

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021064.D
 Acq On : 20 Jun 2019 13:49
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 20 14:53:04 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 12:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	309274	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1394913	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	921766	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2258339	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2482375	20.00	ng	0.01
87) Perylene-d12	23.64	264	2330930	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	3187082	181.27	ng	0.00
7) Phenol-d6	6.96	99	4892952	189.00	ng	0.01
23) Nitrobenzene-d5	8.96	82	5394274	200.36	ng	0.01
42) 2,4,6-Tribromophenol	15.93	330	3503564	306.78	ng	0.01
45) 2-Fluorobiphenyl	13.05	172	14100670	203.37	ng	0.00
79) Terphenyl-d14	19.80	244	16101401	108.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	550214	76.436	ng	99
3) Pyridine	3.72	79	1682257	73.453	ng	99
4) n-Nitrosodimethylamine	3.63	42	725385	73.473	ng	# 99
6) Aniline	7.13	93	3189081	85.136	ng	99
8) 2-Chlorophenol	7.35	128	2044905	93.492	ng	100
9) Benzaldehyde	6.93	77	930953	63.521	ng	99
10) Phenol	6.99	94	2500757	89.636	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	1991985	89.592	ng	98
12) 1,3-Dichlorobenzene	7.67	146	2415977	96.110	ng	99
13) 1,4-Dichlorobenzene	7.82	146	2465854	96.492	ng	100
14) 1,2-Dichlorobenzene	8.13	146	2432974	97.830	ng	99
15) Benzyl Alcohol	8.03	79	2019191	88.164	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.32	45	2451329	71.411	ng	100
17) 2-Methylphenol	8.23	107	1795199	91.507	ng	99
18) Hexachloroethane	8.85	117	886691	90.626	ng	99
19) n-Nitroso-di-n-propylamine	8.61	70	1721963	82.746	ng	99
20) 3+4-Methylphenols	8.57	107	2489147	93.256	ng	98
22) Acetophenone	8.62	105	3369311	95.082	ng	# 99
24) Nitrobenzene	9.00	77	2513765	91.461	ng	98
25) Isophorone	9.52	82	4808201	89.782	ng	100
26) 2-Nitrophenol	9.70	139	1321637	129.024	ng	99
27) 2,4-Dimethylphenol	9.76	122	1792010	93.362	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	2903109	89.656	ng	99
29) 2,4-Dichlorophenol	10.23	162	2415363	113.738	ng	98
30) 1,2,4-Trichlorobenzene	10.43	180	2781022	113.890	ng	98
31) Naphthalene	10.63	128	6966922	97.125	ng	100
33) 4-Chloroaniline	10.75	127	3248579	97.312	ng	99
34) Hexachlorobutadiene	10.89	225	1763785	120.383	ng	99
35) Caprolactam	11.62	113	604516	81.941	ng	96
36) 4-Chloro-3-methylphenol	11.87	107	2436919	98.699	ng	99
37) 2-Methylnaphthalene	12.24	142	5383428	101.252	ng	99
38) 1-Methylnaphthalene	12.46	142	5137432	101.477	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	3348163	110.840	ng	99
41) Hexachlorocyclopentadiene	12.57	237	1876468	103.867	ng	99

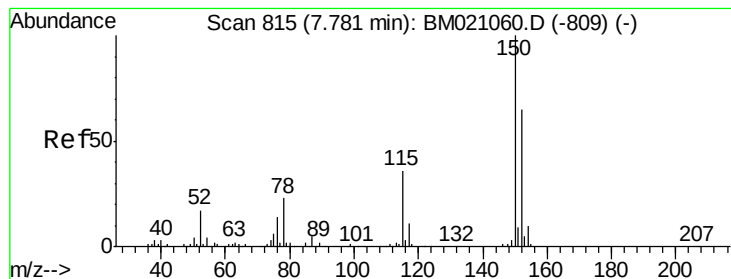
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021064.D
 Acq On : 20 Jun 2019 13:49
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 12:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.86	196	2254938	115.972	ng	99
44) 2,4,5-Trichlorophenol	12.93	196	2329941	116.070	ng	98
46) 1,1'-Biphenyl	13.26	154	7287860	94.669	ng	99
47) 2-Chloronaphthalene	13.30	162	6010374	96.735	ng	99
48) 2-Nitroaniline	13.52	65	1745053	89.485	ng	98
49) Acenaphthylene	14.15	152	9110653	93.977	ng	99
50) Dimethylphthalate	13.90	163	7727985	98.132	ng	99
51) 2,6-Dinitrotoluene	14.02	165	1748451	109.344	ng	97
52) Acenaphthene	14.49	154	5527109	95.670	ng	99
53) 3-Nitroaniline	14.36	138	1840251	103.107	ng	95
54) 2,4-Dinitrophenol	14.56	184	1204545	213.272	ng	93
55) Dibenzofuran	14.83	168	9038770	100.734	ng	99
56) 4-Nitrophenol	14.67	139	1439985	109.485	ng	98
57) 2,4-Dinitrotoluene	14.82	165	2486630	116.141	ng	98
58) Fluorene	15.48	166	7429856	100.690	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	2219683	126.899	ng	99
60) Diethylphthalate	15.26	149	7668388	94.415	ng	97
61) 4-Chlorophenyl-phenylether	15.47	204	4276491	109.458	ng	96
62) 4-Nitroaniline	15.53	138	1917011	101.274	ng	99
63) Azobenzene	15.77	77	6205633	79.696	ng	98
65) 4,6-Dinitro-2-methylphenol	15.57	198	1530950	164.045	ng	95
66) n-Nitrosodiphenylamine	15.70	169	6596157	91.240	ng	100
67) 4-Bromophenyl-phenylether	16.37	248	2908252	109.375	ng	97
68) Hexachlorobenzene	16.47	284	3436816	110.690	ng	98
69) Atrazine	16.65	200	1639311	75.976	ng	98
70) Pentachlorophenol	16.82	266	1977703	133.518	ng	99
71) Phenanthrene	17.22	178	12054228	94.166	ng	97
72) Anthracene	17.31	178	11985548	93.548	ng	97
73) Carbazole	17.59	167	11026126	94.835	ng	98
74) Di-n-butylphthalate	18.14	149	12553479	83.175	ng	# 93
75) Fluoranthene	19.23	202	13576272	95.368	ng	86
77) Benzidine	19.43	184	4591897	61.048	ng	100
78) Pyrene	19.60	202	13903867	72.988	ng	# 85
80) Butylbenzylphthalate	20.50	149	6642861	82.517	ng	97
81) Benzo(a)anthracene	21.34	228	14168215	81.959	ng	# 81
82) 3,3'-Dichlorobenzidine	21.29	252	5633748	88.997	ng	99
83) Chrysene	21.40	228	13060250	79.479	ng	# 91
84) Bis(2-ethylhexyl)phthalate	21.27	149	9424408	80.550	ng	# 94
85) Di-n-octyl phthalate	22.16	149	13530212	72.839	ng	# 97
86) Indeno(1,2,3-cd)pyrene	25.97	276	15580140	92.678	ng	100
88) Benzo(b)fluoranthene	22.96	252	15407630	100.009	ng	97
89) Benzo(k)fluoranthene	23.01	252	14853571	98.658	ng	95
90) Benzo(a)pyrene	23.55	252	14067889	100.672	ng	98
91) Dibenzo(a,h)anthracene	25.98	278	12969305	95.663	ng	98
92) Benzo(g,h,i)perylene	26.67	276	11965744	95.022	ng	99

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

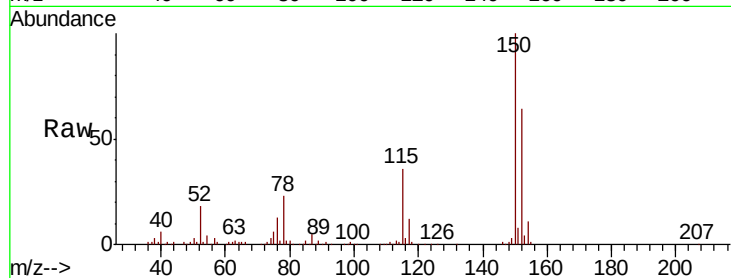


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.1	184.7
115	57.3	44.2	66.4

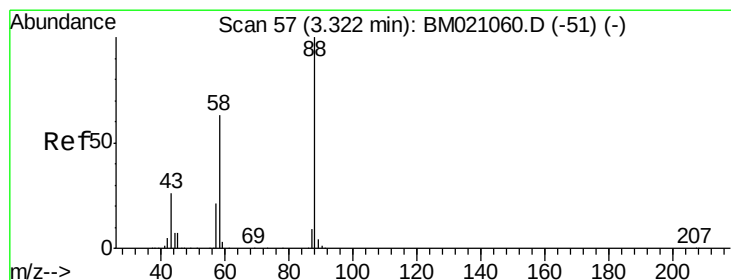
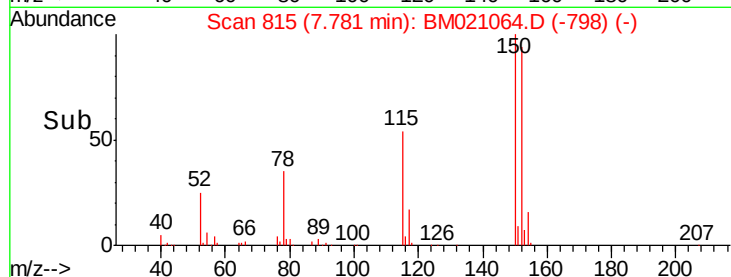
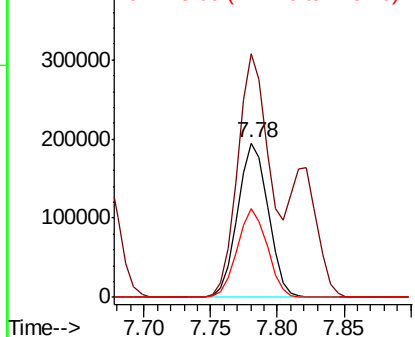


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

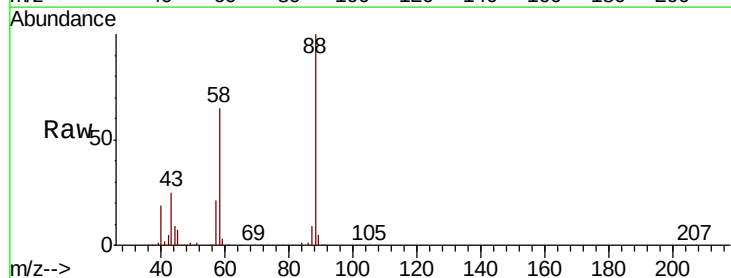
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 76.436 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.7	51.9	77.9
43	25.7	21.4	32.2

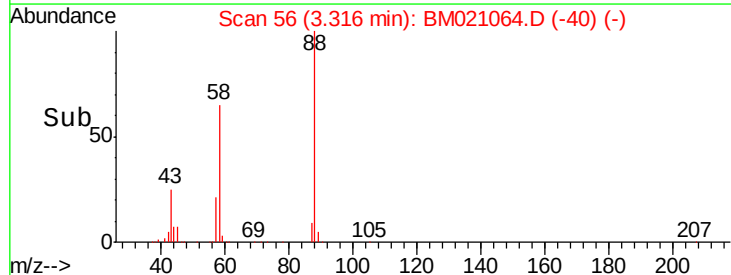
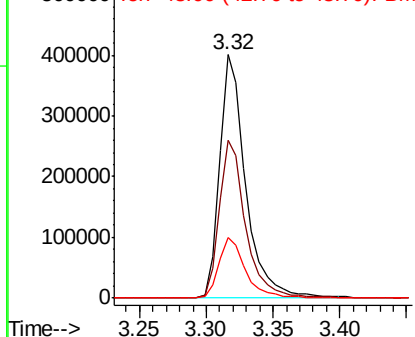


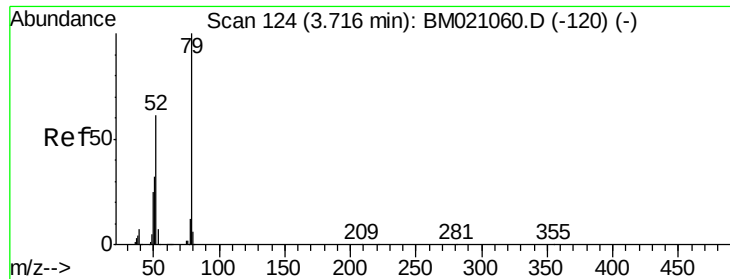
Abundance

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



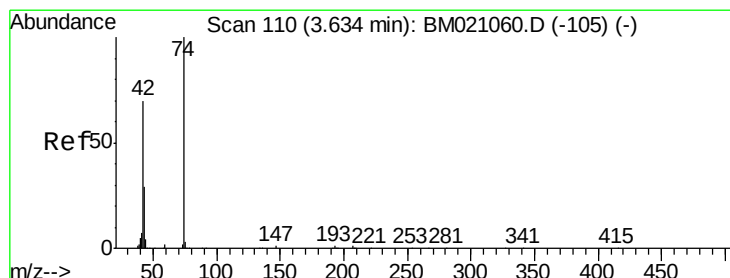
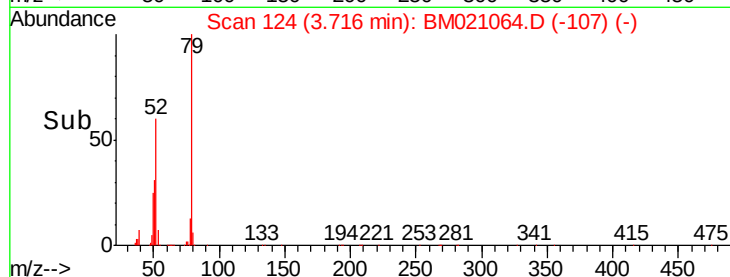
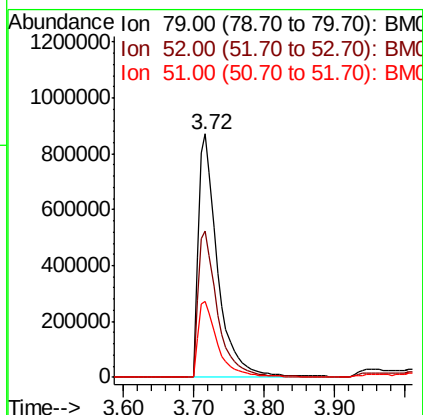
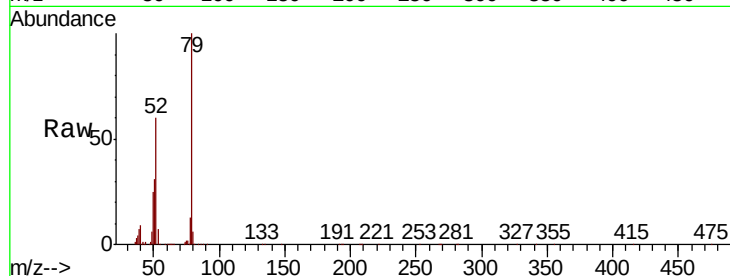


#3
 Pvridine
 Concen: 73.453 ng
 RT: 3.72 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 79 Resp: 1682257

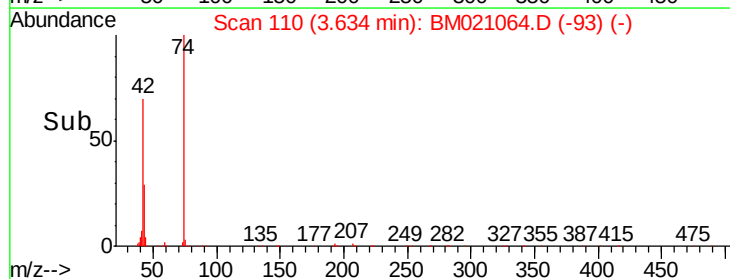
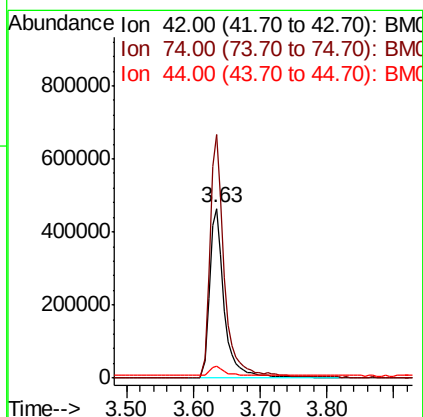
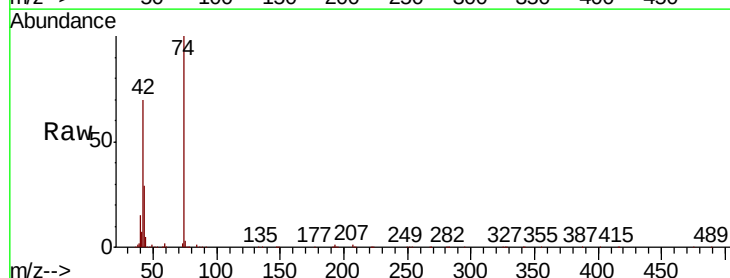
Ion	Ratio	Lower	Upper
79	100		
52	60.3	48.8	73.2
51	31.4	25.7	38.5

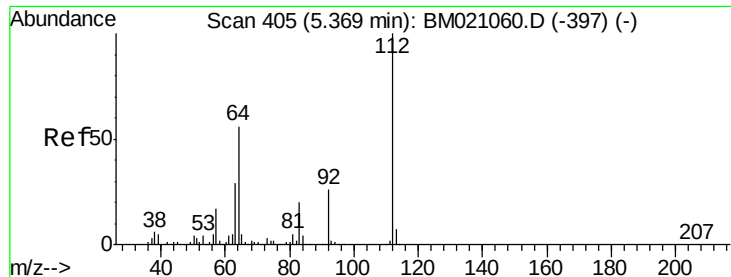


#4
 n-Nitrosodimethylamine
 Concen: 73.473 ng
 RT: 3.63 min Scan# 110
 Delta R.T. -0.00 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Tgt Ion: 42 Resp: 725385

Ion	Ratio	Lower	Upper
42	100		
74	143.4	113.8	170.6
44	7.2	8.2	12.2





#5

2-Fluorophenol

Concen: 181.272 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampled :

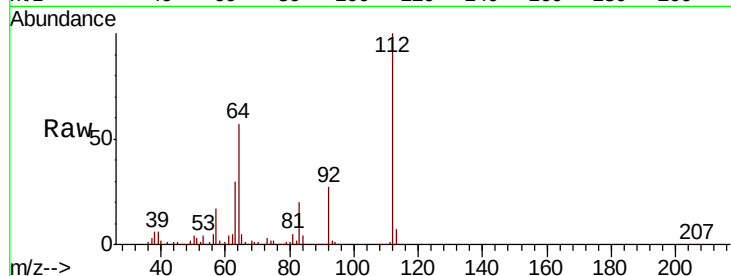
Tot Ion:112 Resp: 3187082

Ion Ratio Lower Upper

112 100

64 57.3 45.2 67.8

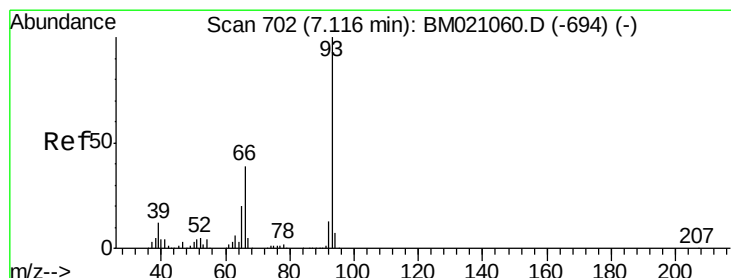
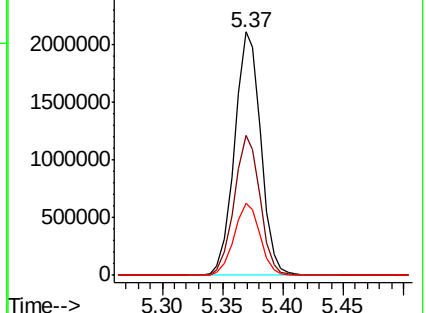
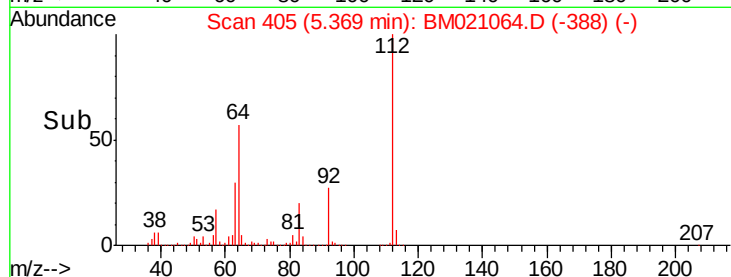
63 29.7 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 85.136 ng

RT: 7.13 min Scan# 704

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

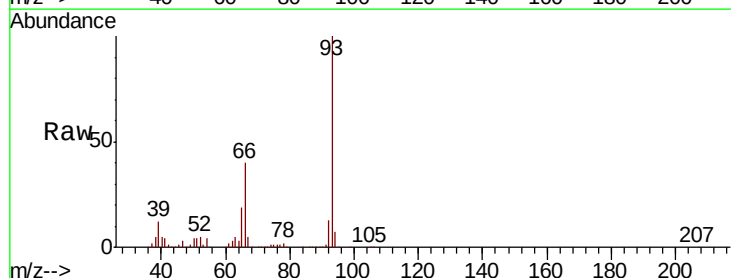
Tgt Ion: 93 Resp: 3189081

Ion Ratio Lower Upper

93 100

66 39.6 31.3 46.9

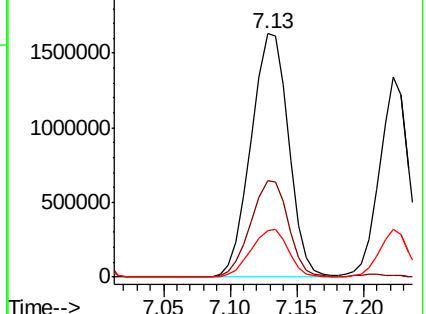
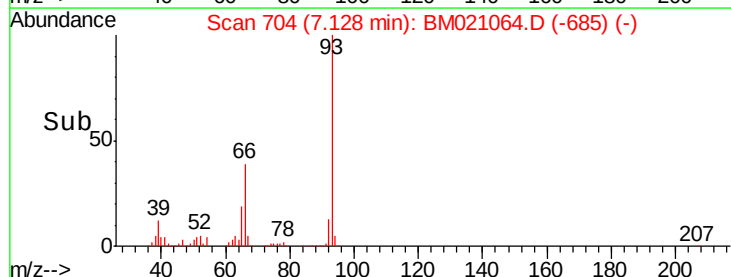
65 19.3 15.9 23.9

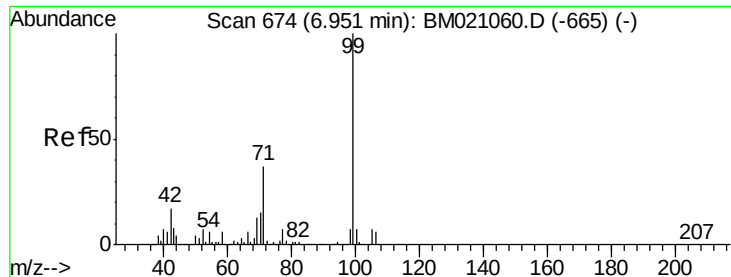


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 189.001 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampled :

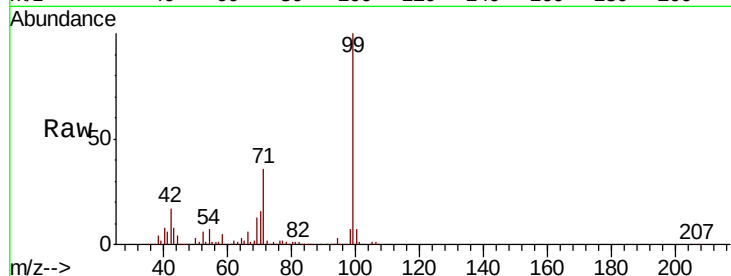
Tot Ion: 99 Resp: 4892952

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

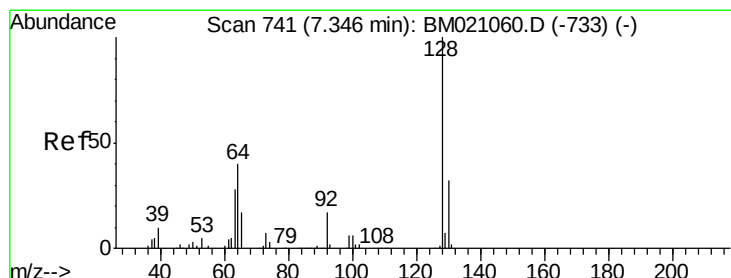
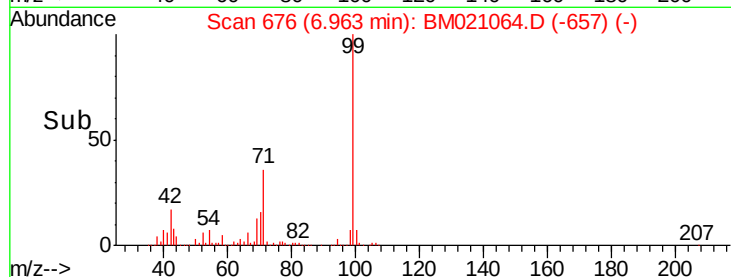
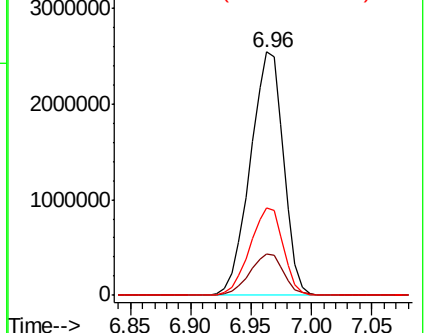
71 36.1 29.3 43.9



Abundance Ion 99.00 (98.70 to 99.70): BM021064.D (-665) (-)

Ion 42.00 (41.70 to 42.70): BM021064.D (-665) (-)

Ion 71.00 (70.70 to 71.70): BM021064.D (-665) (-)



#8

2-Chlorophenol

Concen: 93.492 ng

RT: 7.35 min Scan# 742

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

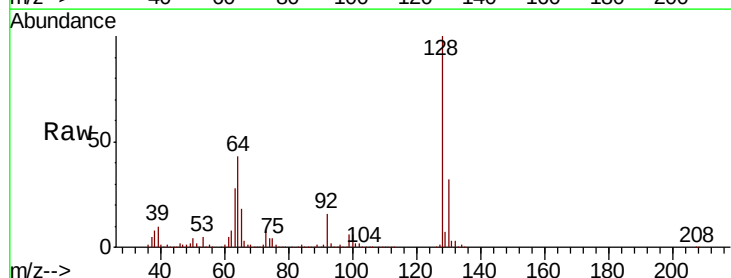
Tgt Ion:128 Resp: 2044905

Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

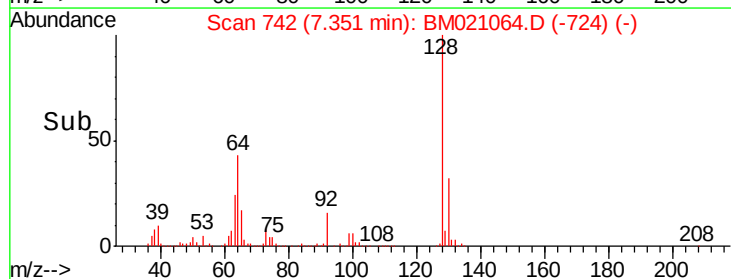
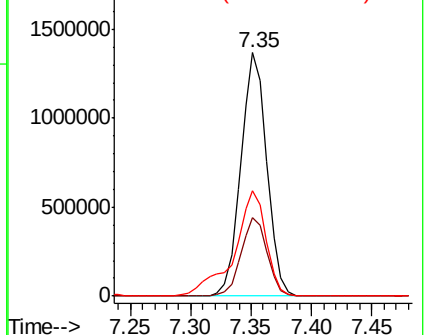
64 43.3 23.2 63.2

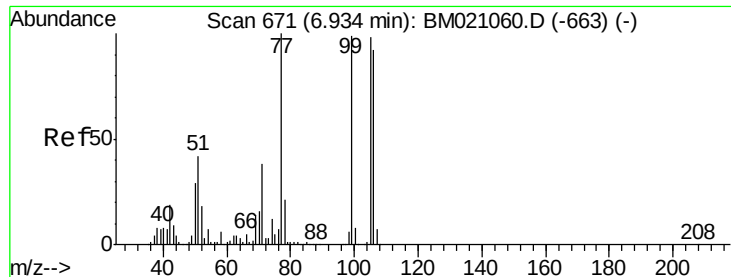


Abundance Ion 128.00 (127.70 to 128.70): BM021064.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM021064.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM021064.D (-733) (-)





#9

Benzaldehyde

Concen: 63.521 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampleId :

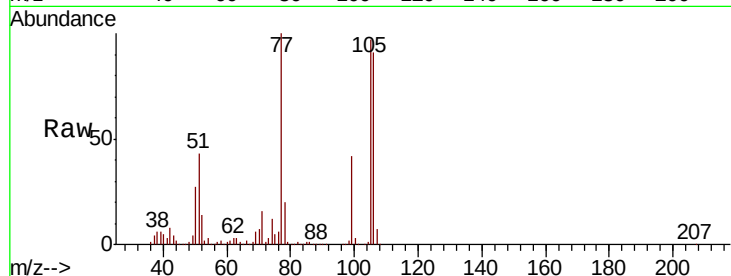
Tot Ion: 77 Resp: 930953

Ion Ratio Lower Upper

77 100

105 97.2 77.8 117.8

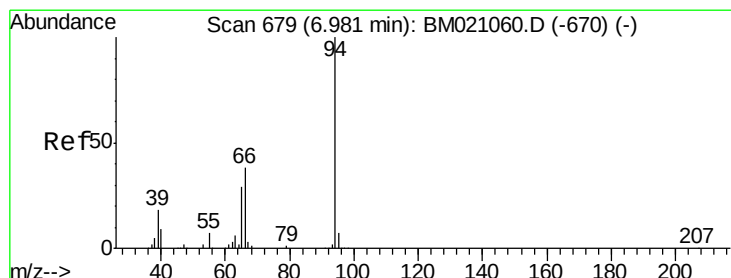
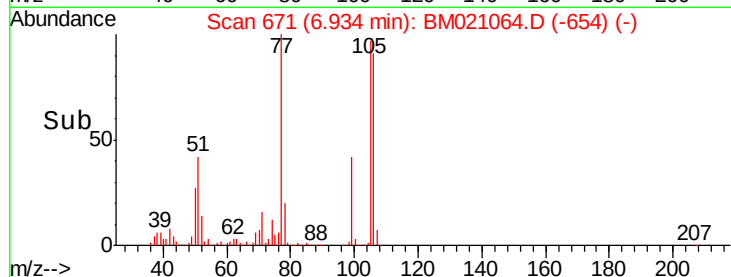
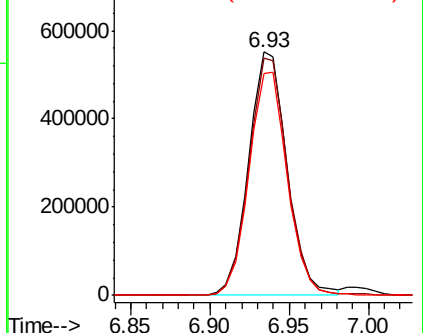
106 91.1 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM021060.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BM021060.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BM021060.D (-663) (-)



