

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024601.D
 Acq On : 23 Jan 2020 11:10
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 23 12:48:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 12:41:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	210776	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	895980	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	627069	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1466585	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1568430	20.00	ng	0.00
87) Perylene-d12	23.16	264	1779174	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	459132	38.81	ng	0.00
7) Phenol-d6	6.64	99	620837	39.47	ng	0.00
23) Nitrobenzene-d5	8.58	82	730241	39.35	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	400934	46.49	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	1853385	39.57	ng	0.00
79) Terphenyl-d14	19.50	244	3521492	47.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	93249	18.362	ng	98
3) Pyridine	3.45	79	278121	18.928	ng	98
4) n-Nitrosodimethylamine	3.37	42	117547	14.995	ng	99
6) Aniline	6.78	93	384572	19.583	ng	100
8) 2-Chlorophenol	7.02	128	260691	19.644	ng	97
9) Benzaldehyde	6.60	77	201598	25.865	ng	99
10) Phenol	6.66	94	310969	19.304	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	254177	19.782	ng	99
12) 1,3-Dichlorobenzene	7.33	146	328611	19.903	ng	100
13) 1,4-Dichlorobenzene	7.48	146	330083	19.778	ng	99
14) 1,2-Dichlorobenzene	7.79	146	318105	19.689	ng	99
15) Benzyl Alcohol	7.69	79	255266	20.661	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.98	45	236595	14.088	ng	97
17) 2-Methylphenol	7.89	107	220237	19.998	ng	99
18) Hexachloroethane	8.51	117	128758	20.832	ng	97
19) n-Nitroso-di-n-propylamine	8.25	70	239468	21.181	ng	99
20) 3+4-Methylphenols	8.22	107	304097	20.214	ng	99
22) Acetophenone	8.26	105	460238	18.377	ng	98
24) Nitrobenzene	8.62	77	354302	19.485	ng	98
25) Isophorone	9.15	82	620987	19.974	ng	100
26) 2-Nitrophenol	9.33	139	154720	24.308	ng	98
27) 2,4-Dimethylphenol	9.40	122	216631	19.747	ng	96
28) bis(2-Chloroethoxy)methane	9.64	93	381869	20.019	ng	98
29) 2,4-Dichlorophenol	9.86	162	288260	20.015	ng	99
30) 1,2,4-Trichlorobenzene	10.07	180	356192	20.296	ng	100
31) Naphthalene	10.25	128	899958	18.597	ng	100
32) Benzoic acid	9.53	122	140031	19.852	ng	99
33) 4-Chloroaniline	10.36	127	386437	18.011	ng	98
34) Hexachlorobutadiene	10.56	225	248343	21.426	ng	99
35) Caprolactam	11.13	113	91489	20.839	ng	99
36) 4-Chloro-3-methylphenol	11.50	107	314895	20.856	ng	98
37) 2-Methylnaphthalene	11.87	142	691309	19.500	ng	99
38) 1-Methylnaphthalene	12.10	142	661087	19.573	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	446830	20.396	ng	99

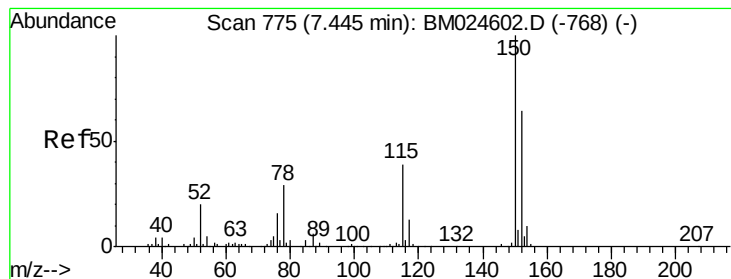
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024601.D
 Acq On : 23 Jan 2020 11:10
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 12:41:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	249969	20.669	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	281217	22.537	ng	99
44) 2,4,5-Trichlorophenol	12.57	196	290816	21.656	ng	98
46) 1,1'-Biphenyl	12.92	154	955037	18.949	ng	99
47) 2-Chloronaphthalene	12.95	162	770116	18.852	ng	99
48) 2-Nitroaniline	13.16	65	229266	18.493	ng	98
49) Acenaphthylene	13.80	152	1147788	18.558	ng	99
50) Dimethylphthalate	13.56	163	1031207	19.838	ng	100
51) 2,6-Dinitrotoluene	13.67	165	214231	19.323	ng	98
52) Acenaphthene	14.16	154	706306	18.677	ng	100
53) 3-Nitroaniline	14.00	138	220071	18.185	ng	96
54) 2,4-Dinitrophenol	14.21	184	111726	24.923	ng	96
55) Dibenzofuran	14.50	168	1167303	19.071	ng	99
56) 4-Nitrophenol	14.32	139	165760	18.447	ng	97
57) 2,4-Dinitrotoluene	14.46	165	301515	19.050	ng	98
58) Fluorene	15.15	166	953521	18.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	291418	23.328	ng	100
60) Diethylphthalate	14.95	149	1041519	19.416	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	558681	19.805	ng	99
62) 4-Nitroaniline	15.17	138	239122	17.469	ng	96
63) Azobenzene	15.44	77	884425	18.396	ng	97
65) 4,6-Dinitro-2-methylphenol	15.23	198	158663	25.289	ng	99
66) n-Nitrosodiphenylamine	15.37	169	834648	19.245	ng	100
67) 4-Bromophenyl-phenylether	16.05	248	357065	20.177	ng	97
68) Hexachlorobenzene	16.16	284	416935	20.228	ng	98
69) Atrazine	16.33	200	330567	27.657	ng	99
70) Pentachlorophenol	16.50	266	245090	23.553	ng	98
71) Phenanthrene	16.89	178	1574223	18.817	ng	99
72) Anthracene	16.97	178	1534069	18.711	ng	99
73) Carbazole	17.24	167	1396451	18.221	ng	99
74) Di-n-butylphthalate	17.84	149	1800148	20.360	ng	100
75) Fluoranthene	18.91	202	1960863	19.612	ng	99
77) Benzidine	19.10	184	847302	36.917	ng	98
78) Pyrene	19.27	202	2038602	19.722	ng	100
80) Butylbenzylphthalate	20.22	149	823188	23.898	ng	99
81) Benzo(a)anthracene	21.03	228	2179411	20.166	ng	99
82) 3,3'-Dichlorobenzidine	20.98	252	789957	23.962	ng	99
83) Chrysene	21.09	228	2089525	20.446	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1244883	21.806	ng	100
85) Di-n-octyl phthalate	21.86	149	2099631	23.720	ng	100
86) Indeno(1,2,3-cd)pyrene	25.23	276	2500766	24.653	ng	99
88) Benzo(b)fluoranthene	22.54	252	2220412	18.445	ng	98
89) Benzo(k)fluoranthene	22.59	252	2179769	18.846	ng	99
90) Benzo(a)pyrene	23.07	252	2040379	19.028	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	2096669	21.932	ng	99
92) Benzo(g,h,i)perylene	25.86	276	1945688	22.525	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.45 min Scan# 775

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampled :

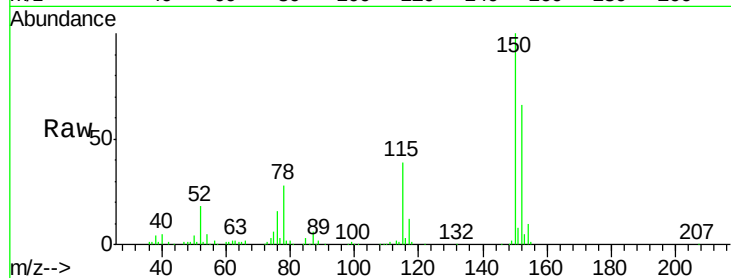
Tot Ion:152 Resp: 210776

Ion Ratio Lower Upper

152 100

150 152.2 124.2 186.4

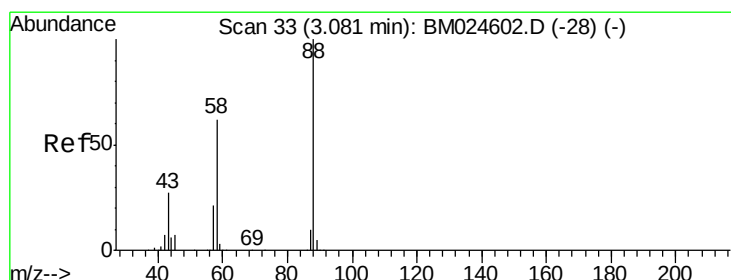
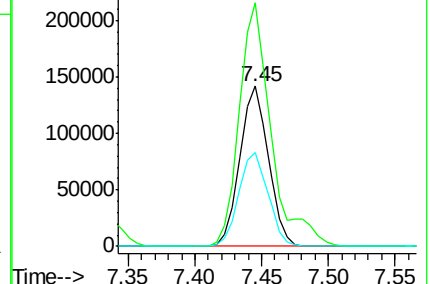
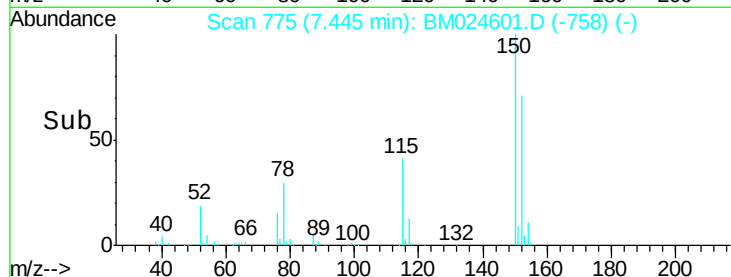
115 58.8 48.6 72.8



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: 18.362 ng

RT: 3.08 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

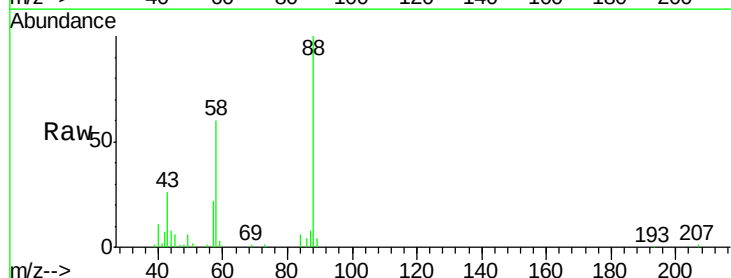
Tgt Ion: 88 Resp: 93249

Ion Ratio Lower Upper

88 100

58 61.4 50.0 75.0

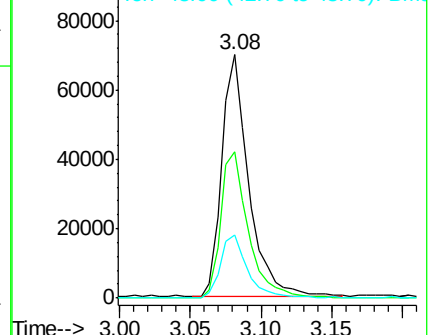
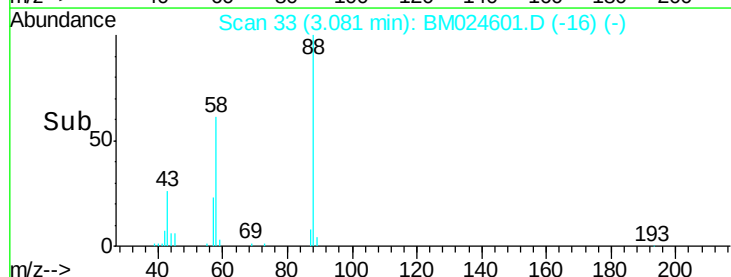
43 26.1 21.6 32.4

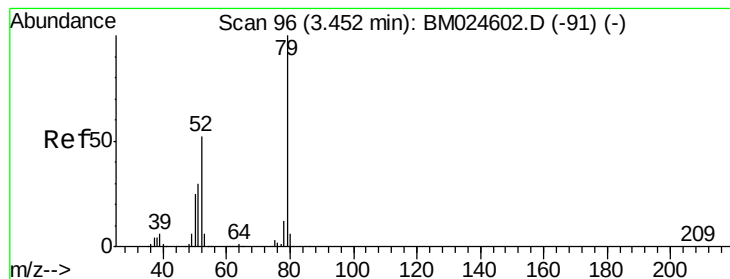


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 18.928 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

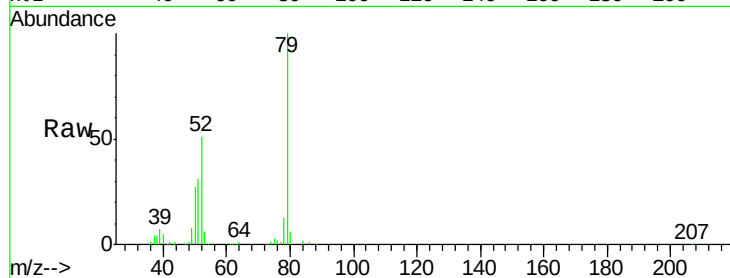
Tot Ion: 79 Resp: 278121

Ion Ratio Lower Upper

79 100

52 51.2 41.4 62.2

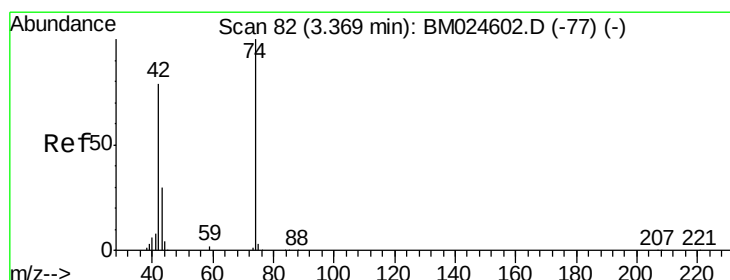
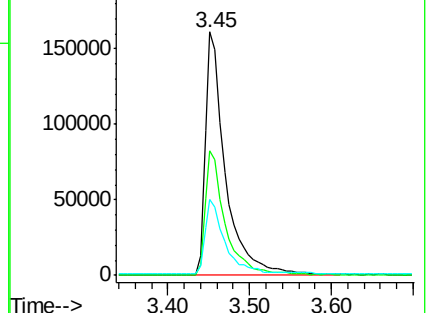
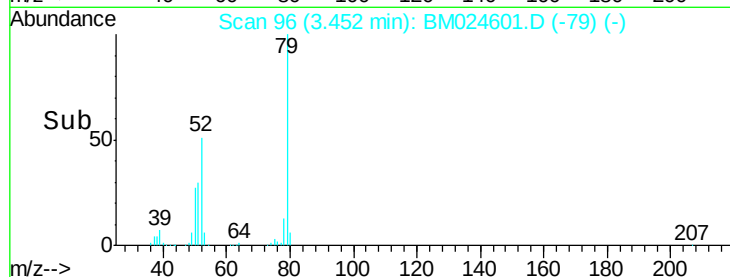
51 31.2 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024601.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM024601.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024601.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 14.995 ng

RT: 3.37 min Scan# 82

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

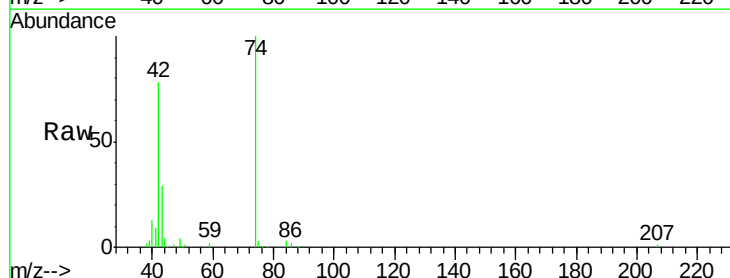
Tgt Ion: 42 Resp: 117547

Ion Ratio Lower Upper

42 100

74 128.5 101.4 152.2

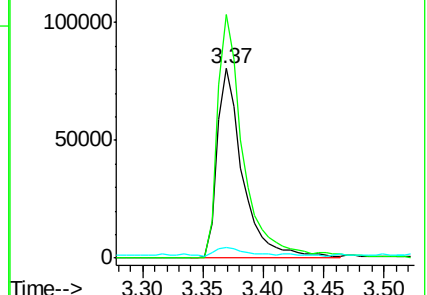
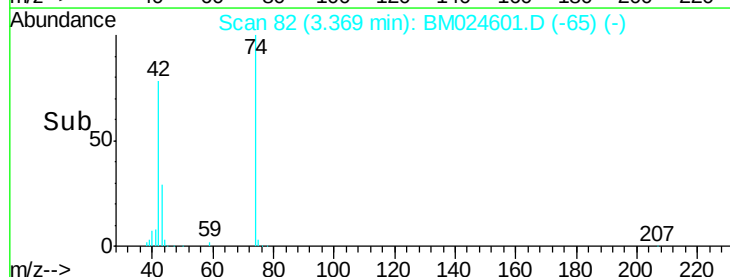
44 5.6 4.6 6.8

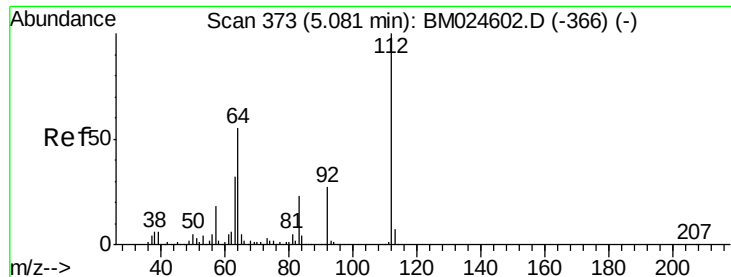


Abundance Ion 42.00 (41.70 to 42.70): BM024601.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BM024601.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024601.D (-65) (-)





#5

2-Fluorophenol

Concen: 38.808 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

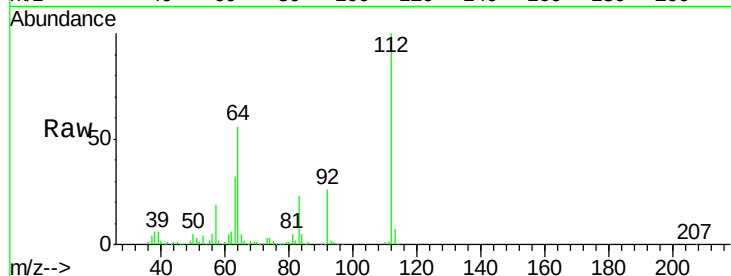
Tot Ion:112 Resp: 459132

Ion Ratio Lower Upper

112 100

64 56.5 44.2 66.4

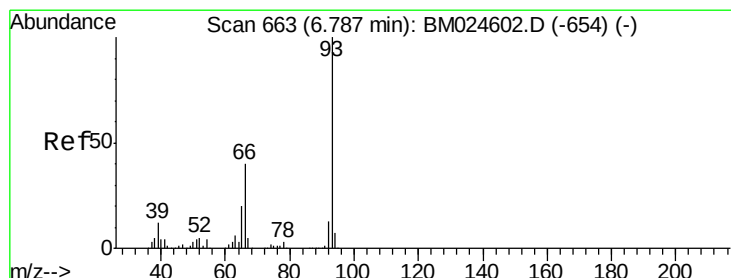
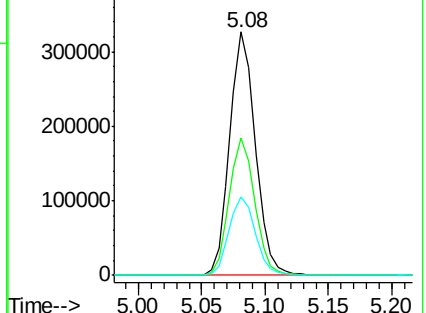
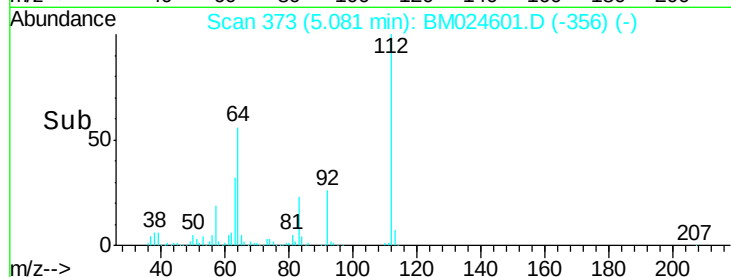
63 32.3 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 19.583 ng

RT: 6.78 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

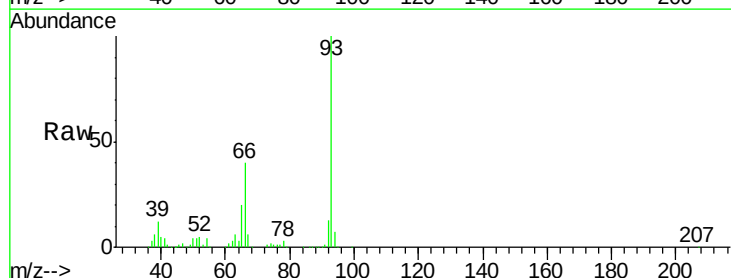
Tgt Ion: 93 Resp: 384572

Ion Ratio Lower Upper

93 100

66 39.8 31.8 47.8

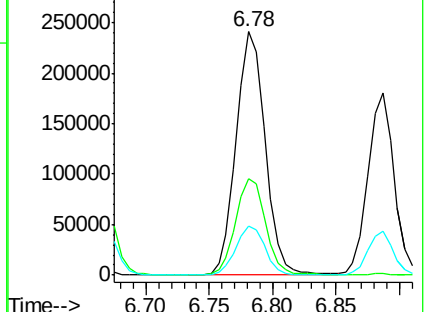
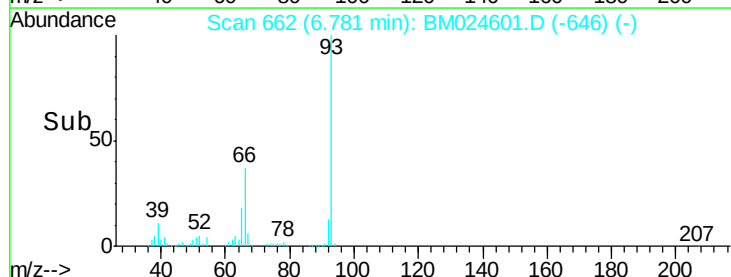
65 20.0 15.8 23.6

