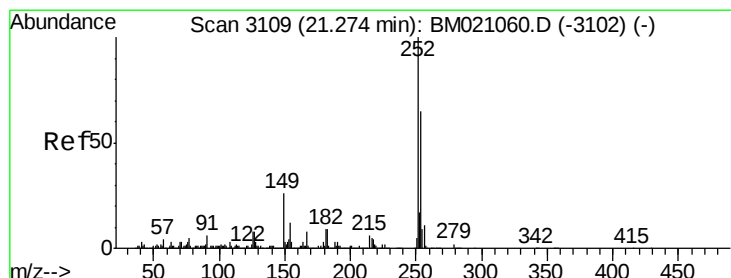
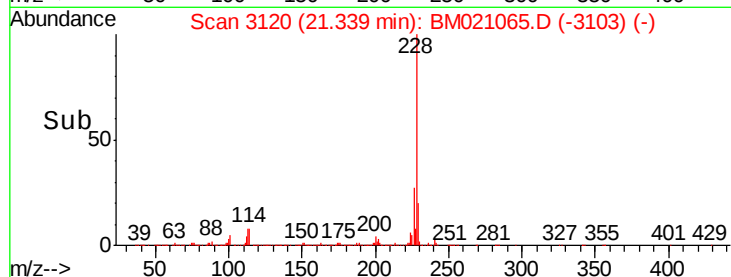
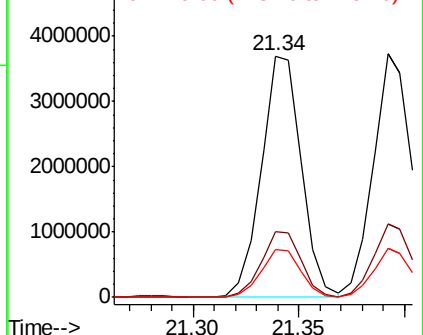


Abundance

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: 41.170 ng

RT: 21.28 min Scan# 3110

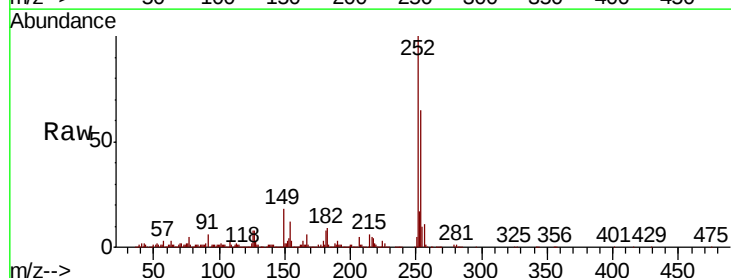
Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Tgt Ion:252 Resp: 1918692

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.7	77.5
126	8.4	6.6	9.8

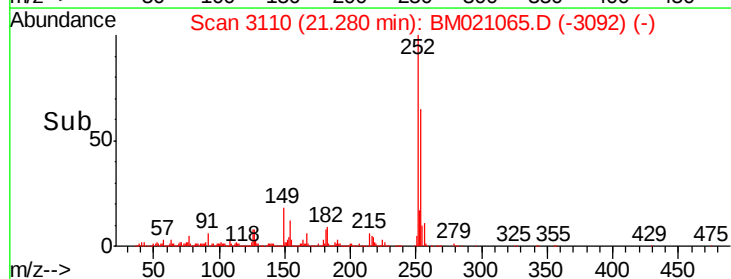
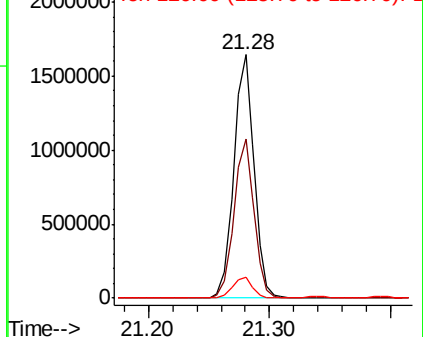