#10

Phenol

Concen: 89.636 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

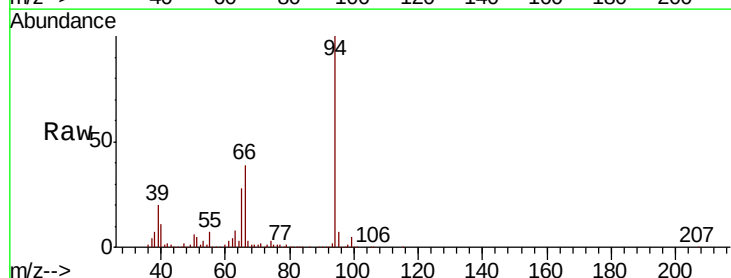
Tgt Ion: 94 Resp: 2500757

Ion Ratio Lower Upper

94 100

65 28.4 8.7 48.7

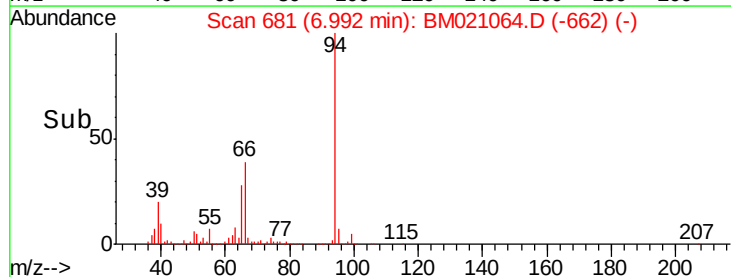
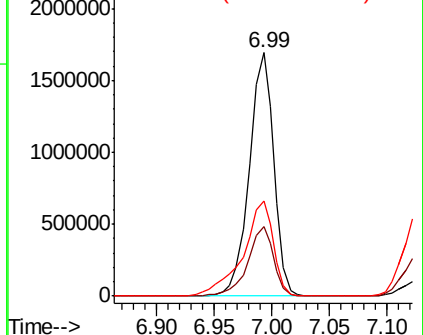
66 39.2 19.0 59.0

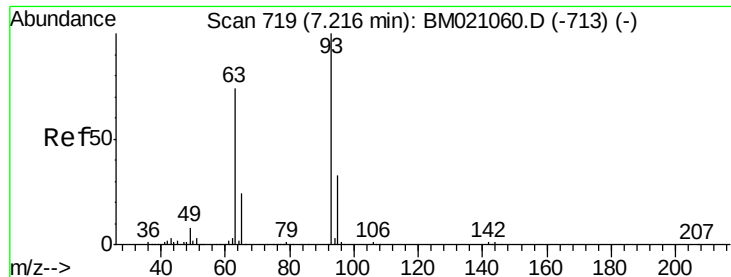


Abundance Ion 94.00 (93.70 to 94.70): BM021060.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM021060.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM021060.D (-670) (-)

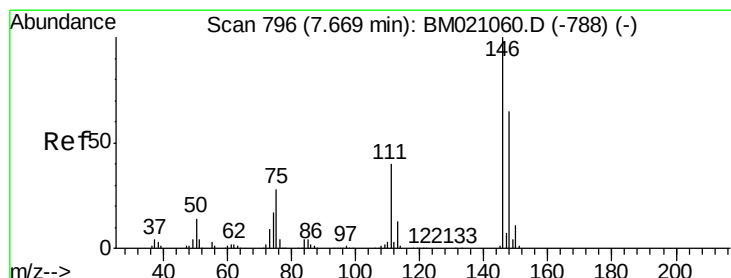
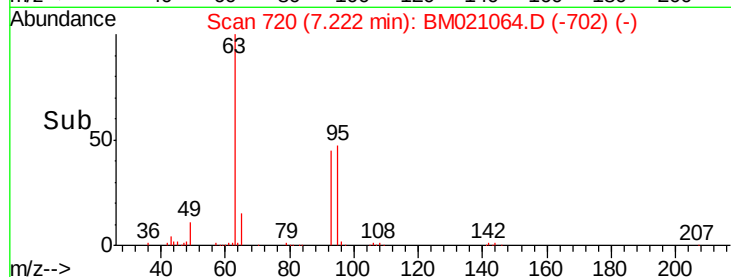
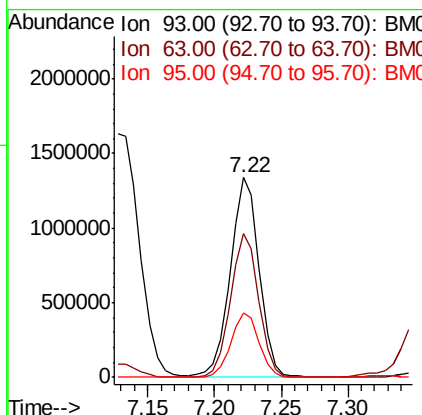
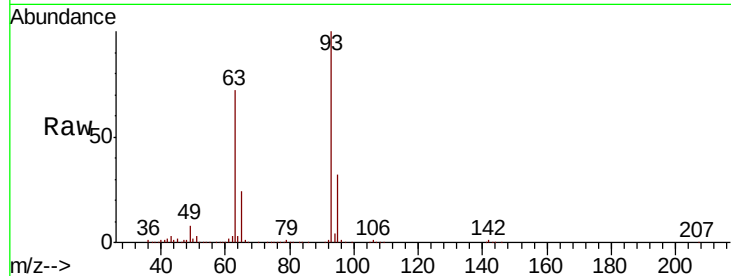




#11
bis(2-Chloroethyl)ether
Concen: 89.592 ng
RT: 7.22 min Scan# 720
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

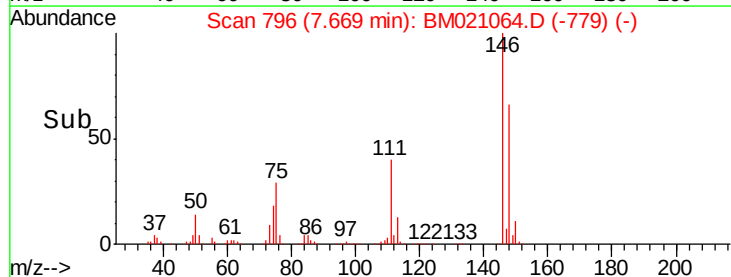
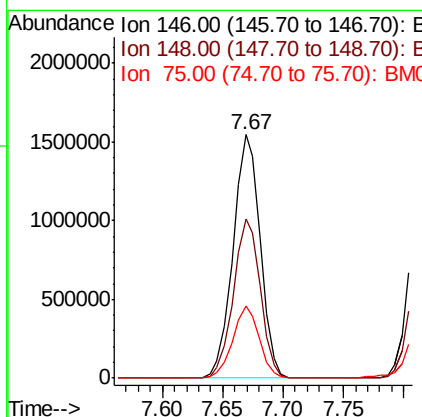
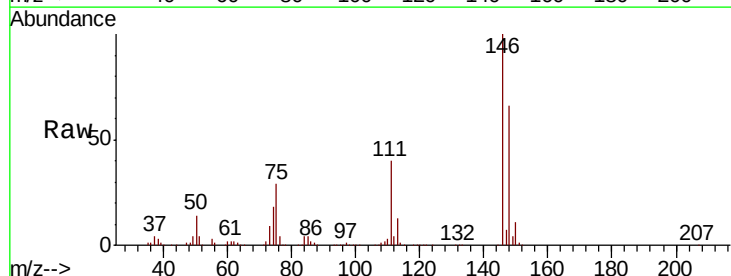
Instrument :
BNA_M
ClientSampleId :

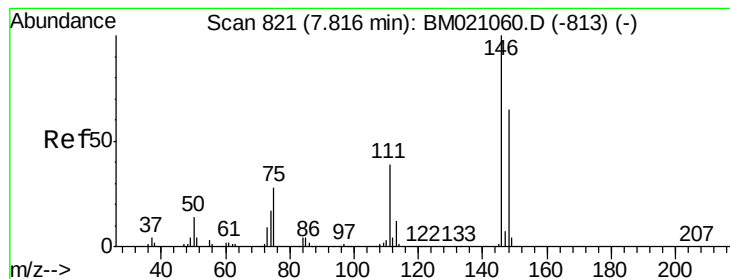
Tot Ion: 93 Resp: 1991985
Ion Ratio Lower Upper
93 100
63 72.1 53.4 93.4
95 32.2 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 96.110 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.00 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion: 146 Resp: 2415977
Ion Ratio Lower Upper
146 100
148 65.6 52.2 78.2
75 29.4 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 96.492 ng

RT: 7.82 min Scan# 821

Delta R.T. -0.00 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampleId :

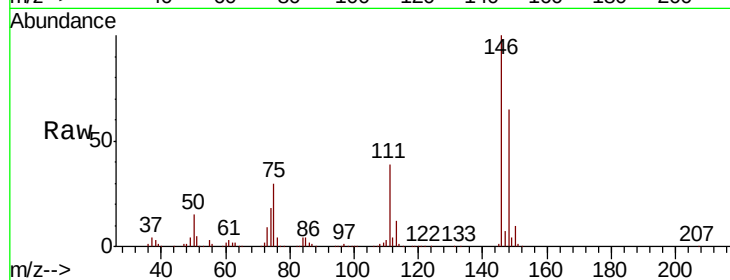
Tot Ion:146 Resp: 2465854

Ion Ratio Lower Upper

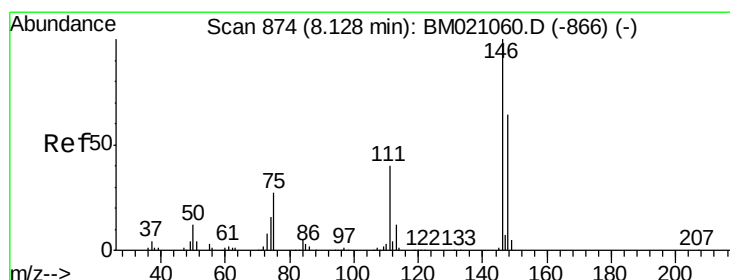
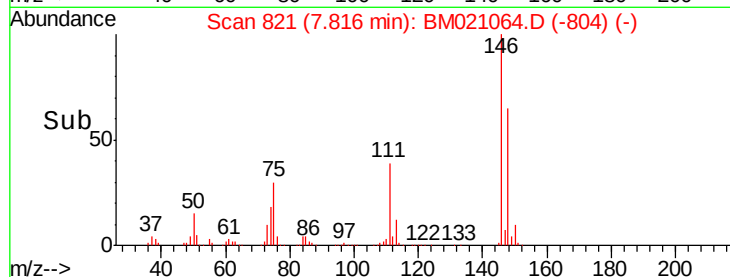
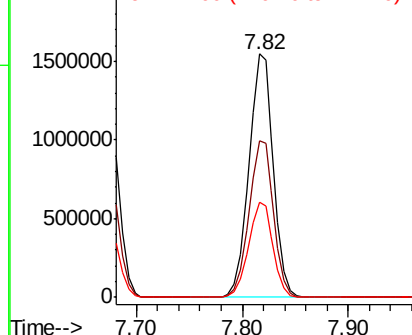
146 100

148 64.5 51.9 77.9

111 39.0 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: 97.830 ng

RT: 8.13 min Scan# 875

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

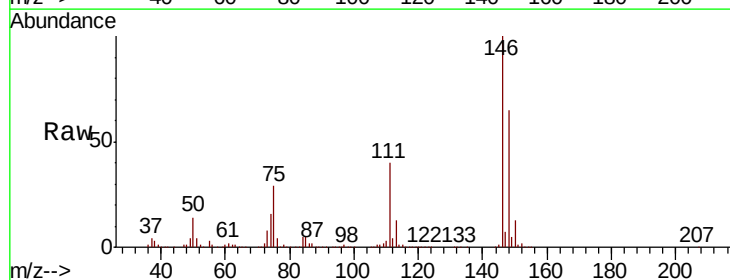
Tgt Ion:146 Resp: 2432974

Ion Ratio Lower Upper

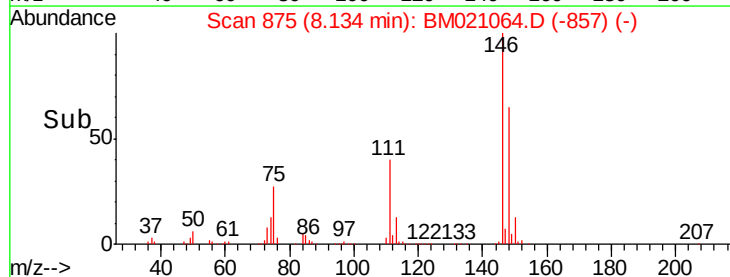
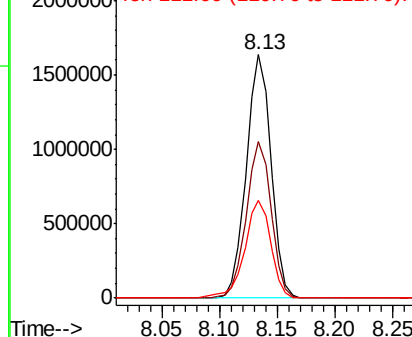
146 100

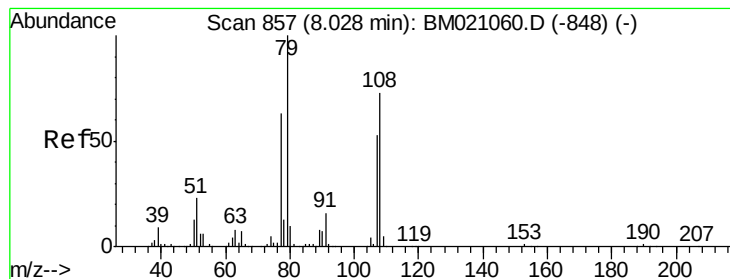
148 64.6 51.2 76.8

111 40.0 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: 88.164 ng

RT: 8.03 min Scan# 858

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

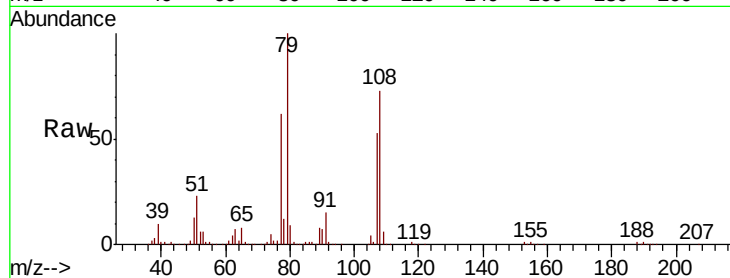
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 79 Resp: 2019191

Ion	Ratio	Lower	Upper
79	100		
108	73.0	58.4	87.6
77	62.0	50.1	75.1

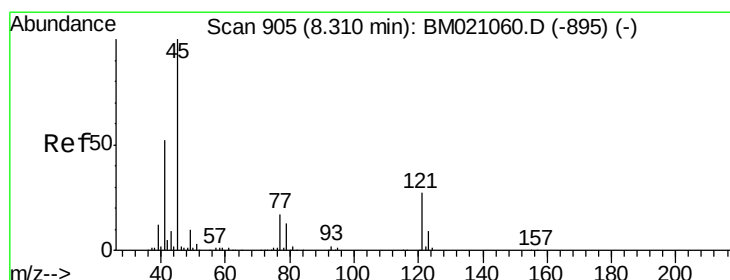
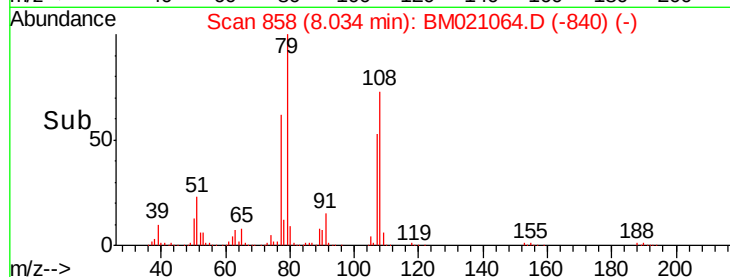
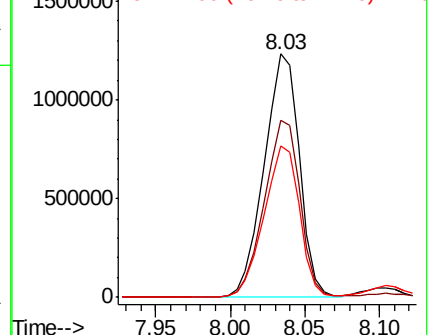


Abundance

Ion 79.00 (78.70 to 79.70): BM021064.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM021064.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM021064.D (-848) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 71.411 ng

RT: 8.32 min Scan# 906

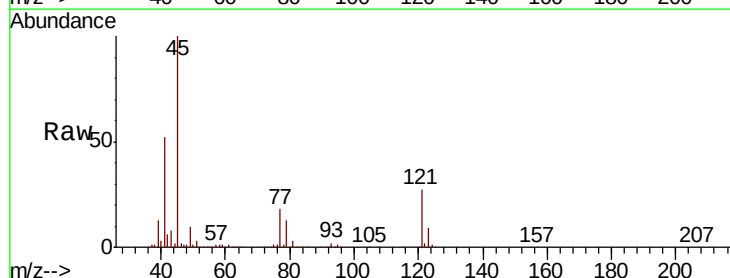
Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Tgt Ion: 45 Resp: 2451329

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	37.5
79	13.5	0.0	33.5

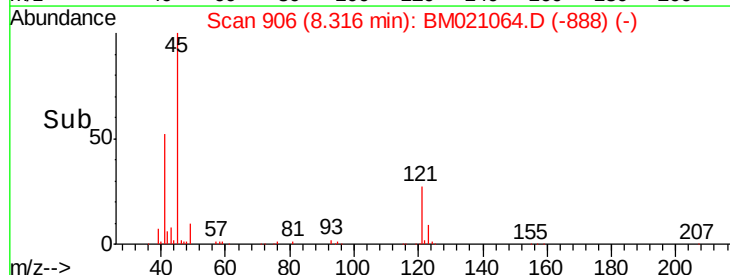
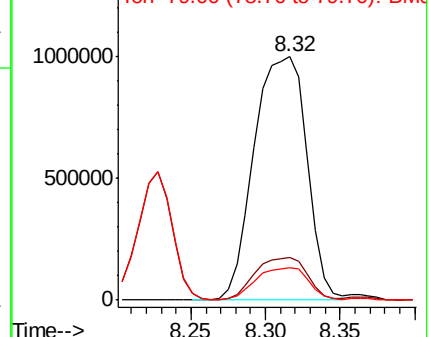


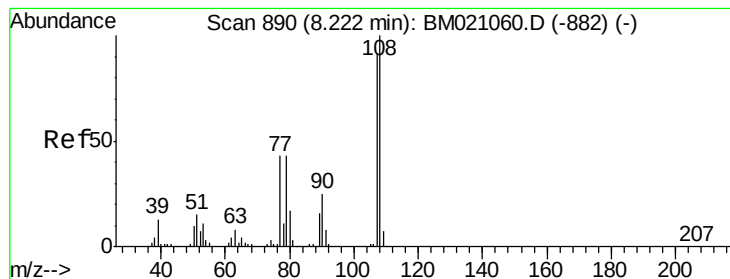
Abundance

Ion 45.00 (44.70 to 45.70): BM021064.D (-888) (-)

Ion 77.00 (76.70 to 77.70): BM021064.D (-888) (-)

Ion 79.00 (78.70 to 79.70): BM021064.D (-888) (-)

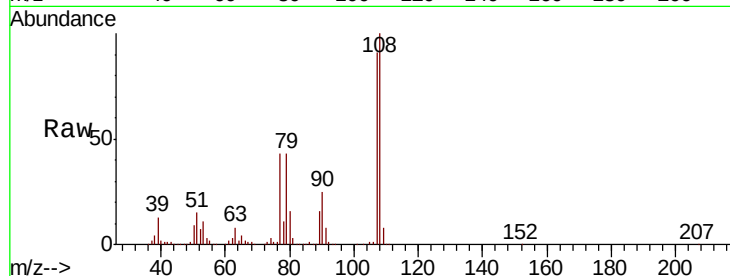




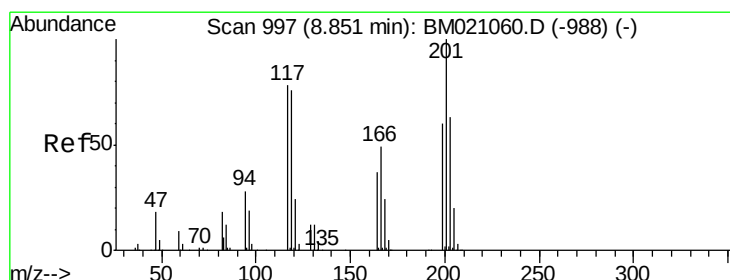
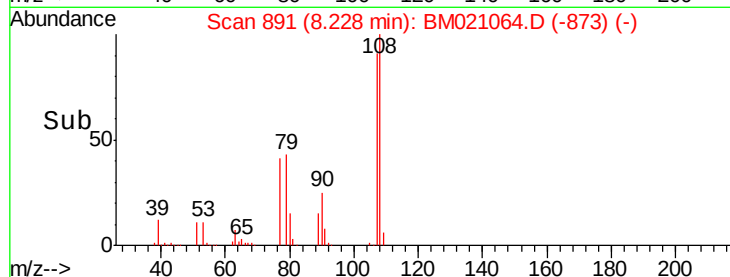
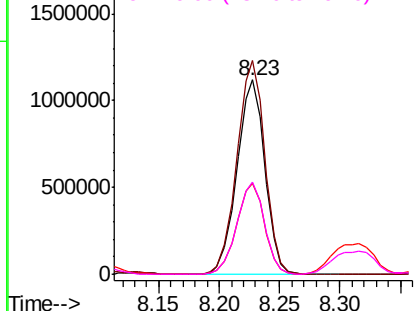
#17
2-Methylphenol
Concen: 91.507 ng
RT: 8.23 min Scan# 891
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 1795199
Ion Ratio Lower Upper
107 100
108 110.0 87.5 131.3
77 47.1 37.8 56.8
79 47.4 37.5 56.3

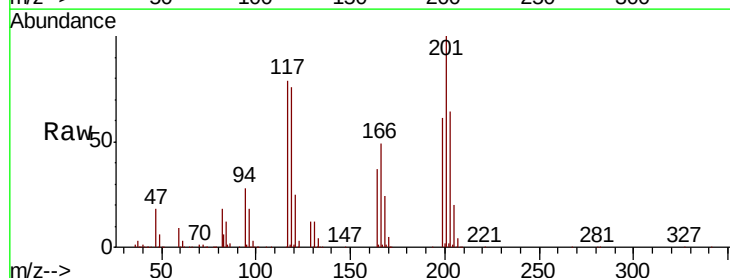


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

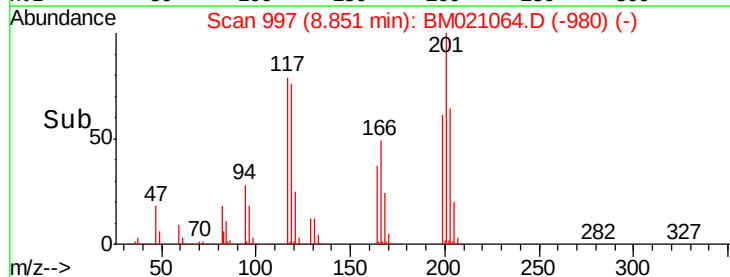
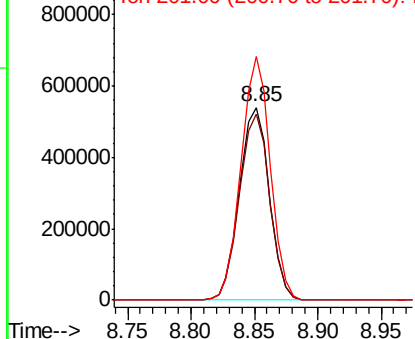


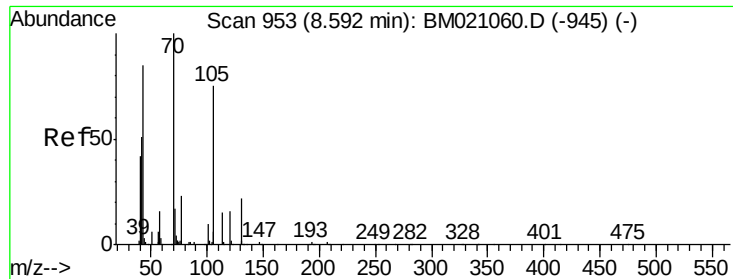
#18
Hexachloroethane
Concen: 90.626 ng
RT: 8.85 min Scan# 997
Delta R.T. -0.00 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion:117 Resp: 886691
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3
201 126.5 102.3 153.5



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



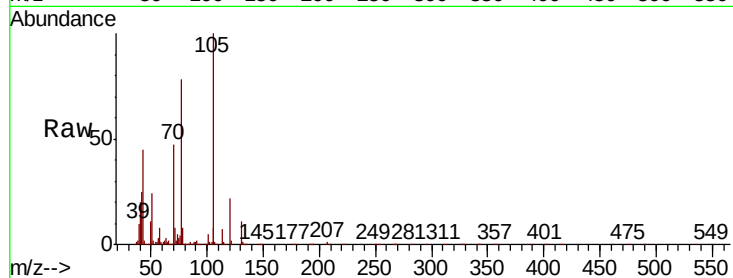


#19
n-Nitroso-di-n-propylamine
Concen: 82.746 ng
RT: 8.61 min Scan# 956
Delta R.T. 0.02 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 70 Resp: 1721963

Ion	Ratio	Lower	Upper
70	100		
42	52.4	41.9	62.9
101	10.4	8.1	12.1
130	22.8	17.5	26.3



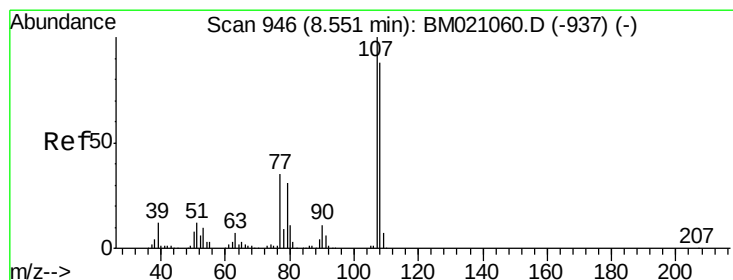
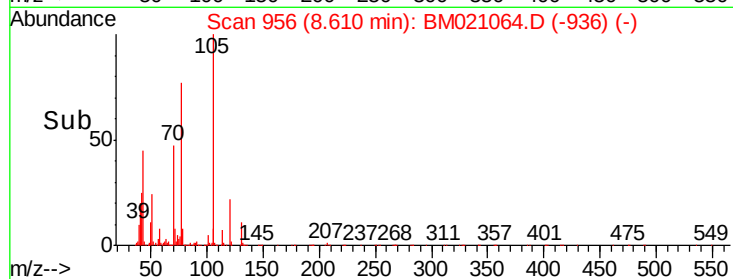
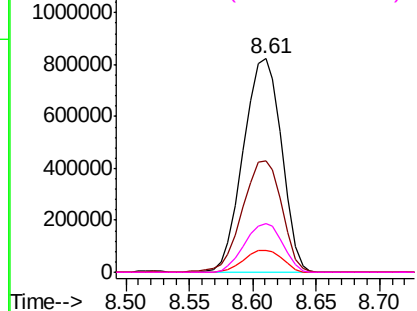
Abundance

Ion 70.00 (69.70 to 70.70): BM021064.D (-945) (-)

Ion 42.00 (41.70 to 42.70): BM021064.D (-945) (-)

Ion 101.00 (100.70 to 101.70): BM021064.D (-945) (-)

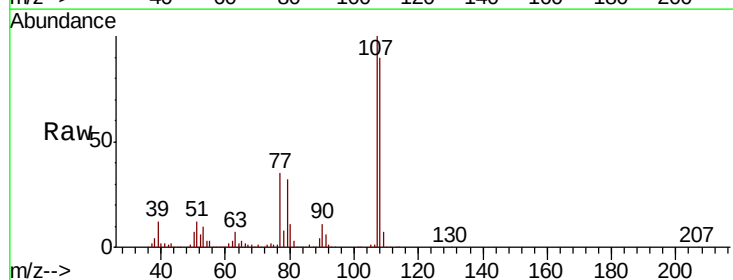
Ion 130.00 (129.70 to 130.70): BM021064.D (-945) (-)



#20
3+4-Methylphenols
Concen: 93.256 ng
RT: 8.57 min Scan# 949
Delta R.T. 0.02 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion: 107 Resp: 2489147

Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.9	107.9
77	34.6	14.6	54.6
79	31.7	10.8	50.8



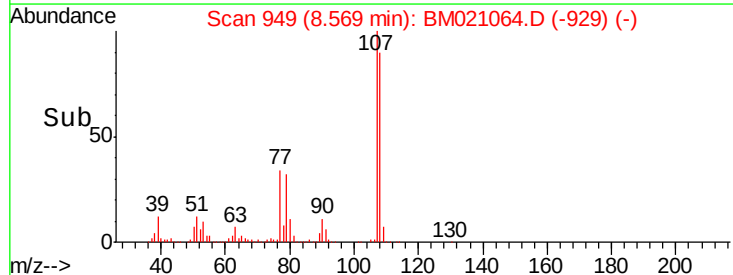
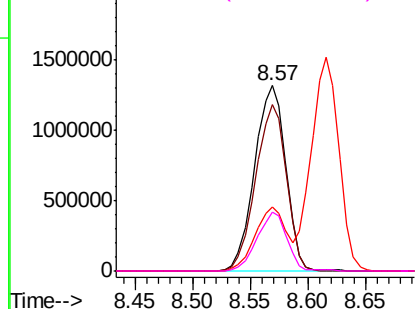
Abundance

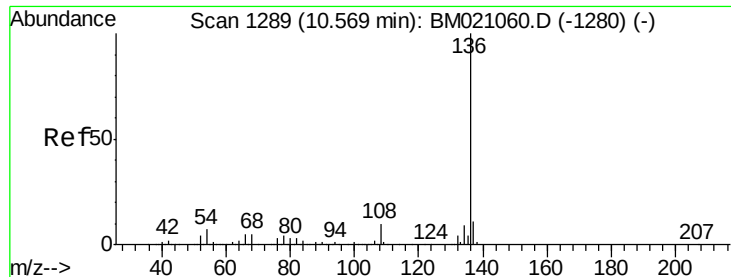
Ion 107.00 (106.70 to 107.70): BM021064.D (-937) (-)

Ion 108.00 (107.70 to 108.70): BM021064.D (-937) (-)

Ion 77.00 (76.70 to 77.70): BM021064.D (-937) (-)

Ion 79.00 (78.70 to 79.70): BM021064.D (-937) (-)