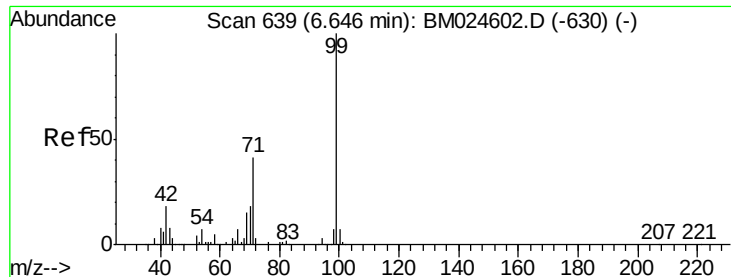


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 39.468 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampled :

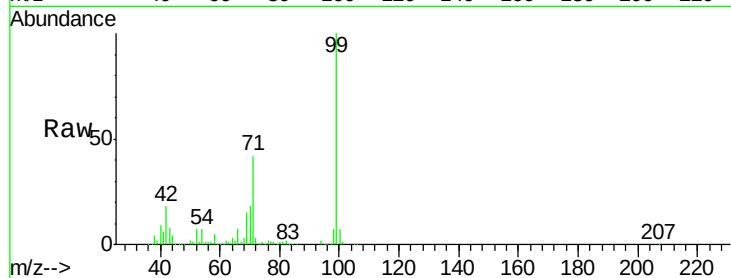
Tot Ion: 99 Resp: 620837

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

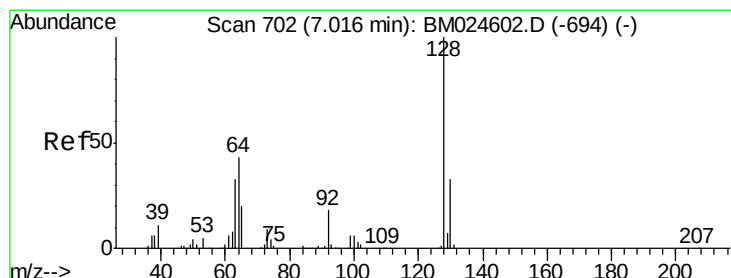
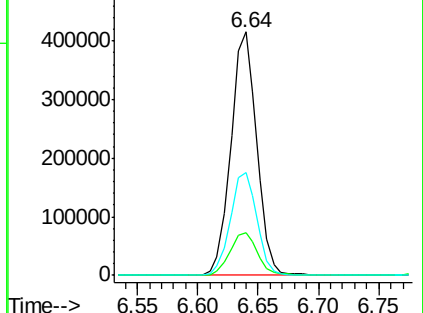
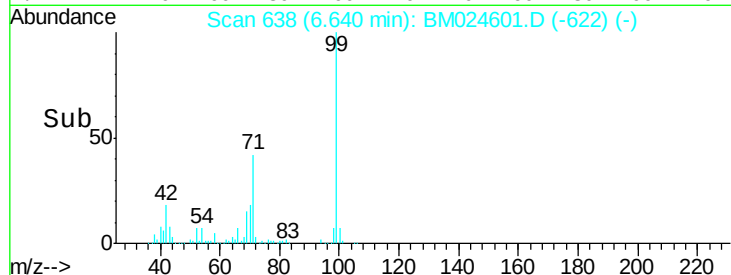
71 42.2 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024601.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024601.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024601.D (-622) (-)



#8

2-Chlorophenol

Concen: 19.644 ng

RT: 7.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

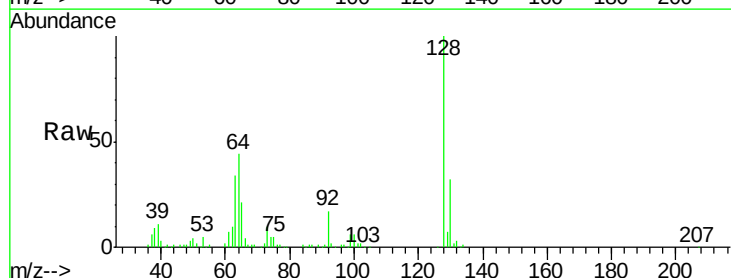
Tgt Ion: 128 Resp: 260691

Ion Ratio Lower Upper

128 100

130 31.8 12.5 52.5

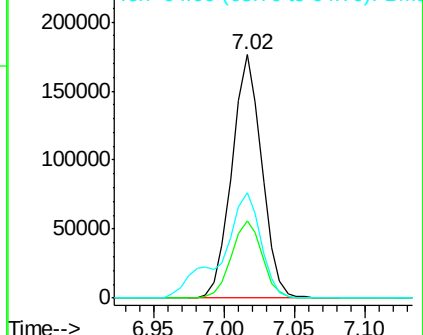
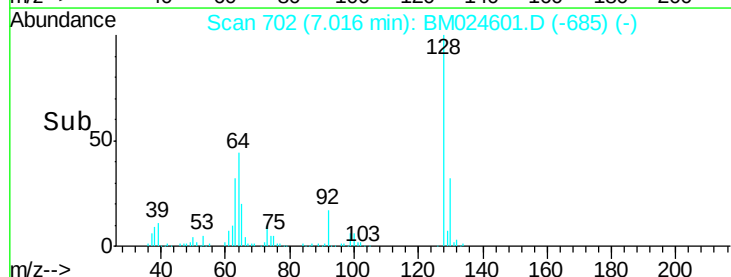
64 43.5 26.1 66.1

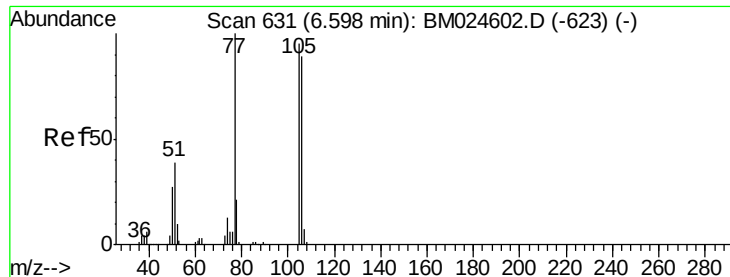


Abundance Ion 128.00 (127.70 to 128.70): BM024601.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024601.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024601.D (-685) (-)





#9

Benzaldehyde

Concen: 25.865 ng

RT: 6.60 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

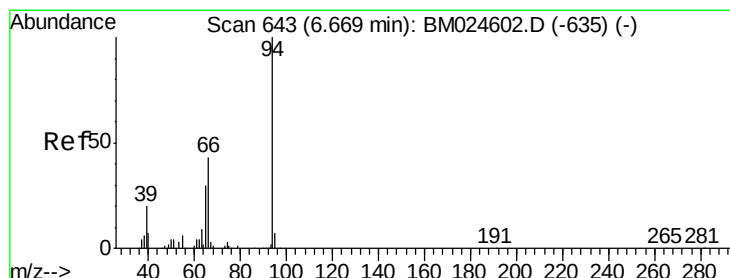
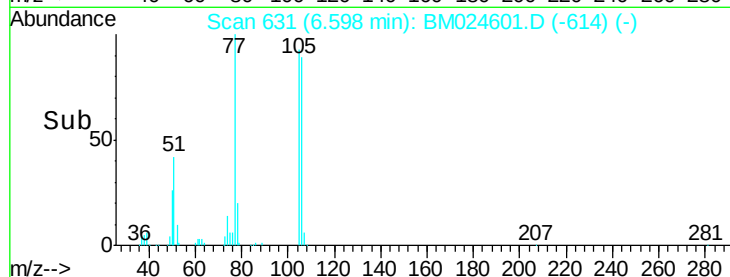
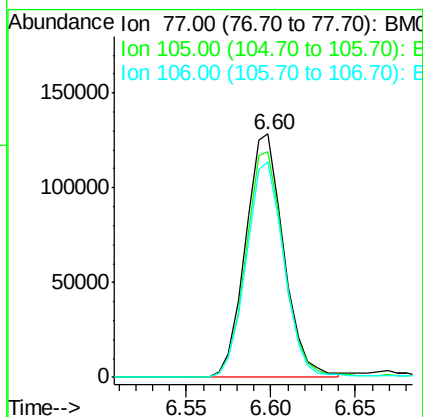
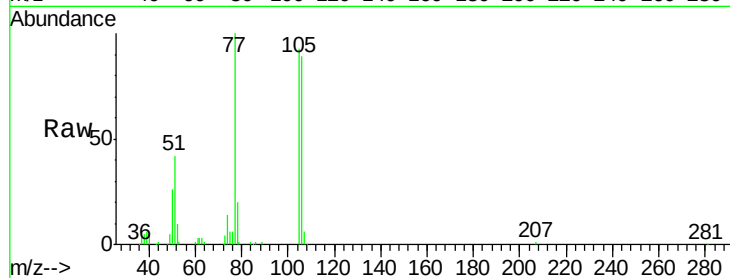
Tot Ion: 77 Resp: 201598

Ion Ratio Lower Upper

77 100

105 92.8 75.2 115.2

106 88.7 68.6 108.6



#10

Phenol

Concen: 19.304 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

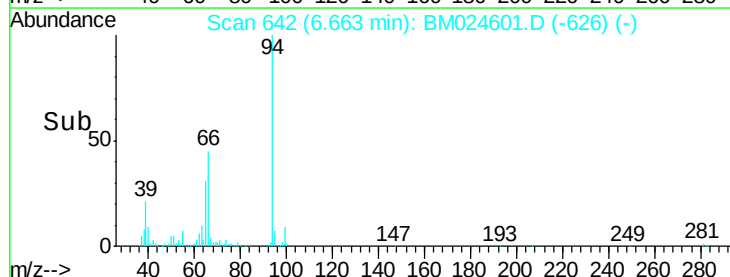
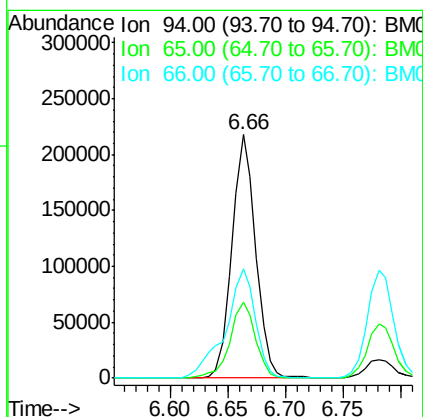
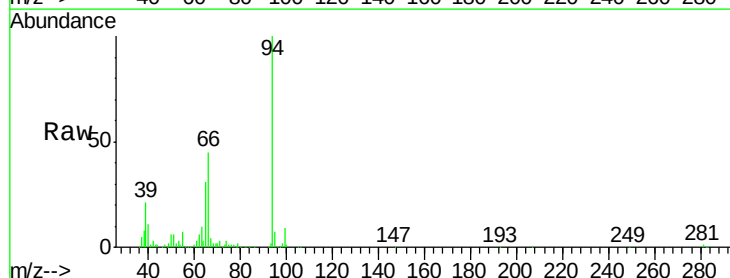
Tgt Ion: 94 Resp: 310969

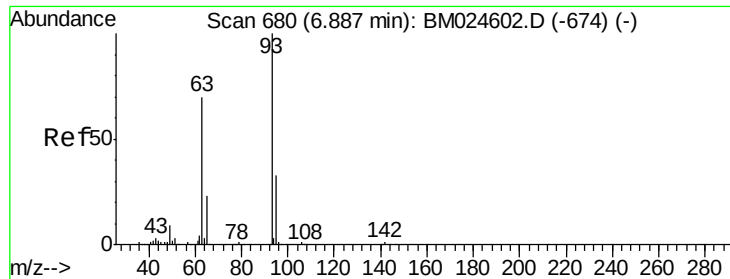
Ion Ratio Lower Upper

94 100

65 31.1 10.3 50.3

66 44.9 24.8 64.8

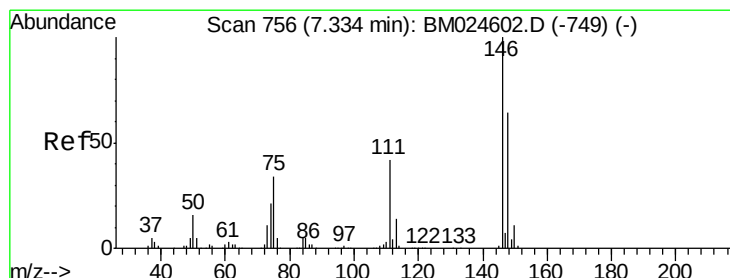
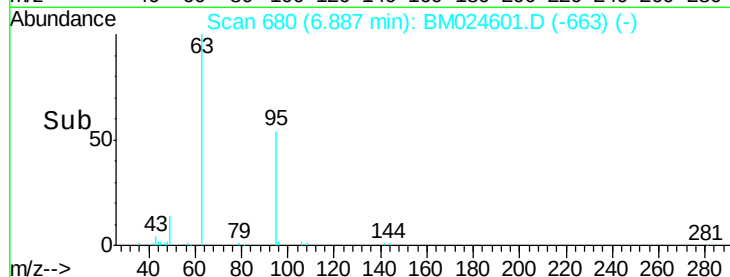
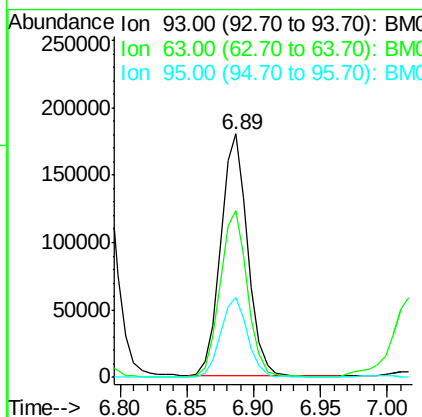
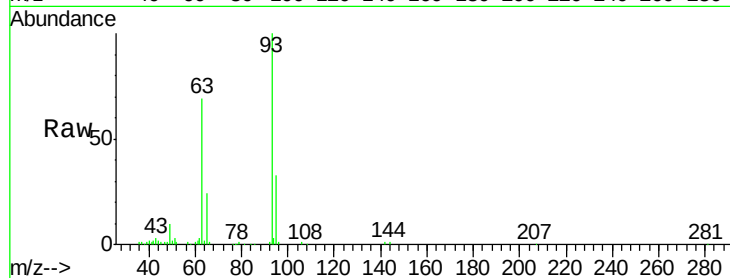




#11
bis(2-Chloroethyl)ether
Concen: 19.782 ng
RT: 6.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

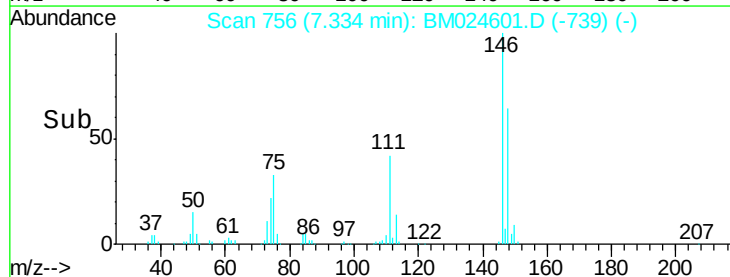
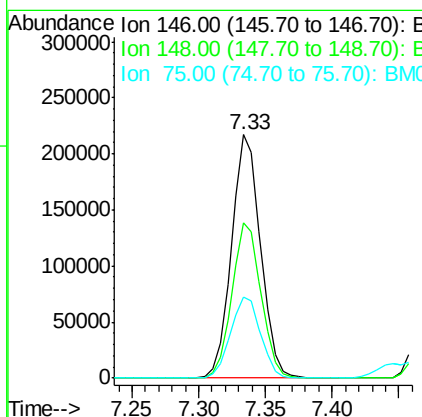
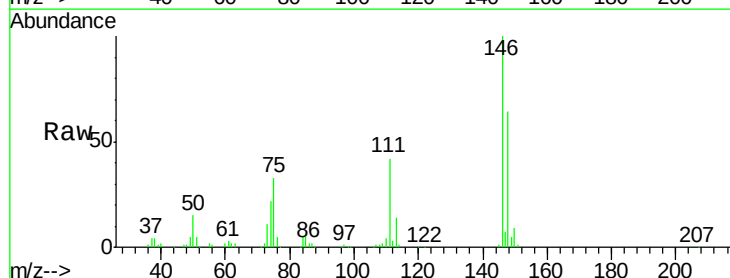
Instrument :
BNA_M
ClientSampleID :

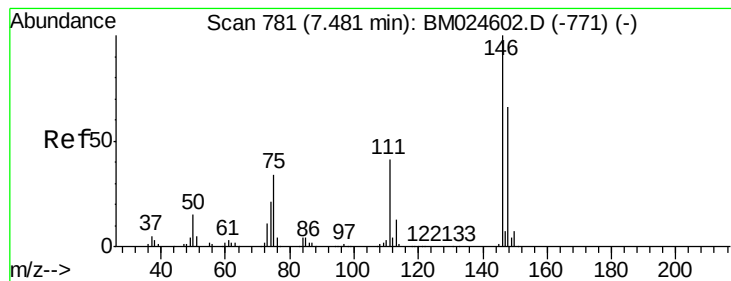
Tot Ion:	93	Resp:	254177
Ion	Ratio	Lower	Upper
93	100		
63	68.5	49.6	89.6
95	32.9	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 19.903 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion:	146	Resp:	328611
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
75	33.4	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 19.778 ng

RT: 7.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampled :

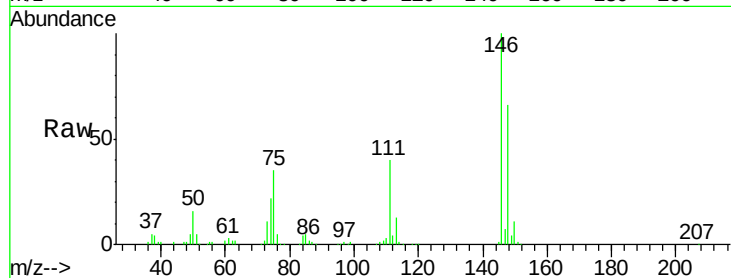
Tot Ion:146 Resp: 330083

Ion Ratio Lower Upper

146 100

148 65.8 52.5 78.7

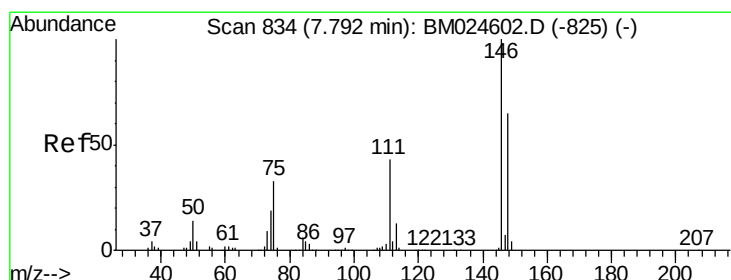
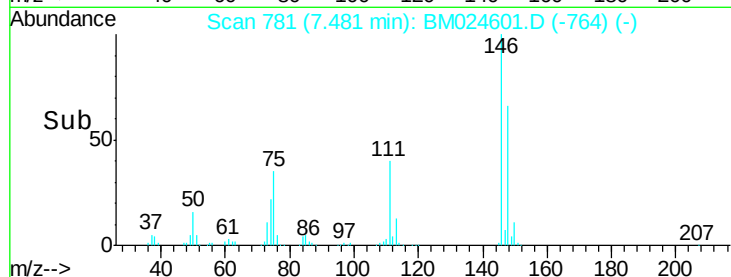
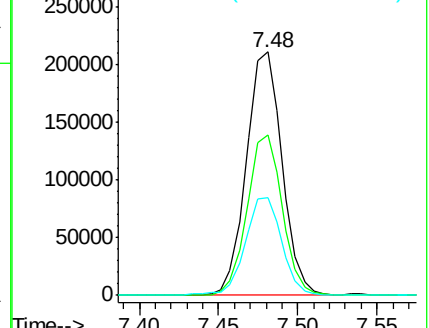
111 39.9 33.0 49.4



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: 19.689 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

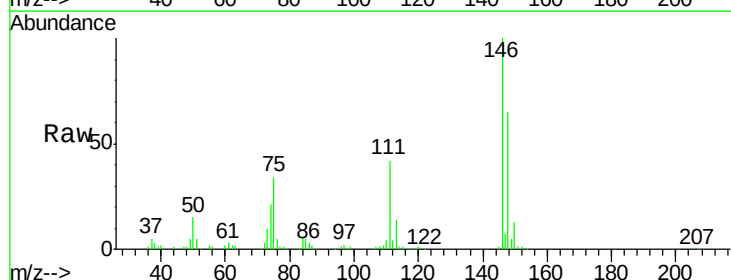
Tgt Ion:146 Resp: 318105

Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

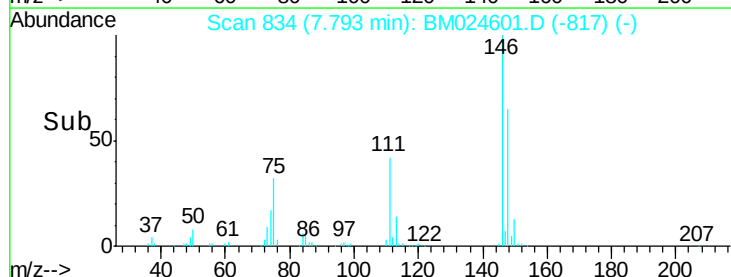
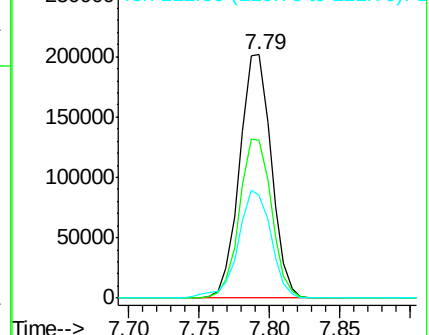
111 42.5 34.5 51.7

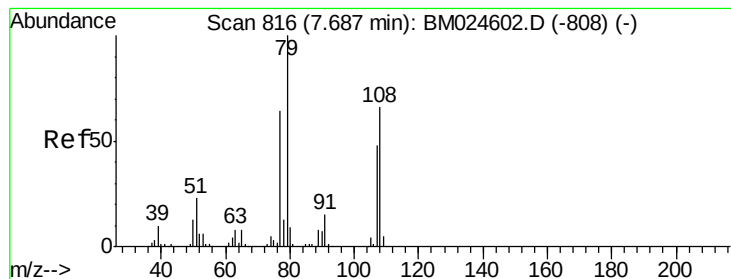


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.661 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