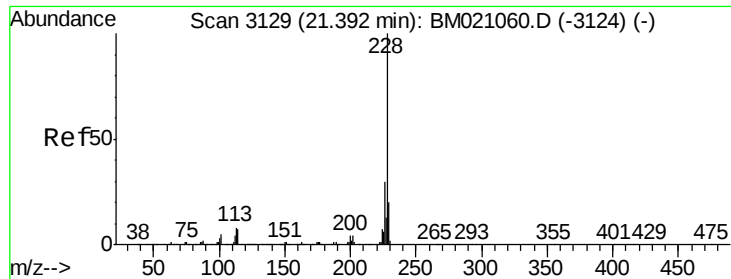
Abundance

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: 39.742 ng

RT: 21.39 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

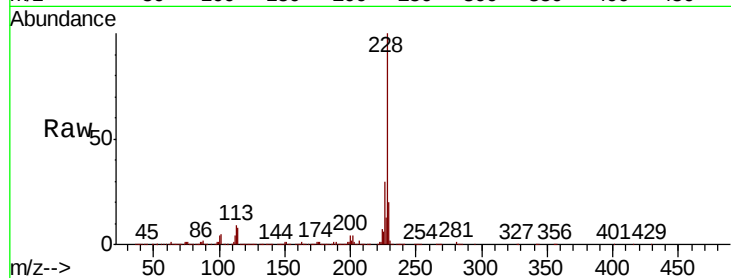
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 4658317

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.9	15.6	23.4

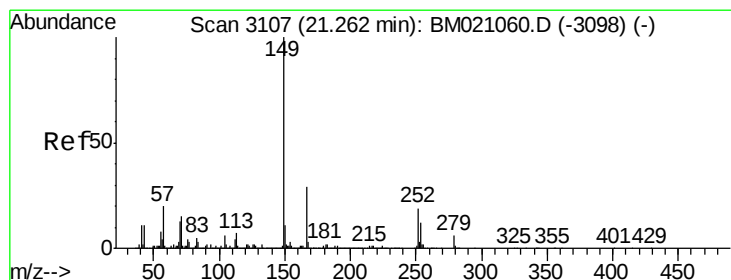
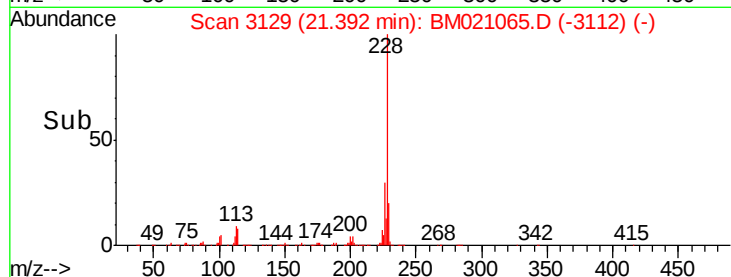
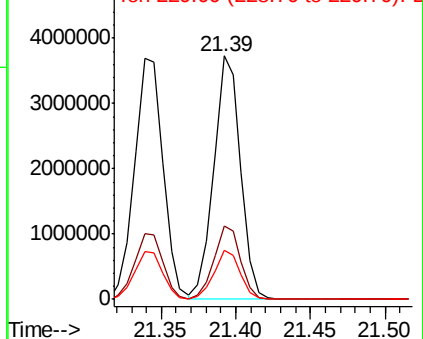


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.138 ng

RT: 21.27 min Scan# 3108

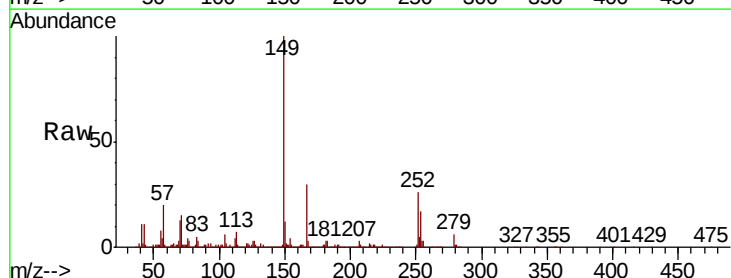
Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Tgt Ion:149 Resp: 2832180

Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.0	34.4
279	6.3	4.6	7.0

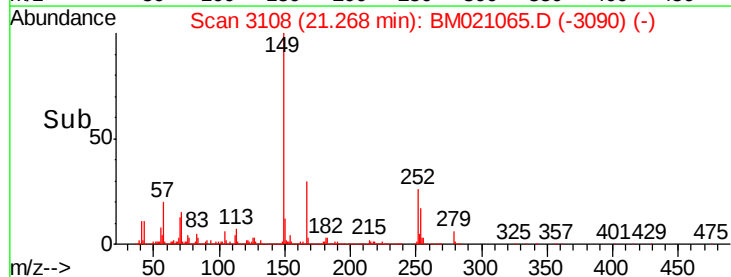
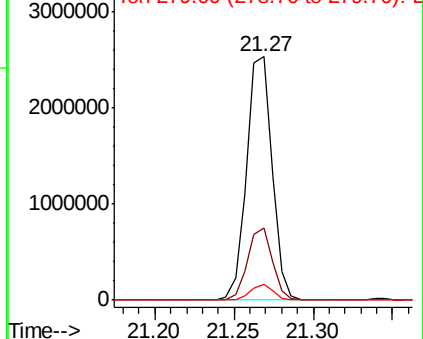


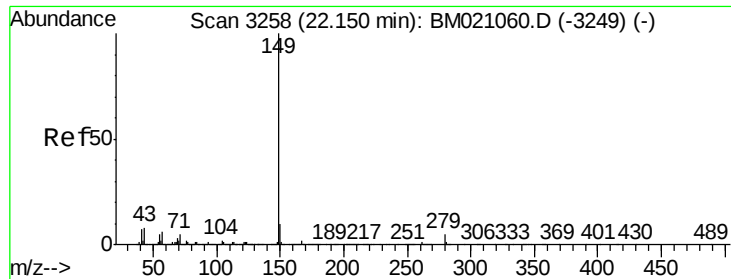
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.720 ng

RT: 22.16 min Scan# 3259

Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Instrument :

BNA_M

ClientSampleId :

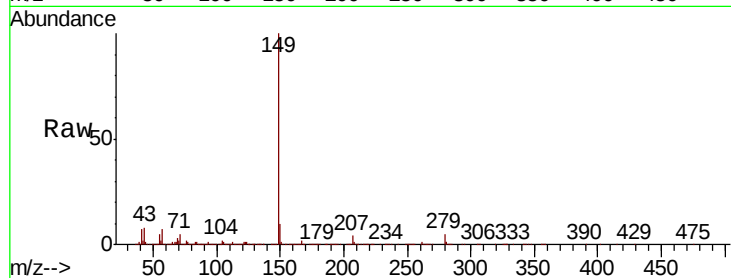
Tot Ion:149 Resp: 4872455

Ion Ratio Lower Upper

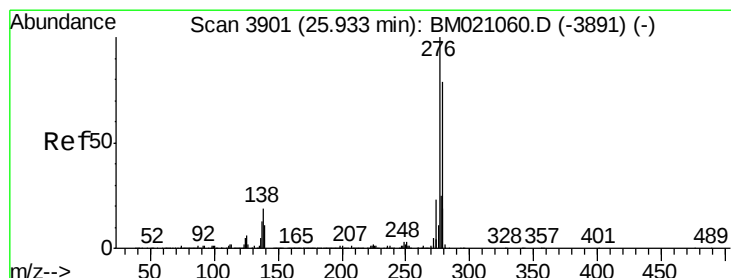
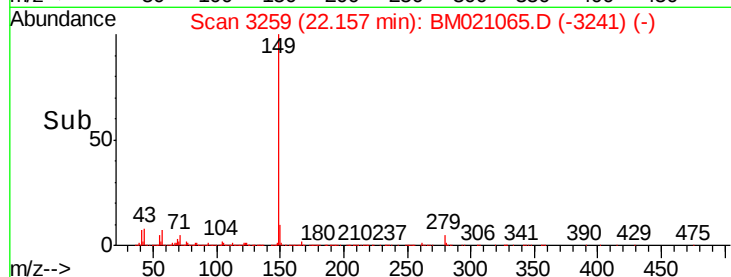
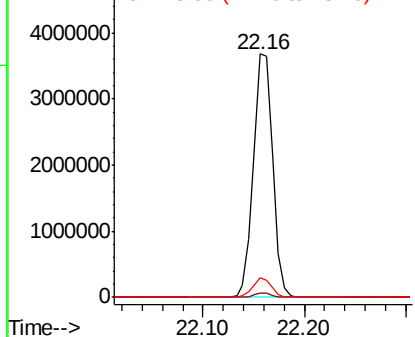
149 100

167 1.7 1.3 1.9

43 7.7 6.2 9.2



Abundance Ion 149.00 (148.70 to 149.70): E
5000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.147 ng