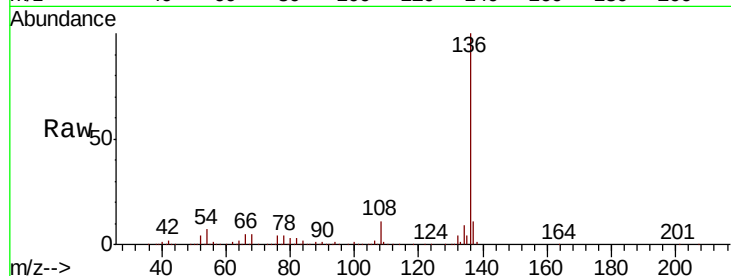




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 1394913
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 6.6	5.3 7.9
68 5.1	4.4 6.6



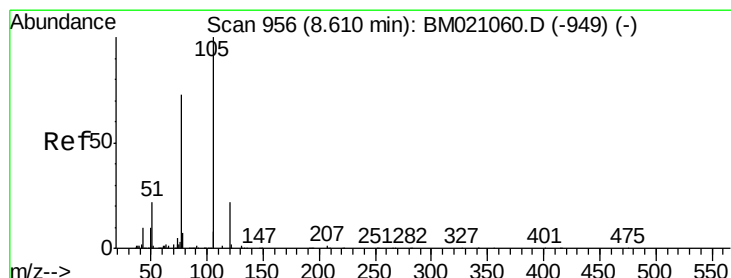
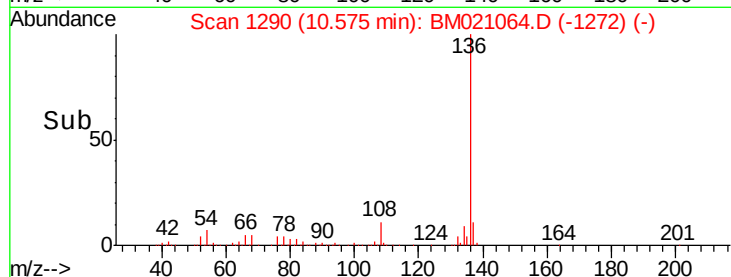
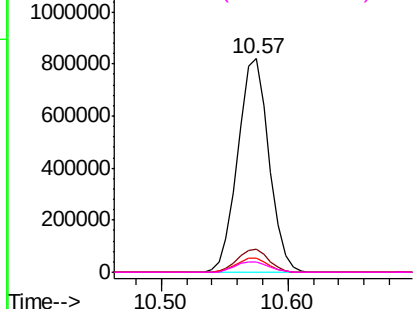
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

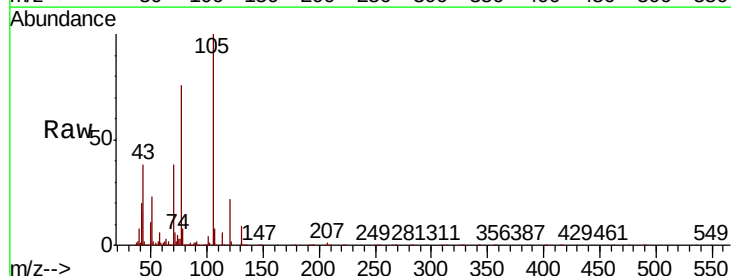
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 95.082 ng
RT: 8.62 min Scan# 957
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt	Ion:105	Resp:	3369311
Ion	Ratio	Lower	Upper
105	100		
71	6.2	1.2	1.8#
51	23.4	19.1	28.7
120	22.4	17.9	26.9



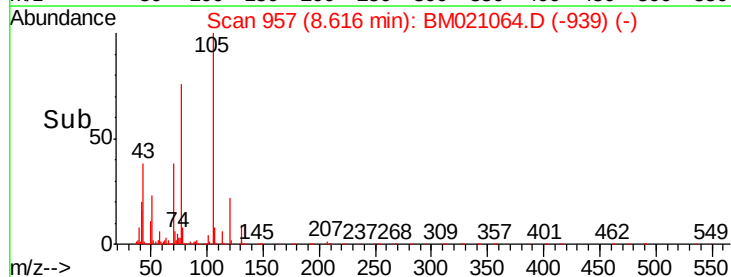
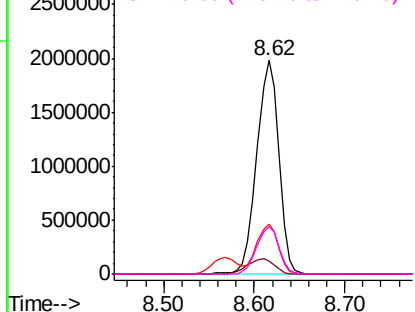
Abundance

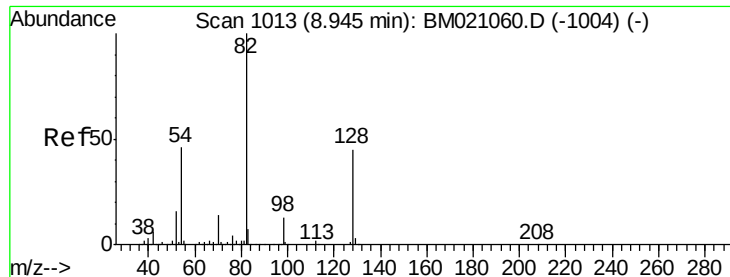
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

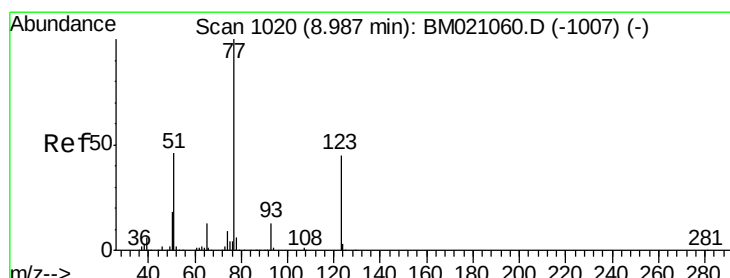
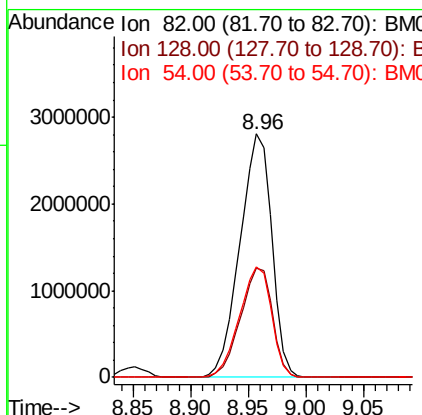
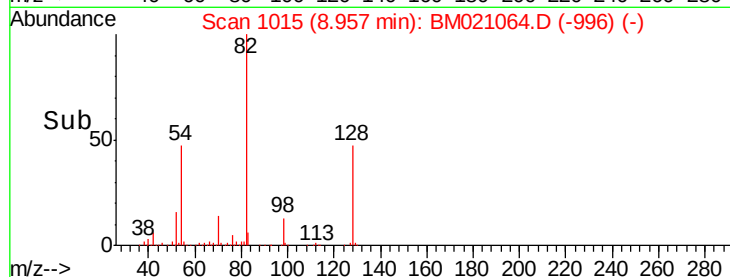
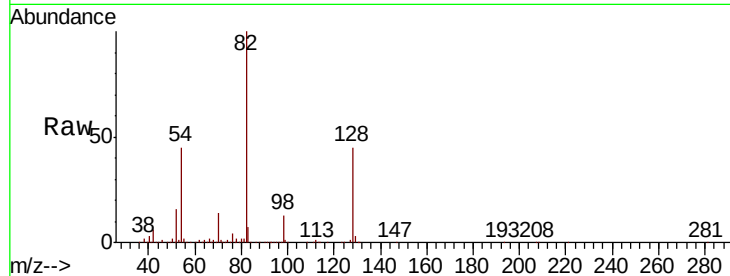




#23
Nitrobenzene-d5
Concen: 200.362 ng
RT: 8.96 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

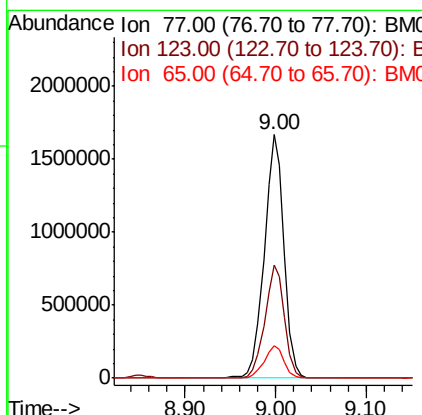
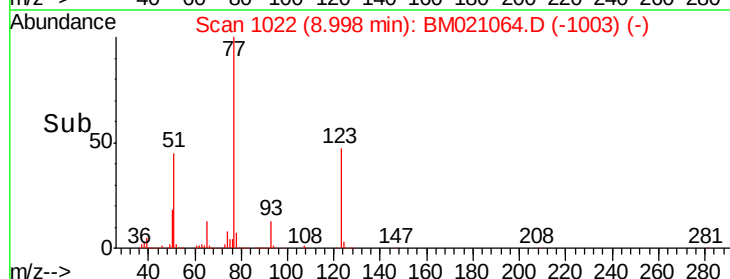
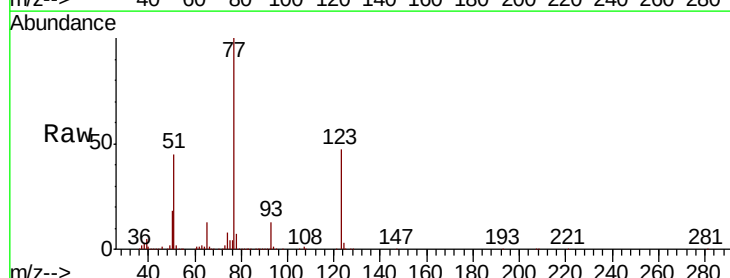
Instrument :
BNA_M
ClientSampled :

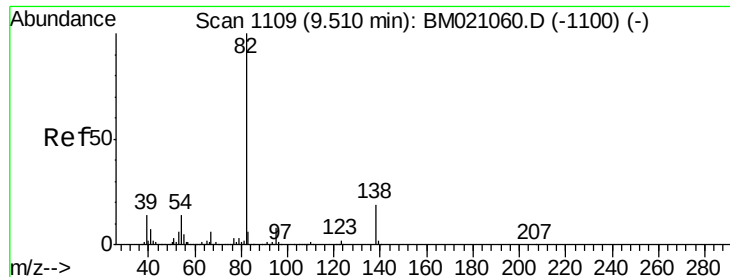
Tot Ion: 82 Resp: 5394274
Ion Ratio Lower Upper
82 100
128 44.9 35.9 53.9
54 45.2 36.6 55.0



#24
Nitrobenzene
Concen: 91.461 ng
RT: 9.00 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion: 77 Resp: 2513765
Ion Ratio Lower Upper
77 100
123 46.7 36.3 54.5
65 13.3 10.6 16.0





#25

Isophorone

Concen: 89.782 ng

RT: 9.52 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampleId :

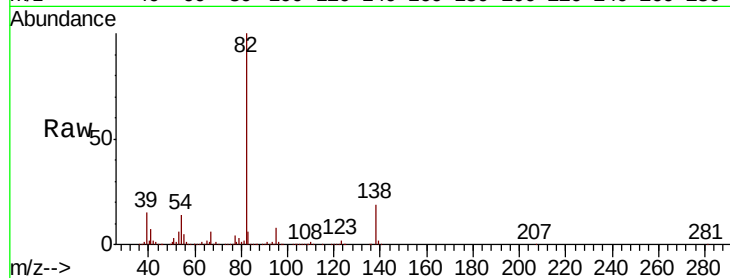
Tot Ion: 82 Resp: 4808201

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

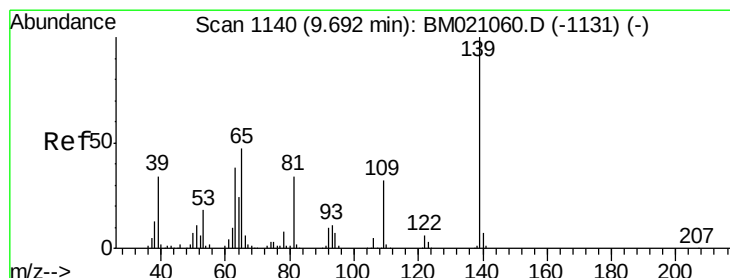
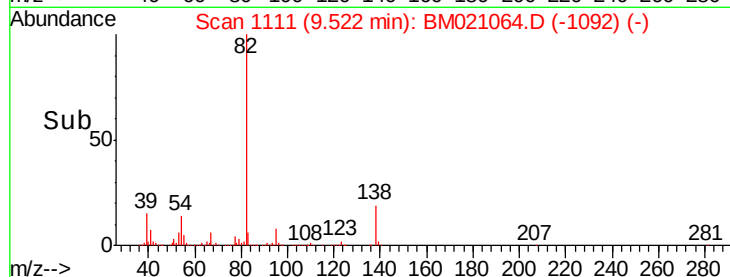
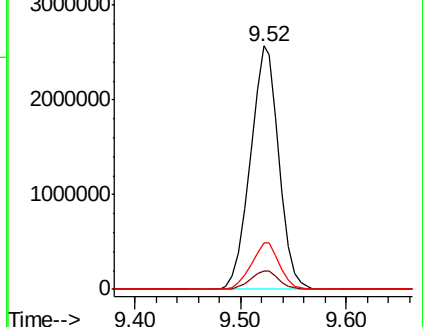
138 18.9 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BM021064.D (-1100) (-)

Ion 95.00 (94.70 to 95.70): BM021064.D (-1100) (-)

Ion 138.00 (137.70 to 138.70): BM021064.D (-1100) (-)



#26

2-Nitrophenol

Concen: 129.024 ng

RT: 9.70 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

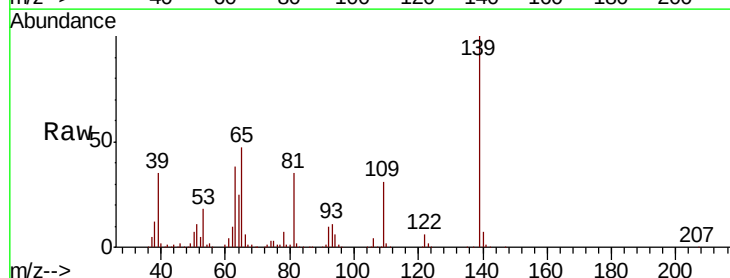
Tgt Ion: 139 Resp: 1321637

Ion Ratio Lower Upper

139 100

109 30.9 25.2 37.8

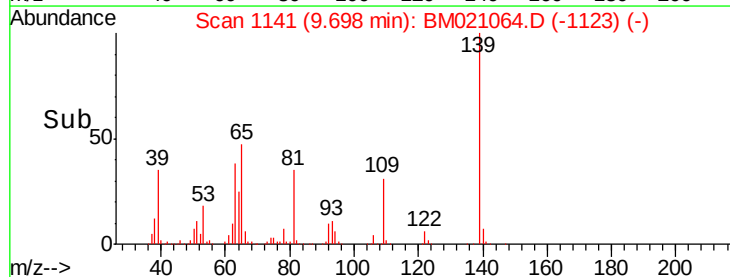
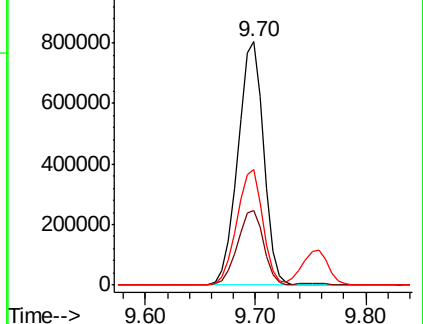
65 47.4 37.4 56.0

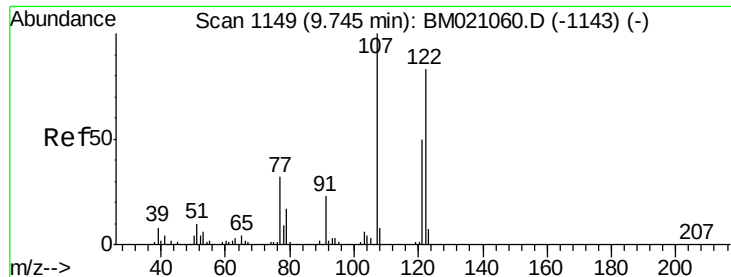


Abundance Ion 139.00 (138.70 to 139.70): BM021064.D (-1123) (-)

Ion 109.00 (108.70 to 109.70): BM021064.D (-1123) (-)

Ion 65.00 (64.70 to 65.70): BM021064.D (-1123) (-)

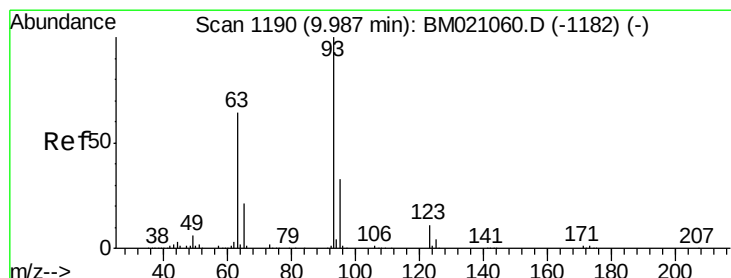
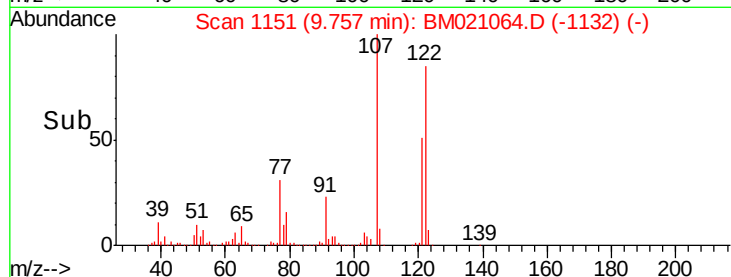
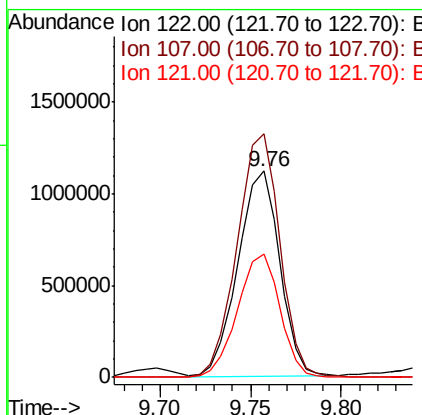
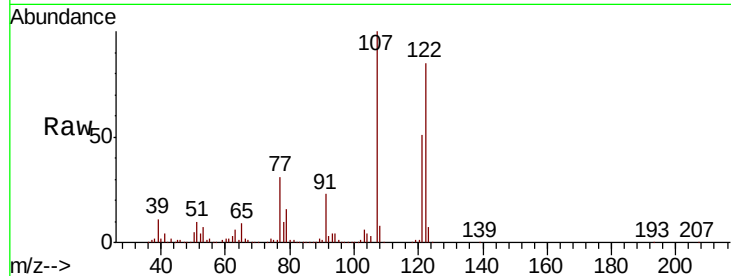




#27
 2,4-Dimethylphenol
 Concen: 93.362 ng
 RT: 9.76 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

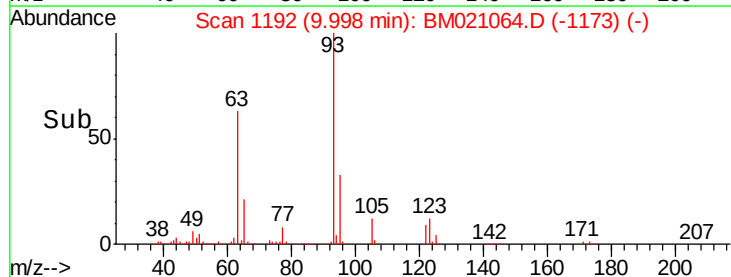
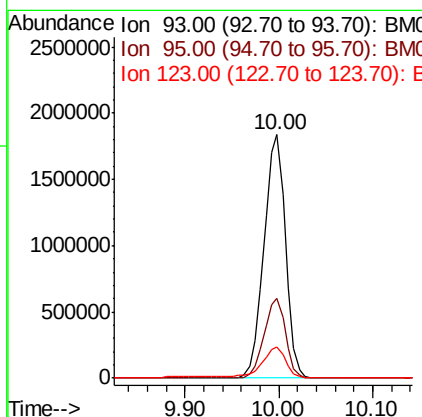
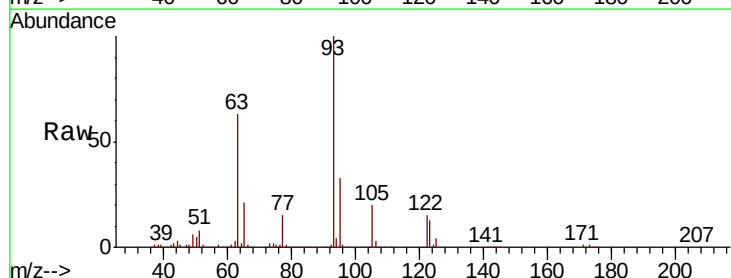
Instrument :
 BNA_M
 ClientSampleId :

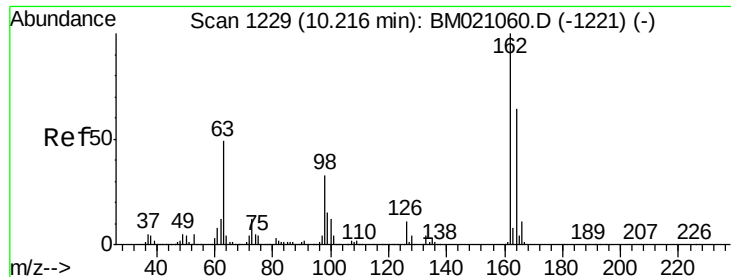
Tot Ion:122 Resp: 1792010
 Ion Ratio Lower Upper
 122 100
 107 118.2 95.3 142.9
 121 59.8 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 89.656 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Tgt Ion: 93 Resp: 2903109
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.2
 123 12.9 9.0 13.4

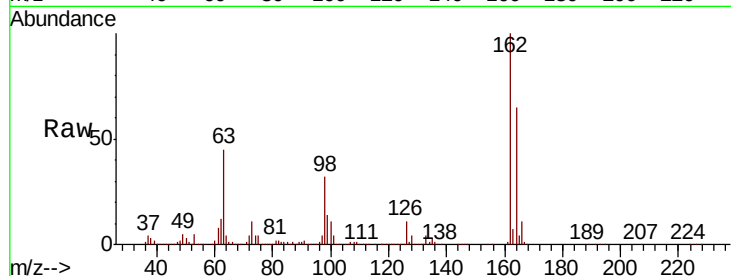




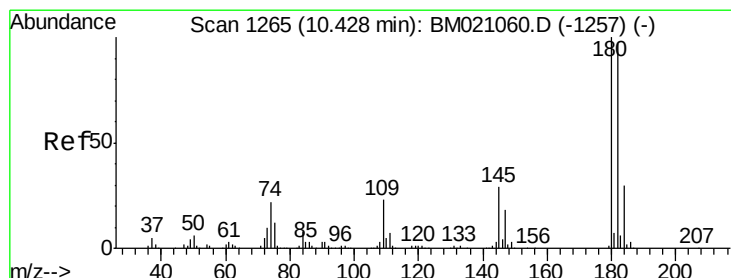
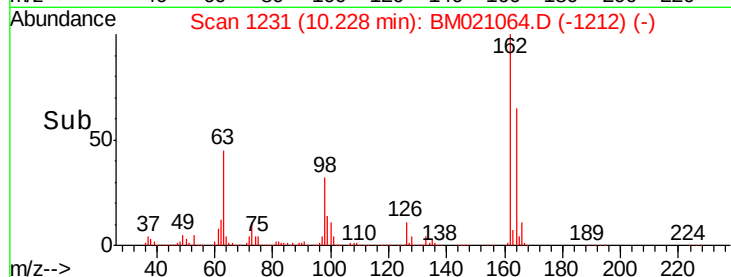
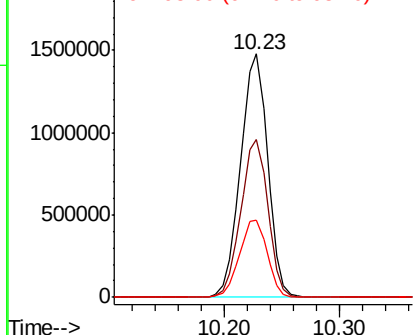
#29
2,4-Dichlorophenol
Concen: 113.738 ng
RT: 10.23 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 2415363
Ion Ratio Lower Upper
162 100
164 64.8 43.7 83.7
98 31.7 13.4 53.4

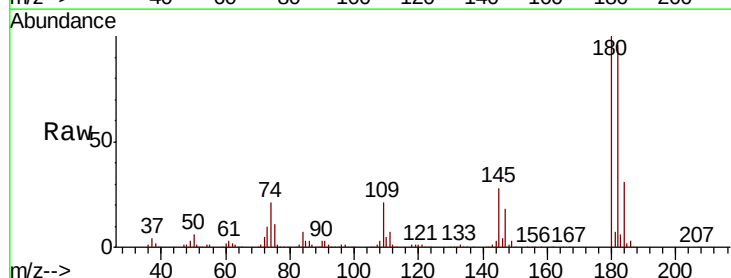


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

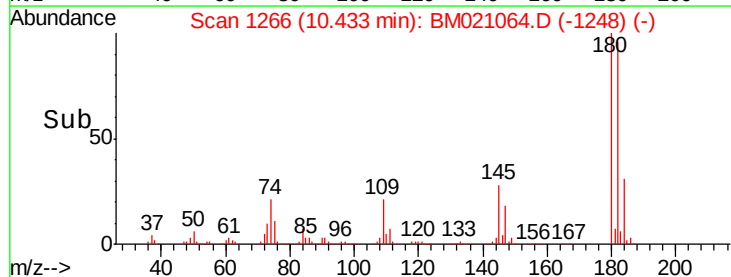
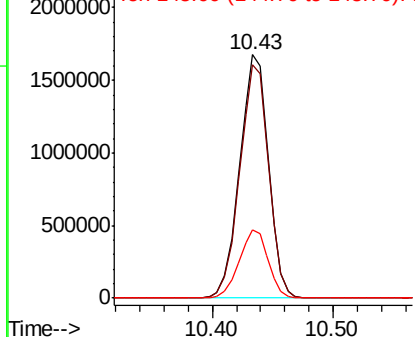


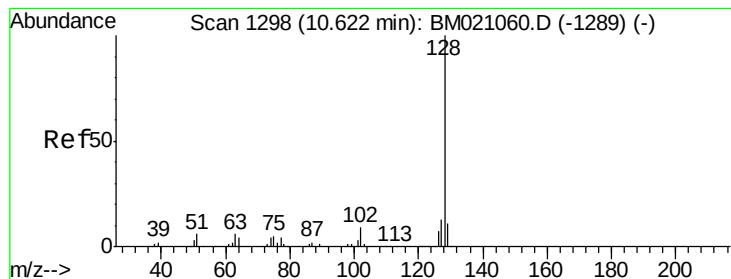
#30
1,2,4-Trichlorobenzene
Concen: 113.890 ng
RT: 10.43 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion:180 Resp: 2781022
Ion Ratio Lower Upper
180 100
182 96.0 78.0 117.0
145 27.9 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): E
2000000 Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 97.125 ng

RT: 10.63 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

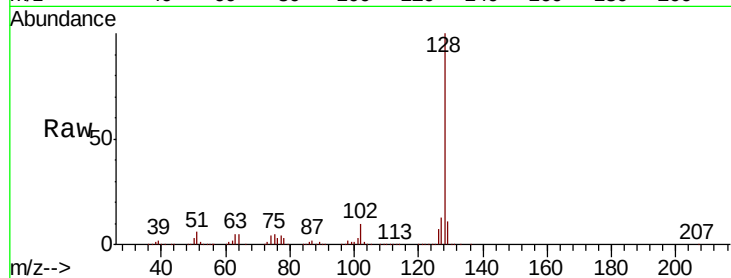
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 6966922

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.4	10.8	16.2

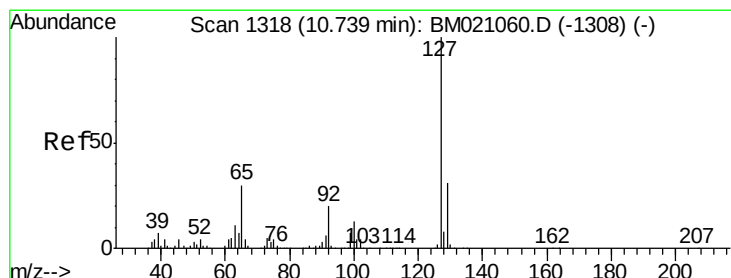
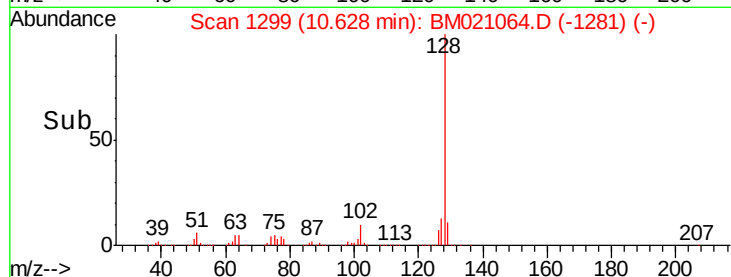
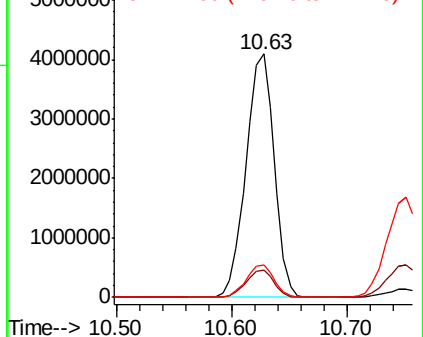


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 97.312 ng

RT: 10.75 min Scan# 1320

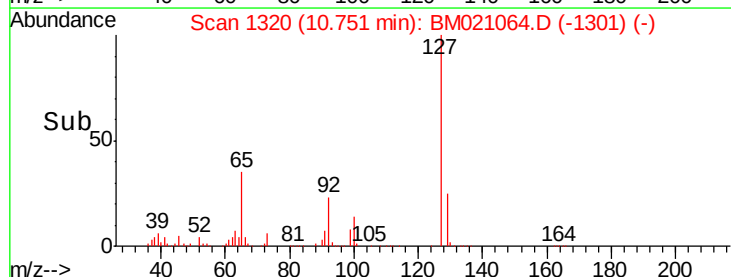
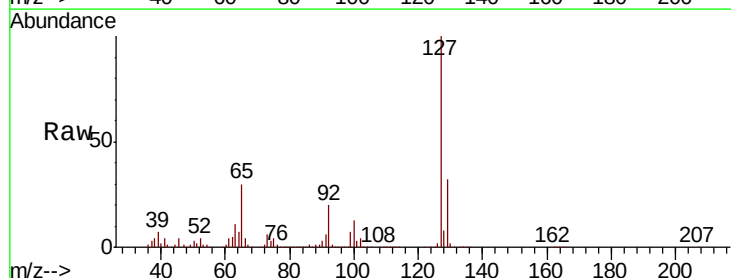
Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Tgt Ion:127 Resp: 3248579