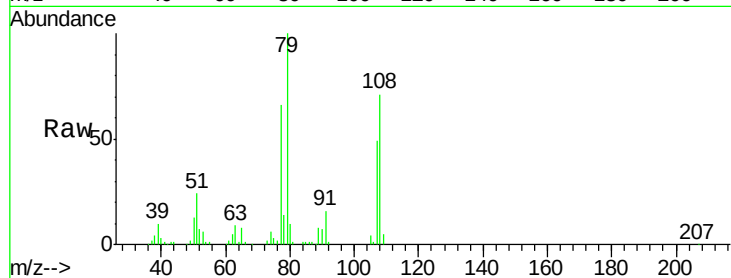
Tot Ion: 79 Resp: 255266

Ion Ratio Lower Upper

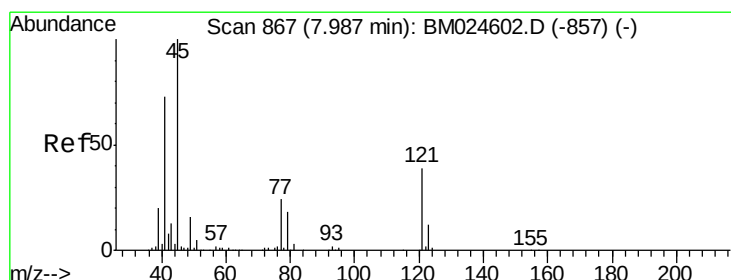
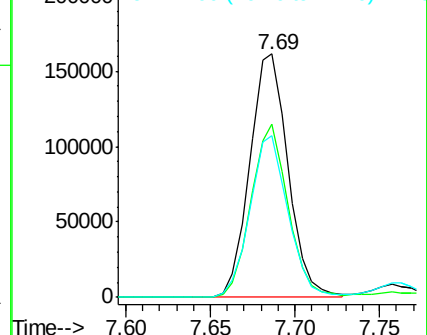
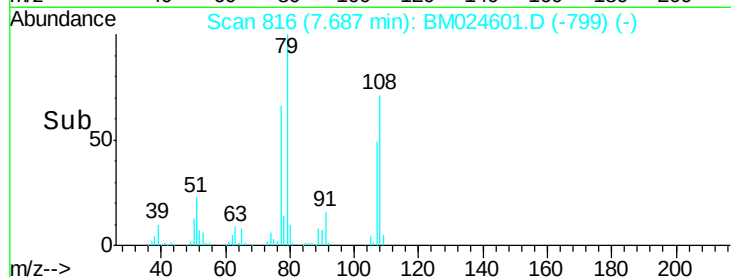
79 100

108 71.0 53.0 79.4

77 66.5 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024601.D (-799) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 14.088 ng

RT: 7.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

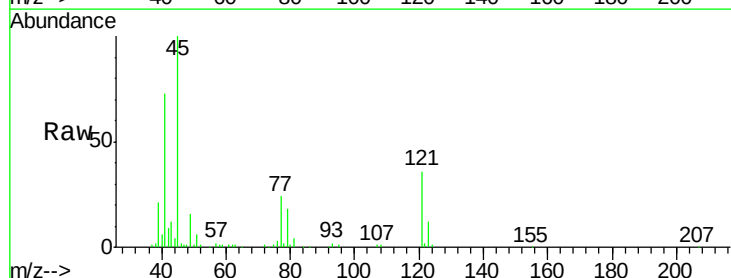
Tgt Ion: 45 Resp: 236595

Ion Ratio Lower Upper

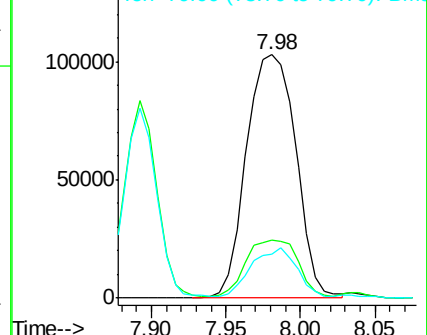
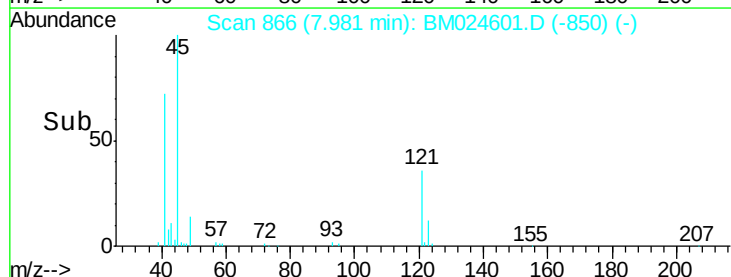
45 100

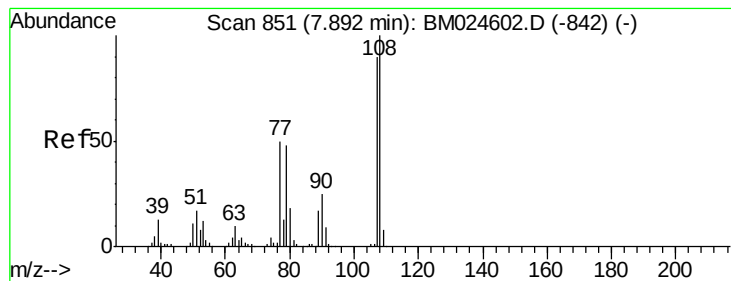
77 23.6 5.2 45.2

79 18.1 0.0 39.4



Abundance Ion 45.00 (44.70 to 45.70): BM024601.D (-850) (-)

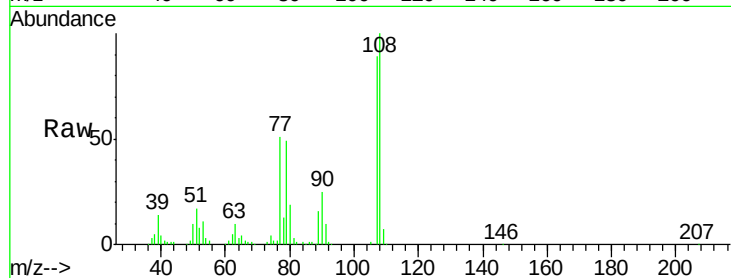




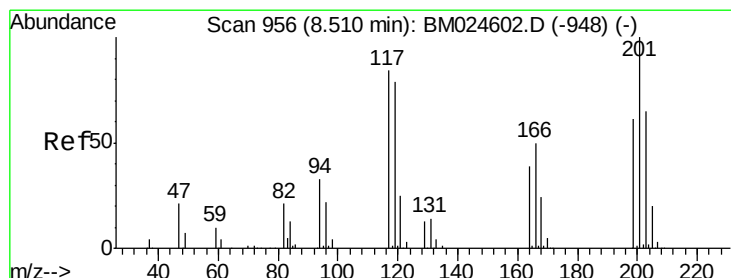
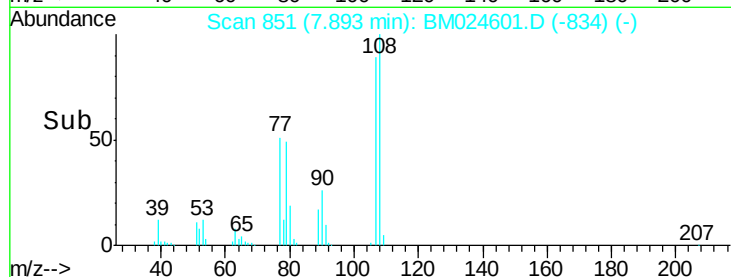
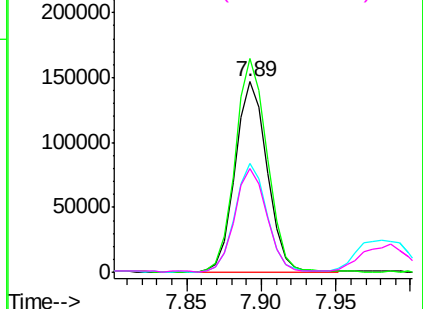
#17
2-Methylphenol
Concen: 19.998 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Instrument :
BNA_M
ClientSampleID :

Tot Ion:	107	Resp:	220237
Ion	Ratio	Lower	Upper
107	100		
108	112.1	88.9	133.3
77	57.0	44.5	66.7
79	54.7	42.9	64.3

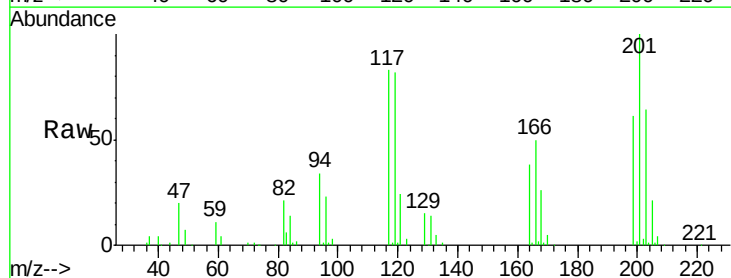


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

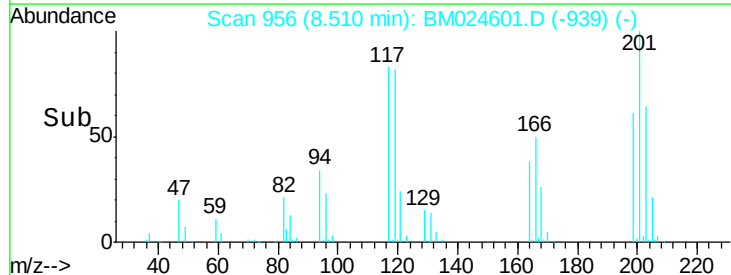
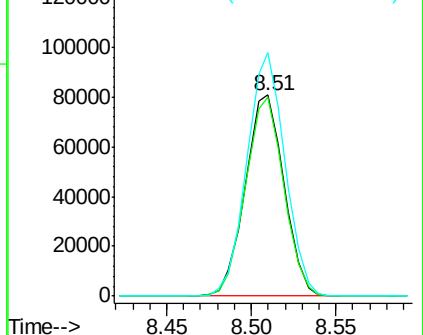


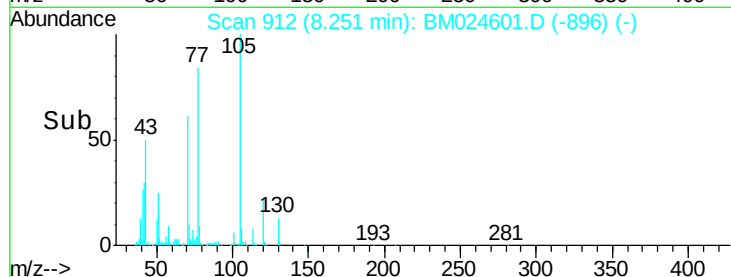
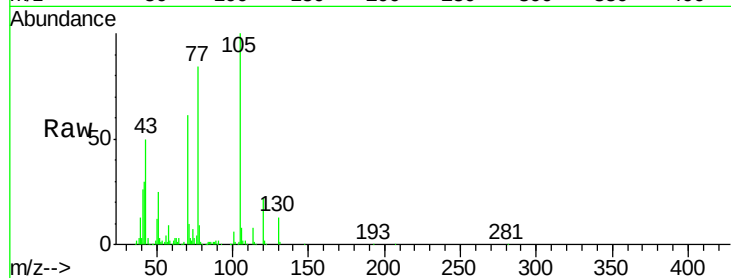
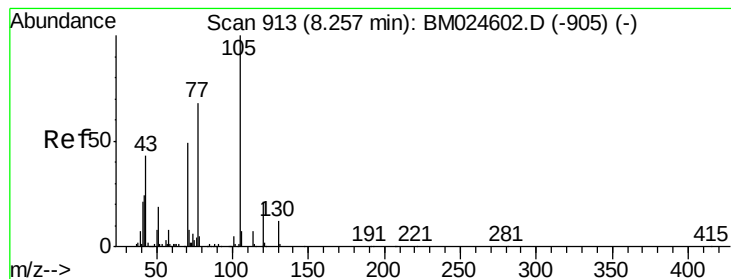
#18
Hexachloroethane
Concen: 20.832 ng
RT: 8.51 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion:	117	Resp:	128758
Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.4	113.2
201	120.9	95.8	143.6



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: 21.181 ng

RT: 8.25 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 239468

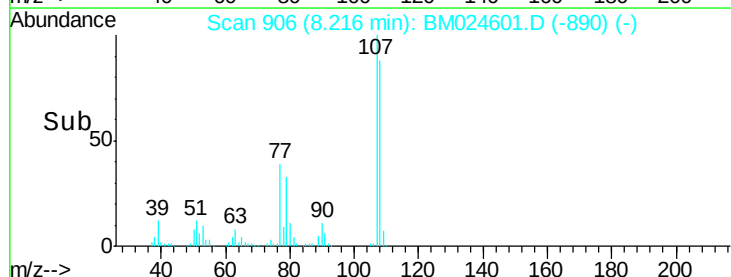
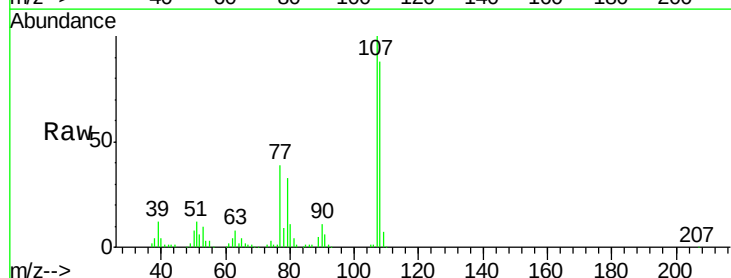
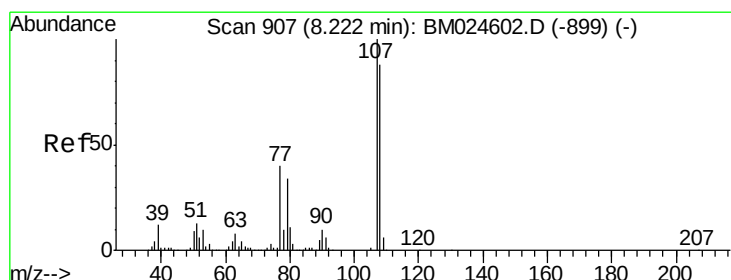
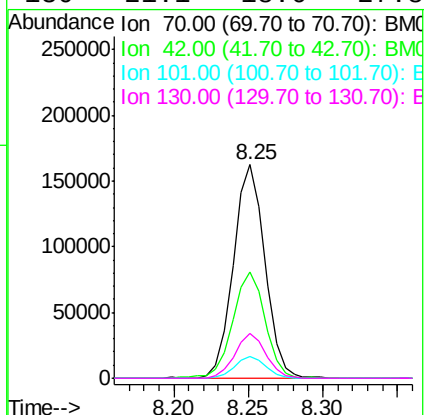
Ion Ratio Lower Upper

70 100

42 49.8 40.0 60.0

101 10.2 8.2 12.2

130 21.1 18.6 27.8



#20

3+4-Methylphenols

Concen: 20.214 ng

RT: 8.22 min Scan# 906

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Tgt Ion: 107 Resp: 304097

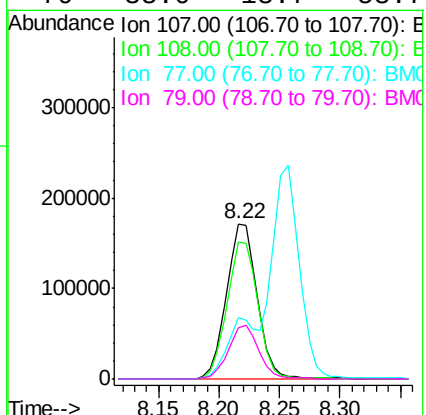
Ion Ratio Lower Upper

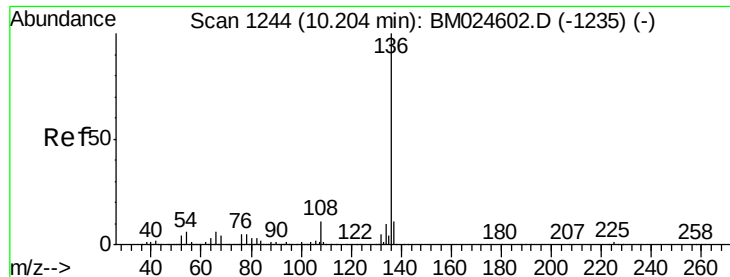
107 100

108 87.9 68.0 108.0

77 39.3 19.9 59.9

79 33.0 13.7 53.7

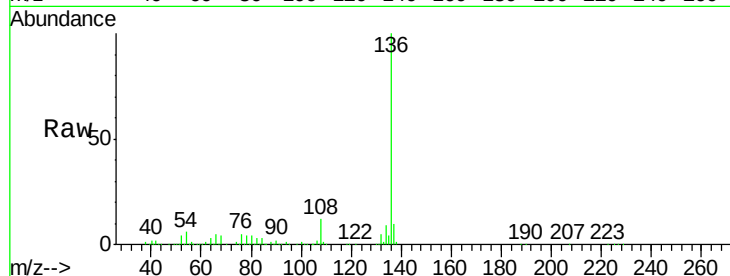




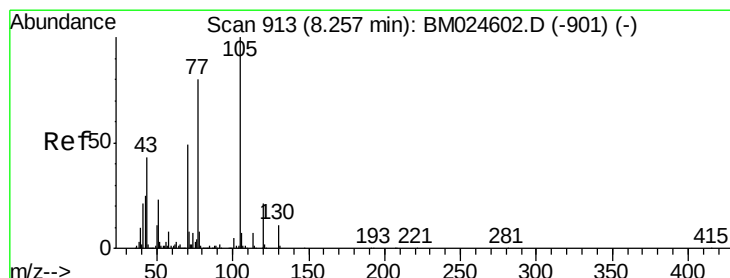
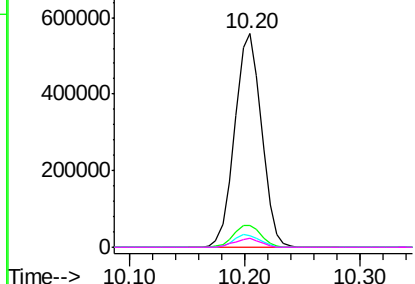
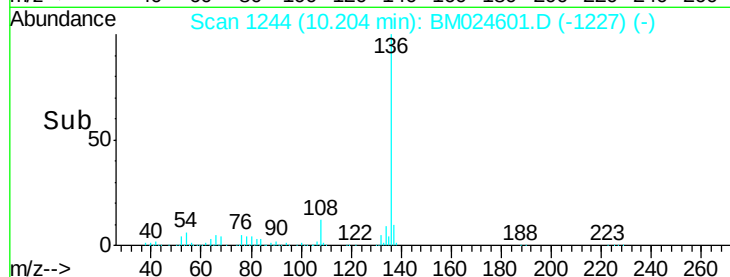
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	895980	
Ion Ratio	Lower	Upper	
136 100			
137 10.4	8.6	13.0	
54 5.5	4.5	6.7	
68 3.9	3.4	5.0	

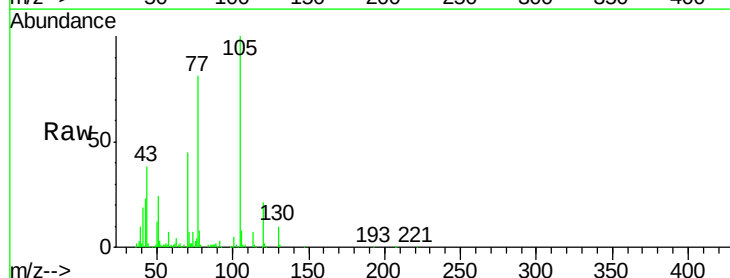


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

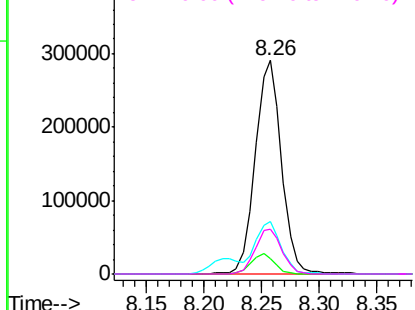
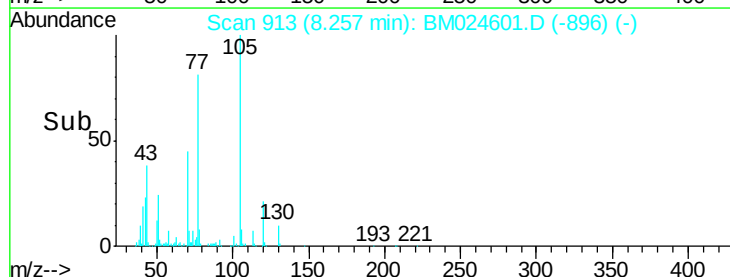


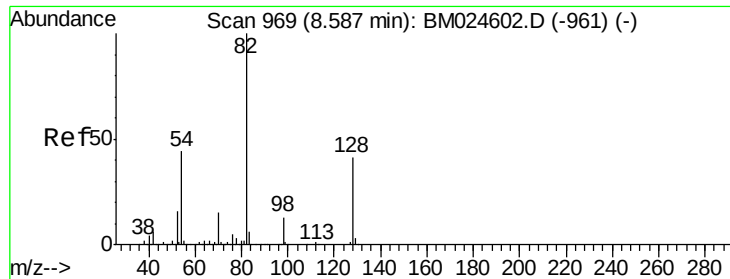
#22
Acetophenone
Concen: 18.377 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt	Ion:105	Resp:	460238
Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.7	10.1
51	24.3	18.5	27.7
120	21.3	16.6	25.0