RT: 25.95 min Scan# 3904

Delta R.T. 0.02 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

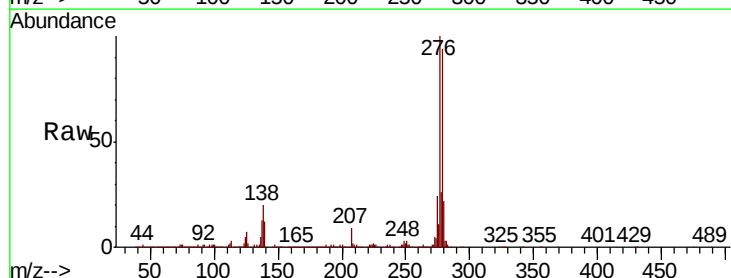
Tgt Ion:276 Resp: 5855509

Ion Ratio Lower Upper

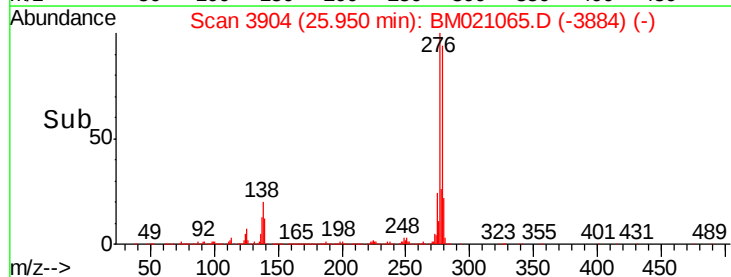
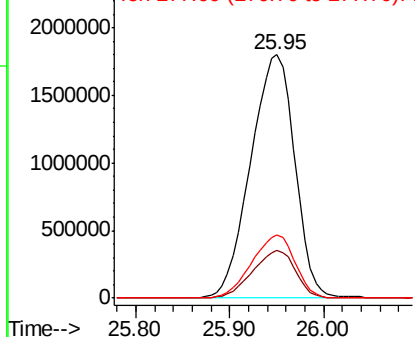
276 100

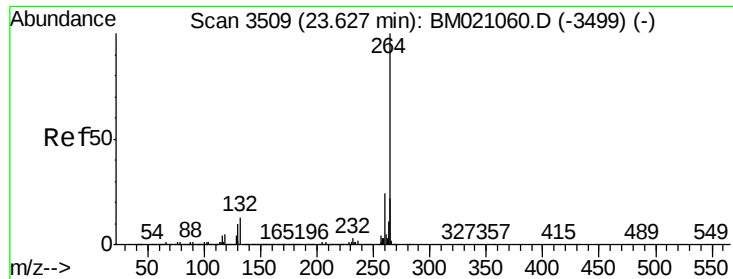
138 19.2 15.4 23.0

277 25.5 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E
2500000
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: 23.64 min Scan# 3511

Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

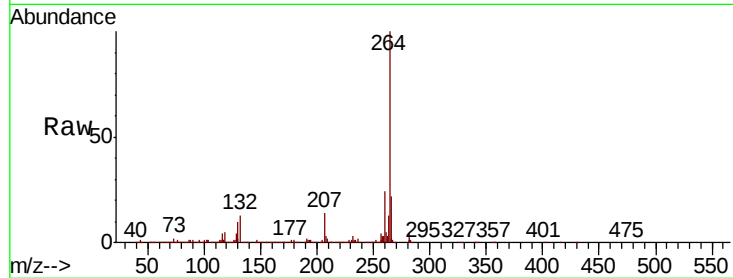
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 2058887