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.1	37.7
65	29.8	23.8	35.8
92	20.1	15.7	23.5



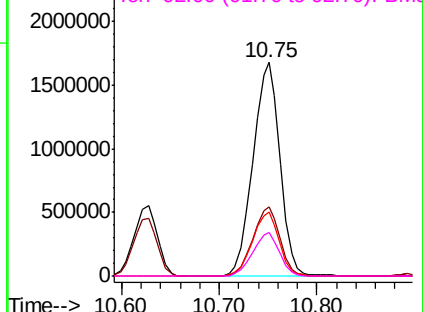
Abundance

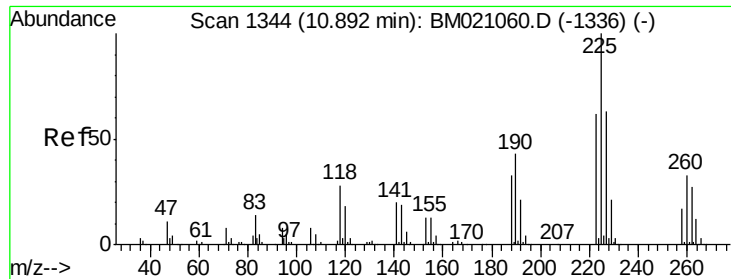
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0





#34

Hexachlorobutadiene

Concen: 120.383 ng

RT: 10.89 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampleId :

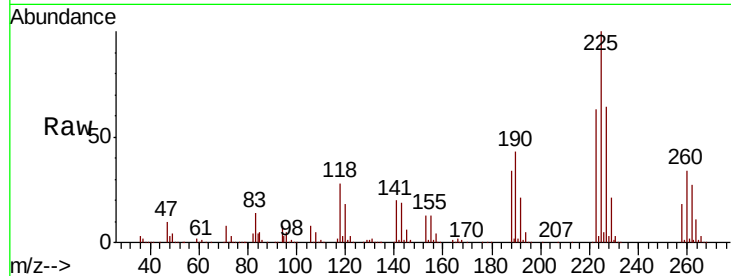
Tot Ion:225 Resp: 1763785

Ion Ratio Lower Upper

225 100

223 62.6 49.6 74.4

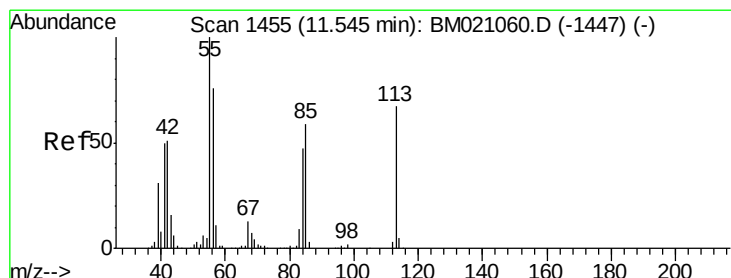
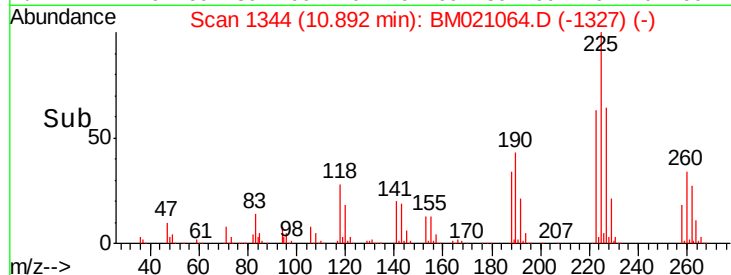
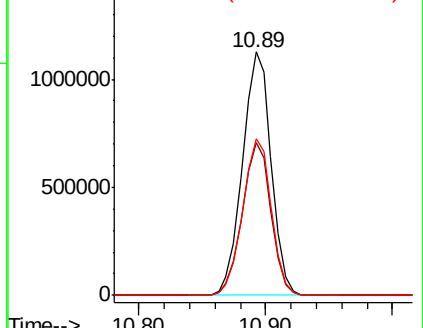
227 64.3 50.4 75.6



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: 81.941 ng

RT: 11.62 min Scan# 1467

Delta R.T. 0.07 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

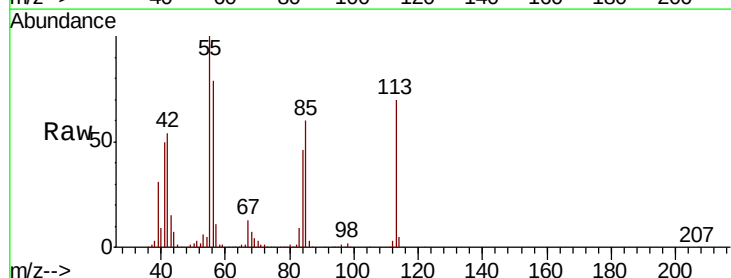
Tgt Ion:113 Resp: 604516

Ion Ratio Lower Upper

113 100

55 142.6 129.8 169.8

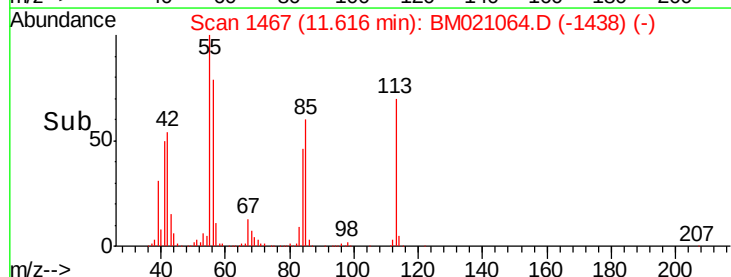
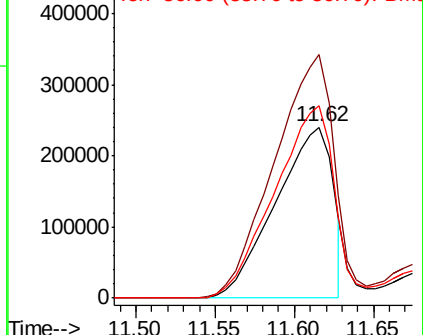
56 112.5 94.3 134.3

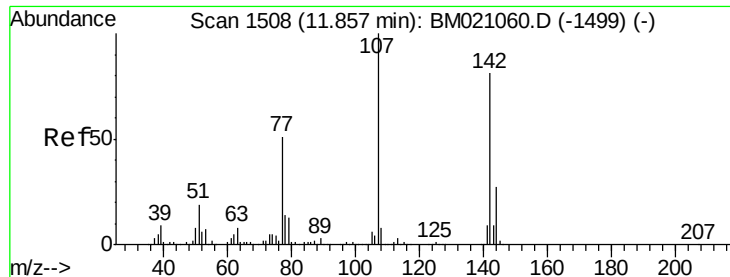


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

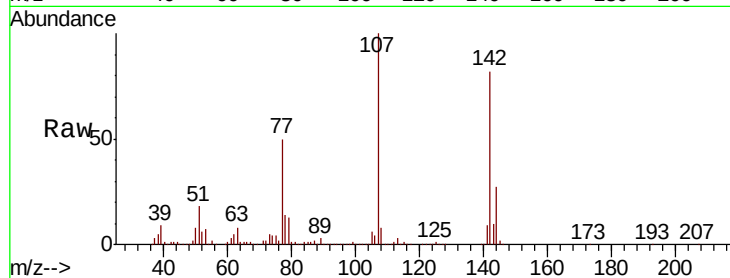




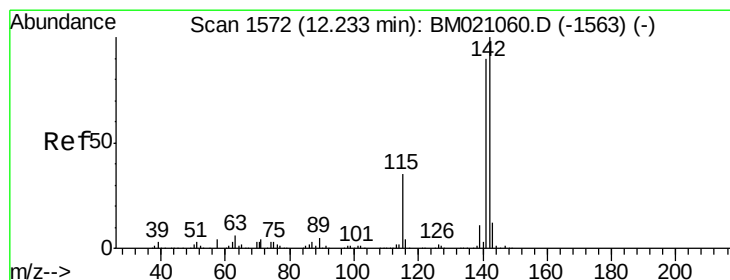
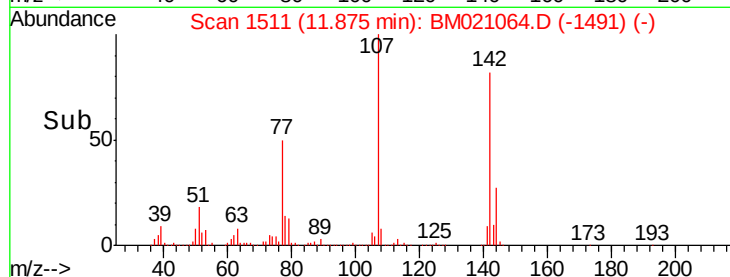
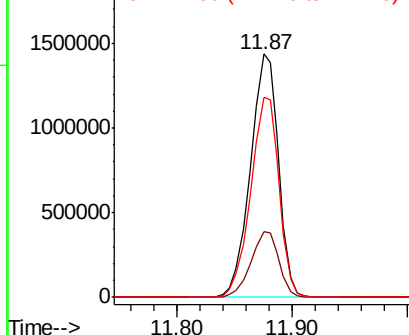
#36
 4-Chloro-3-methylphenol
 Concen: 98.699 ng
 RT: 11.87 min Scan# 1511
 Delta R.T. 0.02 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:107 Resp: 2436919
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.3 31.9
 142 82.4 64.9 97.3

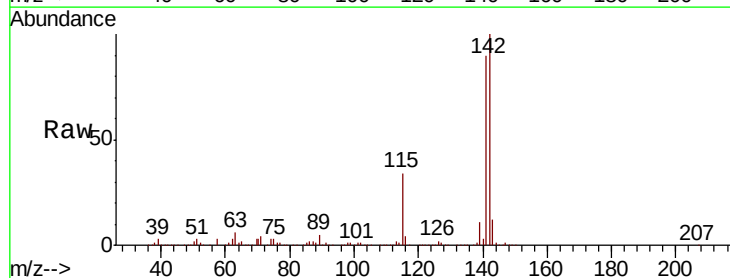


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

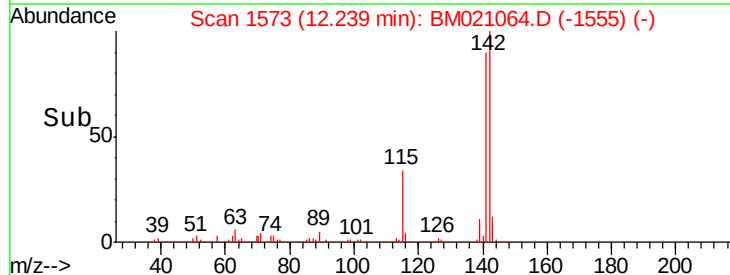
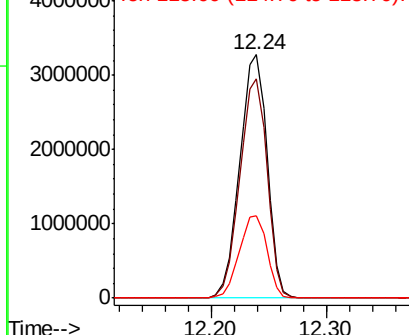


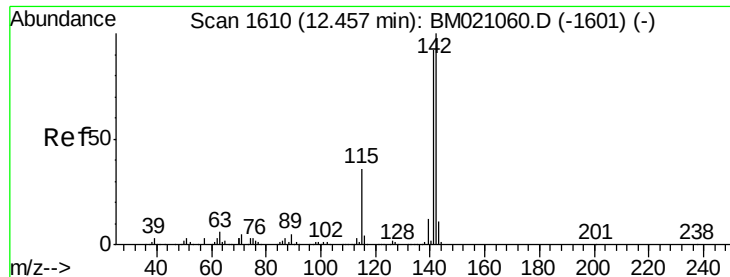
#37
 2-Methylnaphthalene
 Concen: 101.252 ng
 RT: 12.24 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Tgt Ion:142 Resp: 5383428
 Ion Ratio Lower Upper
 142 100
 141 90.0 72.2 108.2
 115 34.0 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

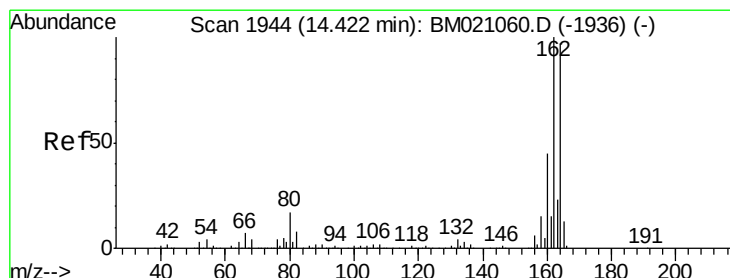
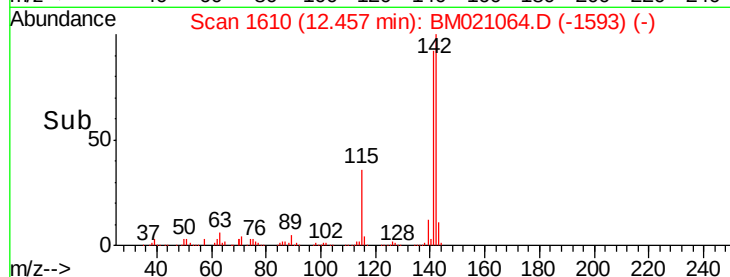
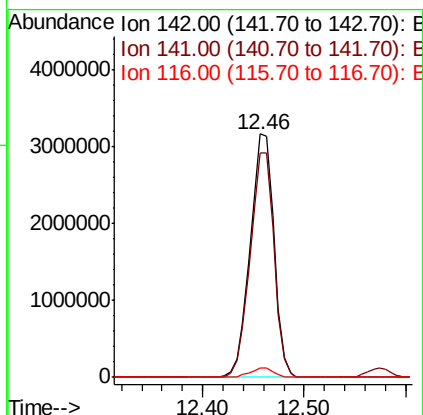
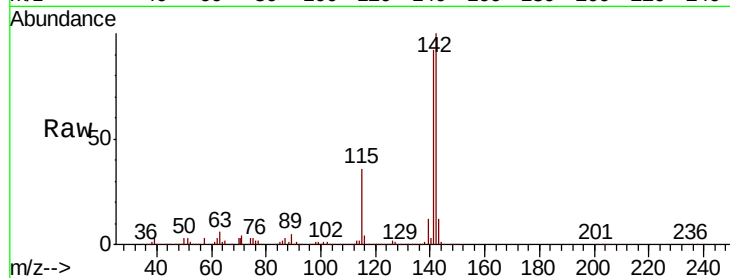




#38
1-Methylnaphthalene
Concen: 101.477 ng
RT: 12.46 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

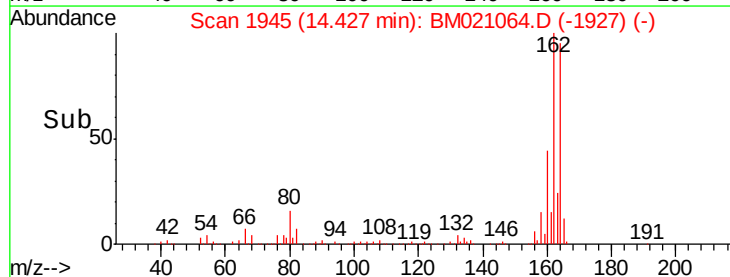
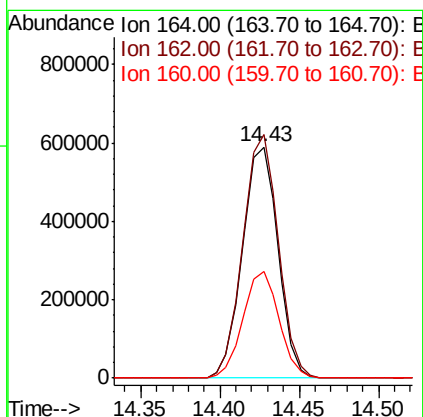
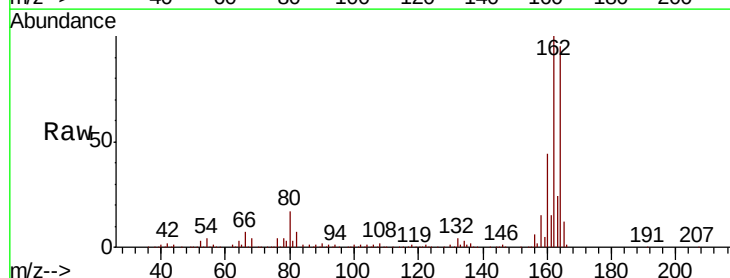
Instrument :
BNA_M
ClientSampleId :

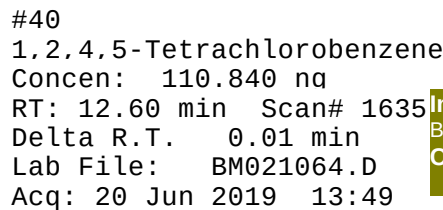
Tot Ion:142 Resp: 5137432
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9
116 3.8 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

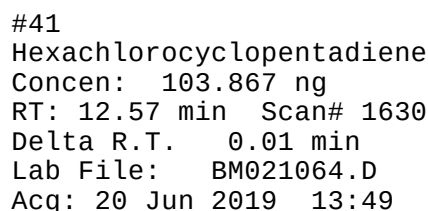
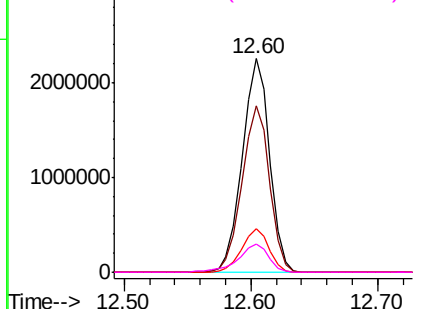
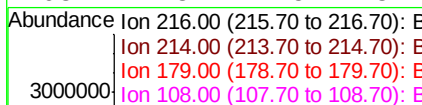
Tgt Ion:164 Resp: 921766
Ion Ratio Lower Upper
164 100
162 105.3 82.1 123.1
160 46.2 37.1 55.7



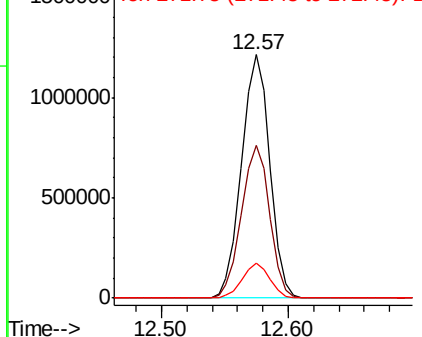


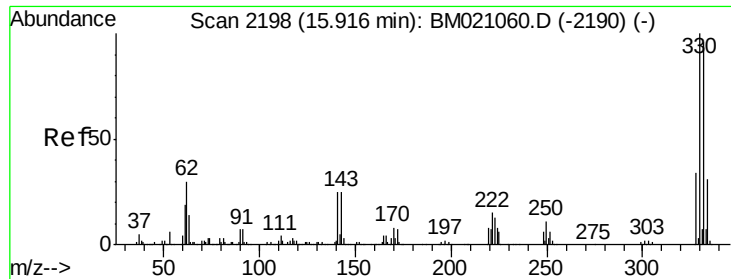
Instrument :
BNA_M
ClientSampleId :

Tot	Ion:216	Resp:	3348163
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.6
179	20.4	16.4	24.6
108	14.8	12.5	18.7



Tgt	Ion:237	Resp:	1876468
Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.7	81.7
272	14.1	0.0	34.1





#42

2,4,6-Tribromophenol

Concen: 306.776 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

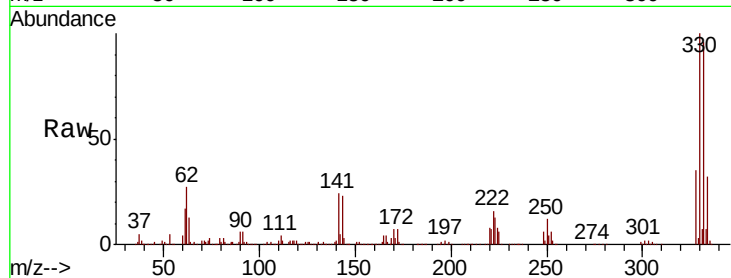
Instrument :

BNA_M

ClientSampleId :

Tot Ion:330 Resp: 3503564

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	25.6	21.8	32.8

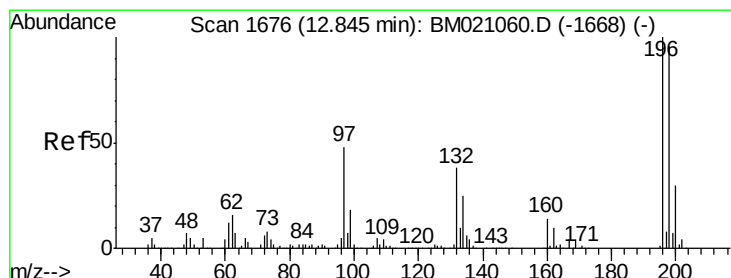
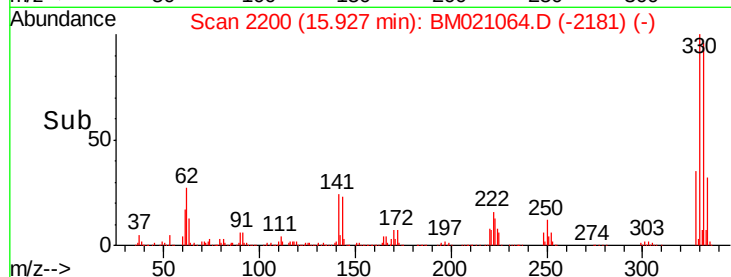
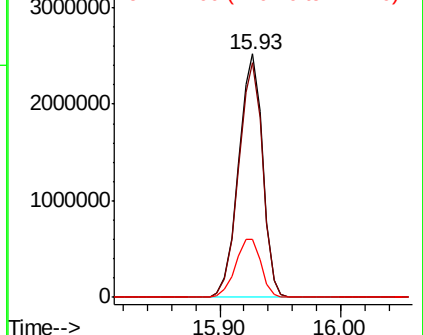


Abundance

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: 115.972 ng

RT: 12.86 min Scan# 1678

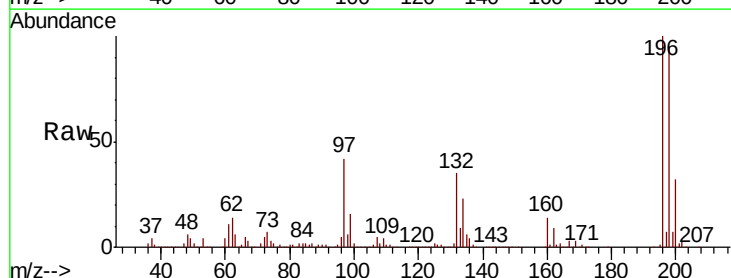
Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Tgt Ion:196 Resp: 2254938

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.7	115.1
200	31.6	24.2	36.4

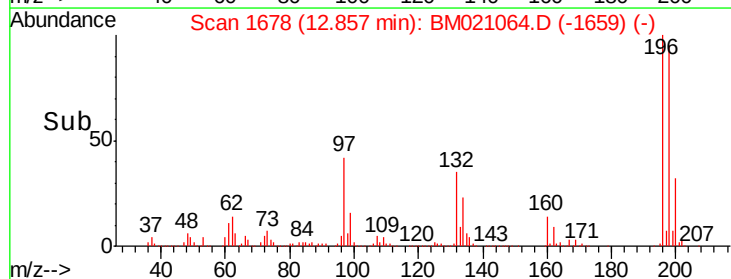
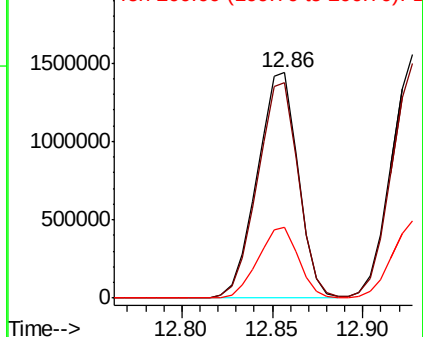


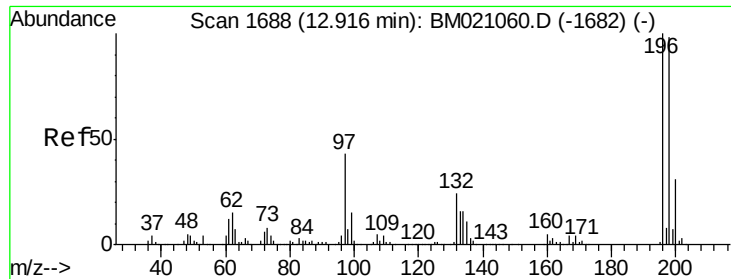
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

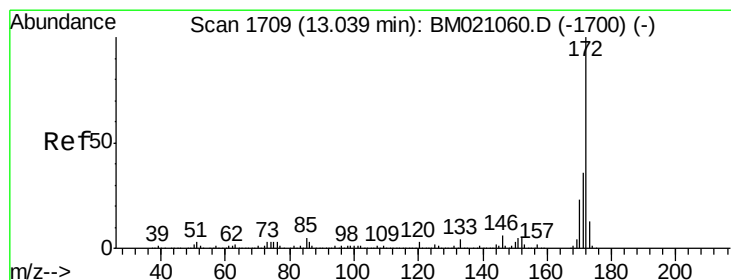
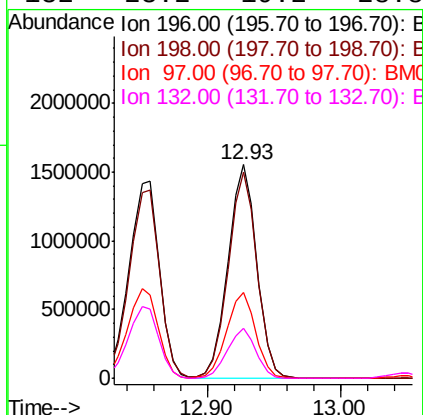
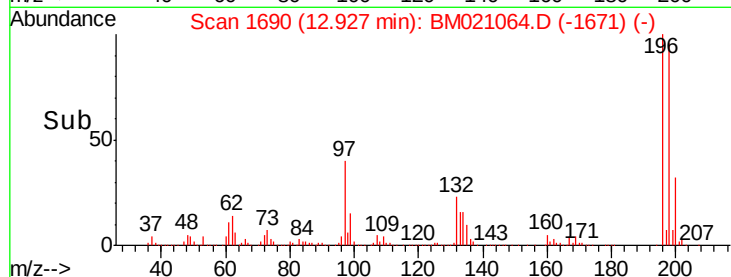
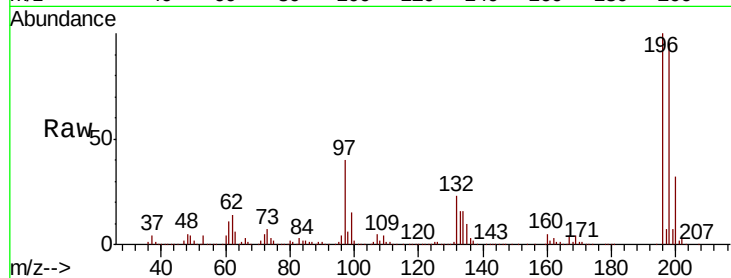




#44
2,4,5-Trichlorophenol
Concen: 116.070 ng
RT: 12.93 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

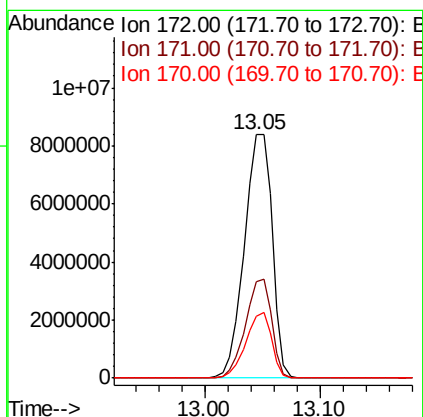
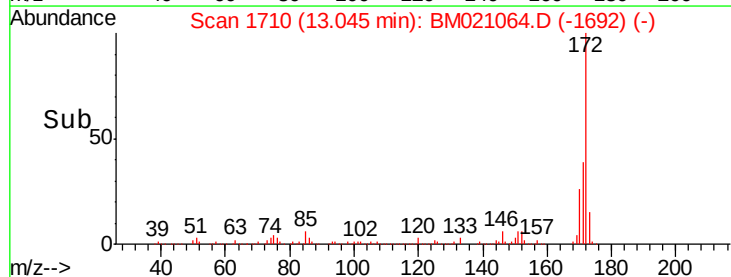
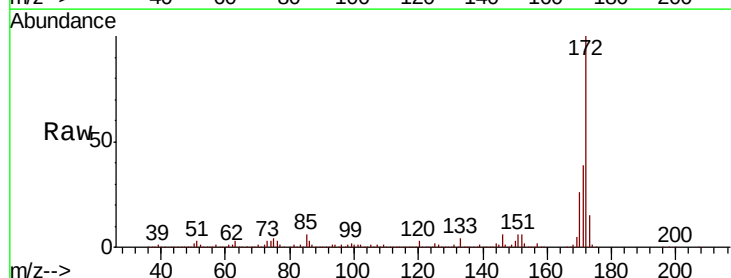
Instrument :
BNA_M
ClientSampled :

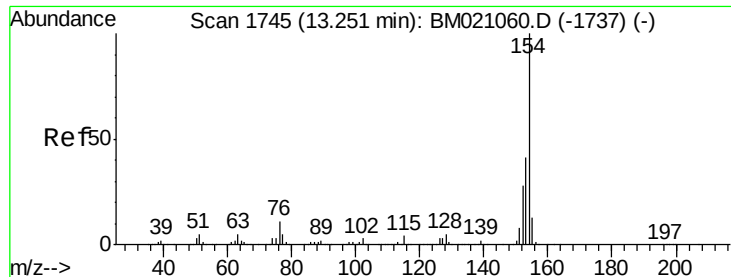
Tot Ion:196 Resp: 2329941
Ion Ratio Lower Upper
196 100
198 96.5 78.2 117.4
97 39.9 34.1 51.1
132 23.2 19.2 28.8



#45
2-Fluorobiphenyl
Concen: 203.372 ng
RT: 13.05 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion:172 Resp:14100670
Ion Ratio Lower Upper
172 100
171 39.4 28.6 43.0
170 25.6 18.7 28.1