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

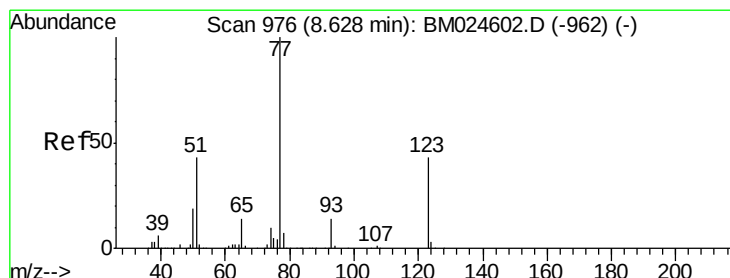
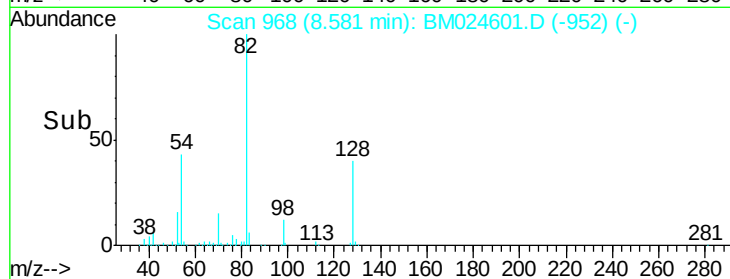
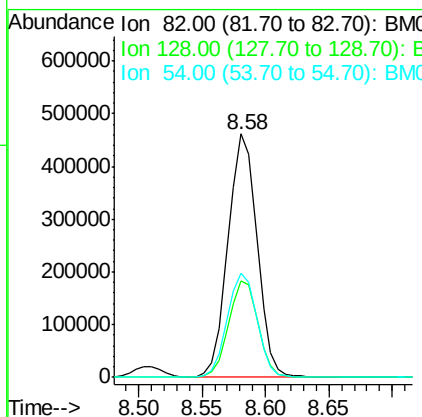
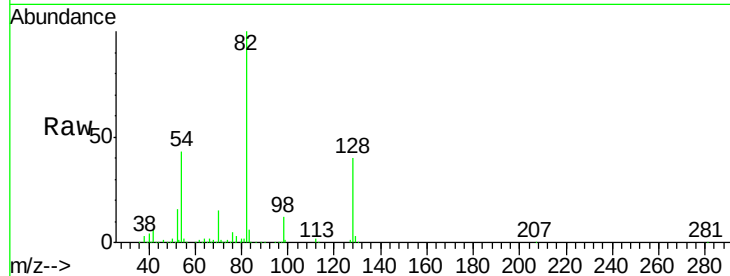




#23
 Nitrobenzene-d5
 Concen: 39.352 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

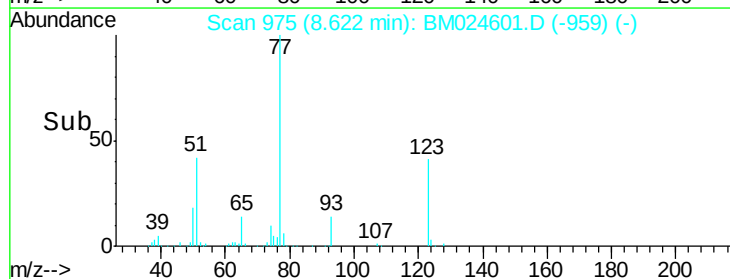
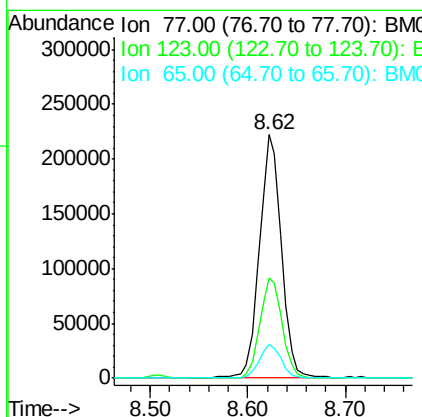
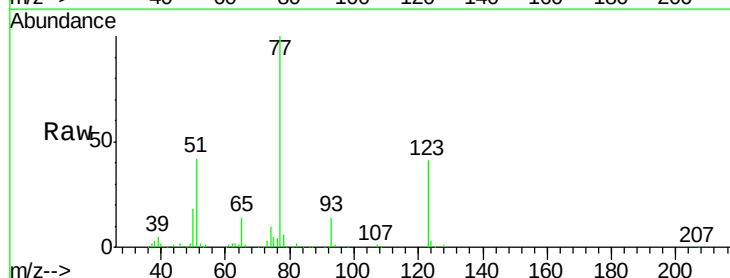
Instrument :
 BNA_M
 ClientSampled :

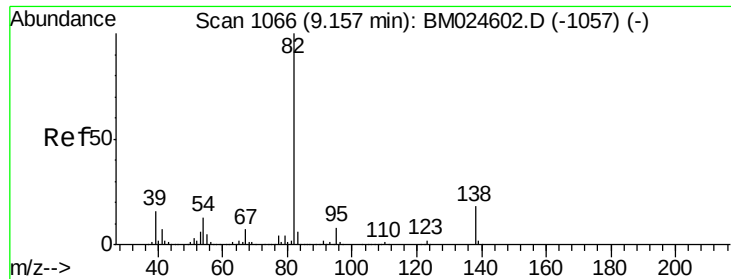
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.6	48.8
54	43.0	34.8	52.2



#24
 Nitrobenzene
 Concen: 19.485 ng
 RT: 8.62 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	34.6	52.0
65	13.6	11.0	16.4





#25

Isophorone

Concen: 19.974 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampled :

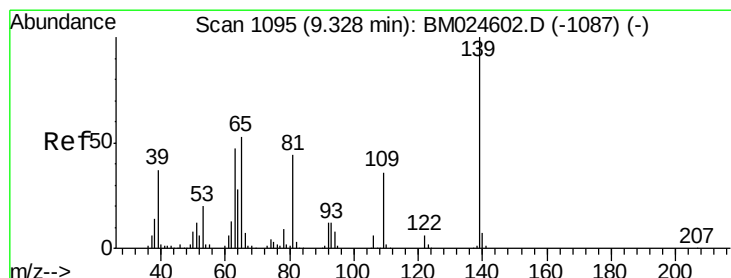
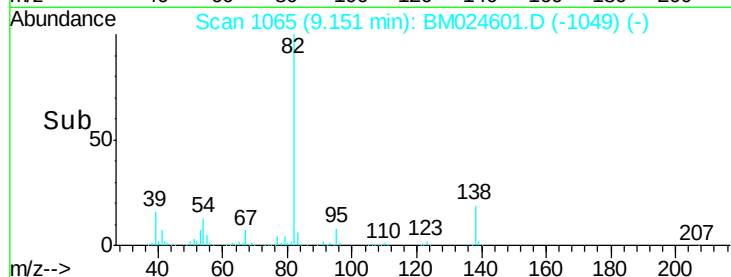
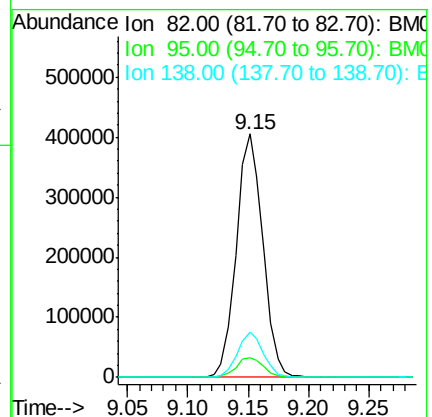
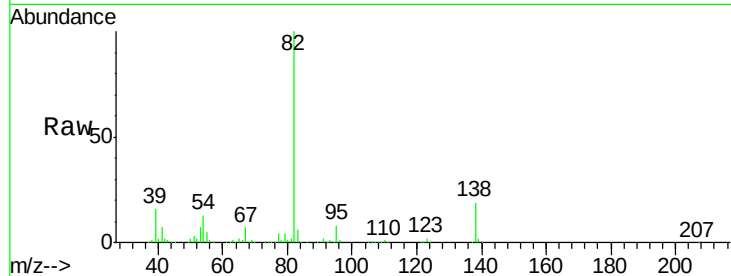
Tot Ion: 82 Resp: 620987

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

138 18.5 14.7 22.1



#26

2-Nitrophenol

Concen: 24.308 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

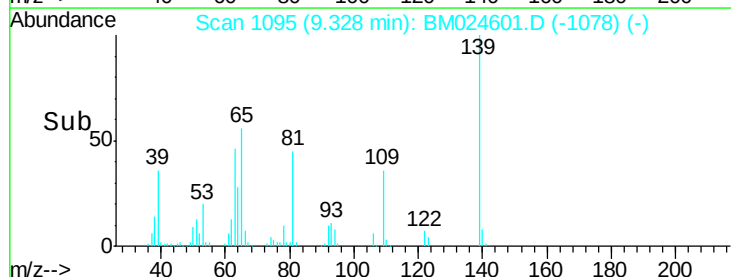
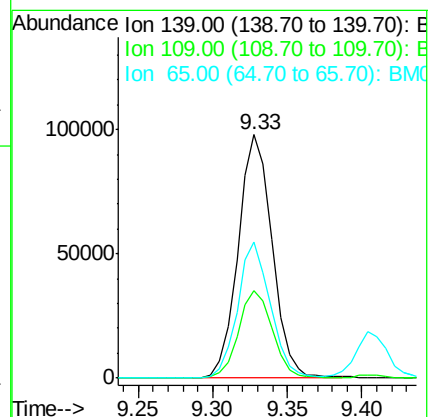
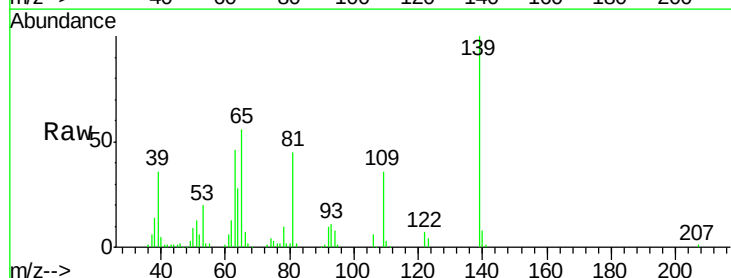
Tgt Ion: 139 Resp: 154720

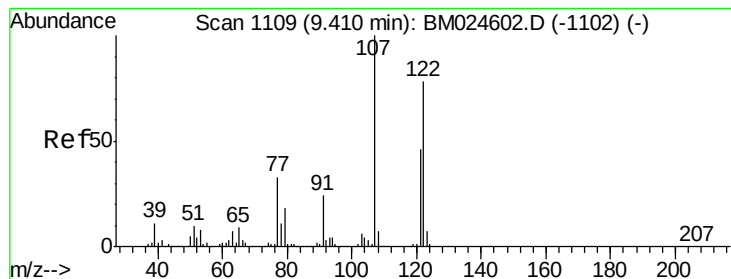
Ion Ratio Lower Upper

139 100

109 36.0 28.8 43.2

65 55.7 42.6 63.8





#27

2,4-Dimethylphenol

Concen: 19.747 ng

RT: 9.40 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampled :

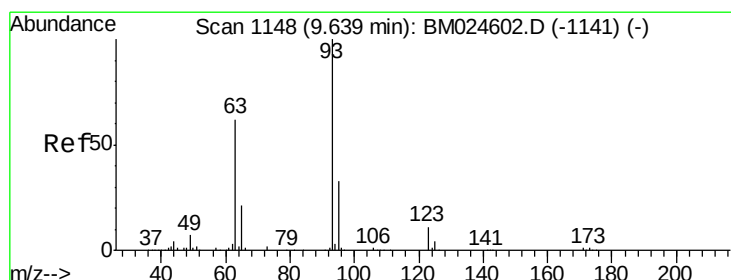
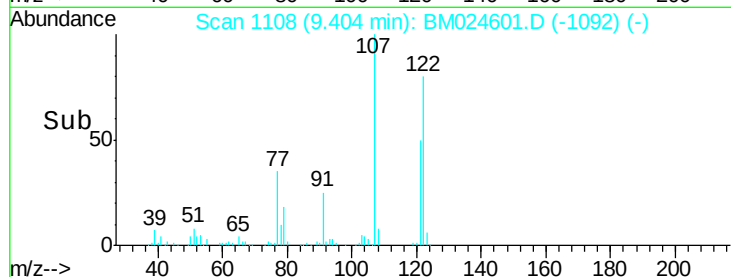
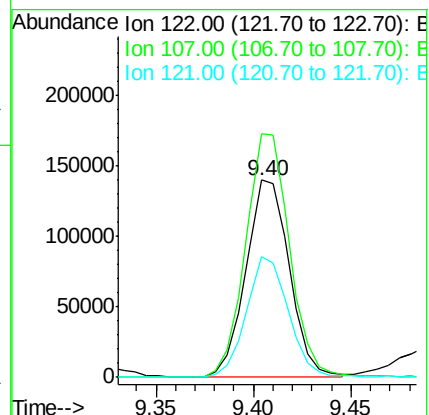
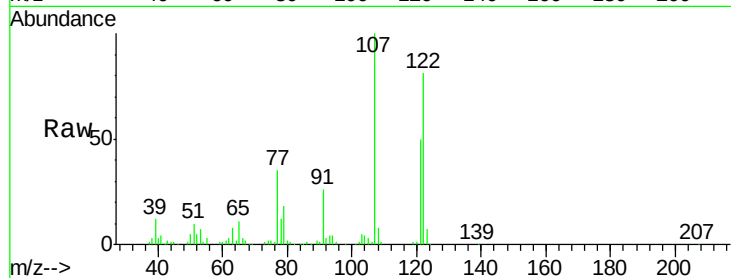
Tot Ion:122 Resp: 216631

Ion Ratio Lower Upper

122 100

107 123.6 102.5 153.7

121 61.4 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 20.019 ng

RT: 9.64 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

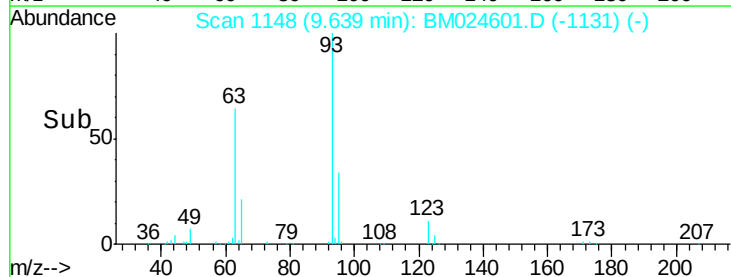
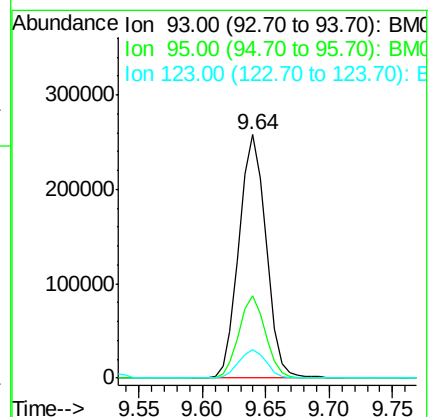
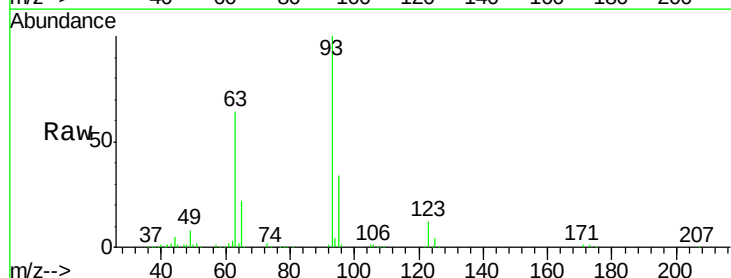
Tgt Ion: 93 Resp: 381869

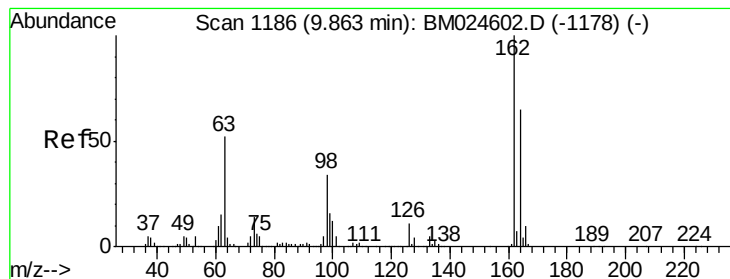
Ion Ratio Lower Upper

93 100

95 33.8 26.1 39.1

123 11.9 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 20.015 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampled :

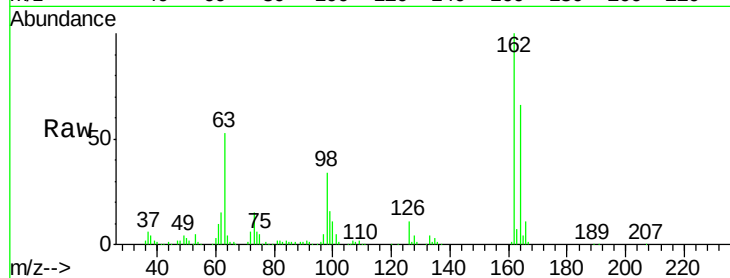
Tot Ion:162 Resp: 288260

Ion Ratio Lower Upper

162 100

164 65.8 44.5 84.5

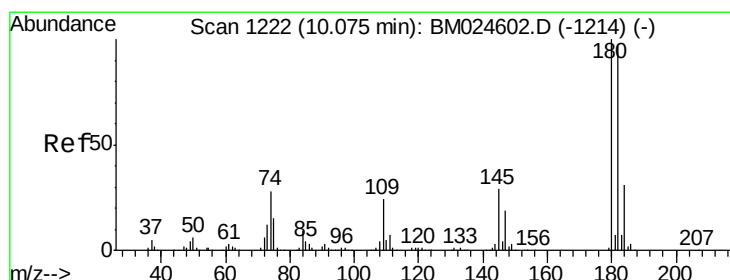
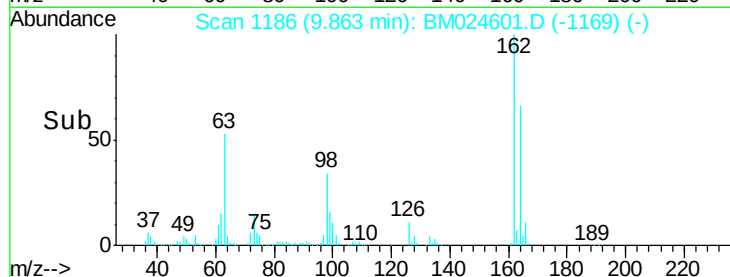
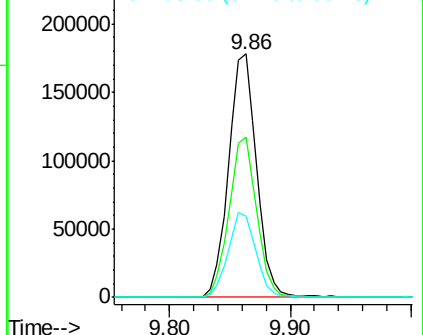
98 33.5 14.2 54.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 20.296 ng

RT: 10.07 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

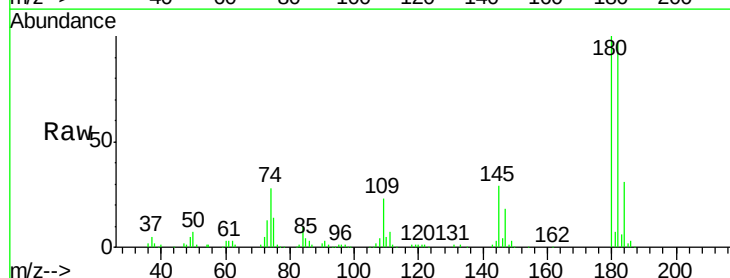
Tgt Ion:180 Resp: 356192

Ion Ratio Lower Upper

180 100

182 97.3 77.8 116.6

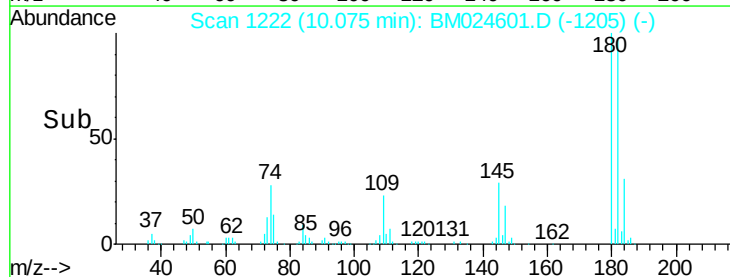
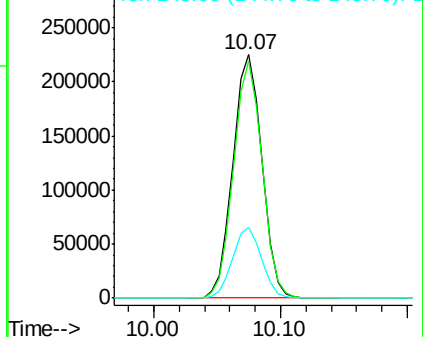
145 29.3 22.9 34.3

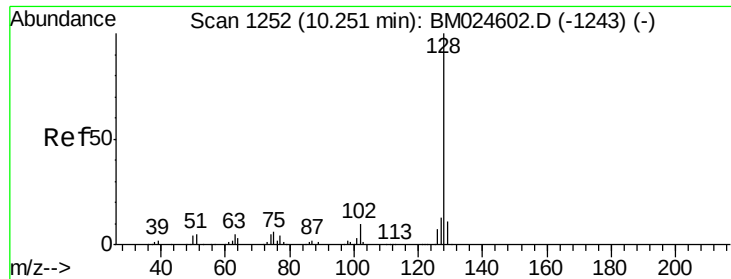


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

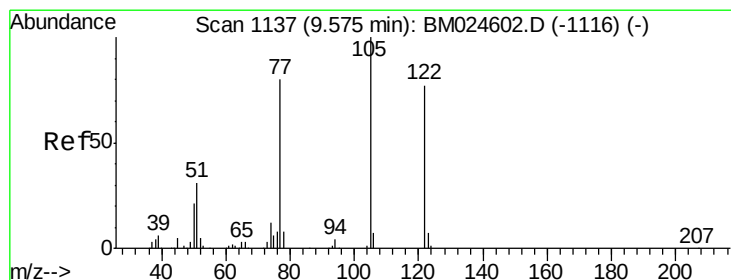
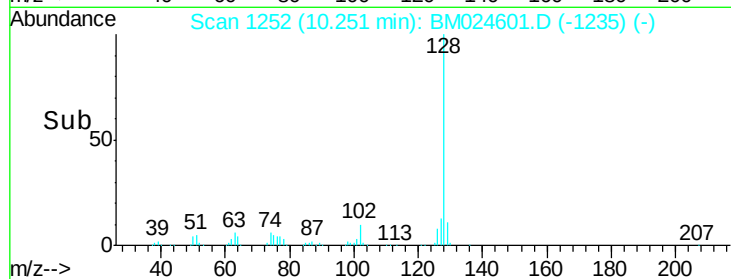
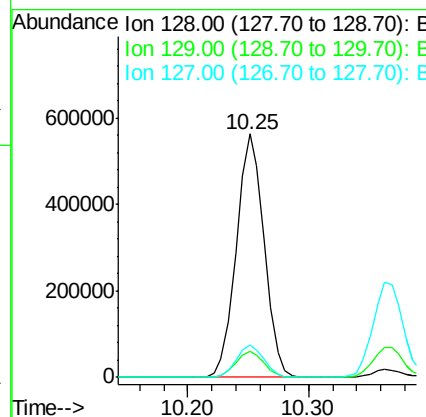
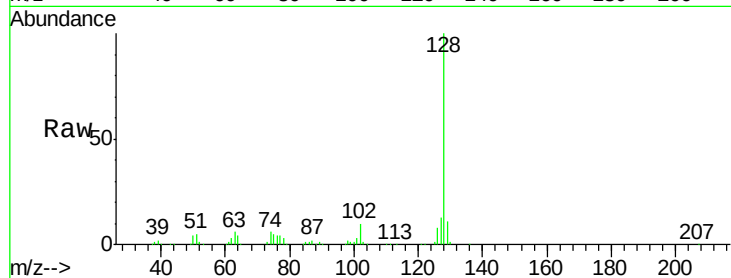