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	22.2	17.7	26.5

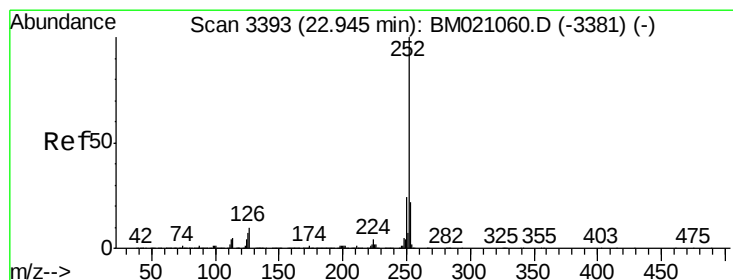
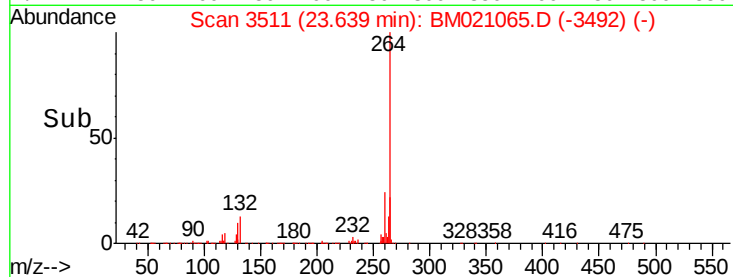
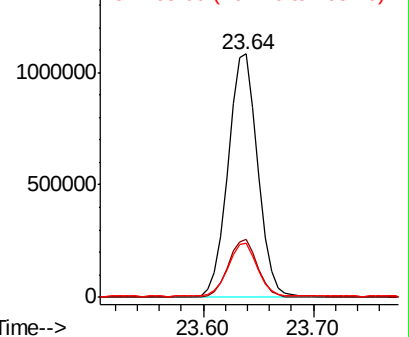


Abundance

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: 37.334 ng

RT: 22.95 min Scan# 3394

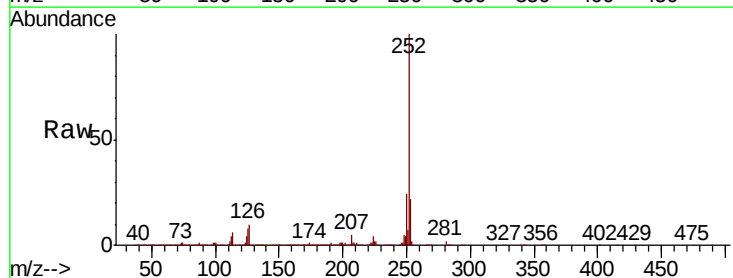
Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Tgt Ion:252 Resp: 5185633

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	7.9	5.9	8.9

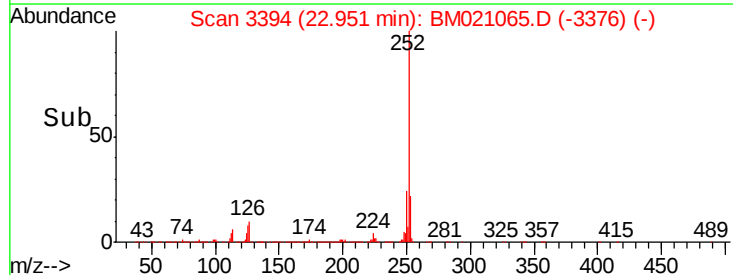
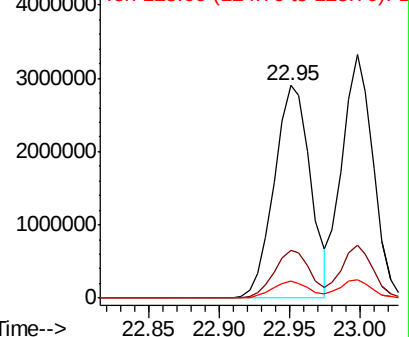