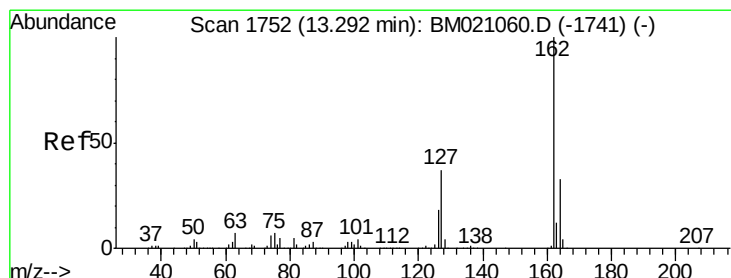
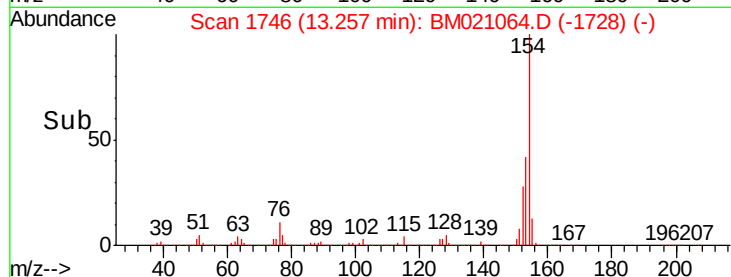
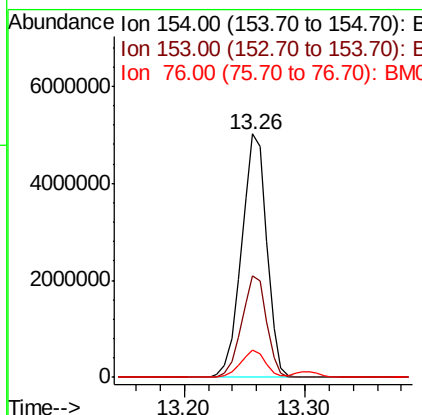
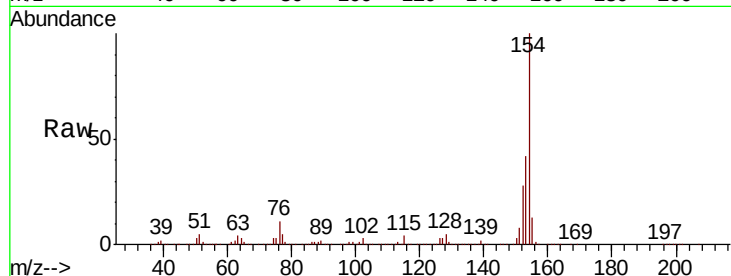


#46
 1,1'-Biphenyl
 Concen: 94.669 ng
 RT: 13.26 min Scan# 1746
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:154 Resp: 7287860

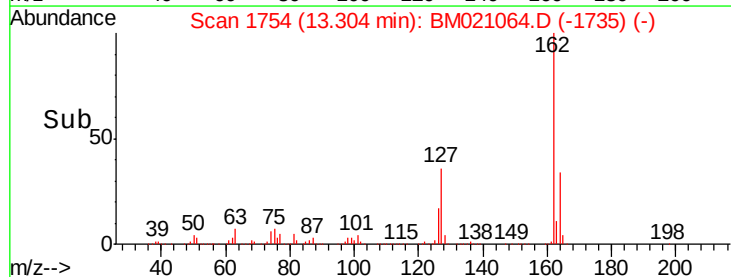
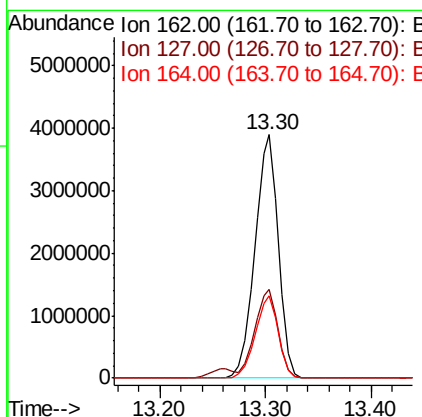
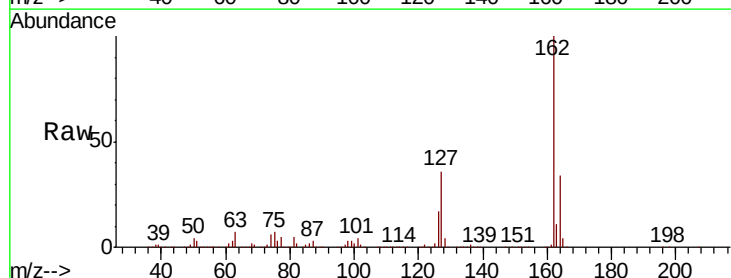
Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.3	61.3
76	11.0	0.0	30.9

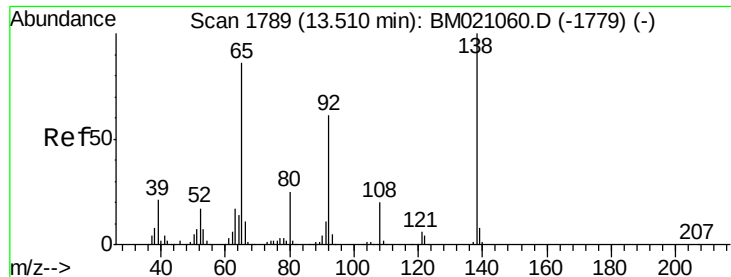


#47
 2-Chloronaphthalene
 Concen: 96.735 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Tgt Ion:162 Resp: 6010374

Ion	Ratio	Lower	Upper
162	100		
127	36.4	29.4	44.2
164	33.7	26.5	39.7

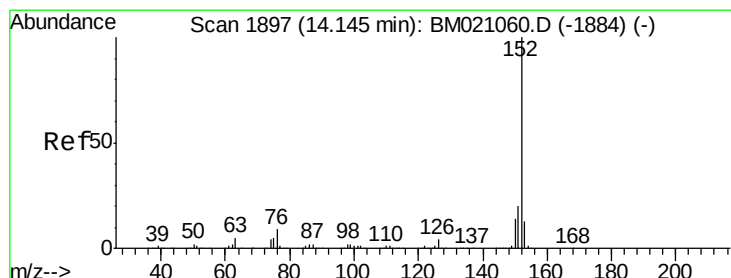
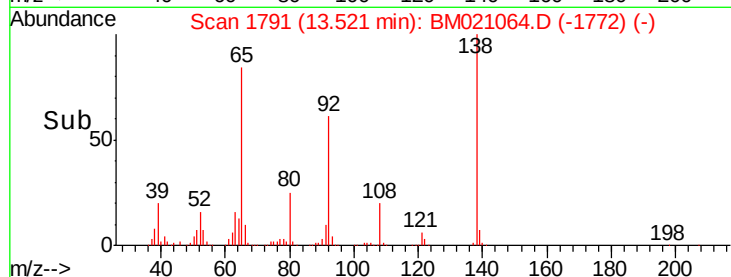
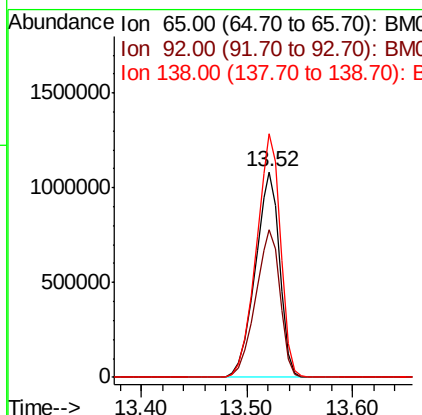
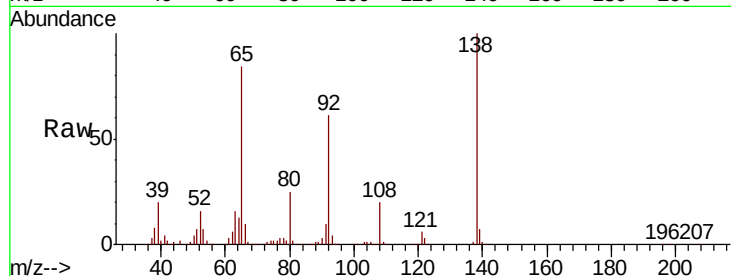




#48
2-Nitroaniline
Concen: 89.485 ng
RT: 13.52 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

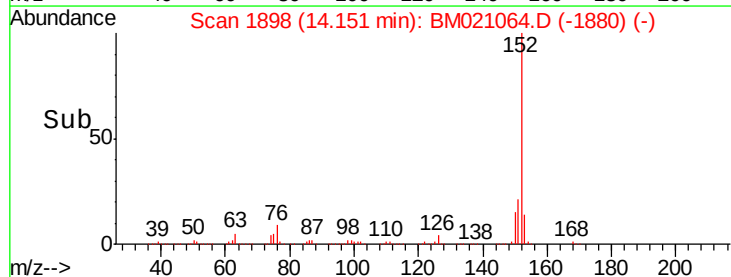
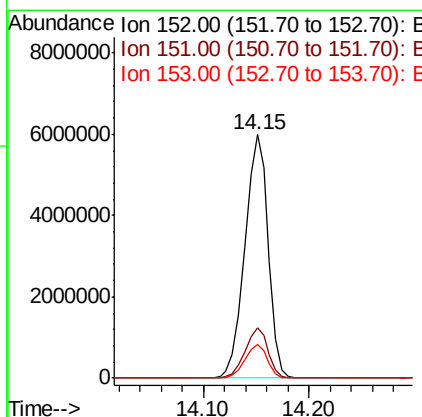
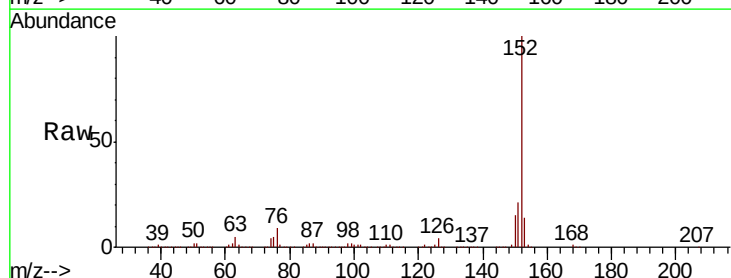
Instrument :
BNA_M
ClientSampleId :

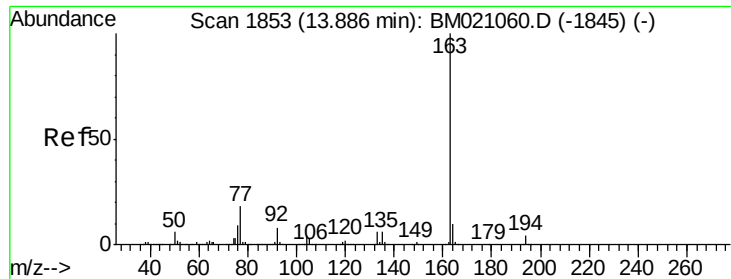
Tot Ion: 65 Resp: 1745053
Ion Ratio Lower Upper
65 100
92 72.2 56.3 84.5
138 118.6 92.6 139.0



#49
Acenaphthylene
Concen: 93.977 ng
RT: 14.15 min Scan# 1898
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion: 152 Resp: 9110653
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 13.7 10.6 16.0





#50

Dimethylphthalate

Concen: 98.132 ng

RT: 13.90 min Scan# 1856

Delta R.T. 0.02 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampleId :

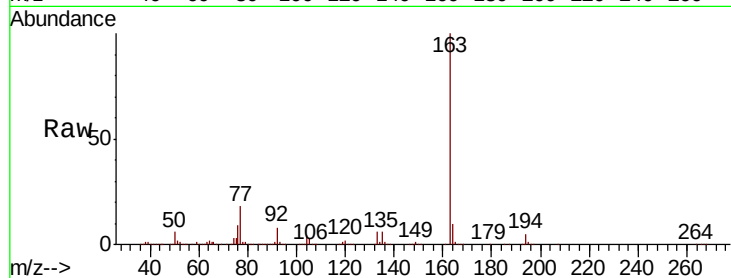
Tot Ion:163 Resp: 7727985

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

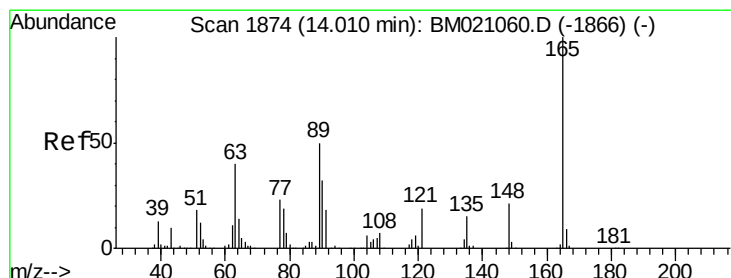
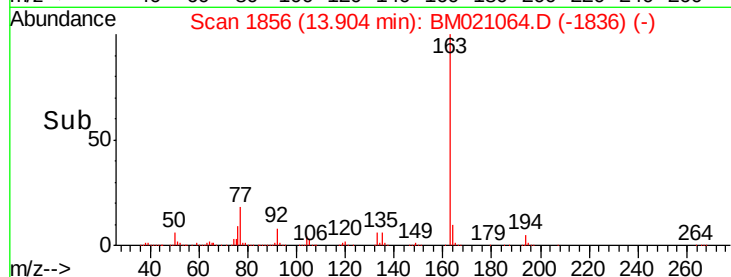
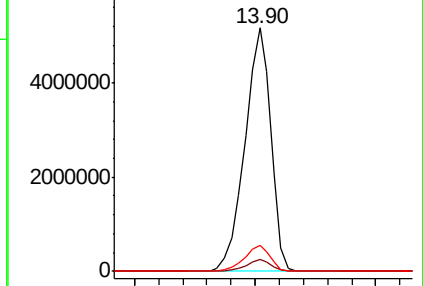
164 10.4 8.2 12.2



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: 109.344 ng

RT: 14.02 min Scan# 1876

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

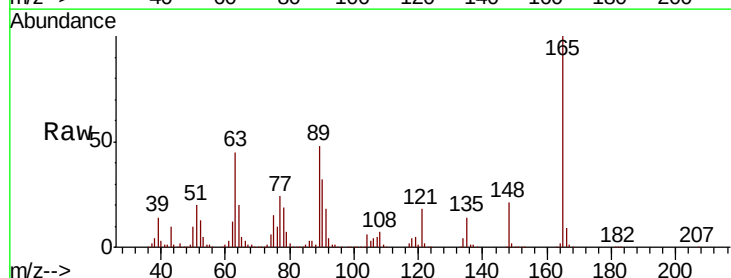
Tgt Ion:165 Resp: 1748451

Ion Ratio Lower Upper

165 100

63 45.1 37.8 56.6

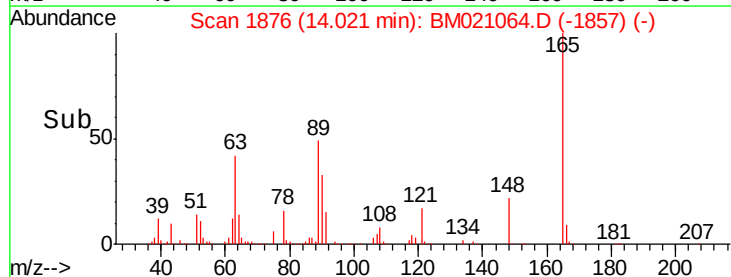
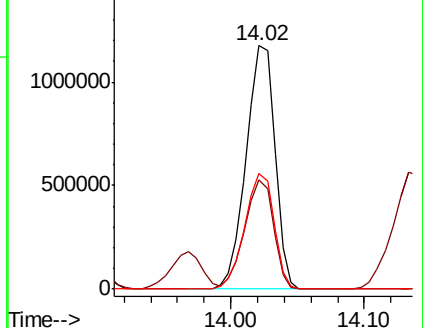
89 47.6 39.7 59.5

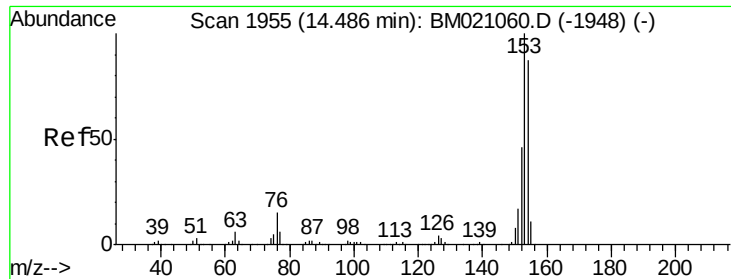


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 95.670 ng

RT: 14.49 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

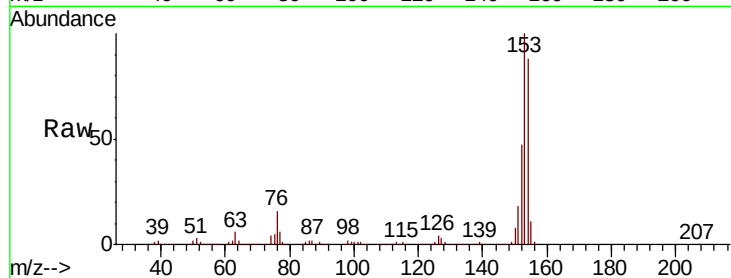
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 5527109

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.5	137.3
152	53.0	42.3	63.5

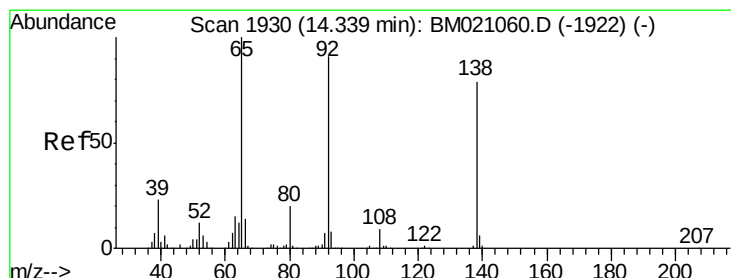
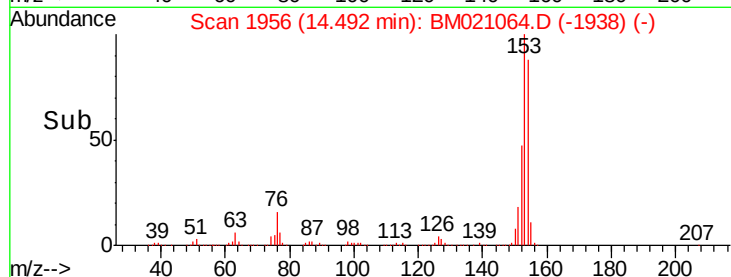
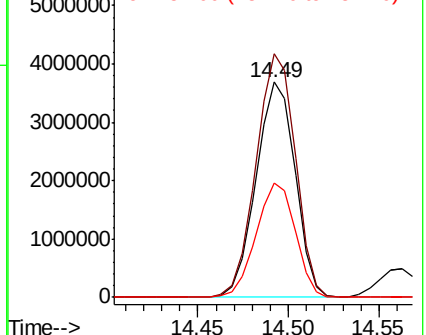


Abundance

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: 103.107 ng

RT: 14.36 min Scan# 1934

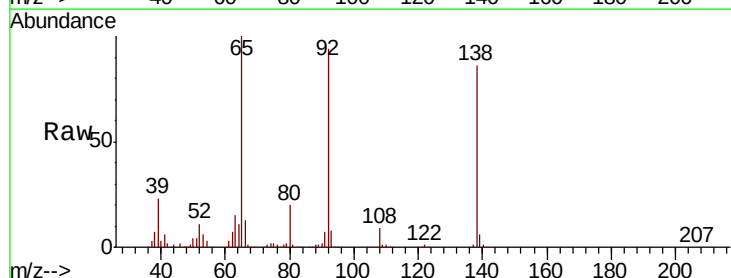
Delta R.T. 0.02 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Tgt Ion:138 Resp: 1840251

Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.0	13.4
92	109.0	92.2	138.2

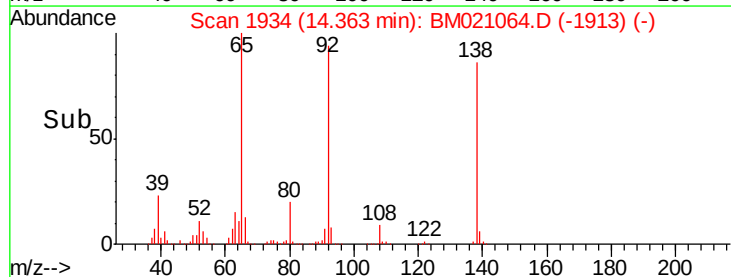
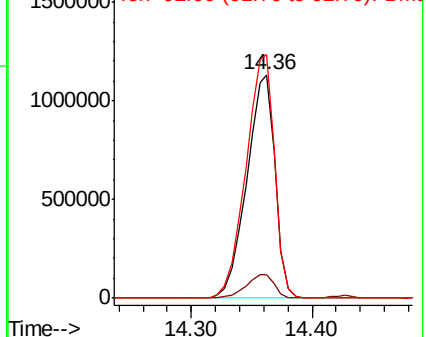


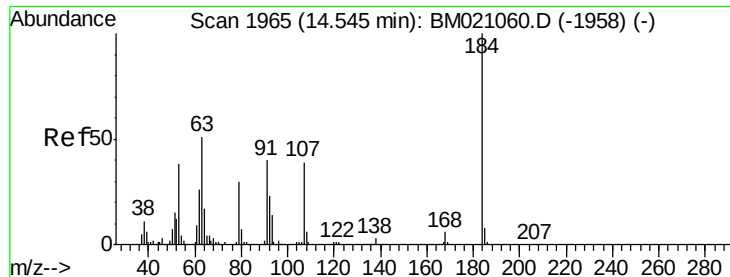
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

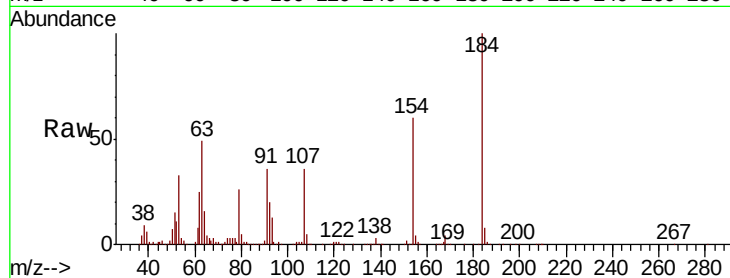




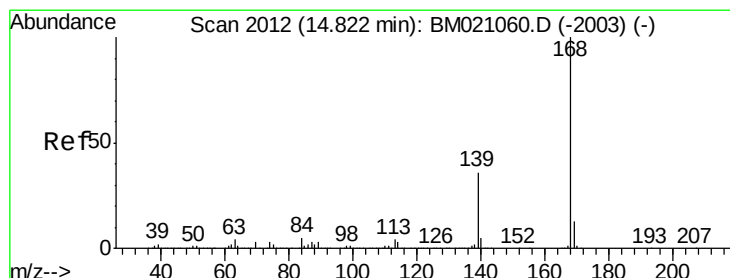
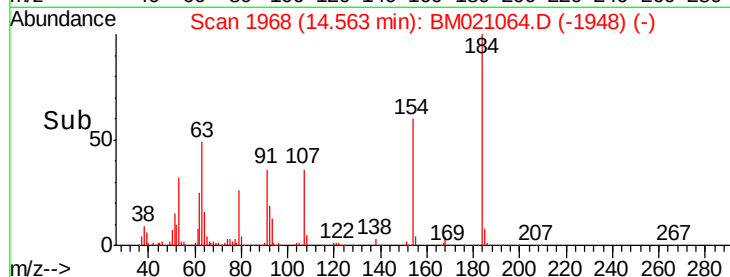
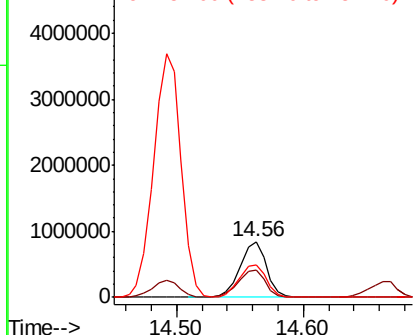
#54
2,4-Dinitrophenol
Concen: 213.272 ng
RT: 14.56 min Scan# 1968
Delta R.T. 0.02 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 1204545
Ion Ratio Lower Upper
184 100
63 49.3 45.5 68.3
154 59.6 50.6 76.0

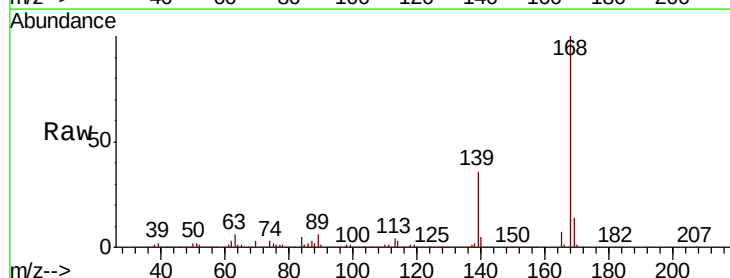


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

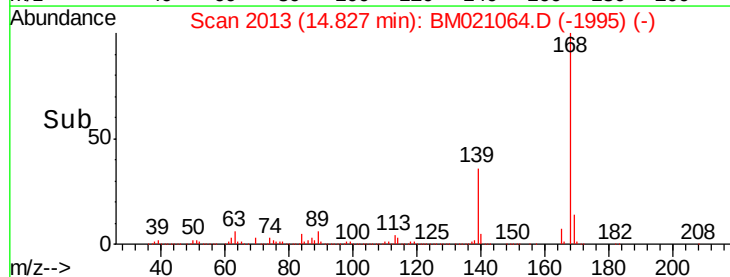
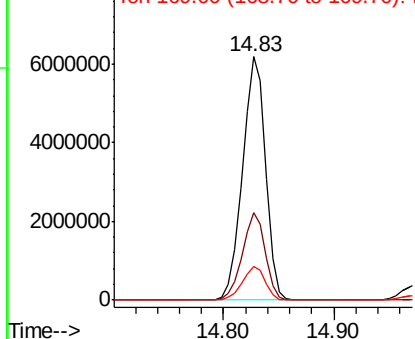


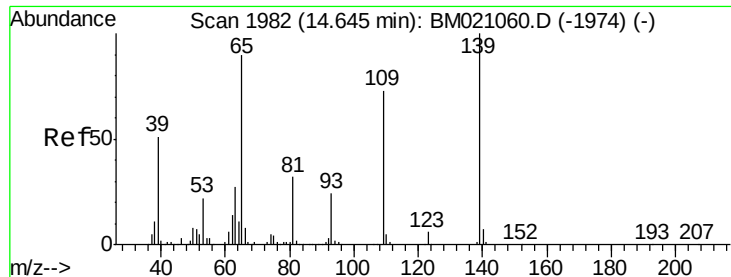
#55
Dibenzofuran
Concen: 100.734 ng
RT: 14.83 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion:168 Resp: 9038770
Ion Ratio Lower Upper
168 100
139 35.8 28.4 42.6
169 13.9 10.6 16.0



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





#56

4-Nitrophenol

Concen: 109.485 ng

RT: 14.67 min Scan# 1986

Delta R.T. 0.02 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampleId :

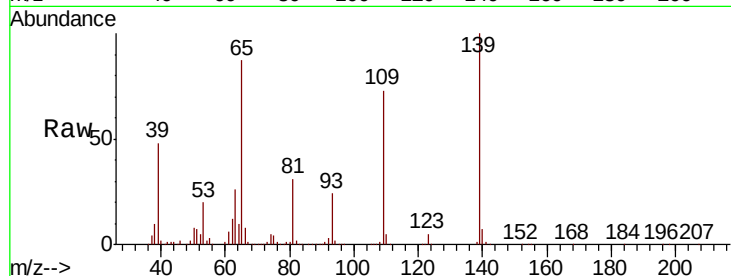
Tot Ion:139 Resp: 1439985

Ion Ratio Lower Upper

139 100

109 72.8 53.3 93.3

65 86.7 70.3 110.3

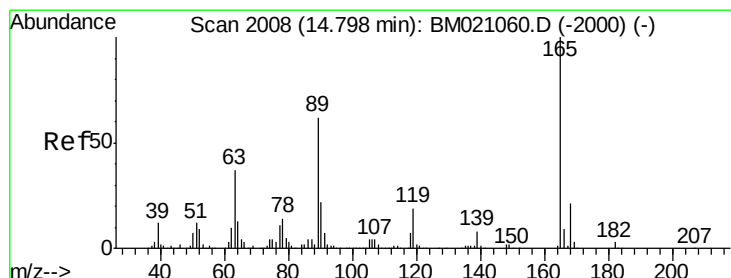
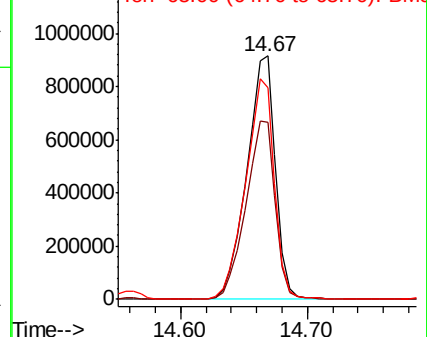
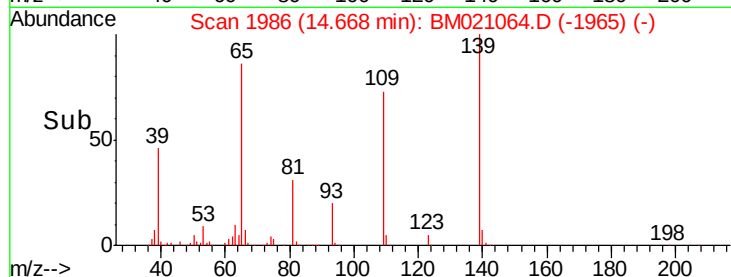


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#57

2,4-Dinitrotoluene

Concen: 116.141 ng

RT: 14.82 min Scan# 2011

Delta R.T. 0.02 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Tgt Ion:165 Resp: 2486630

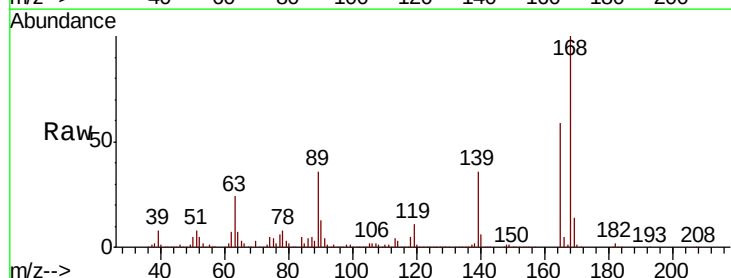
Ion Ratio Lower Upper

165 100

63 39.7 29.6 44.4

89 61.0 49.5 74.3

182 3.2 2.4 3.6



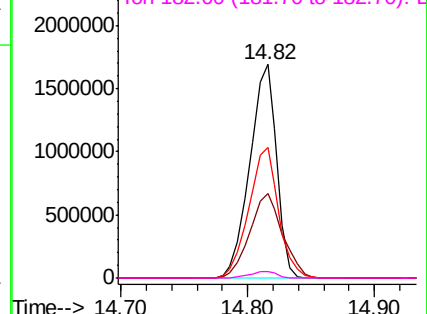
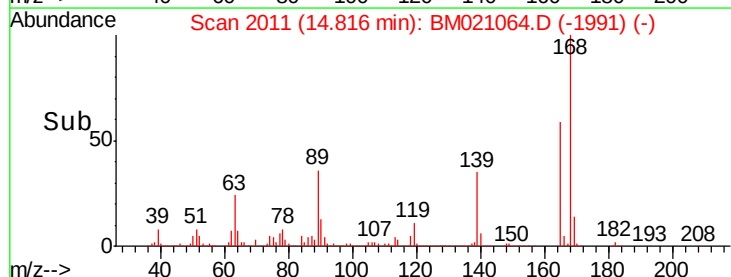
Abundance