#31
Naphthalene
Concen: 18.597 ng
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

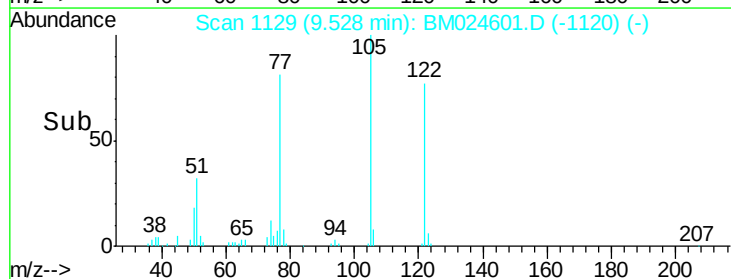
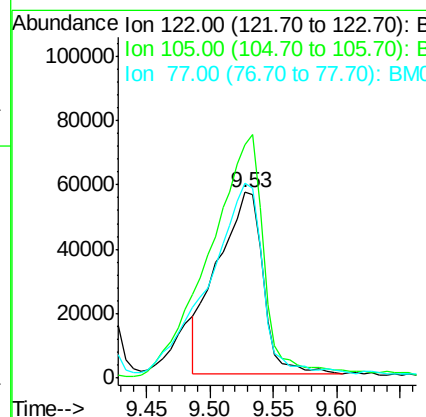
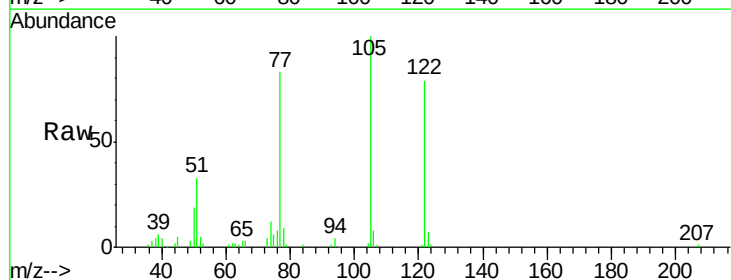
Instrument :
BNA_M
ClientSampleId :

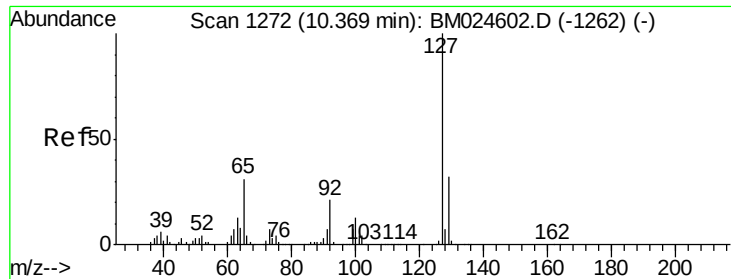
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.1	10.6	15.8



#32
Benzoic acid
Concen: 19.852 ng
RT: 9.53 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.2	107.7	147.7
77	105.0	83.8	123.8

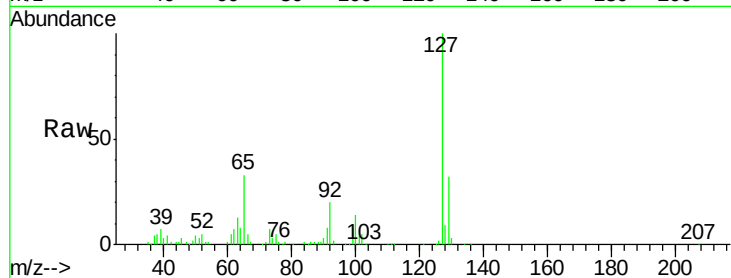




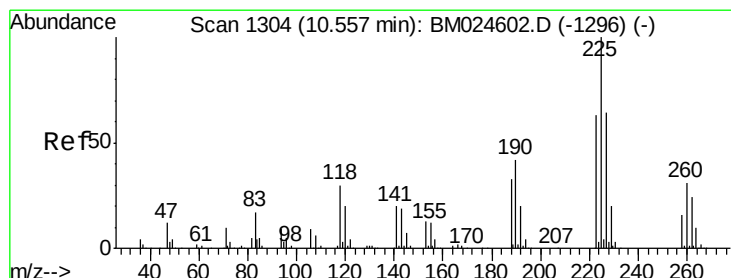
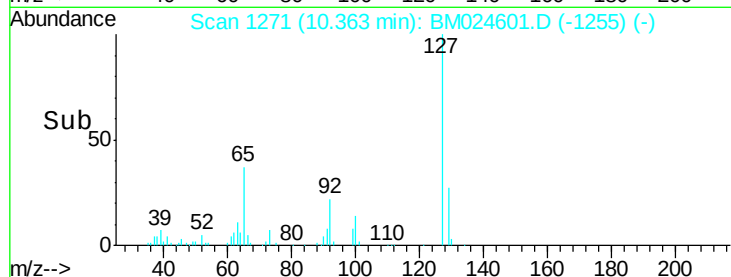
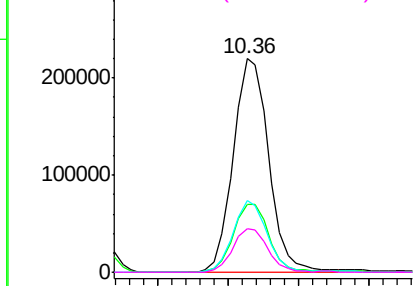
#33
4-Chloroaniline
Concen: 18.011 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	386437
Ion Ratio	Lower	Upper
127	100	
129	31.9	25.9 38.9
65	33.4	25.1 37.7
92	20.2	16.6 25.0

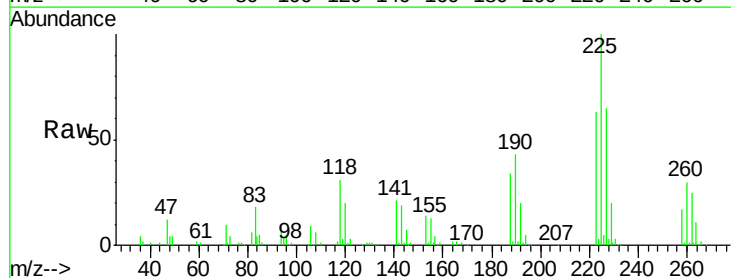


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

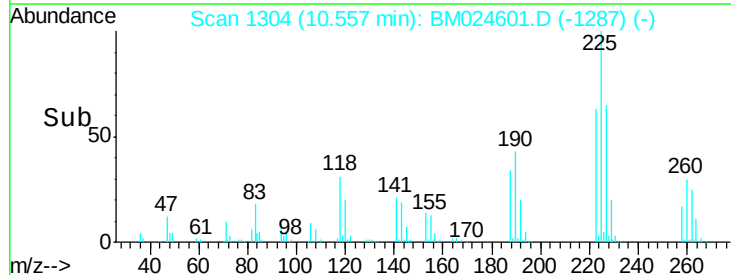
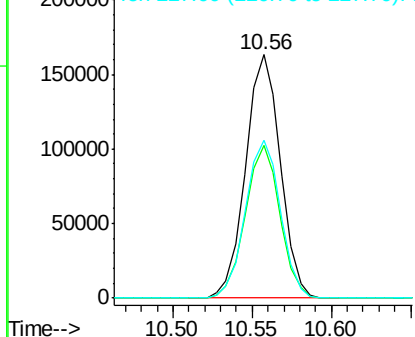


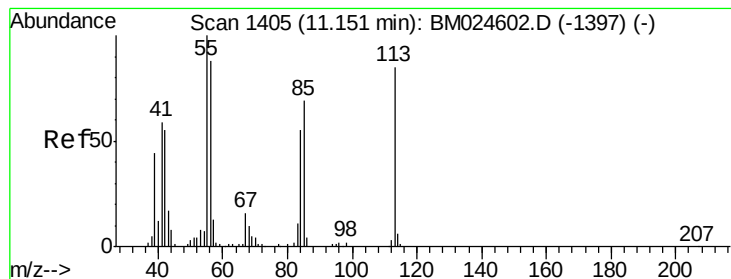
#34
Hexachlorobutadiene
Concen: 21.426 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion:225	Resp:	248343
Ion Ratio	Lower	Upper
225	100	
223	62.7	50.7 76.1
227	64.8	51.4 77.0



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: 20.839 ng

RT: 11.13 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

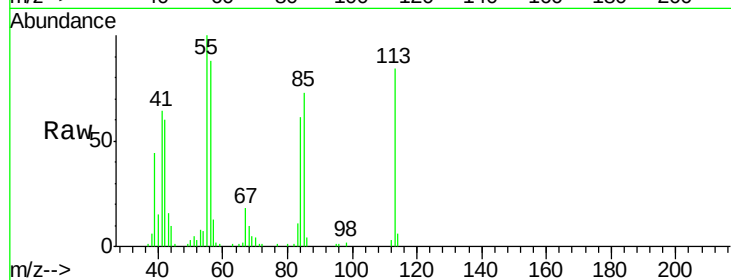
Tot Ion:113 Resp: 91489

Ion Ratio Lower Upper

113 100

55 118.9 97.5 137.5

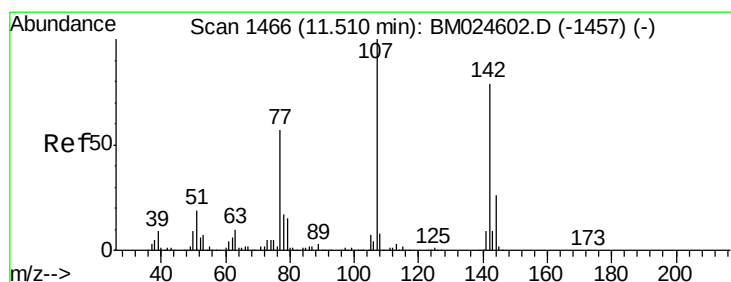
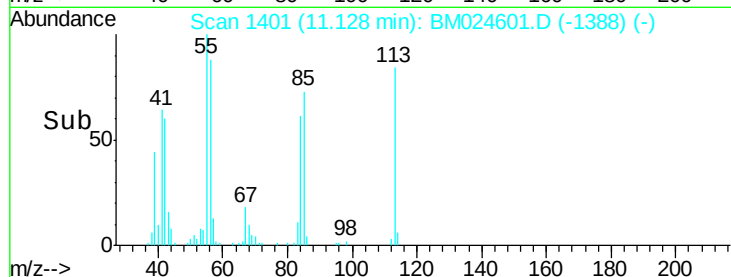
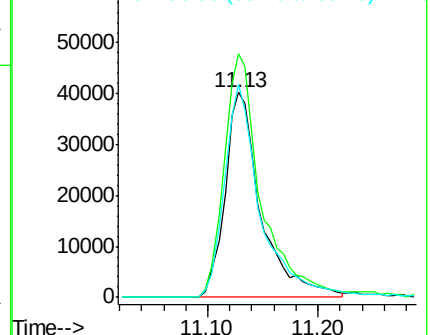
56 104.3 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 20.856 ng

RT: 11.50 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

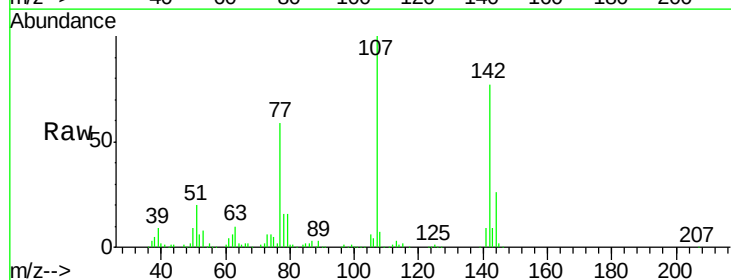
Tgt Ion:107 Resp: 314895

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

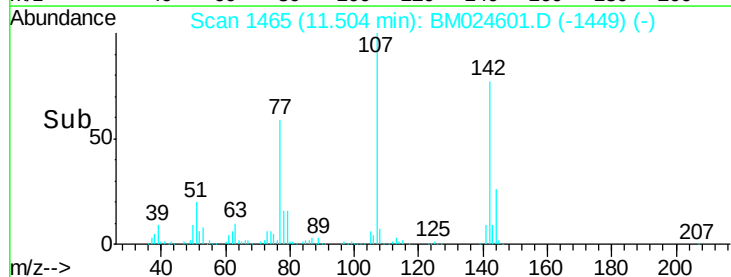
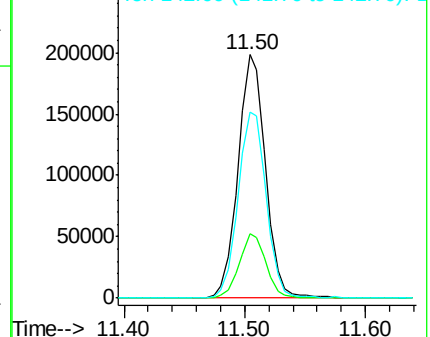
142 76.5 62.8 94.2

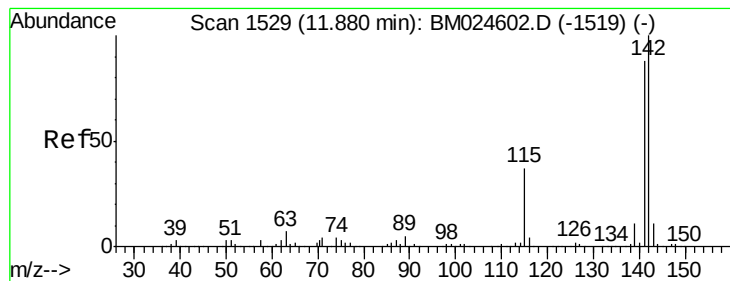


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

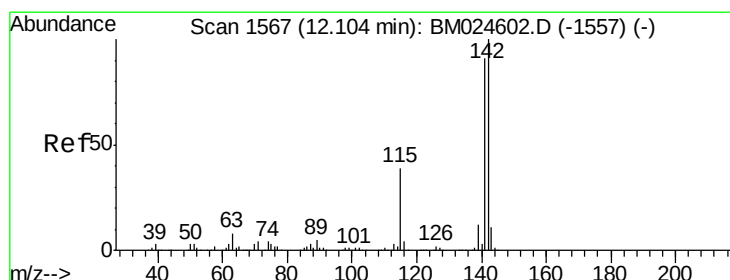
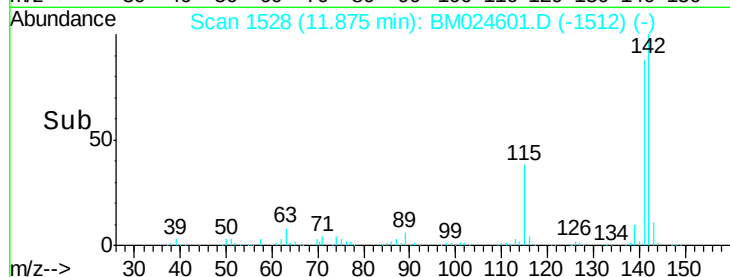
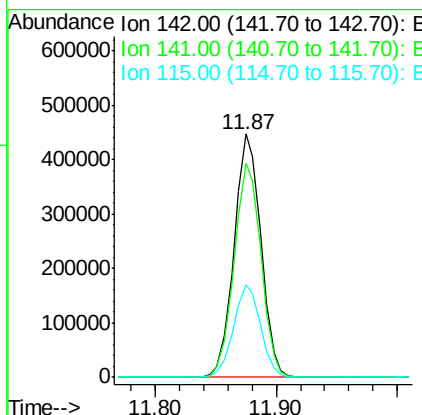
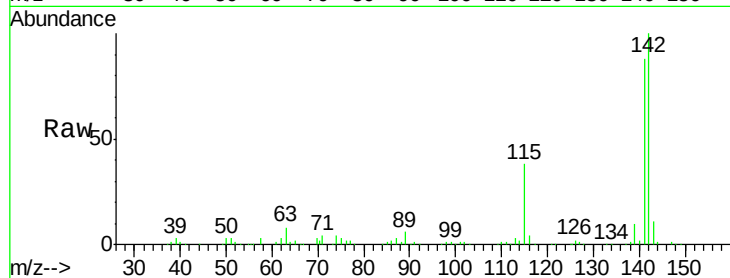




#37
2-Methylnaphthalene
Concen: 19.500 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

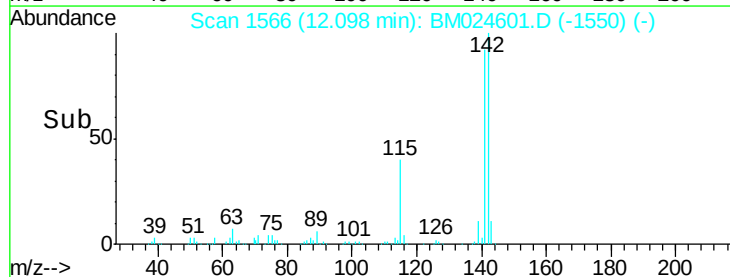
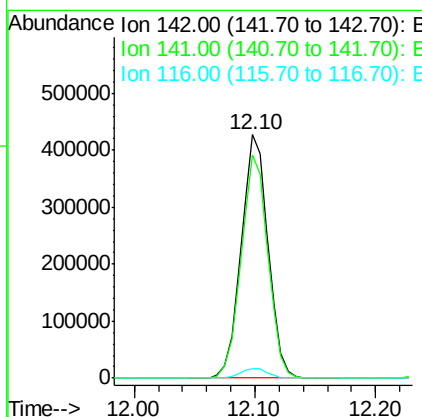
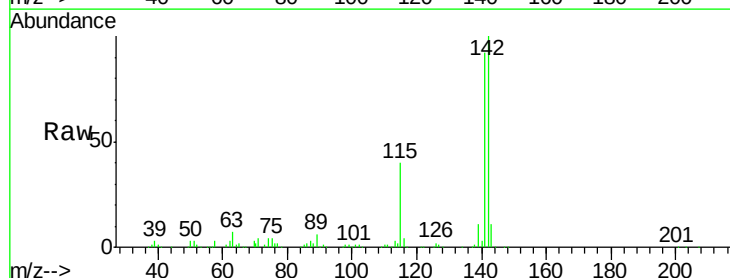
Instrument :
BNA_M
ClientSampled :

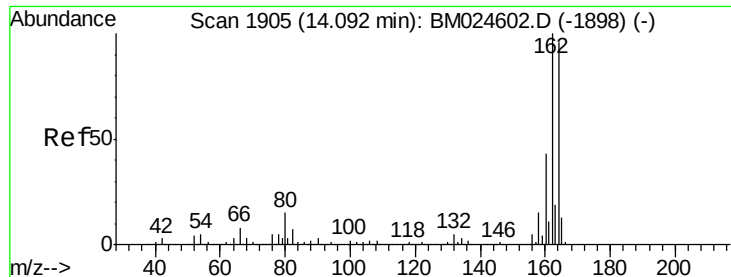
Tot Ion:142 Resp: 691309
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2
115 38.2 29.7 44.5



#38
1-Methylnaphthalene
Concen: 19.573 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion:142 Resp: 661087
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

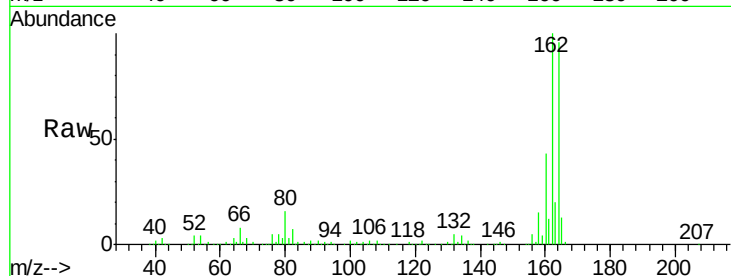
Tot Ion:164 Resp: 627069

Ion Ratio Lower Upper

164 100

162 104.0 82.9 124.3

160 44.5 35.5 53.3

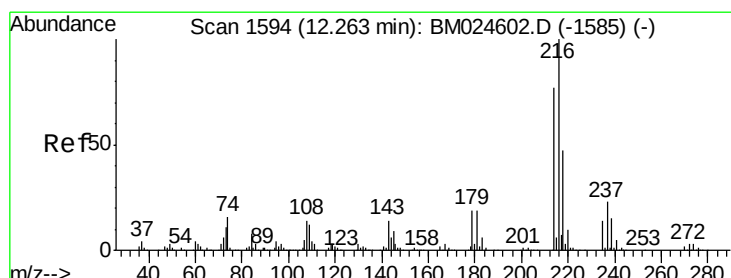
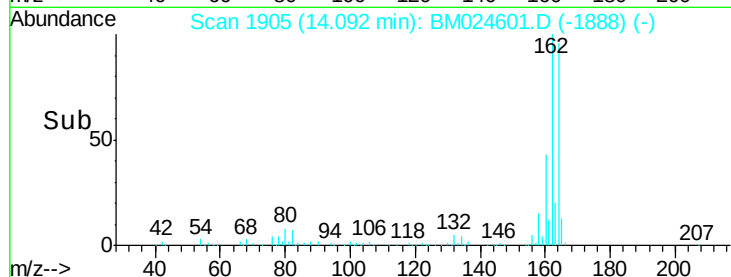
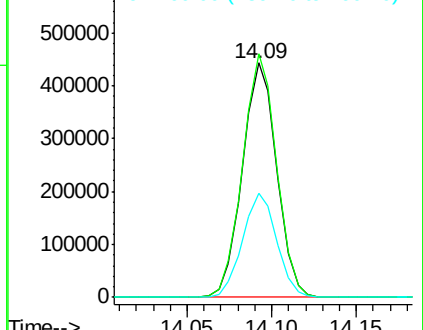