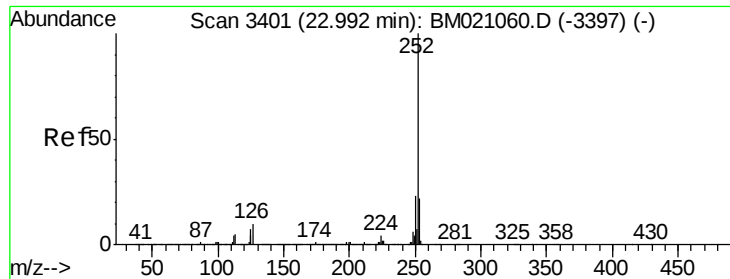
Abundance

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

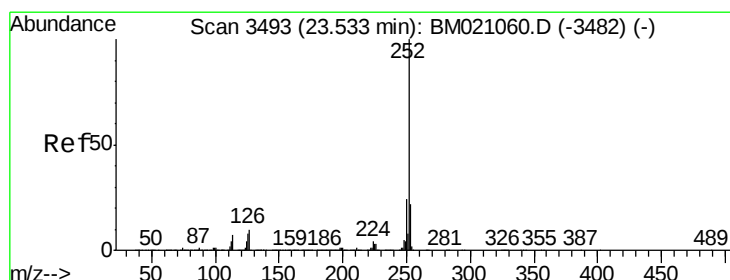
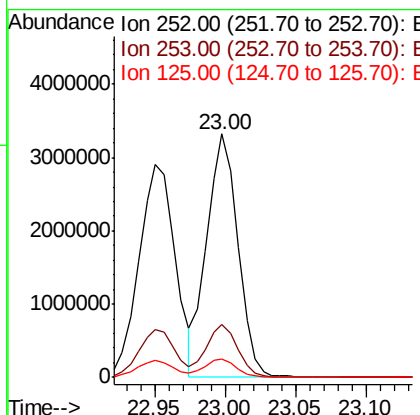
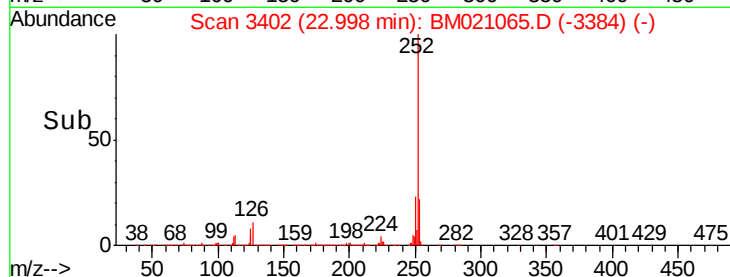
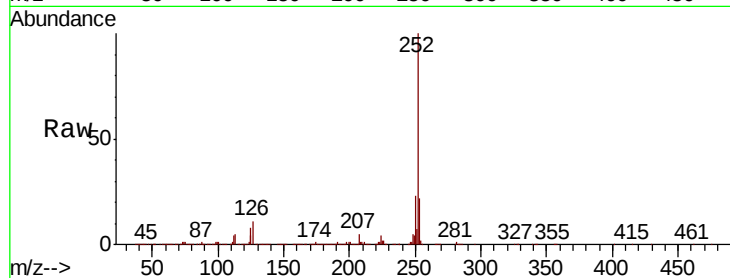




#89
Benzo(k)fluoranthene
Concen: 37.759 ng
RT: 23.00 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

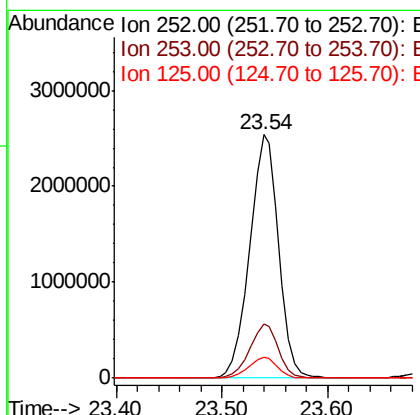
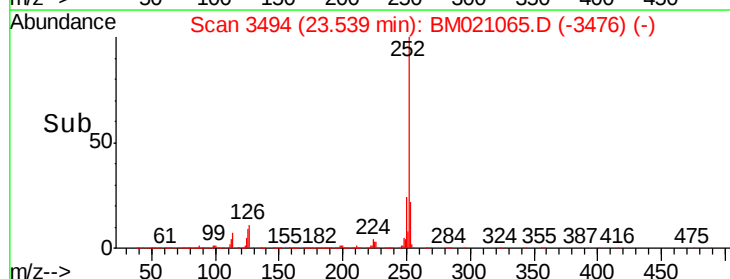
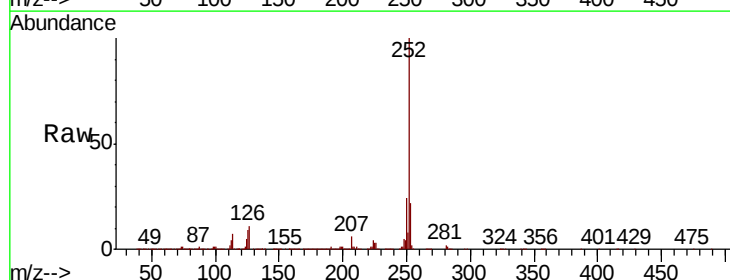
Instrument :
BNA_M
ClientSampleId :