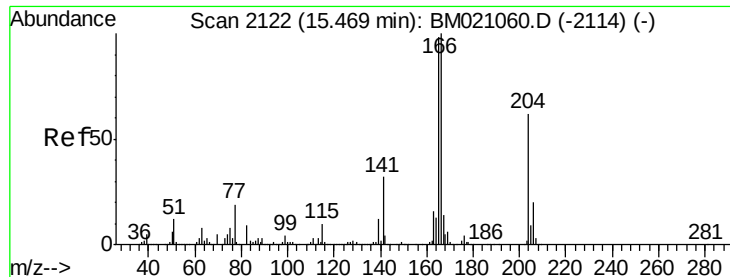
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E

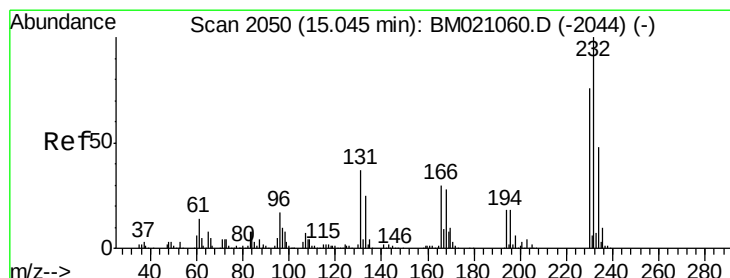
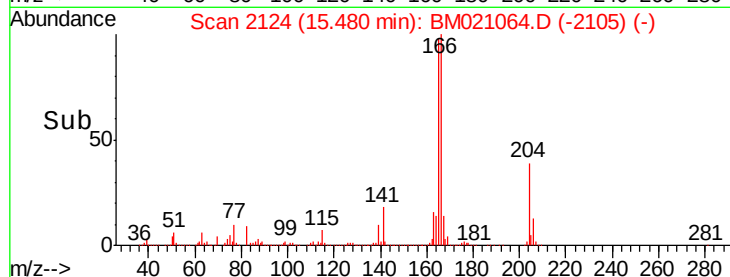
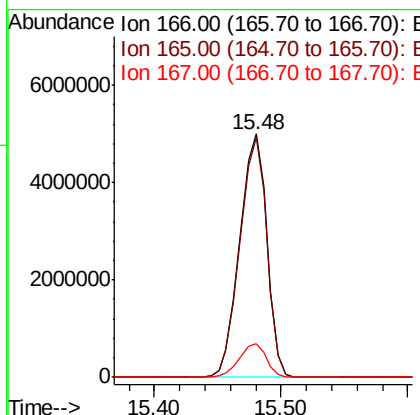
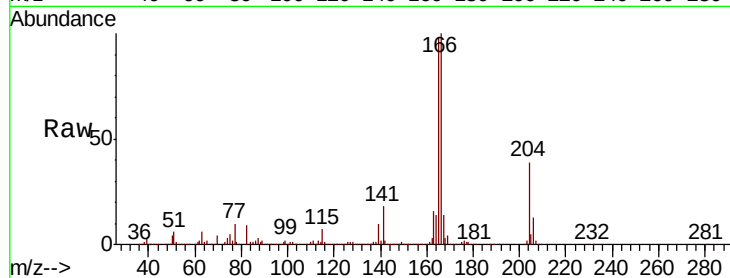




#58
 Fluorene
 Concen: 100.690 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

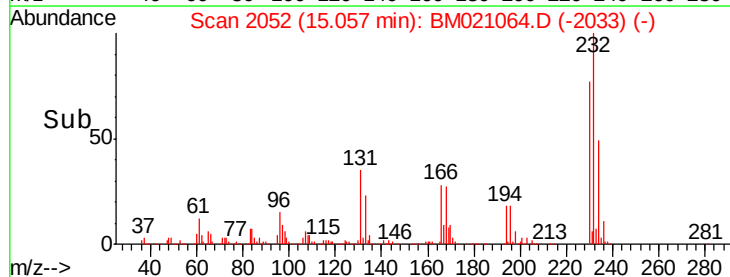
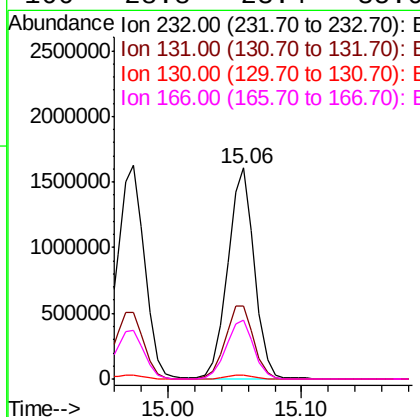
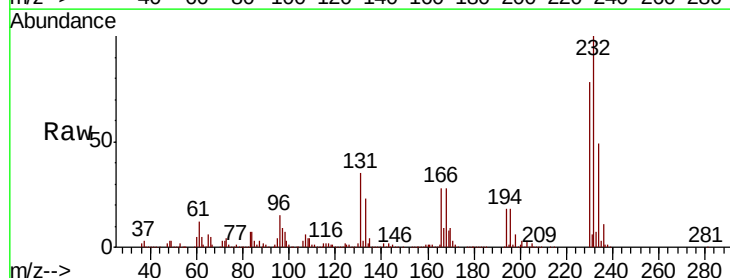
Instrument :
 BNA_M
 ClientSampleId :

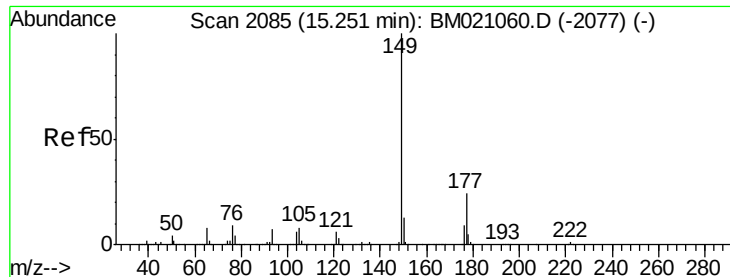
Tot Ion:166 Resp: 7429856
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.6 117.8
 167 13.8 10.9 16.3



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 126.899 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Tgt Ion:232 Resp: 2219683
 Ion Ratio Lower Upper
 232 100
 131 37.0 30.6 46.0
 130 2.0 1.7 2.5
 166 28.8 23.4 35.0





#60

Diethylphthalate

Concen: 94.415 ng

RT: 15.26 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampleId :

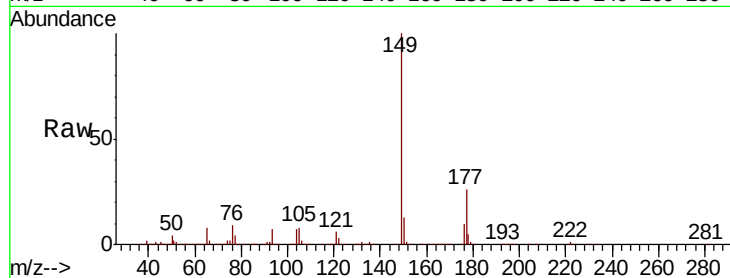
Tot Ion:149 Resp: 7668388

Ion Ratio Lower Upper

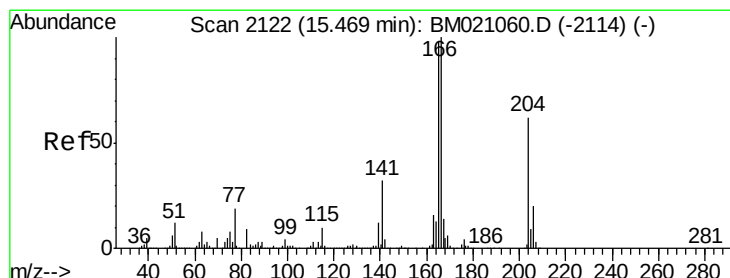
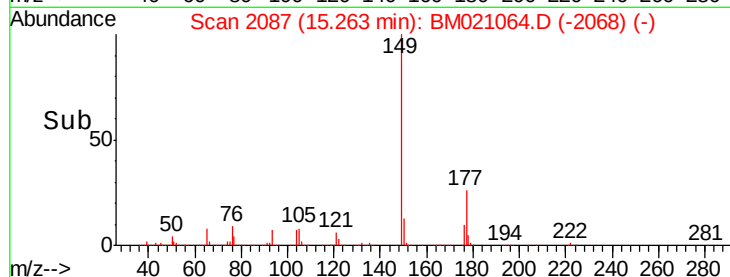
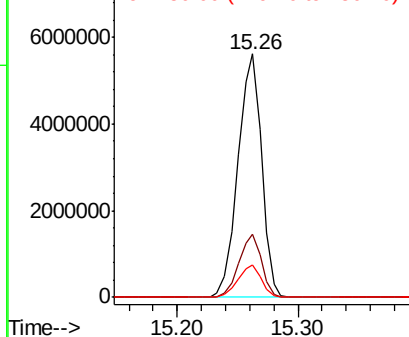
149 100

177 25.9 19.1 28.7

150 13.1 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: 109.458 ng

RT: 15.47 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

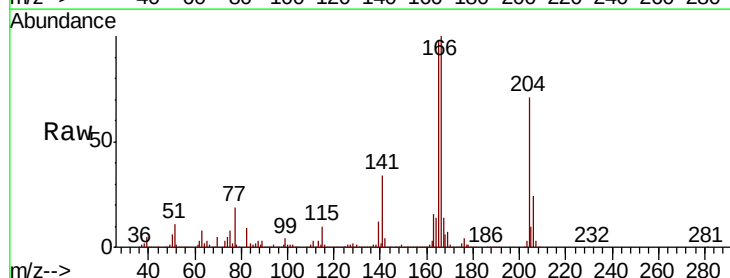
Tgt Ion:204 Resp: 4276491

Ion Ratio Lower Upper

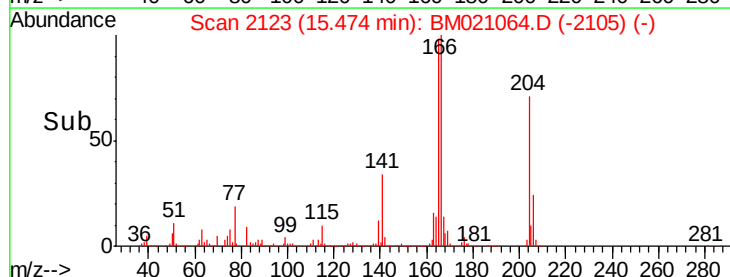
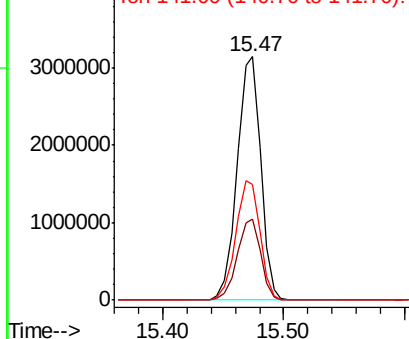
204 100

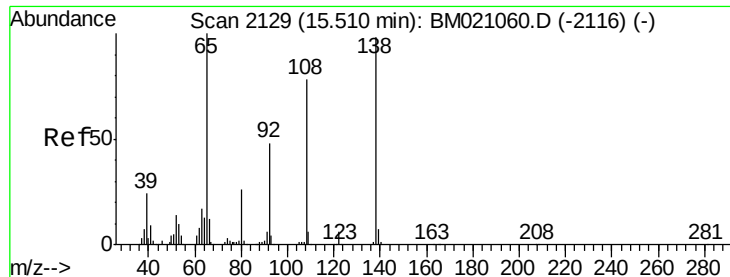
206 33.4 26.1 39.1

141 47.4 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

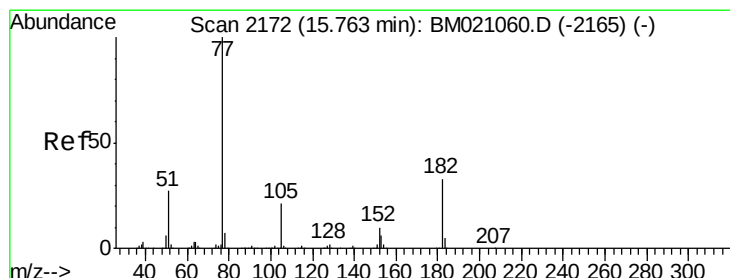
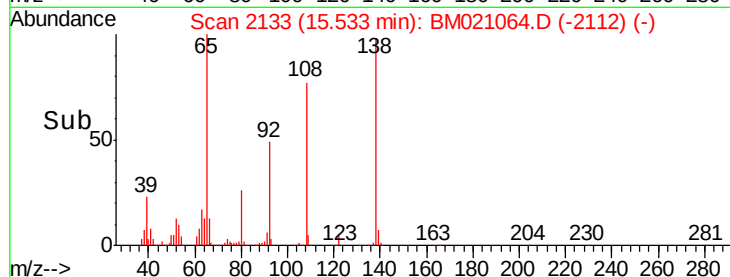
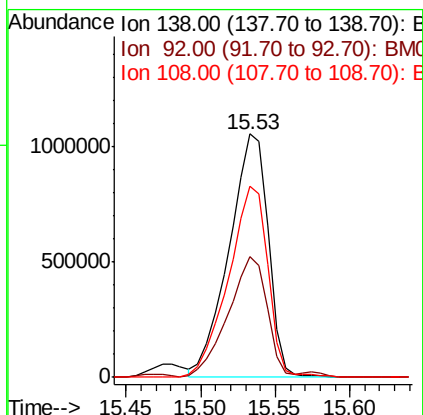
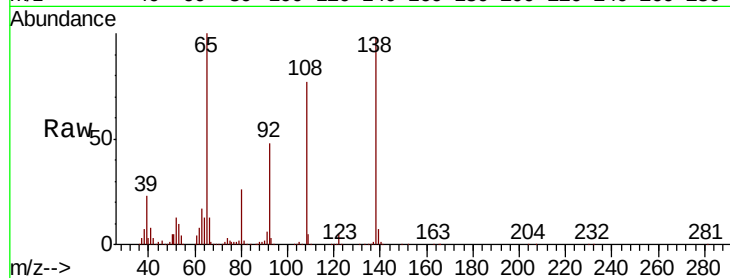




#62
4-Nitroaniline
Concen: 101.274 ng
RT: 15.53 min Scan# 2133
Delta R.T. 0.02 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

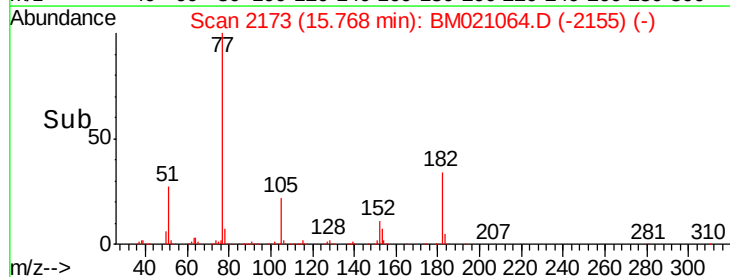
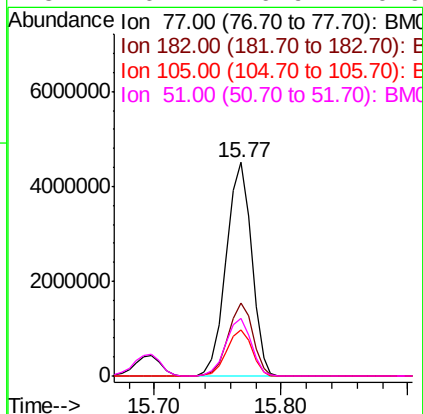
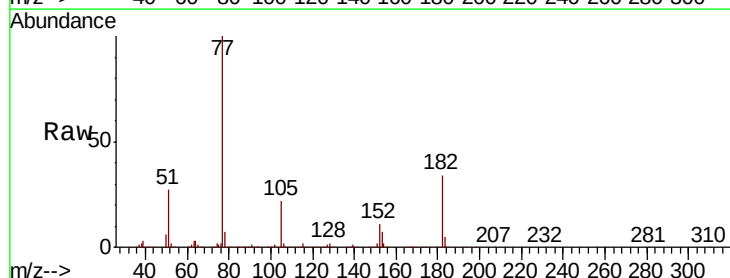
Instrument :
BNA_M
ClientSampled :

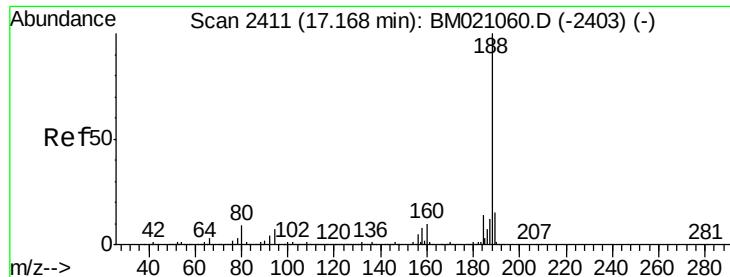
Tot Ion:138 Resp: 1917011
Ion Ratio Lower Upper
138 100
92 49.4 29.1 69.1
108 78.7 59.2 99.2



#63
Azobenzene
Concen: 79.696 ng
RT: 15.77 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion: 77 Resp: 6205633
Ion Ratio Lower Upper
77 100
182 34.3 12.6 52.6
105 21.8 1.1 41.1
51 26.7 6.9 46.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampleId :

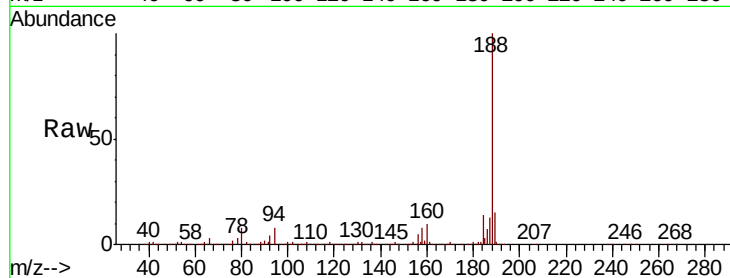
Tot Ion:188 Resp: 2258339

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

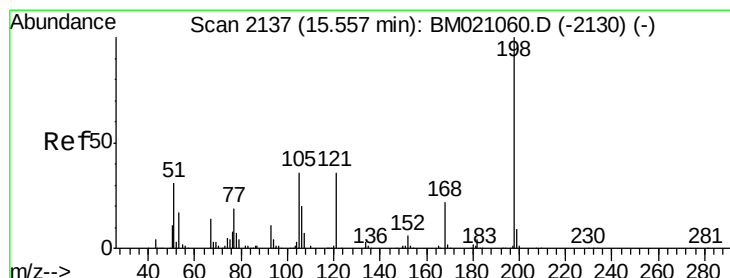
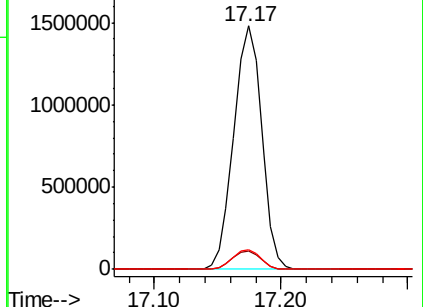
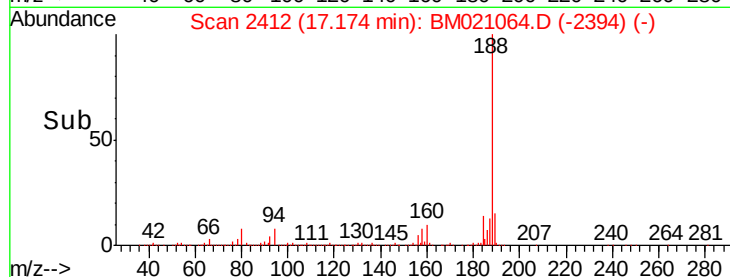
80 8.3 6.9 10.3



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: 164.045 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.02 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

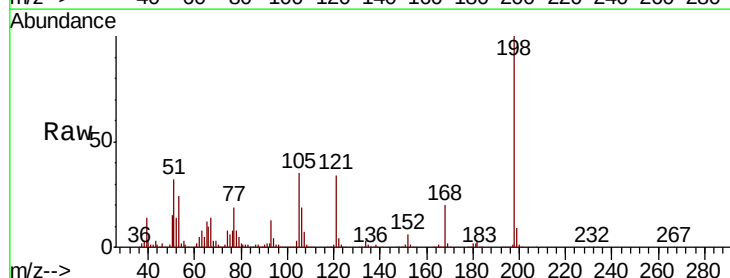
Tgt Ion:198 Resp: 1530950

Ion Ratio Lower Upper

198 100

51 32.1 15.3 55.3

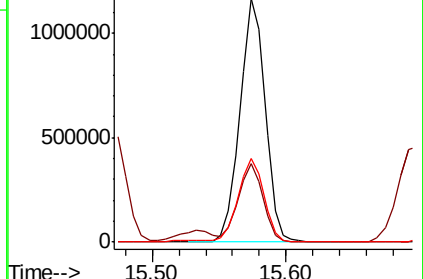
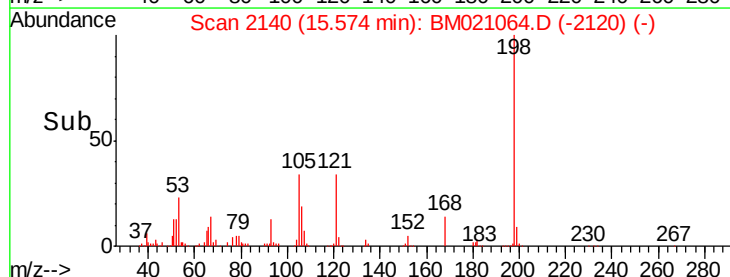
105 34.5 16.8 56.8

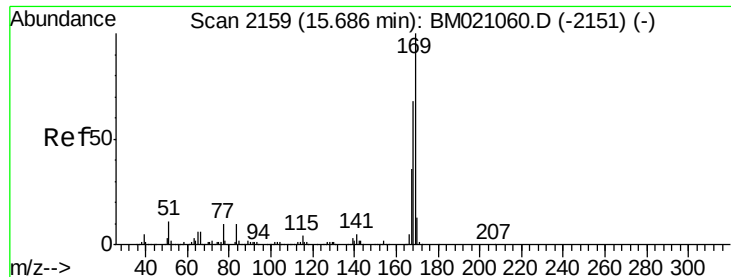


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 91.240 ng

RT: 15.70 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

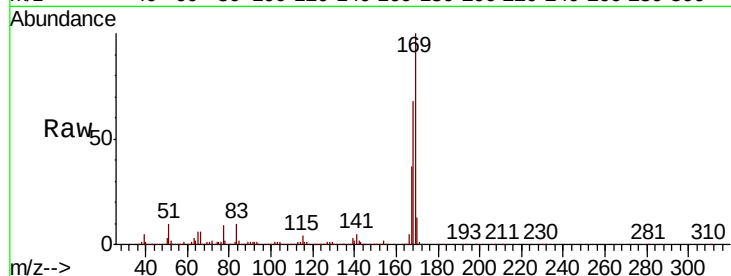
Instrument :

BNA_M

ClientSampleId :

Tot Ion:169 Resp: 6596157

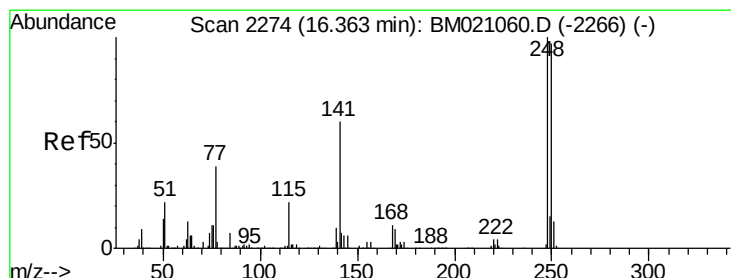
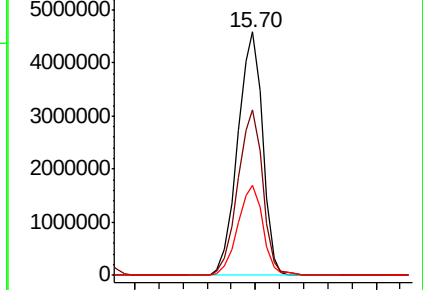
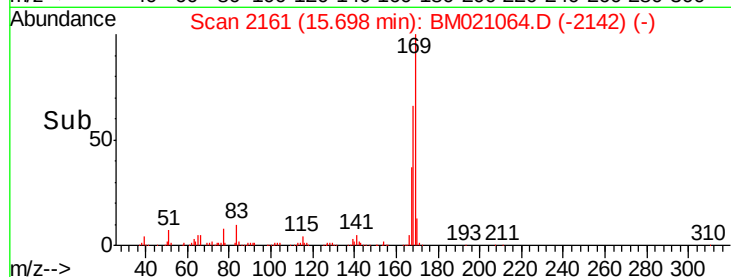
Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.5	81.7
167	37.0	29.0	43.6



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: 109.375 ng

RT: 16.37 min Scan# 2275

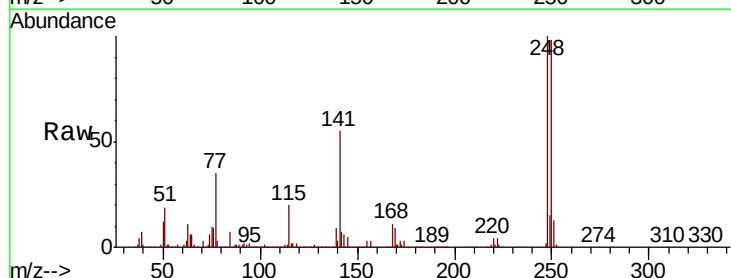
Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Tgt Ion:248 Resp: 2908252

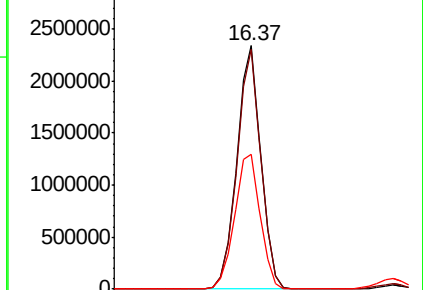
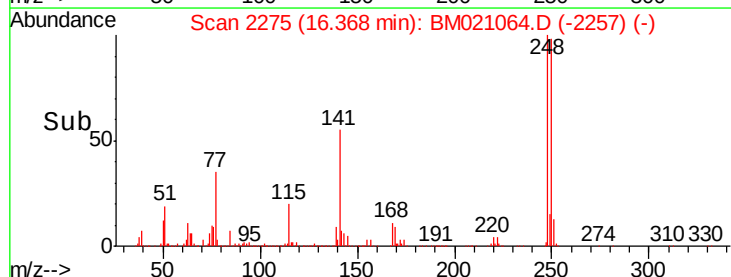
Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.5	116.3
141	55.2	47.8	71.6

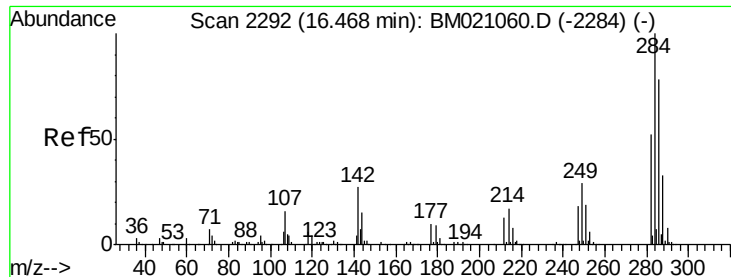


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 110.690 ng

RT: 16.47 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampleId :

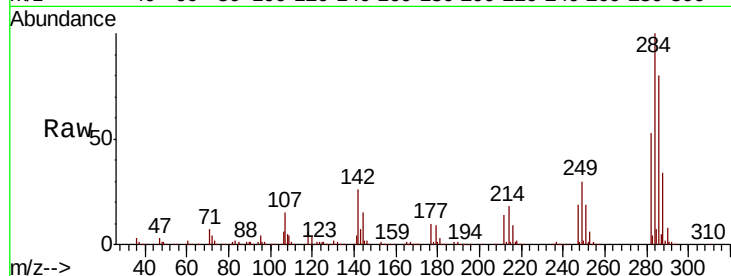
Tot Ion:284 Resp: 3436816

Ion Ratio Lower Upper

284 100

142 25.7 21.2 31.8

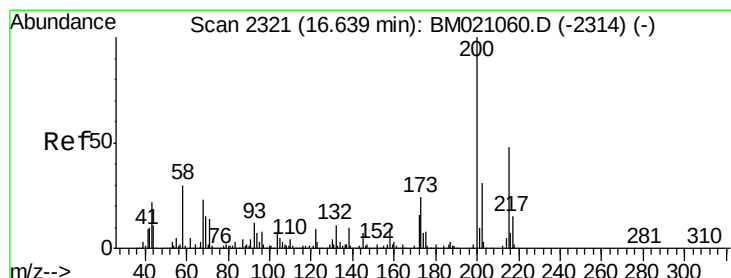
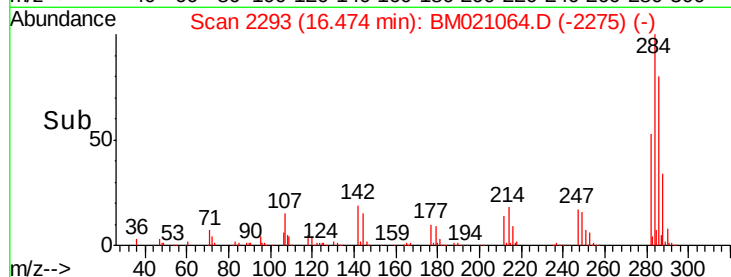
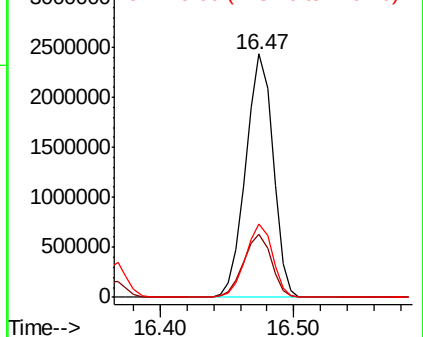
249 30.2 23.4 35.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 75.976 ng