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.396 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Tgt Ion:216 Resp: 446830

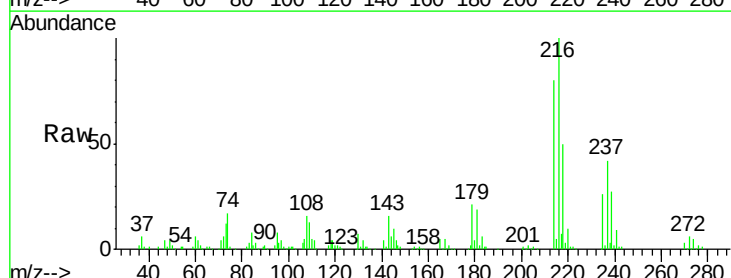
Ion Ratio Lower Upper

216 100

214 78.6 62.3 93.5

179 20.1 16.1 24.1

108 16.2 13.0 19.6



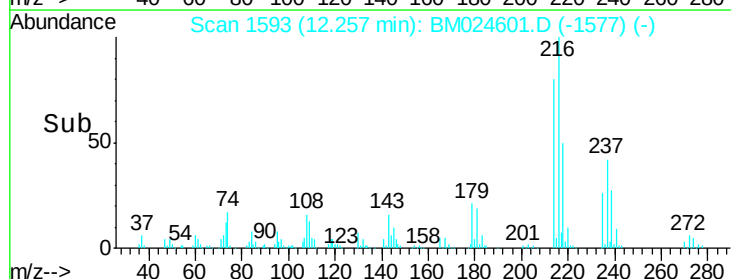
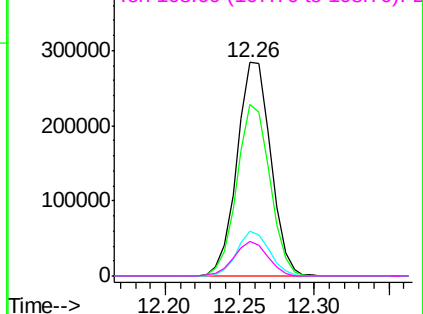
Abundance

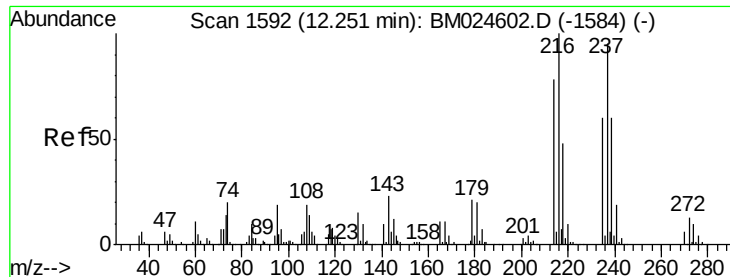
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 20.669 ng

RT: 12.25 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampled :

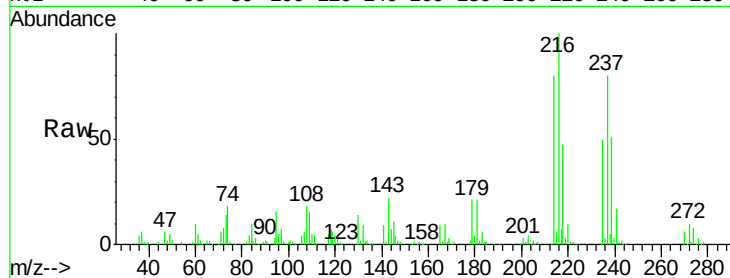
Tot Ion:237 Resp: 249969

Ion Ratio Lower Upper

237 100

235 62.3 43.3 83.3

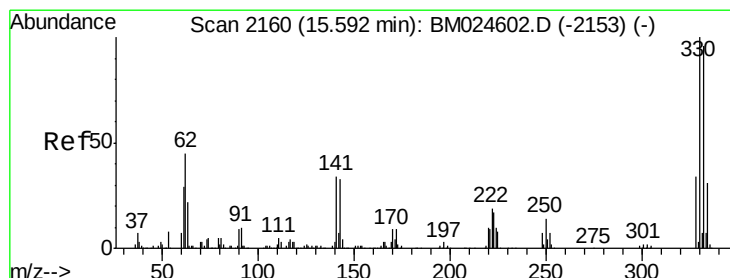
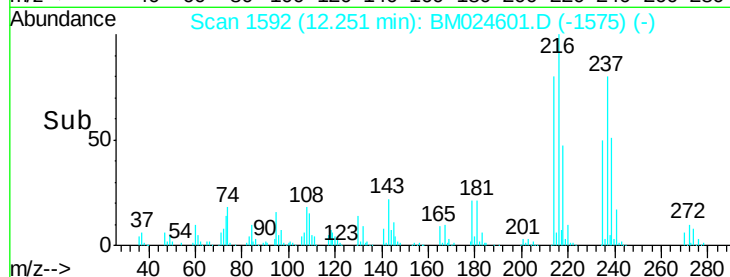
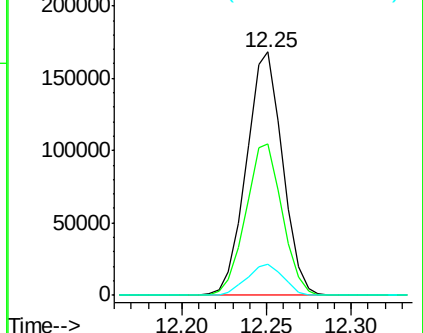
272 12.9 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 46.489 ng

RT: 15.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

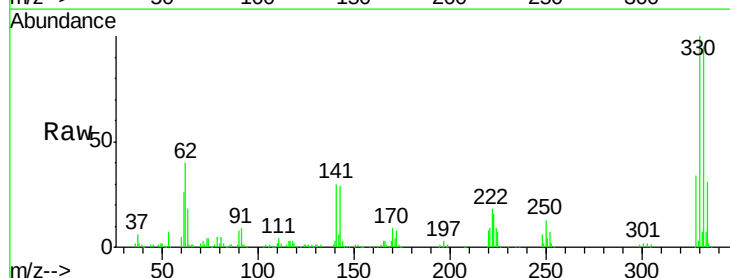
Tgt Ion:330 Resp: 400934

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

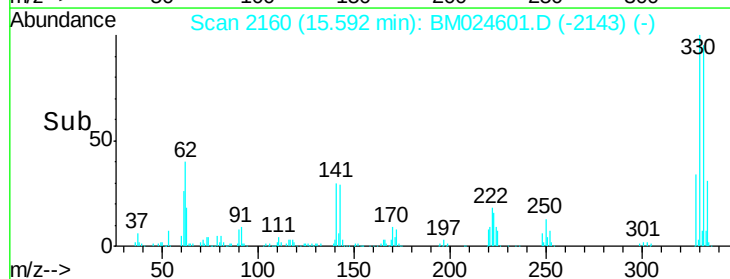
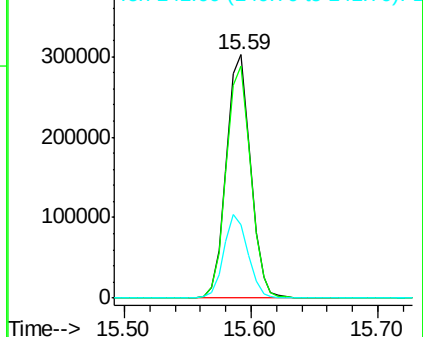
141 34.0 26.9 40.3

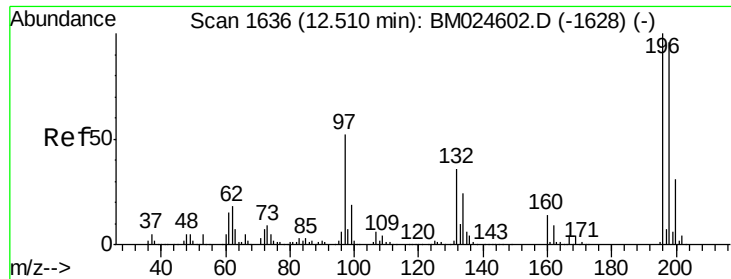


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

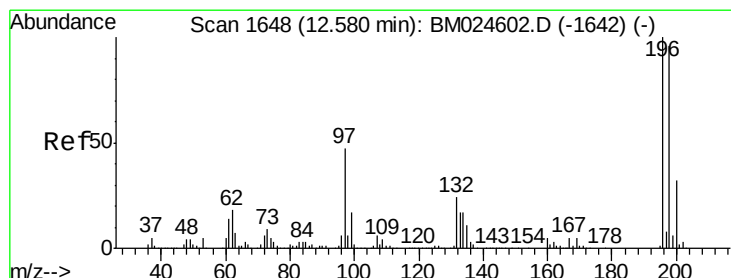
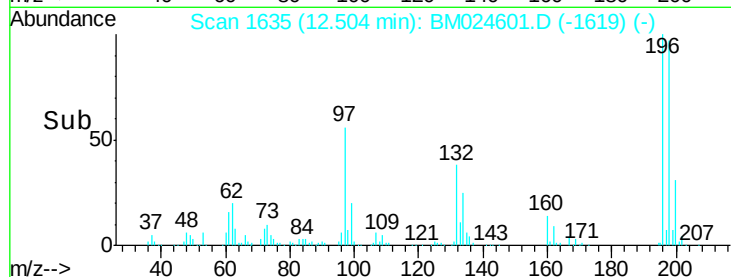
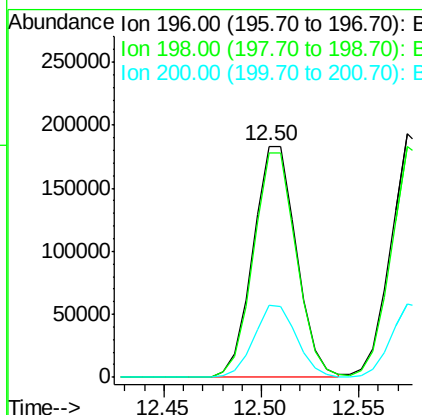
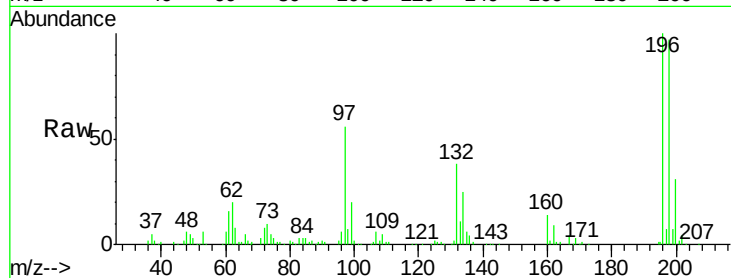




#43
 2,4,6-Trichlorophenol
 Concen: 22.537 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

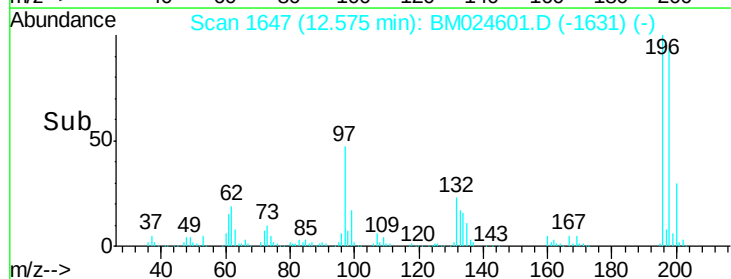
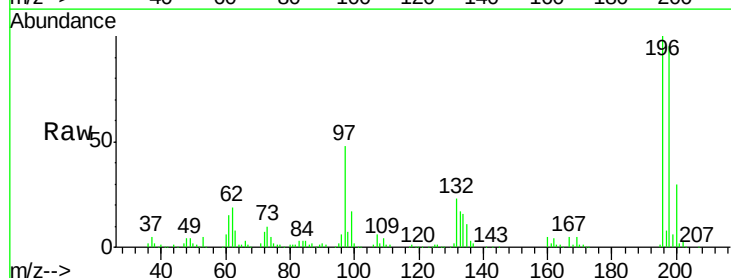
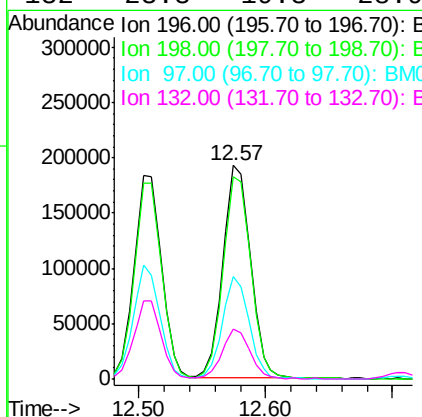
Instrument :
 BNA_M
 ClientSampleId :

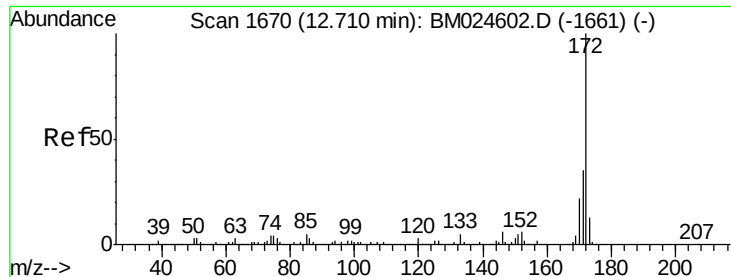
Tot Ion	196	Resp	281217
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.5	114.7
200	30.9	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 21.656 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Tgt Ion	196	Resp	290816
Ion Ratio	Lower	Upper	
196	100		
198	94.6	77.2	115.8
97	48.2	37.4	56.0
132	23.3	19.3	28.9



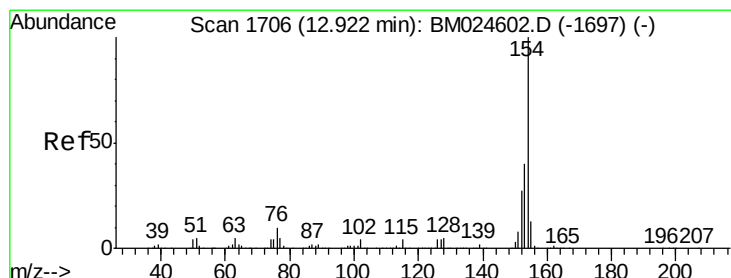
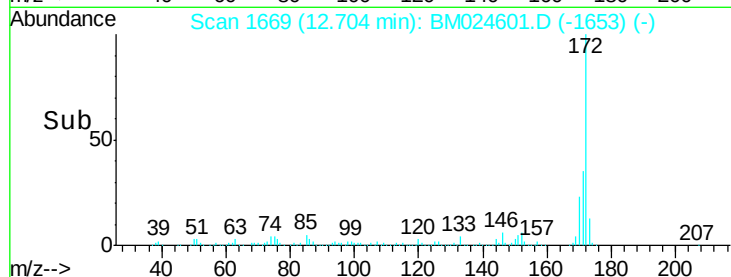
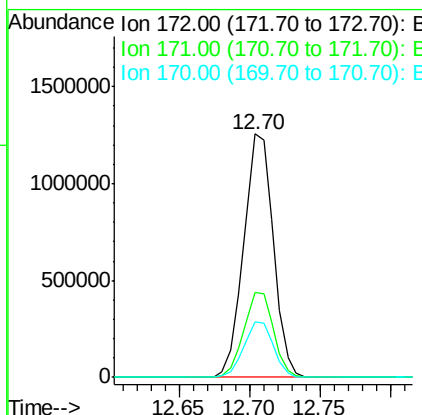
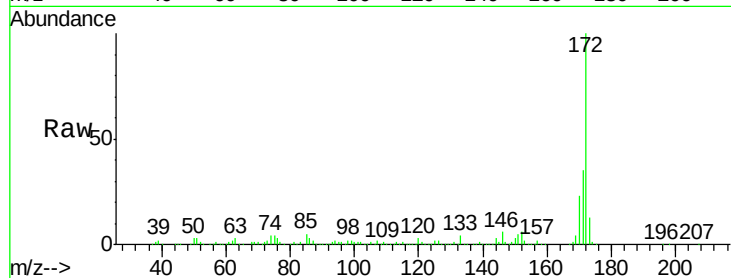


#45
 2-Fluorobiphenyl
 Concen: 39.567 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1853385

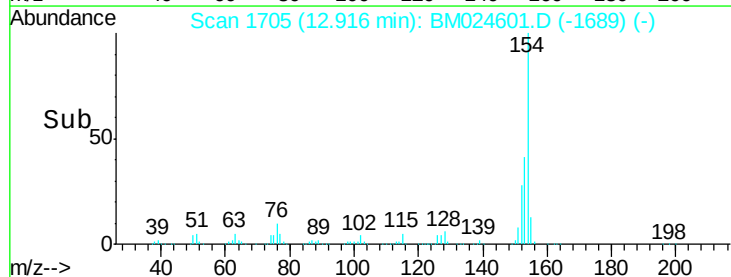
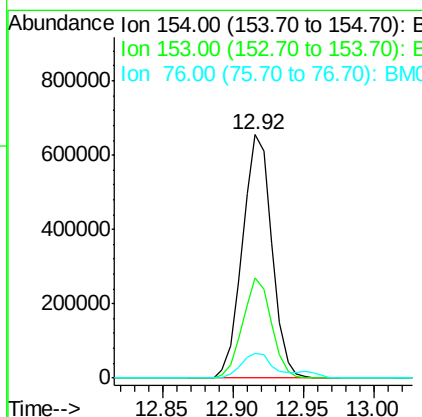
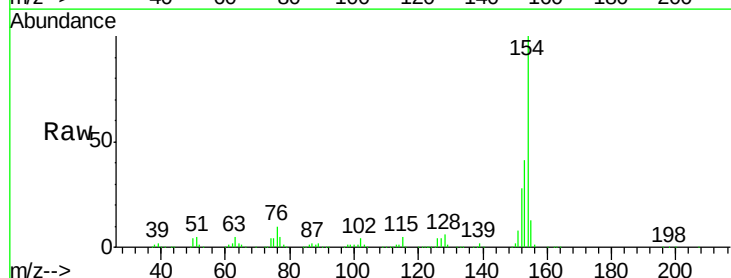
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.9	17.9	26.9

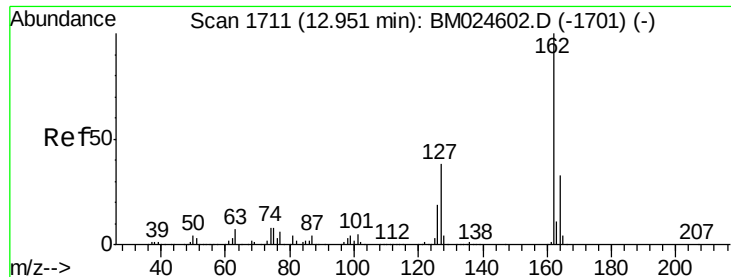


#46
 1,1'-Biphenyl
 Concen: 18.949 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Tgt Ion:154 Resp: 955037

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	10.2	0.0	30.5

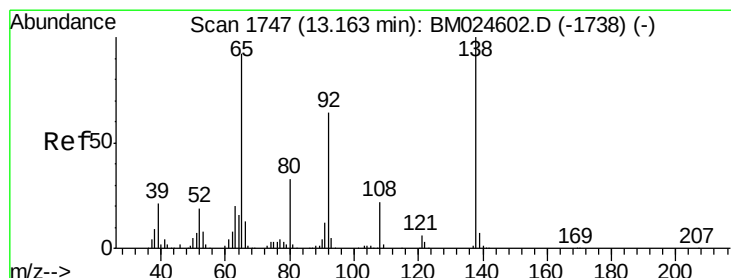
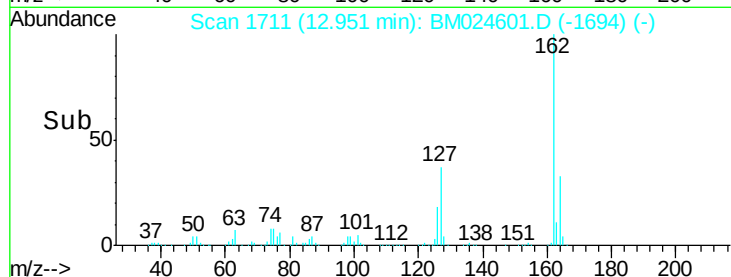
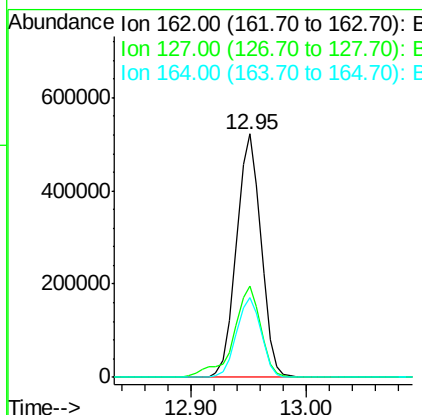
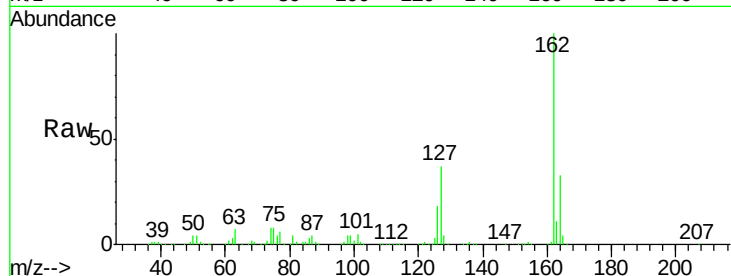




#47
 2-Chloronaphthalene
 Concen: 18.852 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