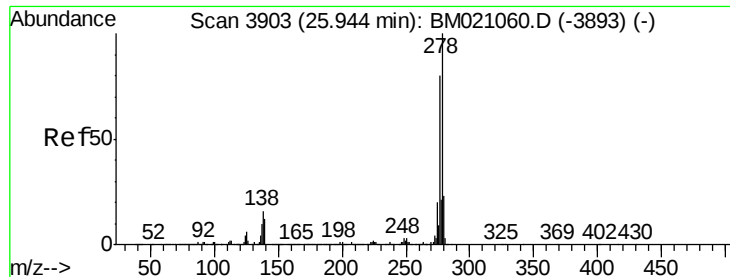
Tot Ion:252 Resp: 5069854
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.7 5.9 8.9



#90
Benzo(a)pyrene
Concen: 38.454 ng
RT: 23.54 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM021065.D
Acq: 20 Jun 2019 16:35

Tgt Ion:252 Resp: 4819474
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.6 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 39.121 ng

RT: 25.96 min Scan# 3905

Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

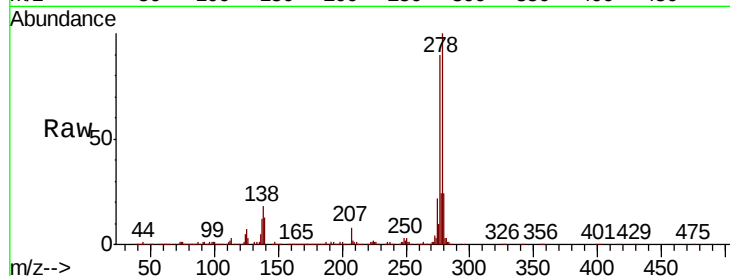
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 4888386

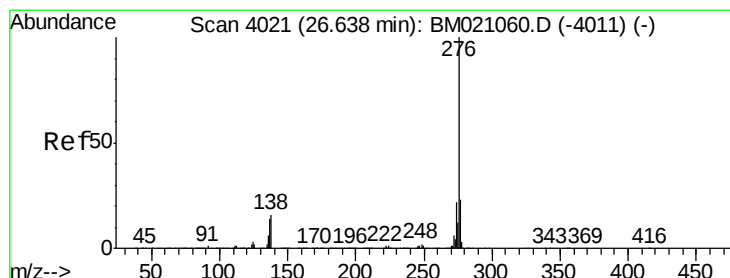
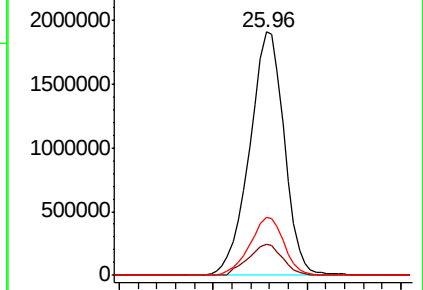
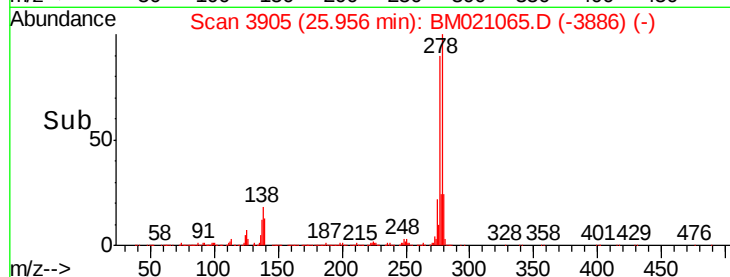
Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.8	14.8
279	23.8	18.7	28.1



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: 38.702 ng

RT: 26.65 min Scan# 4023

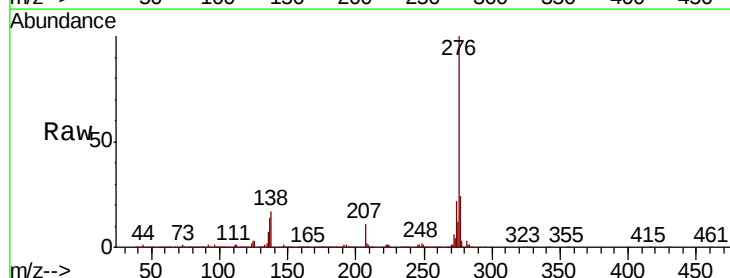
Delta R.T. 0.01 min

Lab File: BM021065.D

Acq: 20 Jun 2019 16:35

Tgt Ion:276 Resp: 4509807

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	17.0	13.1	19.7



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