RT: 16.65 min Scan# 2323

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

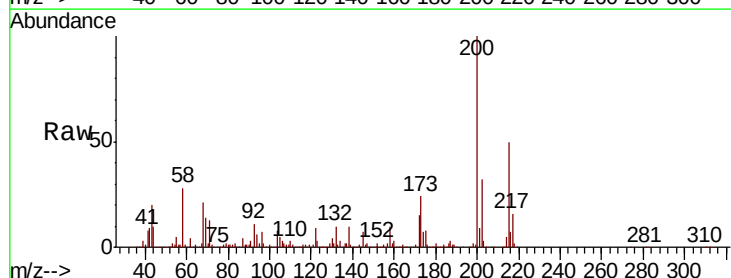
Tgt Ion:200 Resp: 1639311

Ion Ratio Lower Upper

200 100

173 24.4 4.3 44.3

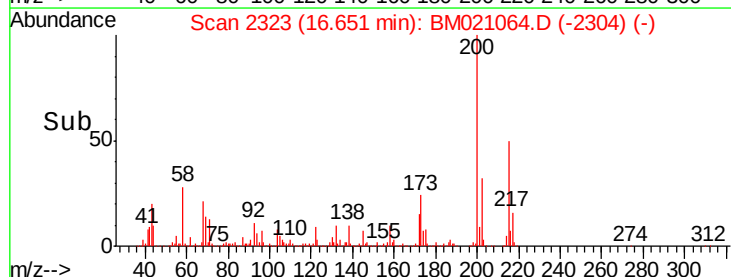
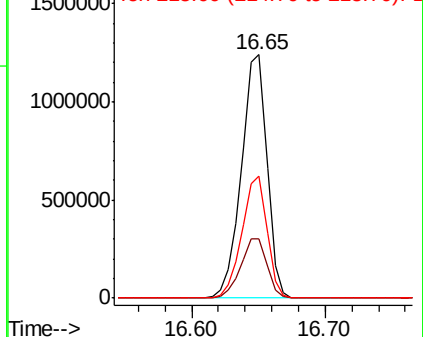
215 49.9 28.2 68.2

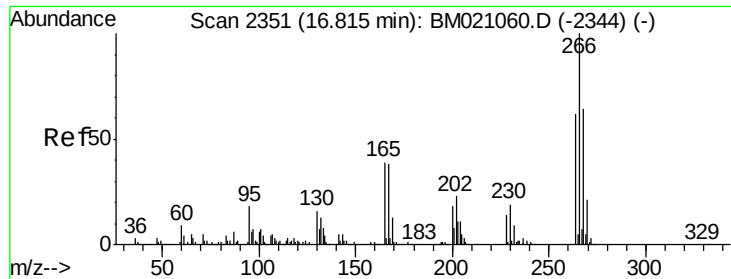


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

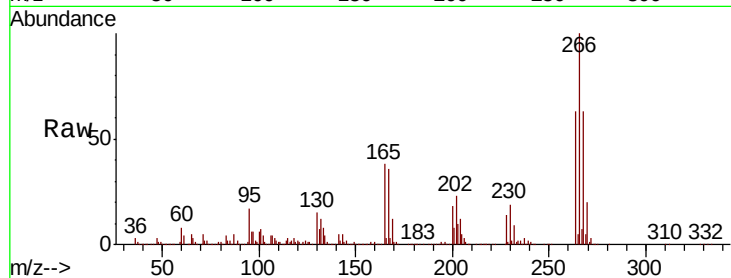




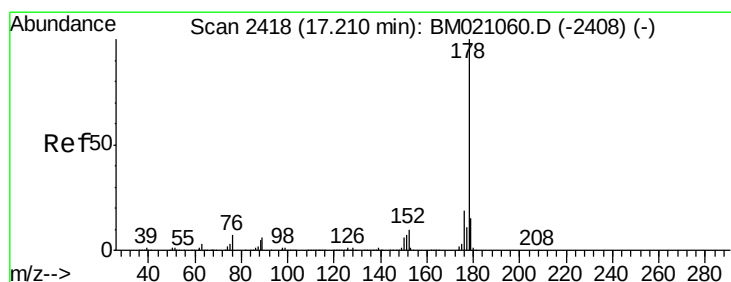
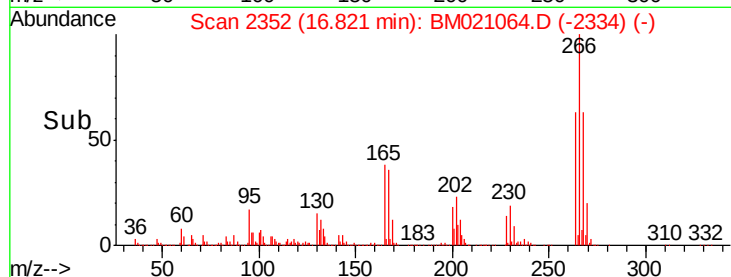
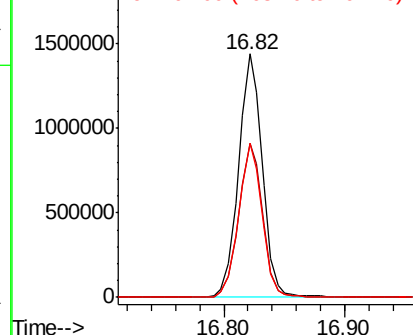
#70
 Pentachlorophenol
 Concen: 133.518 ng
 RT: 16.82 min Scan# 2352
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 1977703
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.0 76.4
 264 63.3 49.9 74.9

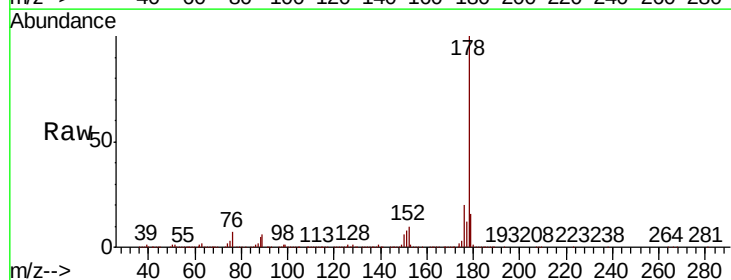


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

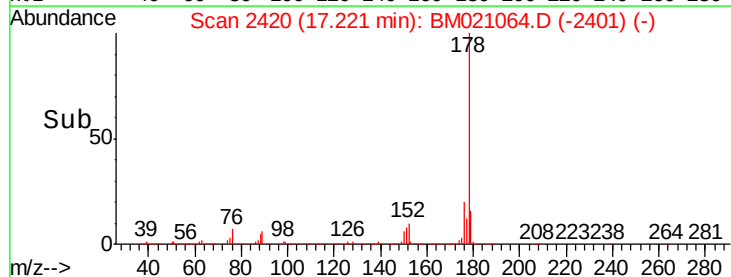
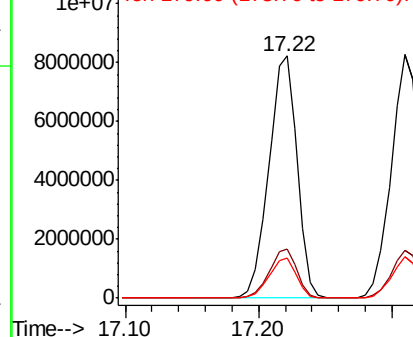


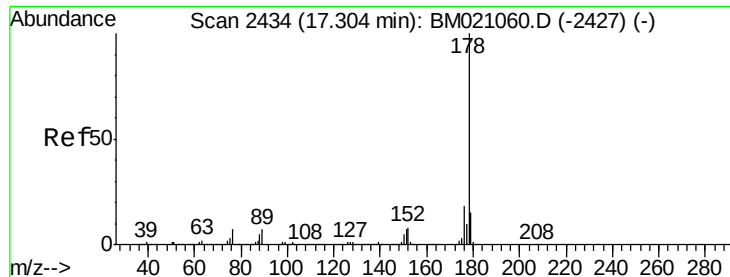
#71
 Phenanthrene
 Concen: 94.166 ng
 RT: 17.22 min Scan# 2420
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Tgt Ion:178 Resp:12054228
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.2 22.8
 179 16.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 93.548 ng

RT: 17.31 min Scan# 2435

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampleId :

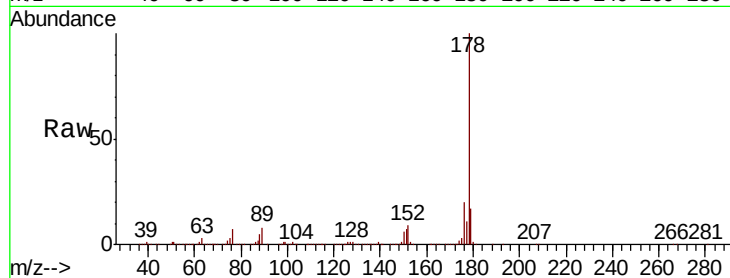
Tot Ion:178 Resp:11985548

Ion Ratio Lower Upper

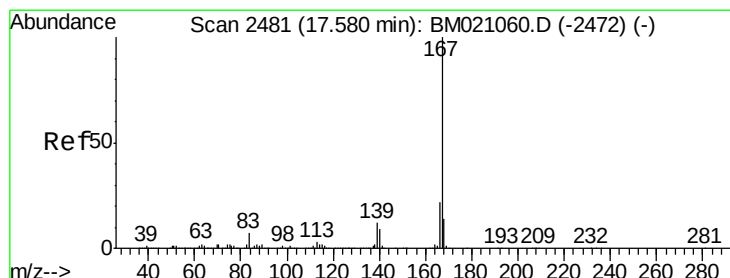
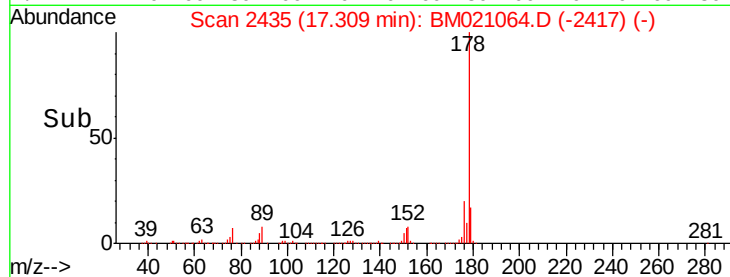
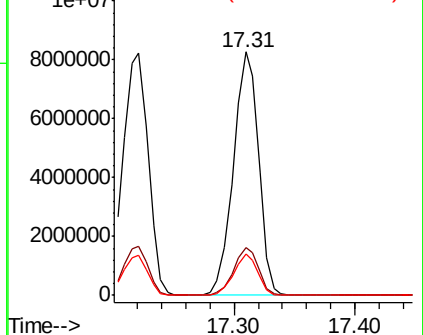
178 100

176 19.8 14.7 22.1

179 16.7 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 94.835 ng

RT: 17.59 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

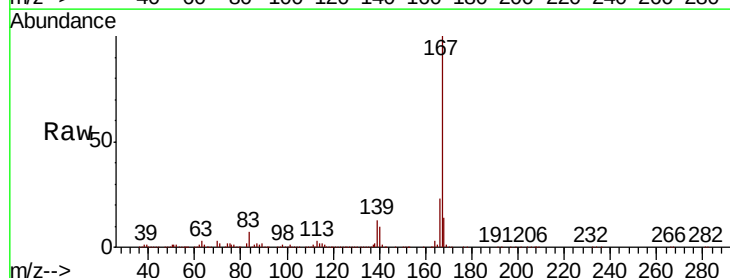
Tgt Ion:167 Resp:11026126

Ion Ratio Lower Upper

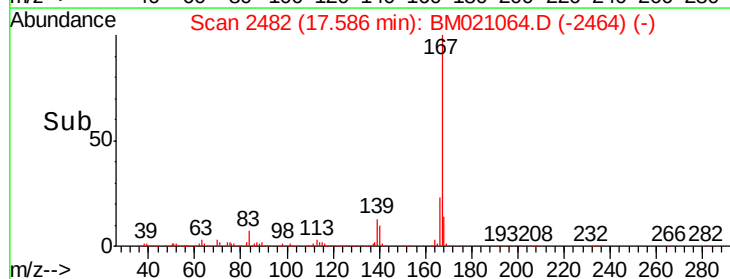
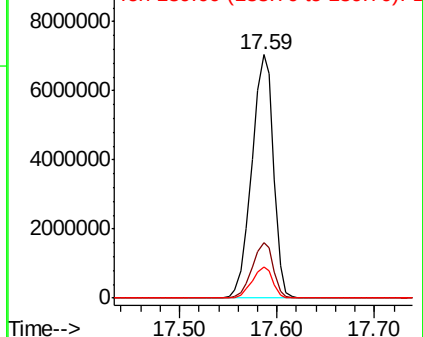
167 100

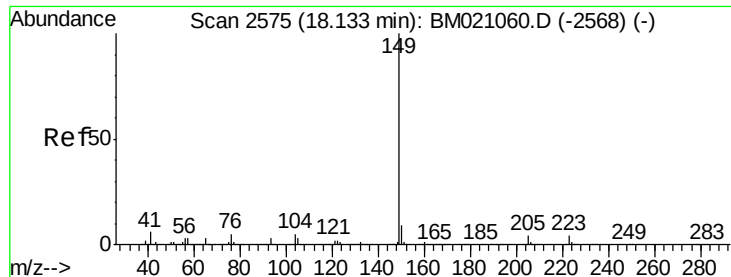
166 22.9 17.4 26.2

139 12.6 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

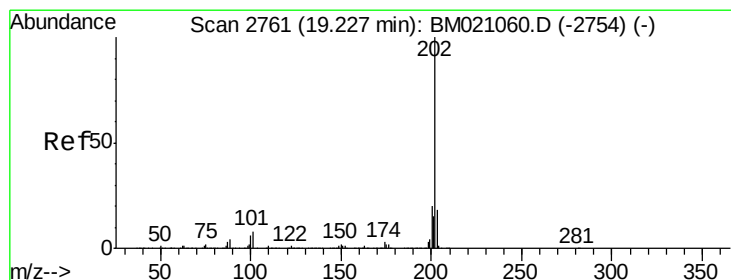
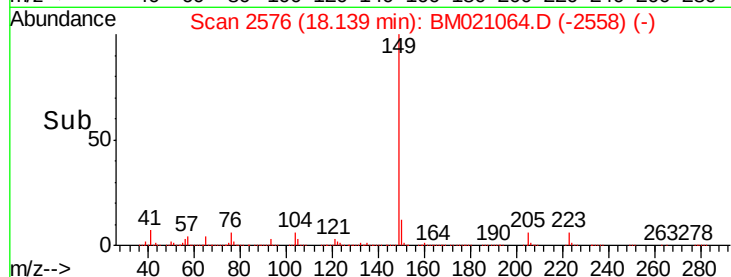
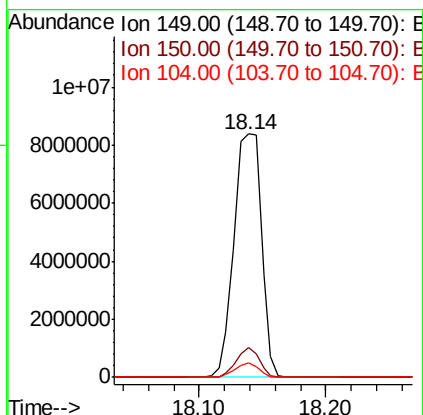
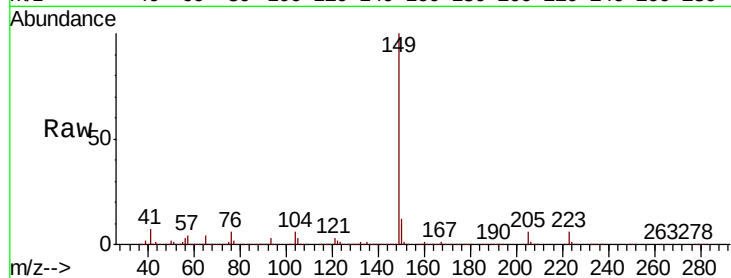




#74
Di-n-butylphthalate
Concen: 83.175 ng
RT: 18.14 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

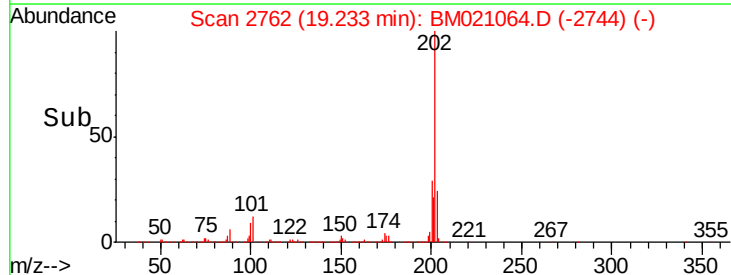
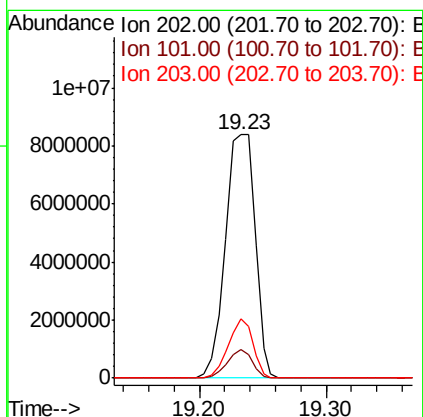
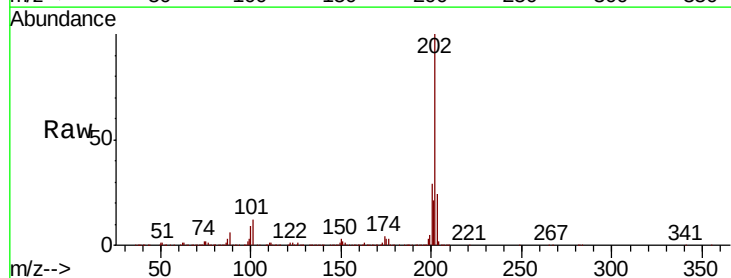
Instrument :
BNA_M
ClientSampled :

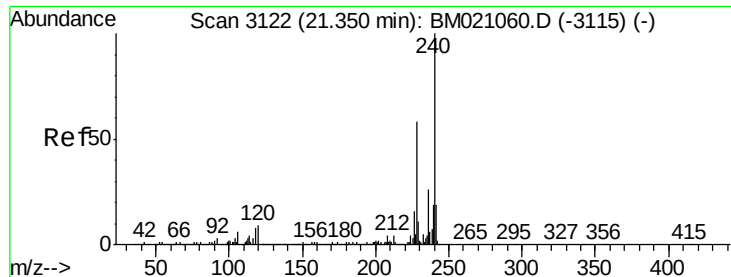
Tot Ion:149 Resp:12553479
Ion Ratio Lower Upper
149 100
150 12.3 7.4 11.0#
104 6.1 3.8 5.8#



#75
Fluoranthene
Concen: 95.368 ng
RT: 19.23 min Scan# 2762
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion:202 Resp:13576272
Ion Ratio Lower Upper
202 100
101 11.8 0.0 28.2
203 24.5 0.0 37.6

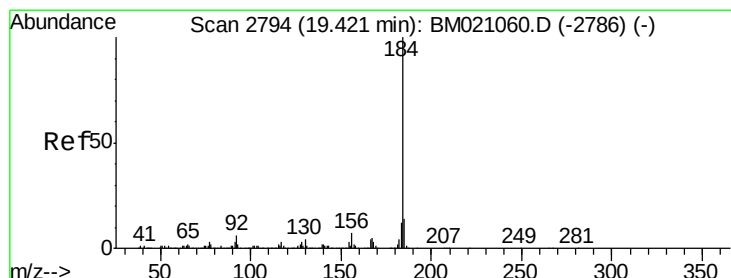
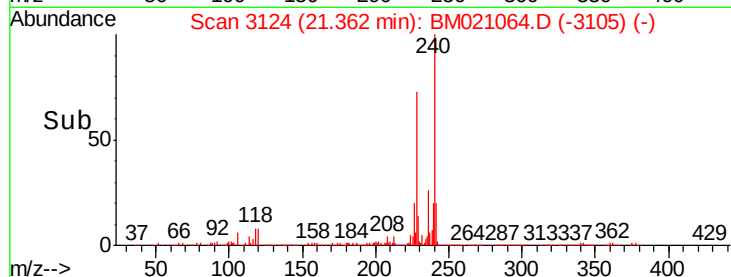
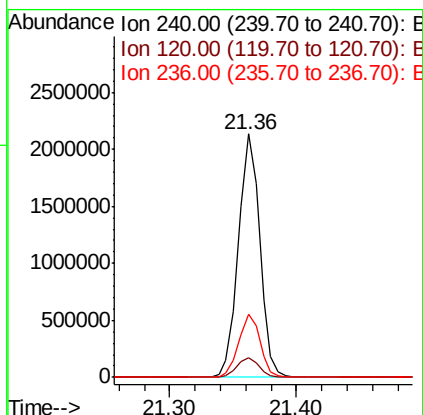
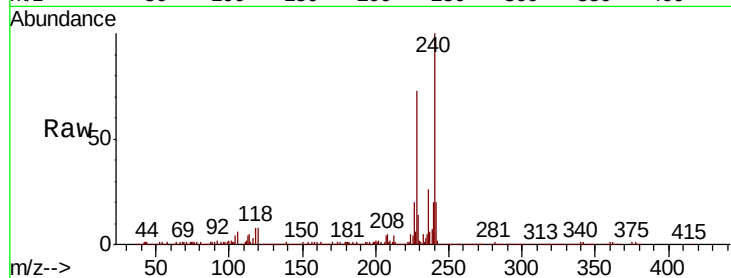




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

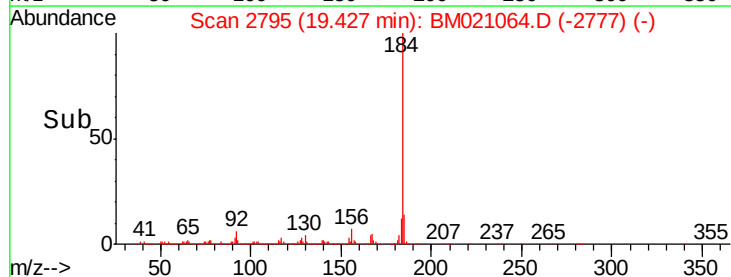
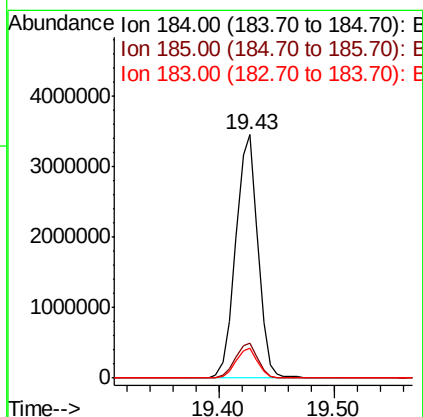
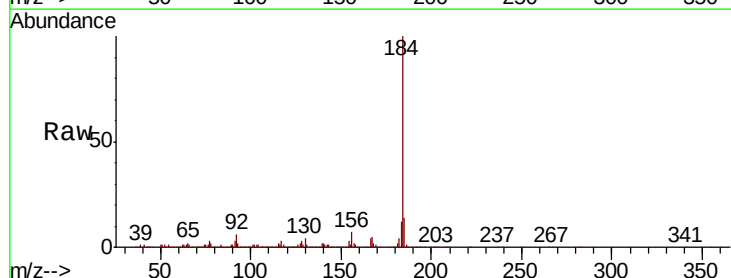
Instrument :
BNA_M
ClientSampled :

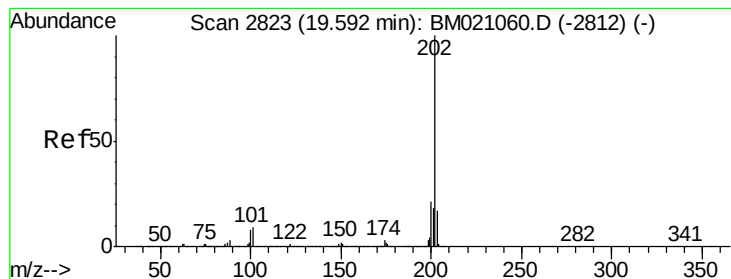
Tot Ion:240 Resp: 2482375
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.9 20.4 30.6



#77
Benzidine
Concen: 61.048 ng
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion:184 Resp: 4591897
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 12.3 9.6 14.4





#78

Pvrene

Concen: 72.988 ng

RT: 19.60 min Scan# 2824

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Instrument :

BNA_M

ClientSampled :

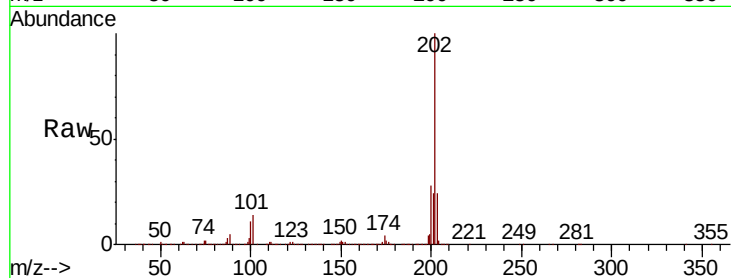
Tot Ion:202 Resp:13903867

Ion Ratio Lower Upper

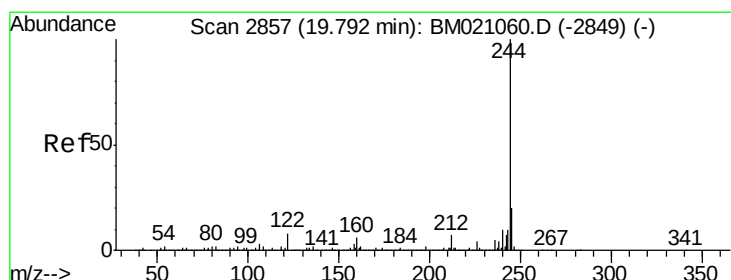
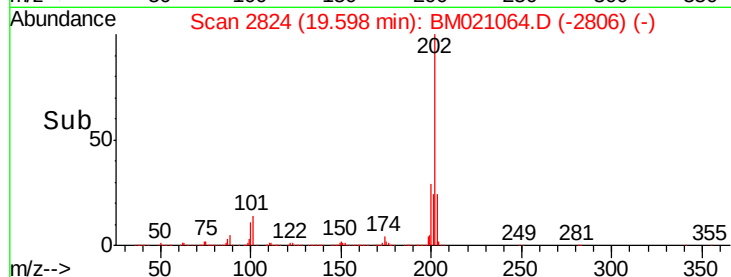
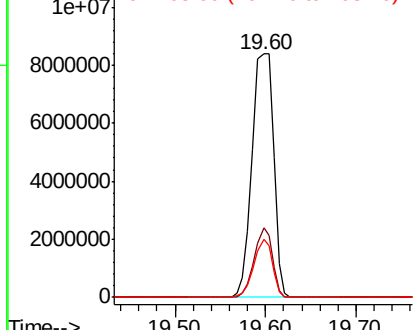
202 100

200 28.5 17.0 25.4#

203 23.9 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: 108.493 ng

RT: 19.80 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

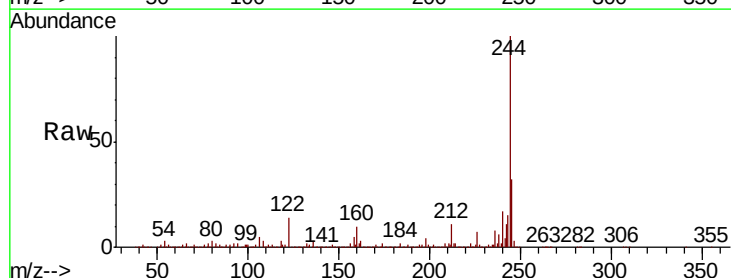
Tgt Ion:244 Resp:16101401

Ion Ratio Lower Upper

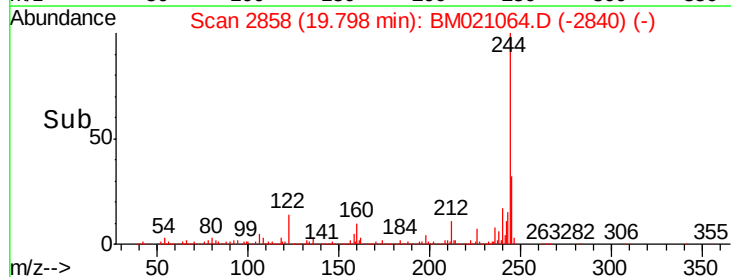
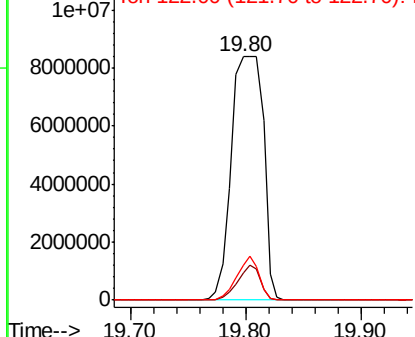
244 100

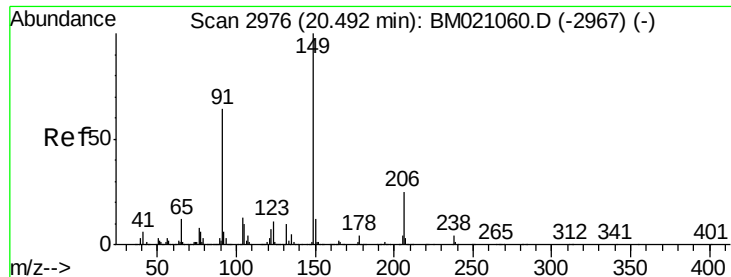
212 11.3 5.3 7.9#

122 14.3 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

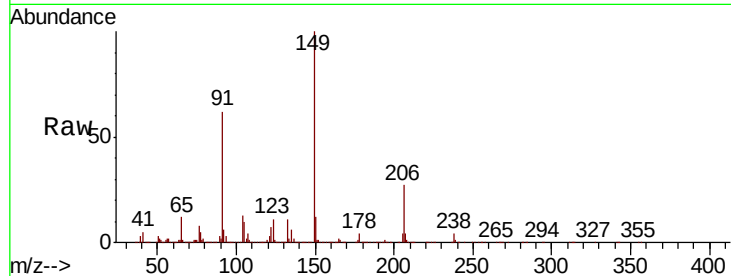




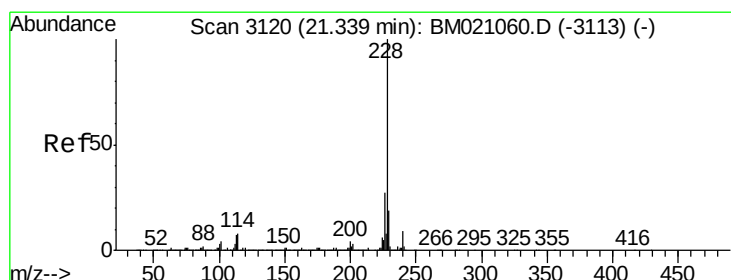
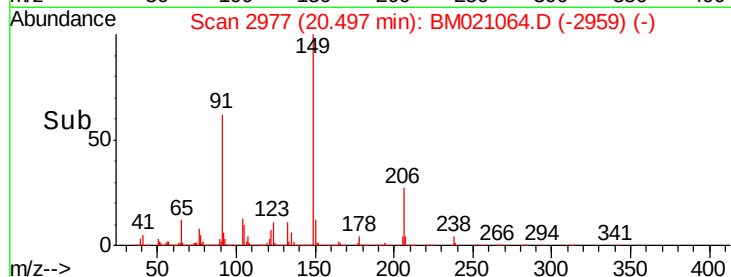
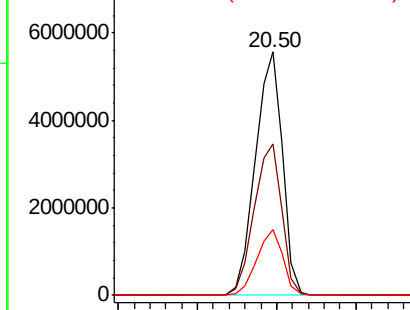
#80
Butylbenzylphthalate
Concen: 82.517 ng
RT: 20.50 min Scan# 2977
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 6642861
Ion Ratio Lower Upper
149 100
91 62.0 50.9 76.3
206 26.9 19.7 29.5