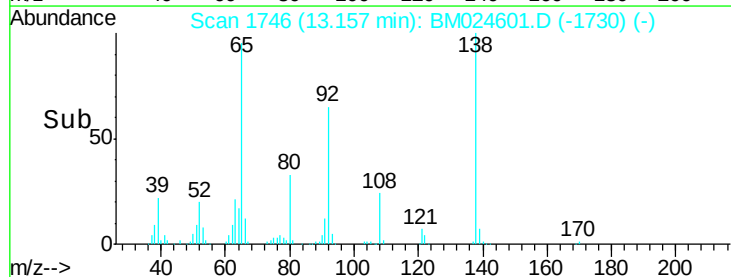
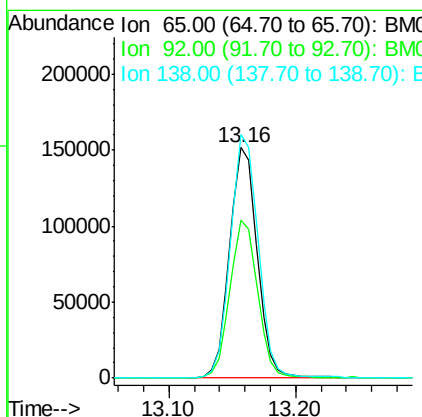
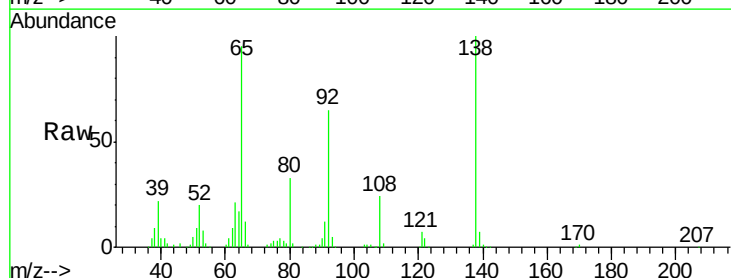
Instrument :
 BNA_M
 ClientSampleId :

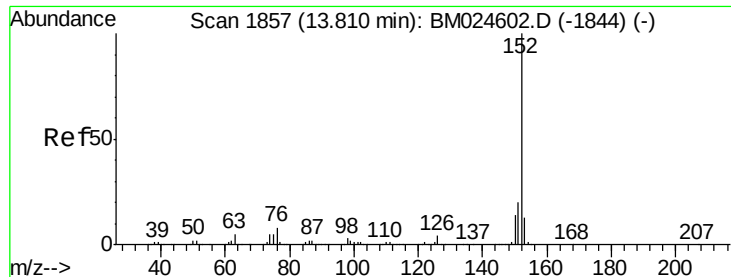
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.4	45.6
164	32.9	26.5	39.7



#48
 2-Nitroaniline
 Concen: 18.493 ng
 RT: 13.16 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	55.4	83.2
138	105.7	86.6	129.8





#49

Acenaphthylene

Concen: 18.558 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

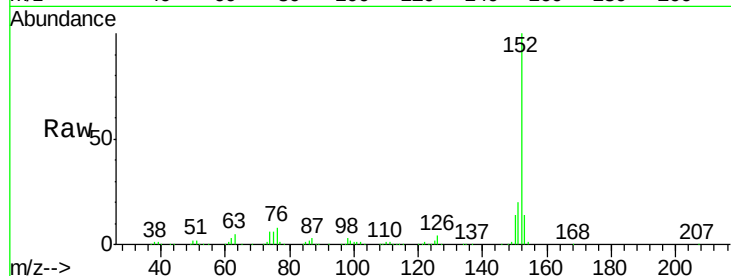
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 1147788

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.6
153	13.6	10.4	15.6

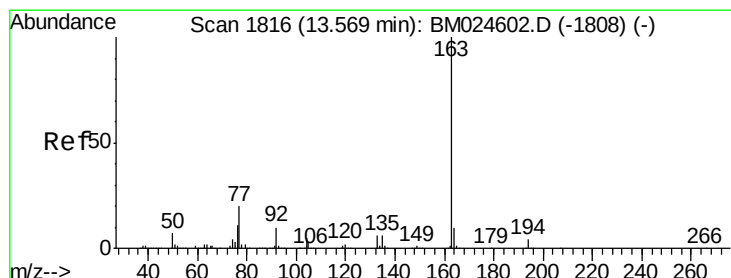
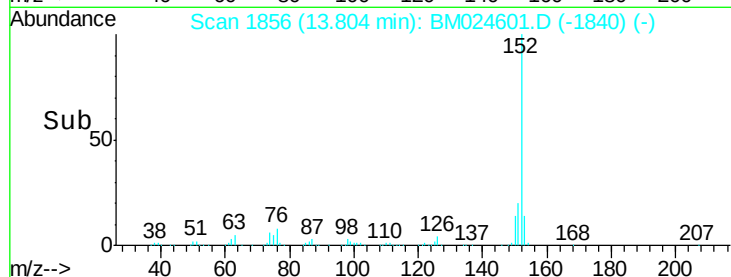
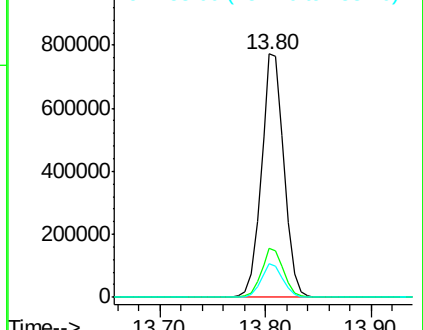


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 19.838 ng

RT: 13.56 min Scan# 1815

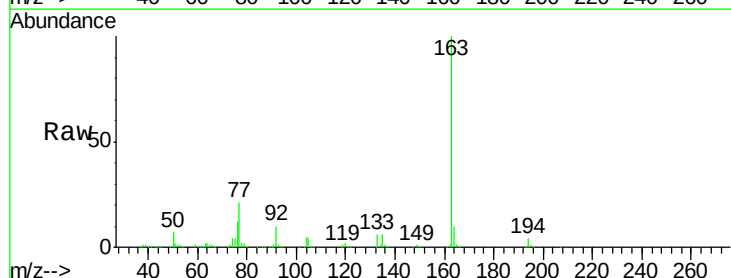
Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Tgt Ion:163 Resp: 1031207

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.1	8.0	12.0

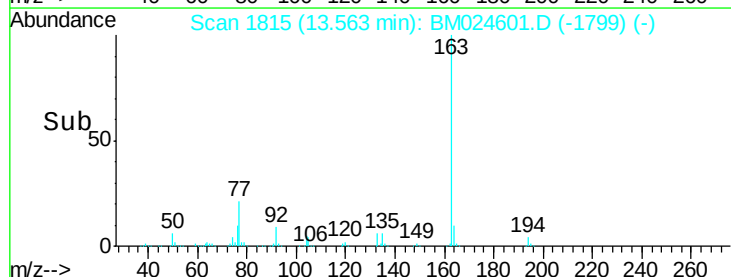
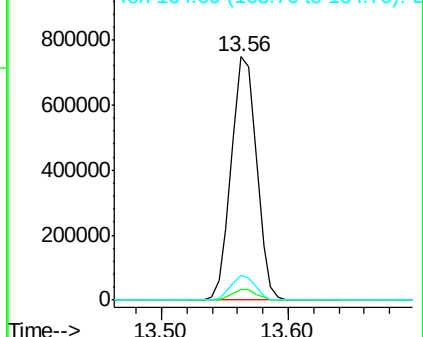


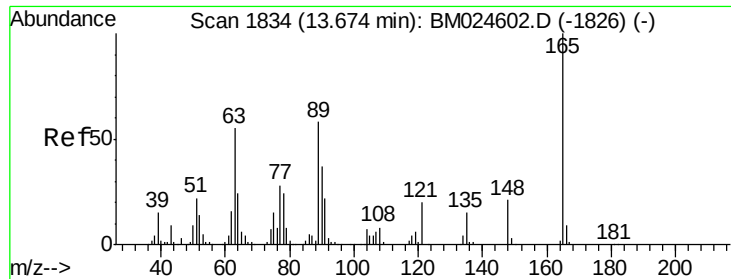
Abundance

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

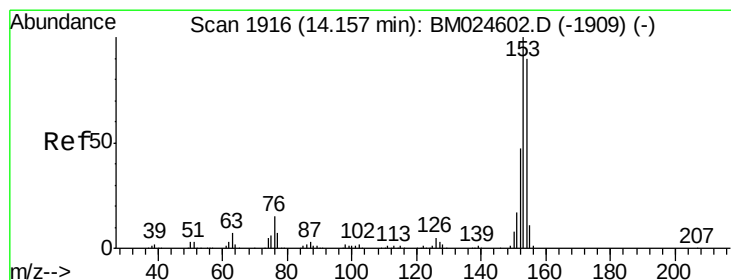
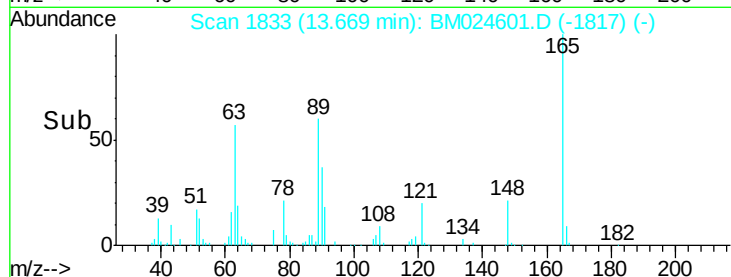
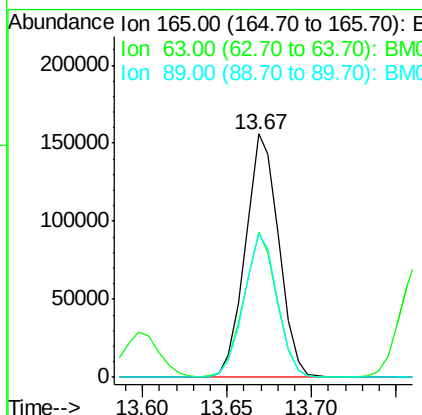
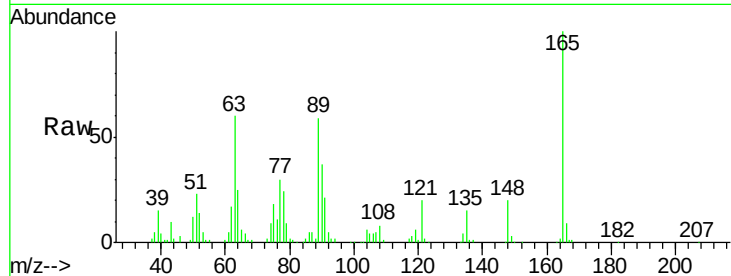




#51
 2,6-Dinitrotoluene
 Concen: 19.323 ng
 RT: 13.67 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

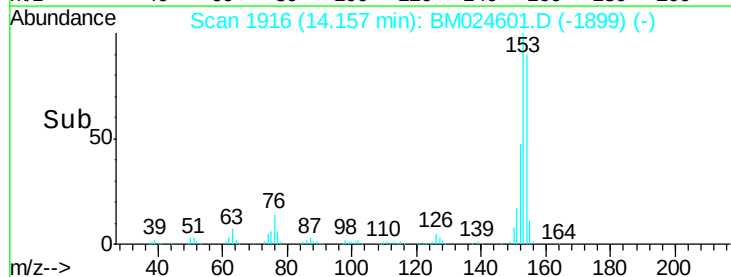
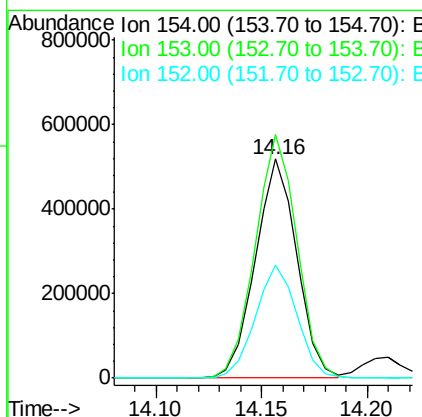
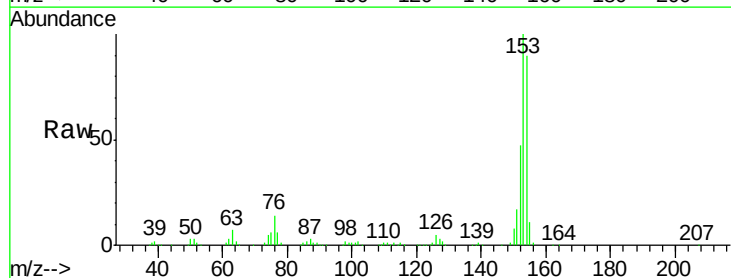
Instrument :
 BNA_M
 ClientSampleId :

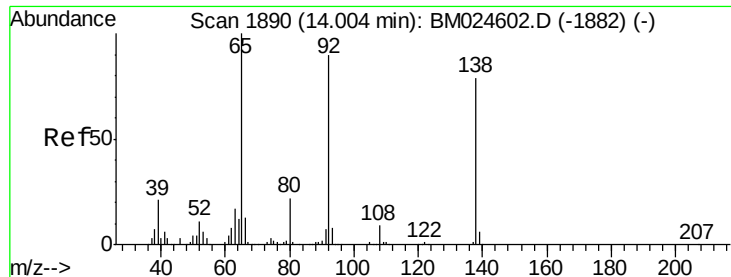
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.6	45.4	68.0
89	59.0	46.6	69.8



#52
 Acenaphthene
 Concen: 18.677 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.1	133.7
152	51.8	41.9	62.9





#53

3-Nitroaniline

Concen: 18.185 ng

RT: 14.00 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

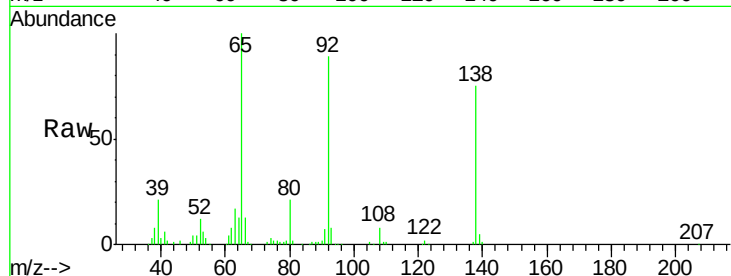
Tot Ion:138 Resp: 220071

Ion Ratio Lower Upper

138 100

108 11.2 8.7 13.1

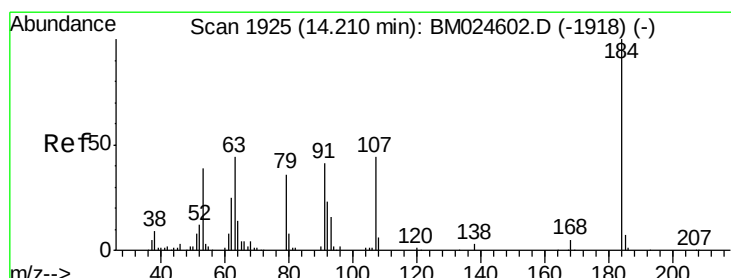
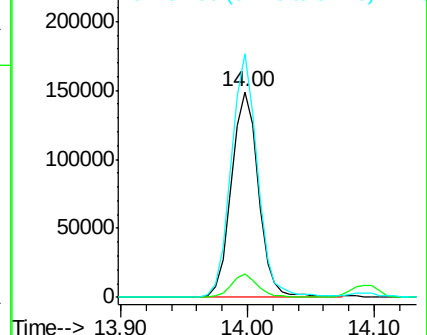
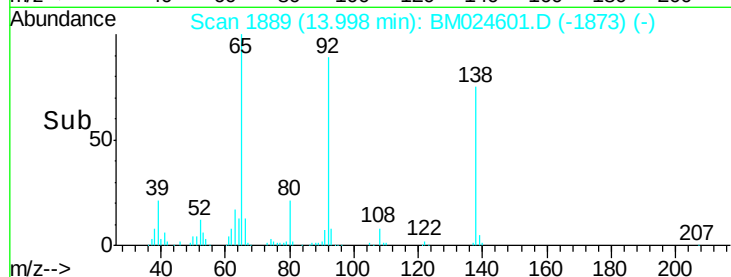
92 118.3 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 24.923 ng

RT: 14.21 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

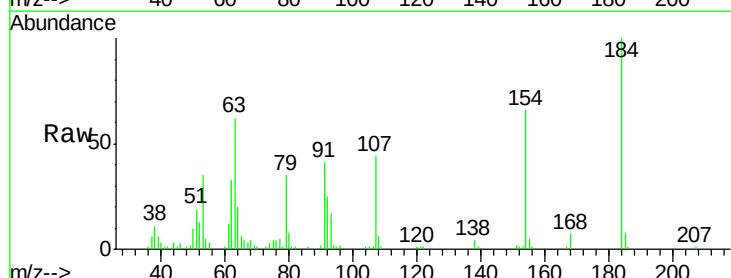
Tgt Ion:184 Resp: 111726

Ion Ratio Lower Upper

184 100

63 61.9 51.8 77.8

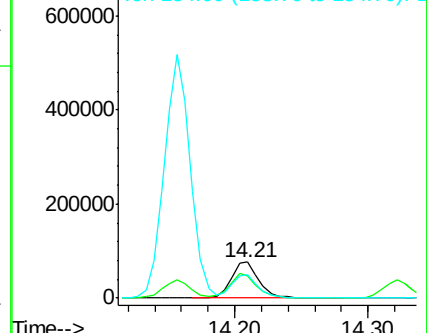
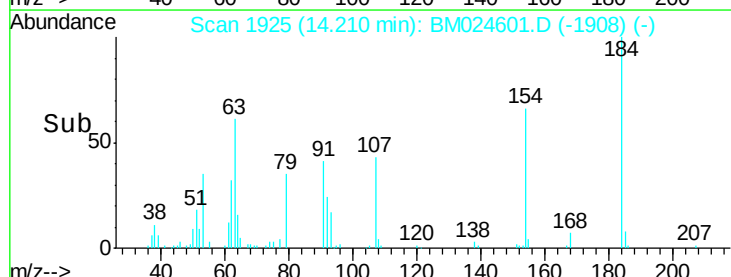
154 65.5 50.2 75.4

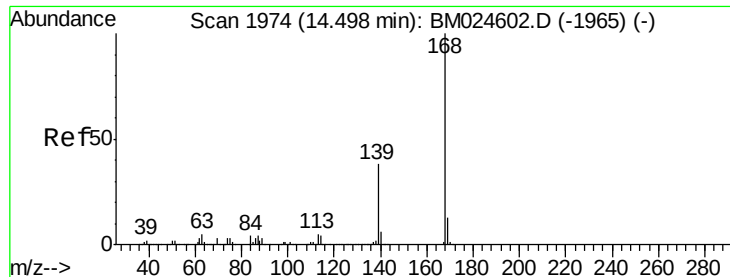


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



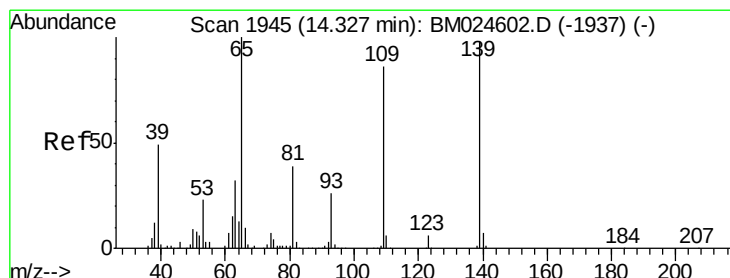
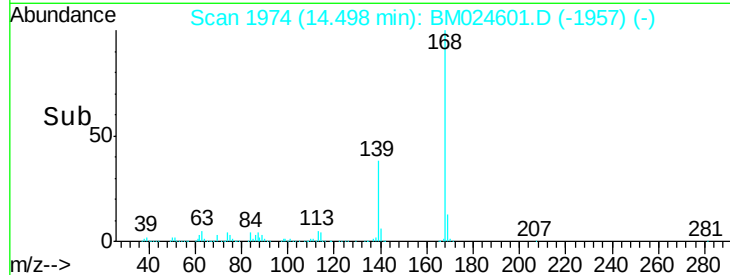
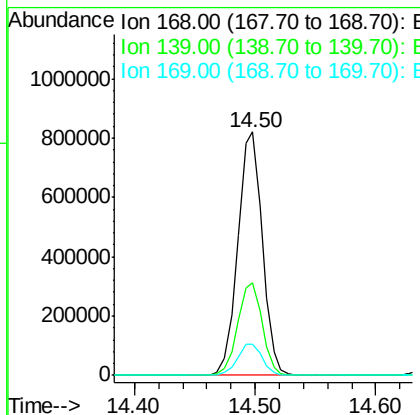
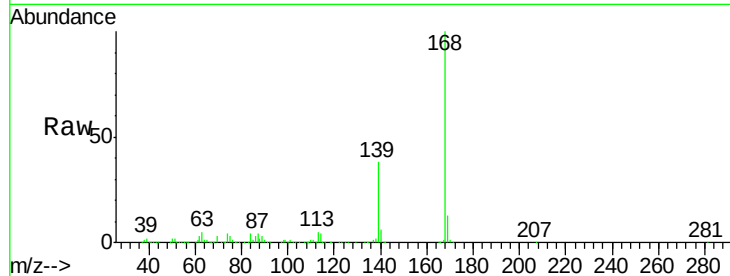


#55
Dibenzofuran
Concen: 19.071 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Instrument :
BNA_M
ClientSampled :

Tot Ion:168 Resp: 1167303

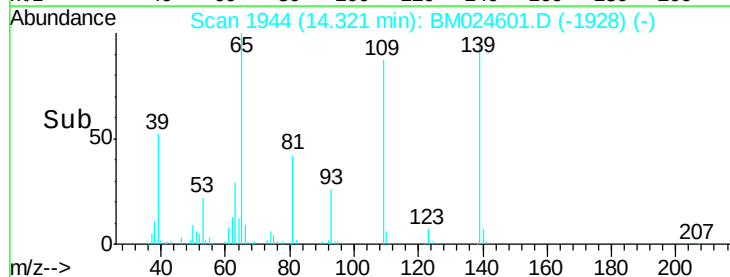
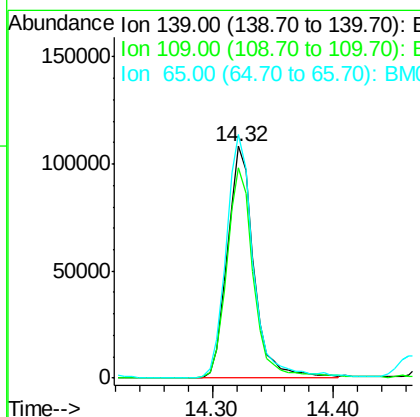
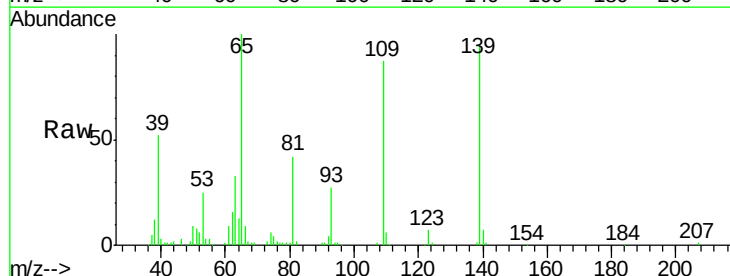
Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.2	45.4
169	12.7	10.7	16.1