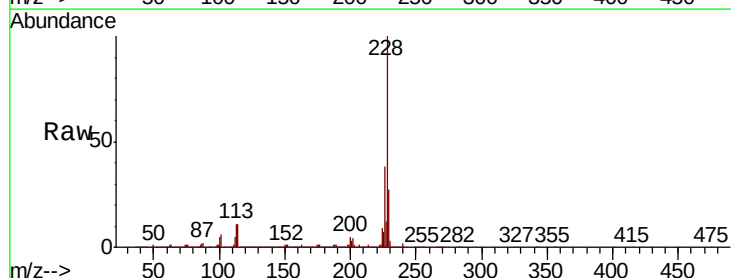


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

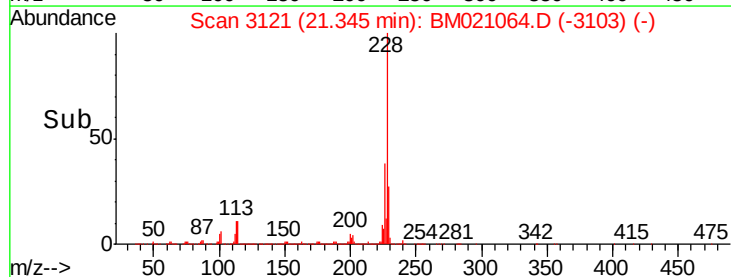
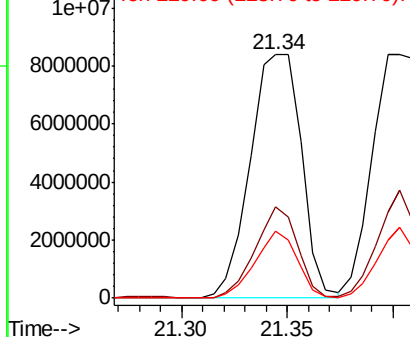


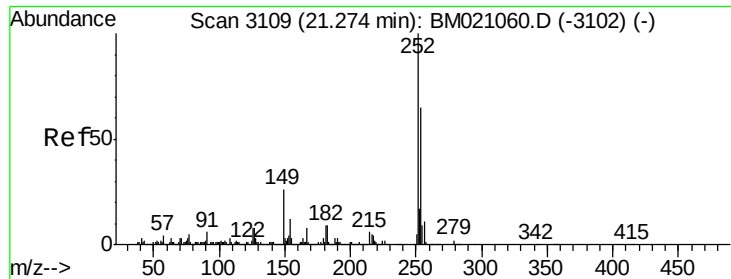
#81
Benzo(a)anthracene
Concen: 81.959 ng
RT: 21.34 min Scan# 3121
Delta R.T. 0.01 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion:228 Resp:14168215
Ion Ratio Lower Upper
228 100
226 37.6 21.6 32.4#
229 27.4 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

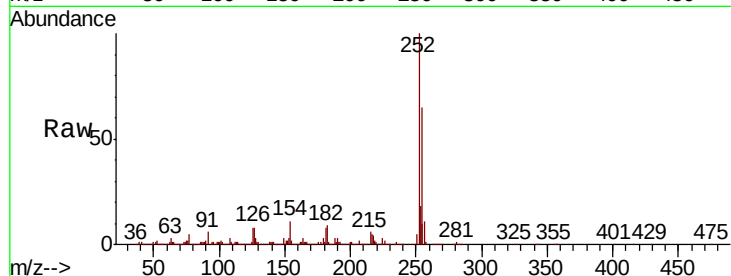




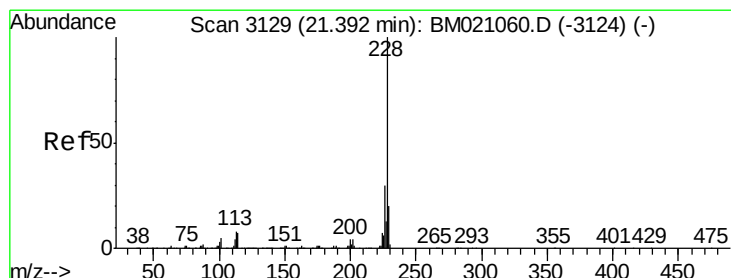
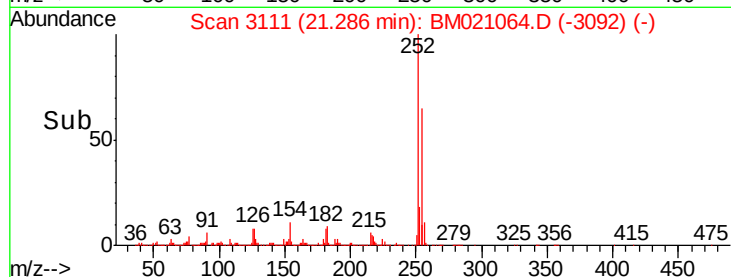
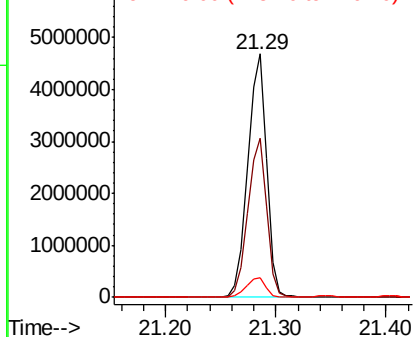
#82
 3,3'-Dichlorobenzidine
 Concen: 88.997 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 5633748
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.7 77.5
 126 7.9 6.6 9.8

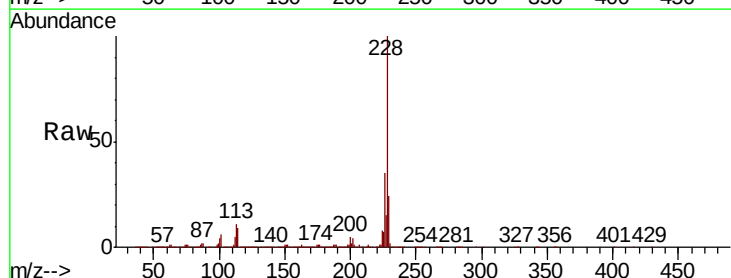


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

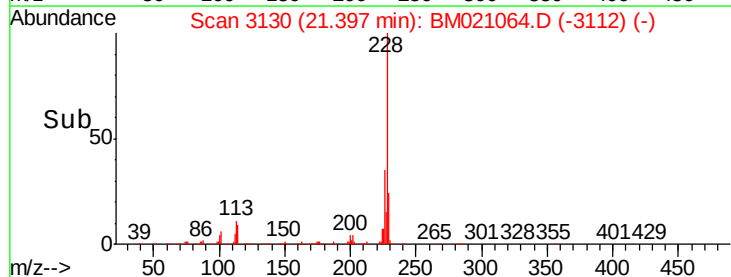
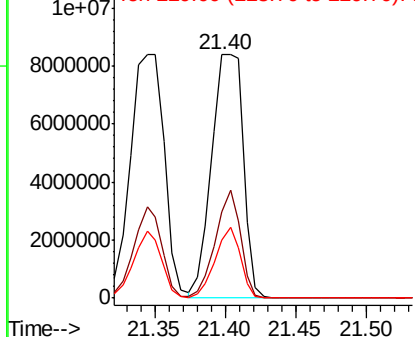


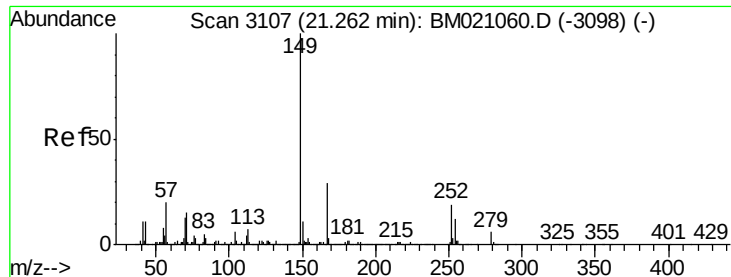
#83
 Chrysene
 Concen: 79.479 ng
 RT: 21.40 min Scan# 3130
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Tgt Ion:228 Resp:13060250
 Ion Ratio Lower Upper
 228 100
 226 35.3 24.1 36.1
 229 23.6 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: 80.550 ng

RT: 21.27 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

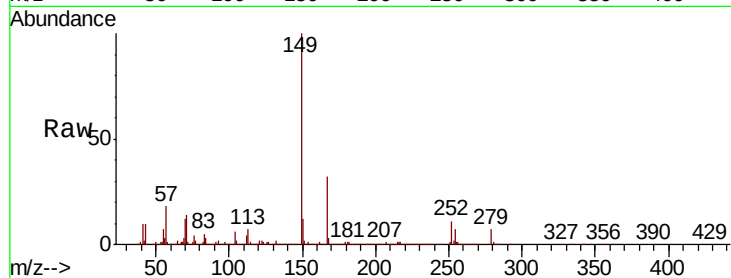
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 9424408

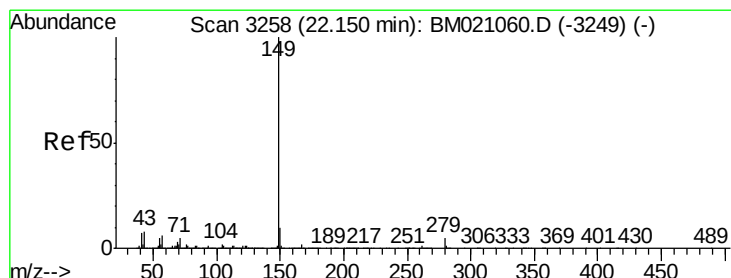
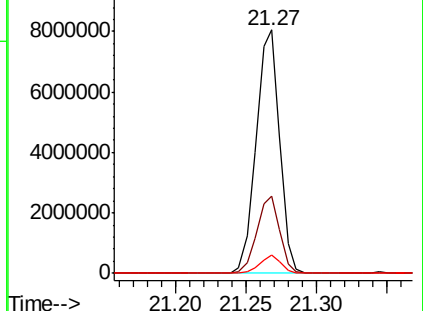
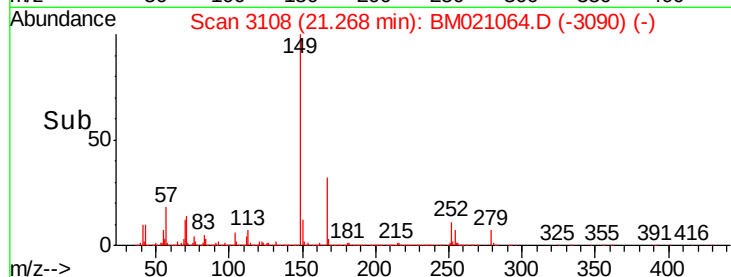
Ion	Ratio	Lower	Upper
149	100		
167	31.8	23.0	34.4
279	7.3	4.6	7.0#



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: 72.839 ng

RT: 22.16 min Scan# 3259

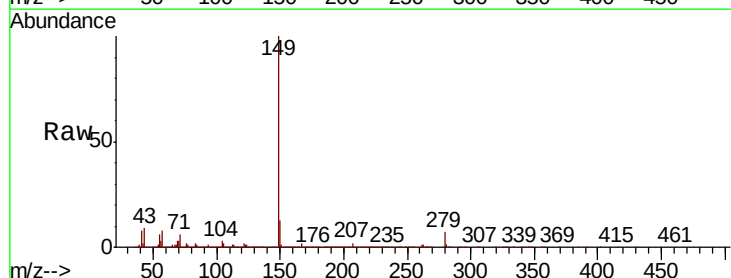
Delta R.T. 0.01 min

Lab File: BM021064.D

Acq: 20 Jun 2019 13:49

Tgt Ion:149 Resp:13530212

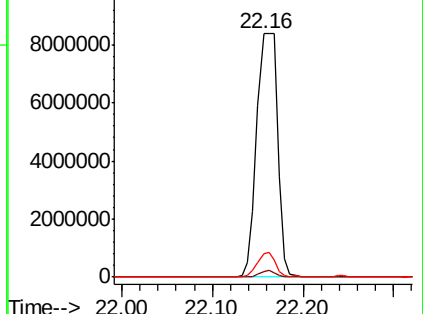
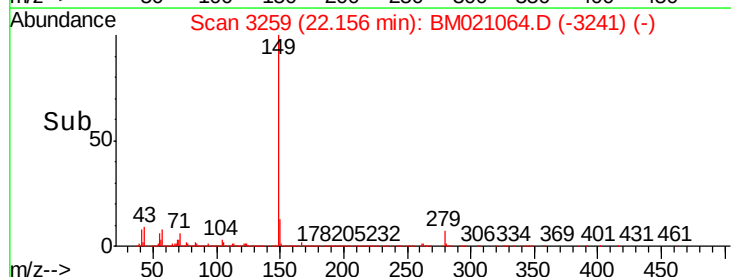
Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.3	1.9#
43	8.9	6.2	9.2

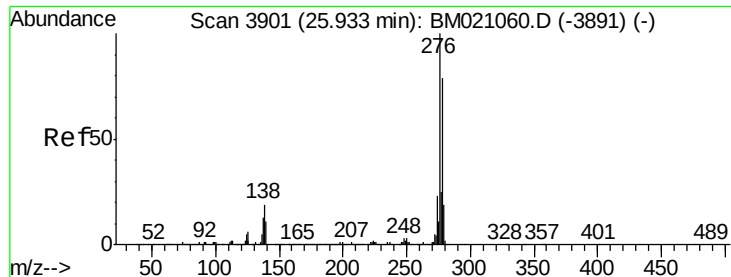


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

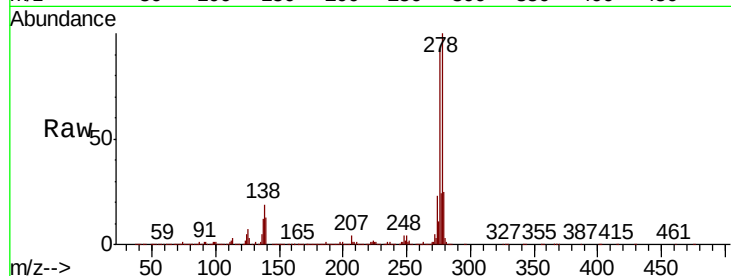




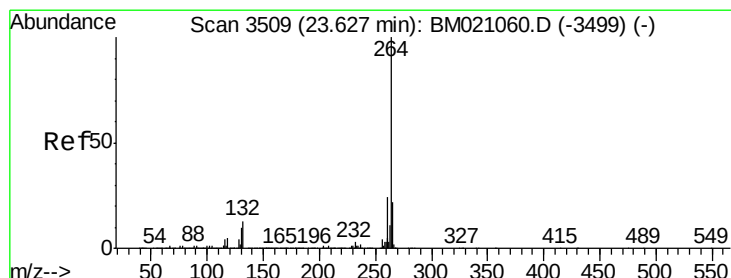
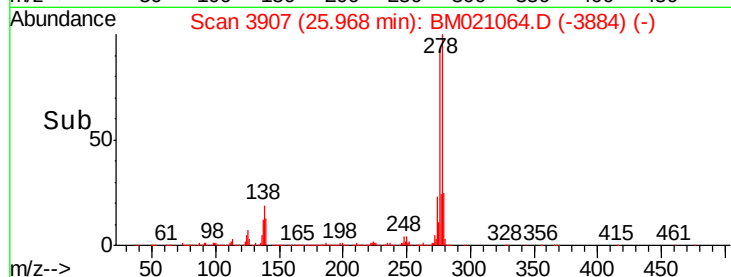
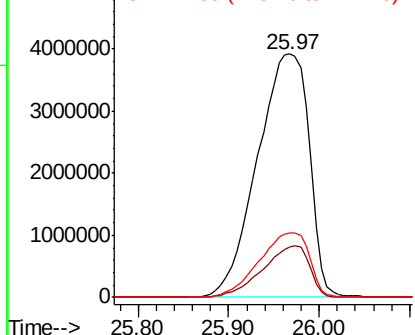
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 92.678 ng
 RT: 25.97 min Scan# 3907
 Delta R.T. 0.04 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp:15580140
 Ion Ratio Lower Upper
 276 100
 138 19.2 15.4 23.0
 277 25.7 20.4 30.6

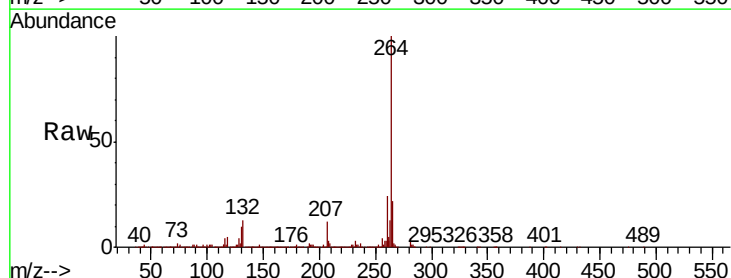


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

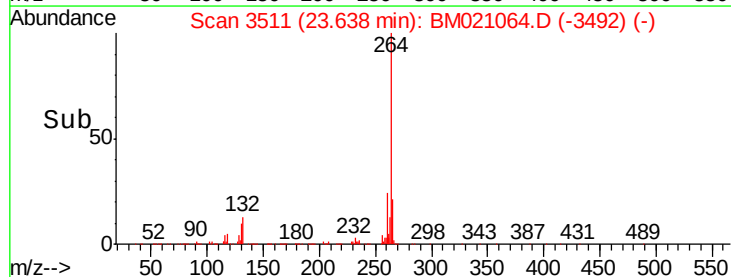
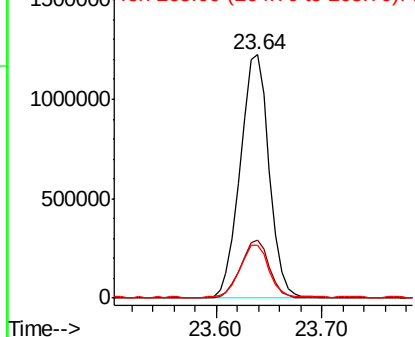


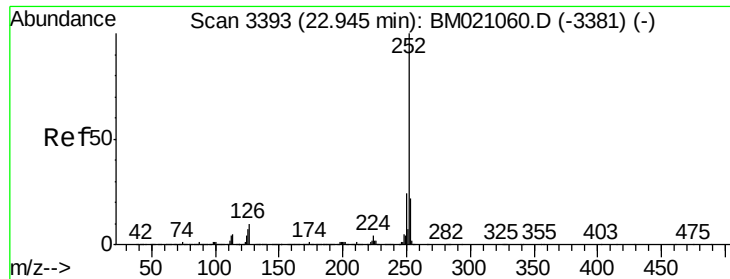
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3511
 Delta R.T. 0.01 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Tgt Ion:264 Resp: 2330930
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.9 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

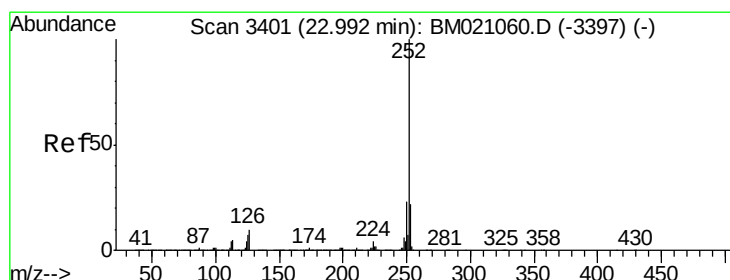
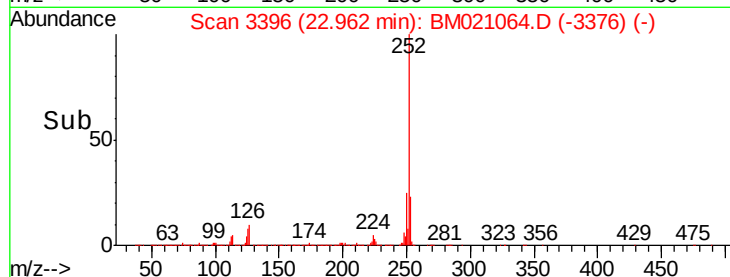
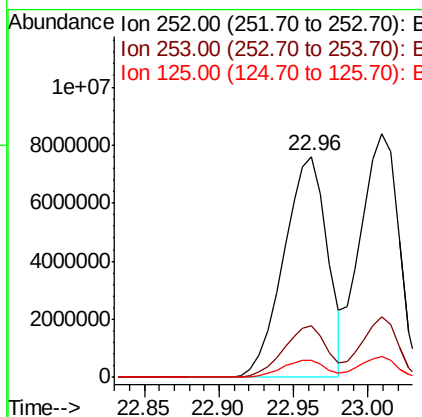
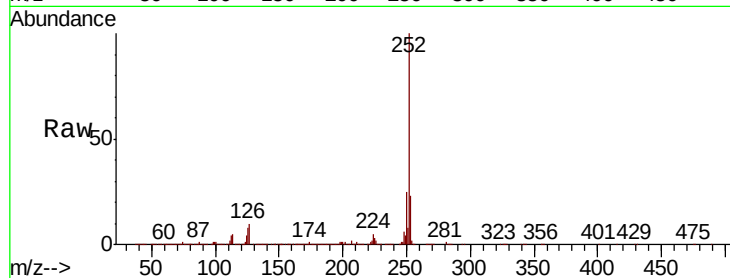




#88
Benzo(b)fluoranthene
Concen: 100.009 ng
RT: 22.96 min Scan# 3396
Delta R.T. 0.02 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

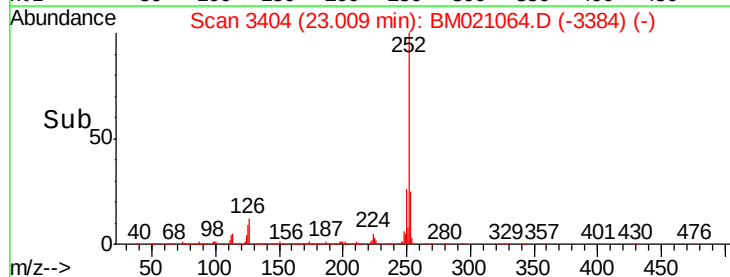
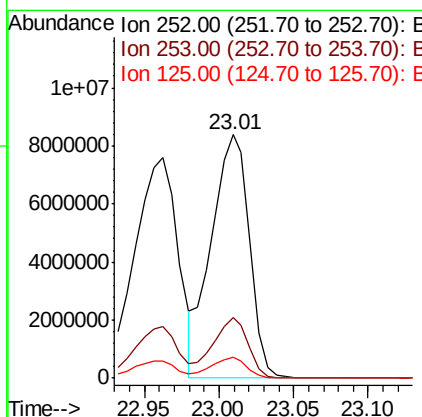
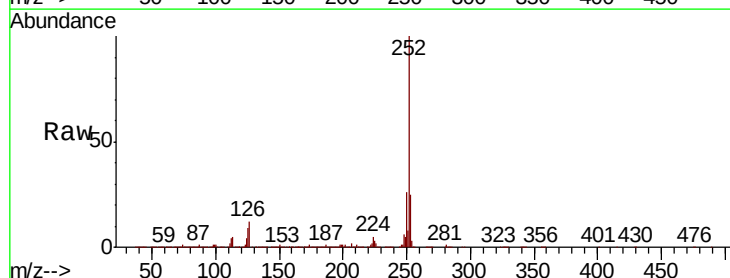
Instrument :
BNA_M
ClientSampled :

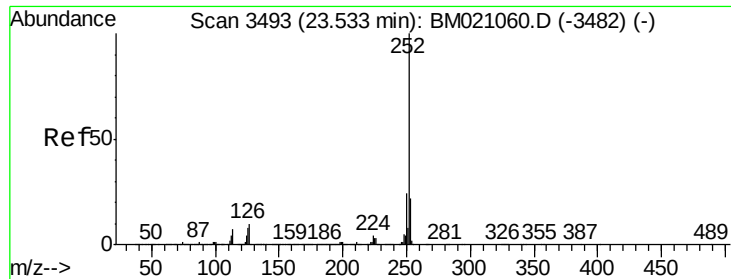
Tot Ion:252 Resp:15407630
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 7.7 5.9 8.9



#89
Benzo(k)fluoranthene
Concen: 98.658 ng
RT: 23.01 min Scan# 3404
Delta R.T. 0.02 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion:252 Resp:14853571
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 8.5 5.9 8.9

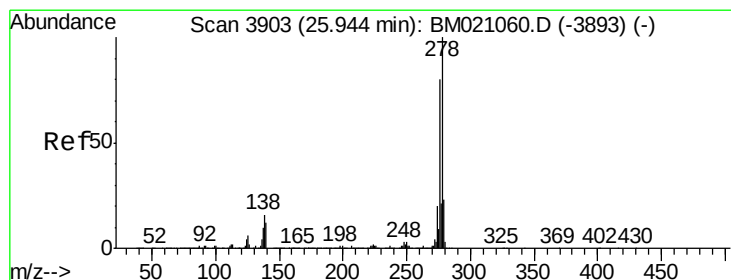
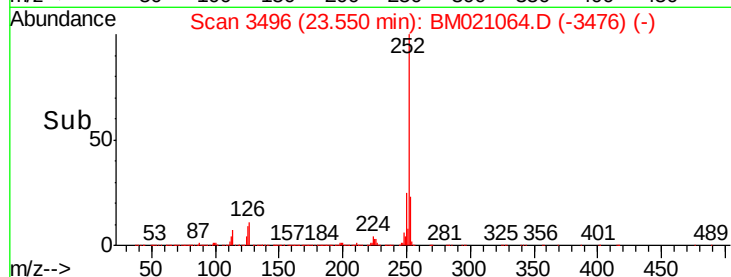
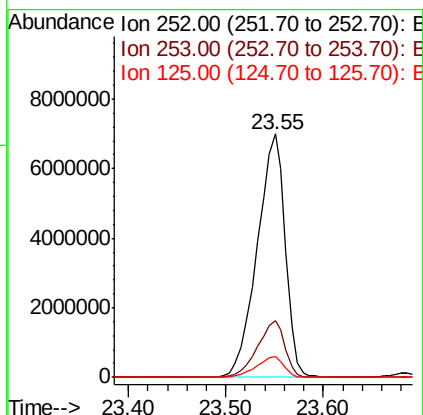
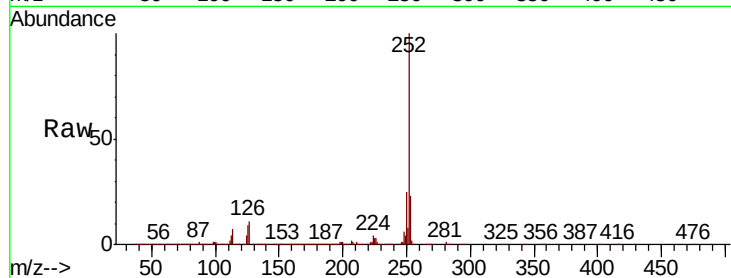




#90
Benzo(a)pyrene
Concen: 100.672 ng
RT: 23.55 min Scan# 3496
Delta R.T. 0.02 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

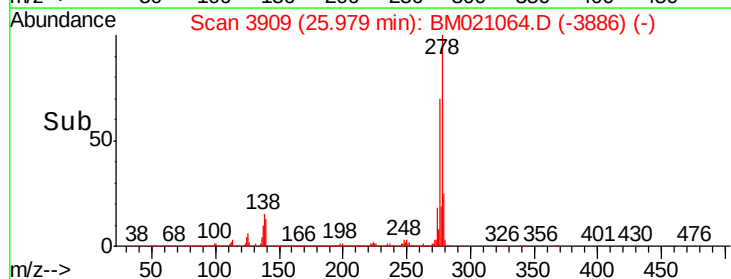
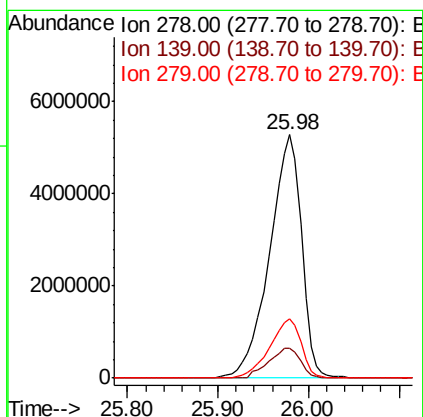
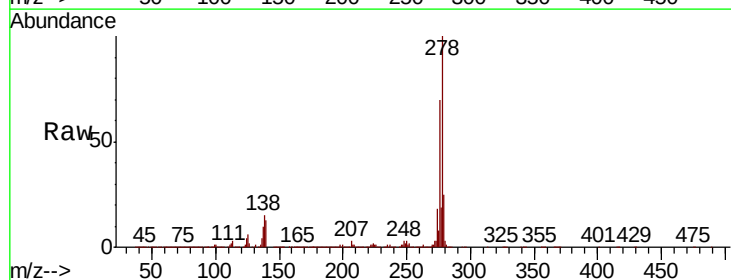
Instrument :
BNA_M
ClientSampleId :

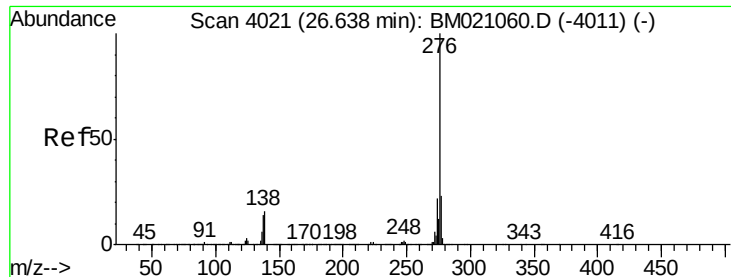
Tot Ion:252 Resp:14067889
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 8.6 6.6 10.0



#91
Dibenzo(a,h)anthracene
Concen: 95.663 ng
RT: 25.98 min Scan# 3909
Delta R.T. 0.04 min
Lab File: BM021064.D
Acq: 20 Jun 2019 13:49

Tgt Ion:278 Resp:12969305
Ion Ratio Lower Upper
278 100
139 12.5 9.8 14.8
279 24.6 18.7 28.1

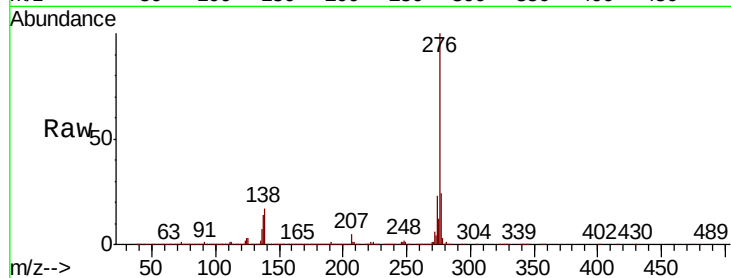




#92
 Benzo(a,h,i)perylene
 Concen: 95.022 ng
 RT: 26.67 min Scan# 4027
 Delta R.T. 0.04 min
 Lab File: BM021064.D
 Acq: 20 Jun 2019 13:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp:11965744
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.8 28.2
 138 16.8 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