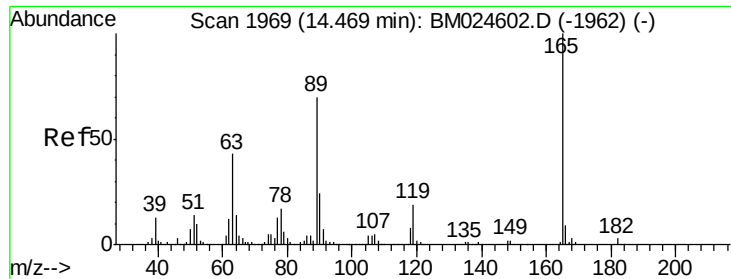


#56
4-Nitrophenol
Concen: 18.447 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion:139 Resp: 165760

Ion	Ratio	Lower	Upper
139	100		
109	90.9	67.4	107.4
65	105.0	82.1	122.1

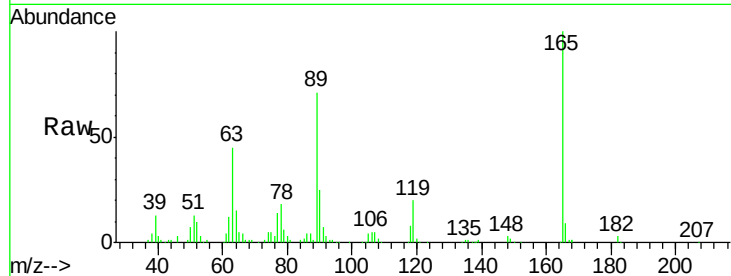




#57
 2,4-Dinitrotoluene
 Concen: 19.050 ng
 RT: 14.46 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.8	34.5	51.7
89	70.9	55.8	83.8
182	2.8	2.3	3.5

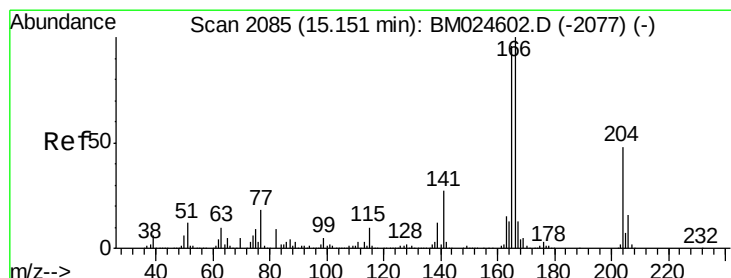
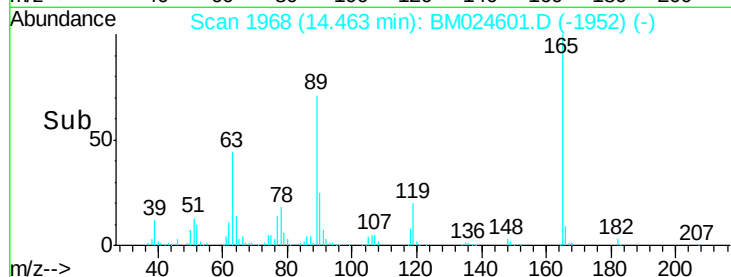
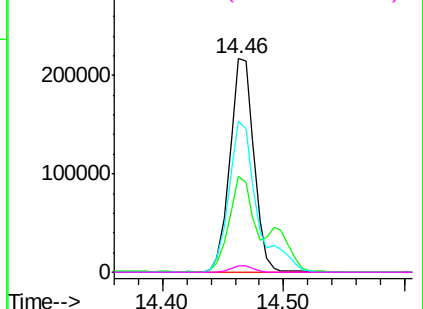


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

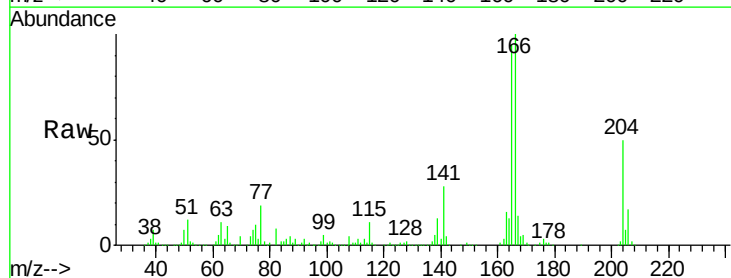
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 18.474 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

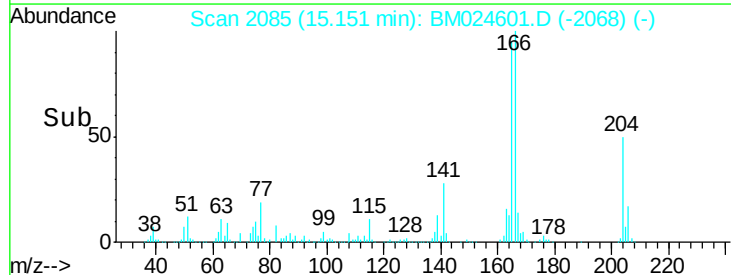
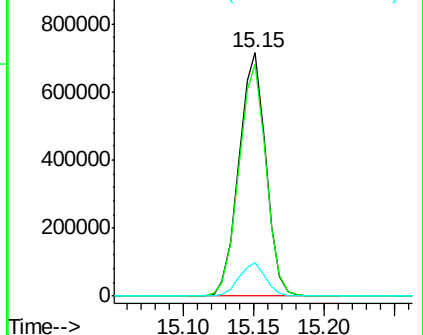
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	76.6	114.8
167	13.7	10.8	16.2

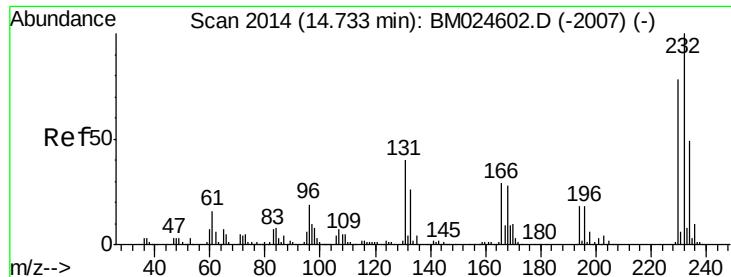


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

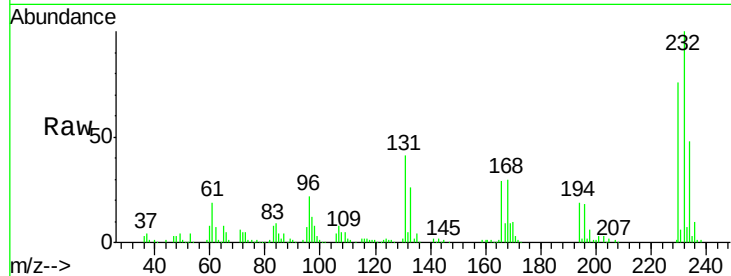




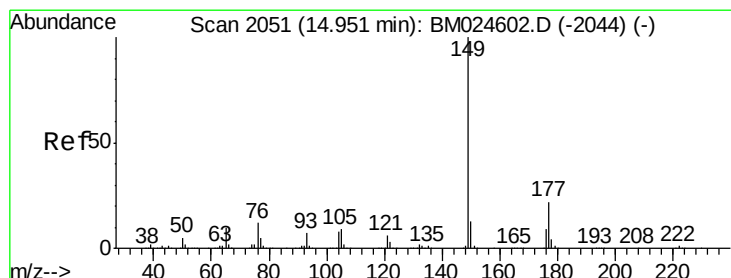
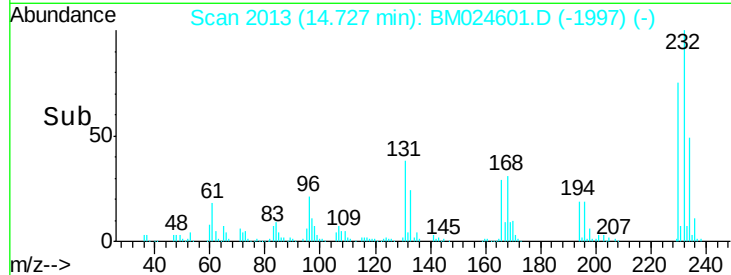
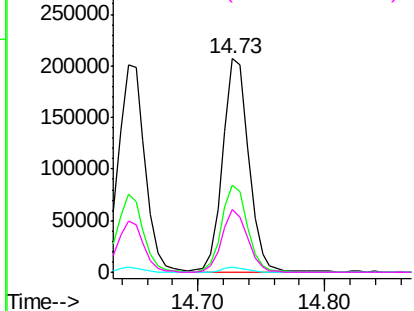
#59
2,3,4,6-Tetrachlorophenol
Concen: 23.328 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.9	32.2	48.4
130	2.2	1.9	2.9
166	29.4	23.4	35.0

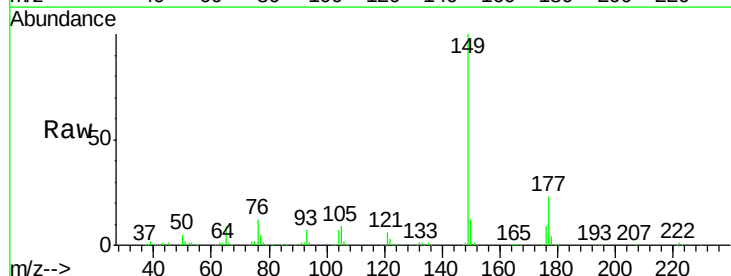


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

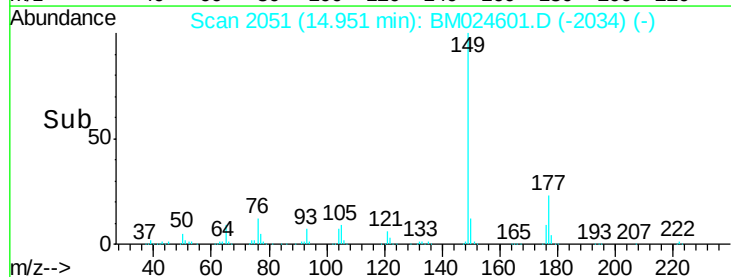
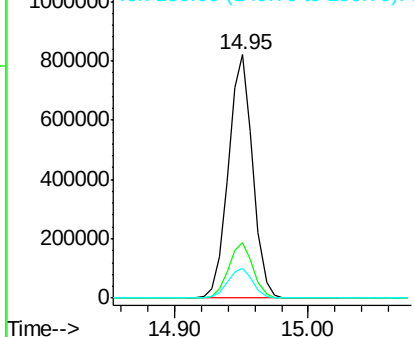


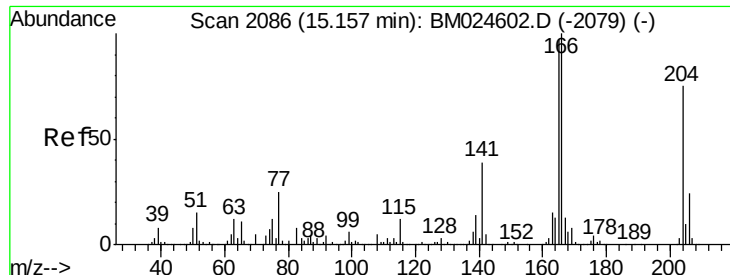
#60
Diethylphthalate
Concen: 19.416 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.0	27.0
150	12.0	10.2	15.4



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

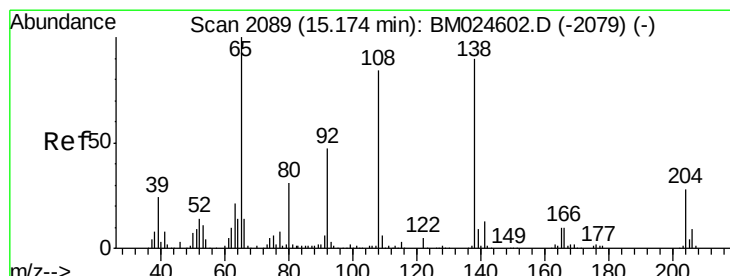
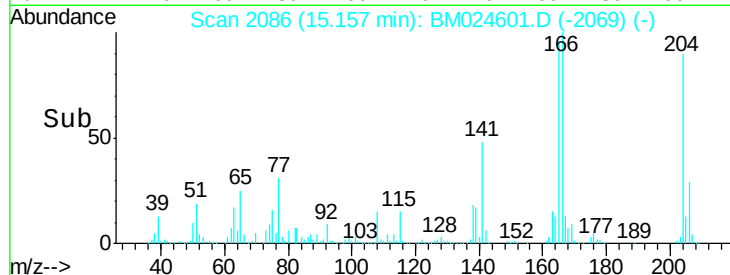
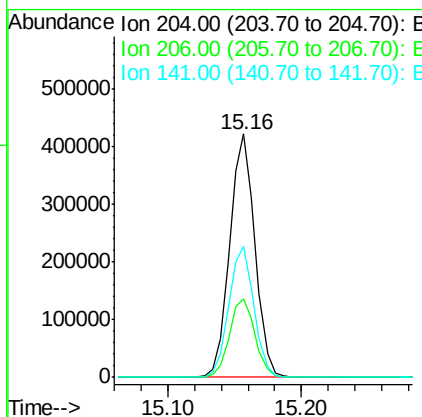
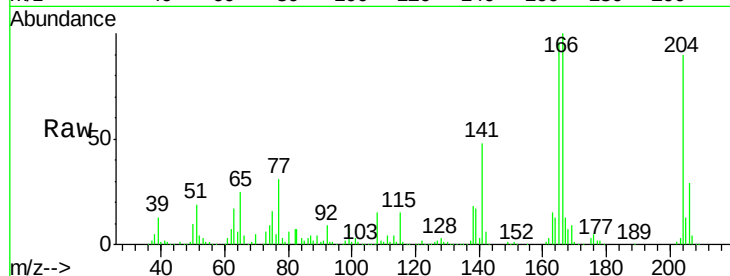




#61
 4-Chlorophenyl-phenylether
 Concen: 19.805 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

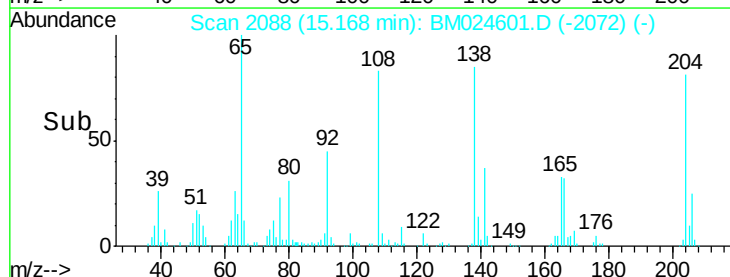
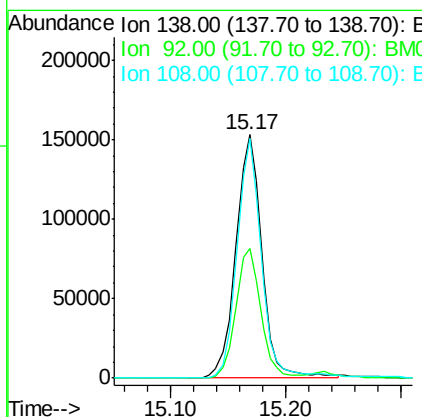
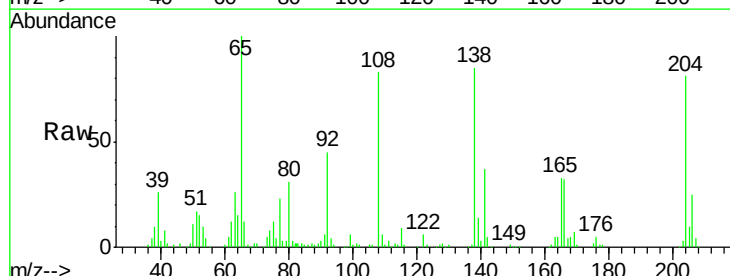
Instrument :
 BNA_M
 ClientSampleId :

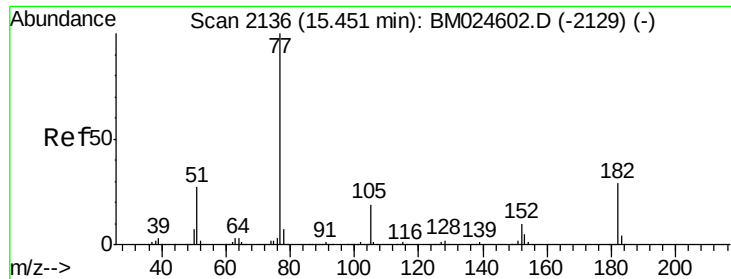
Tot Ion:	204	Resp:	558681
Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	53.9	42.2	63.2



#62
 4-Nitroaniline
 Concen: 17.469 ng
 RT: 15.17 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Tgt Ion:	138	Resp:	239122
Ion	Ratio	Lower	Upper
138	100		
92	53.4	32.4	72.4
108	98.3	73.3	113.3





#63

Azobenzene

Concen: 18.396 ng

RT: 15.44 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 884425

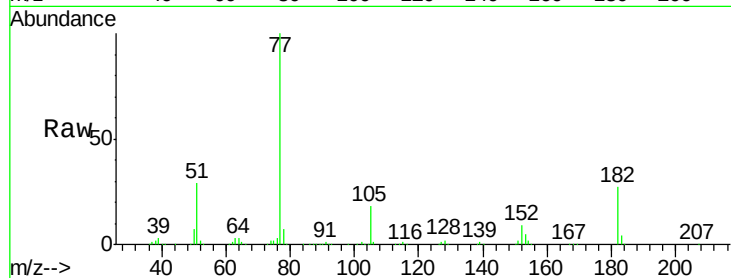
Ion Ratio Lower Upper

77 100

182 26.6 8.7 48.7

105 18.2 0.0 39.2

51 28.8 7.5 47.5

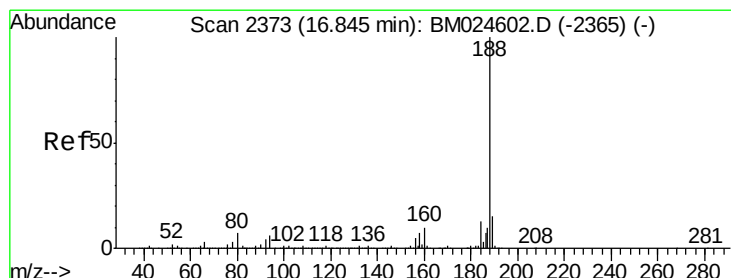
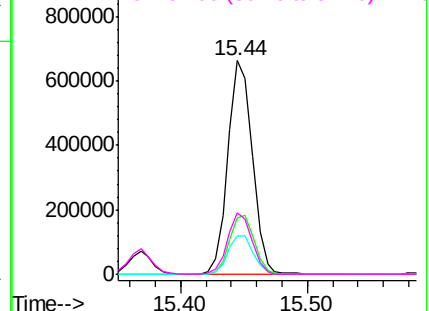
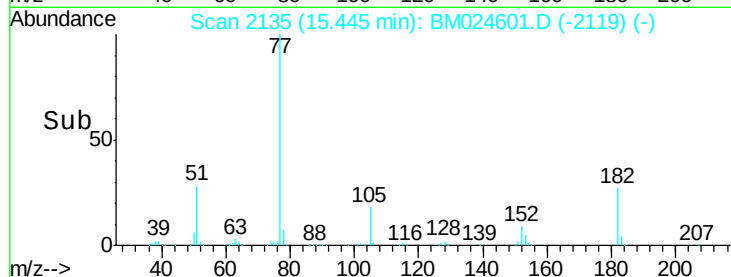


Abundance Ion 77.00 (76.70 to 77.70): BM024601.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024601.D (-2119) (-)

Ion 105.00 (104.70 to 105.70): BM024601.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024601.D (-2119) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

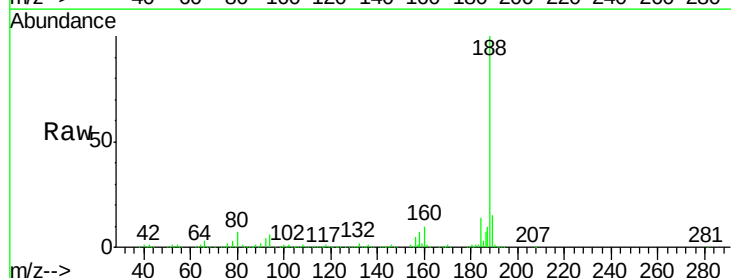
Tgt Ion: 188 Resp: 1466585

Ion Ratio Lower Upper

188 100

94 6.4 5.0 7.6

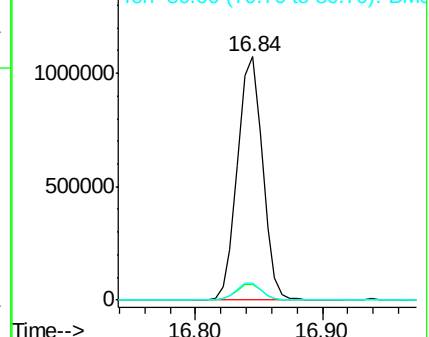
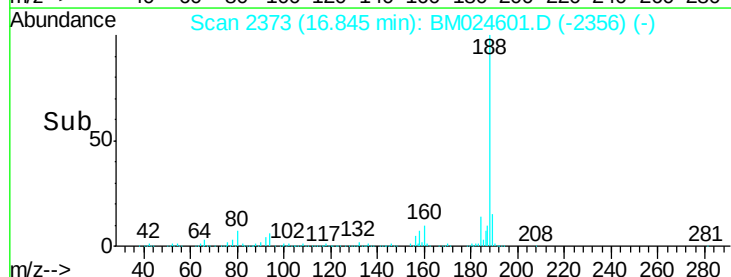
80 7.3 5.8 8.8

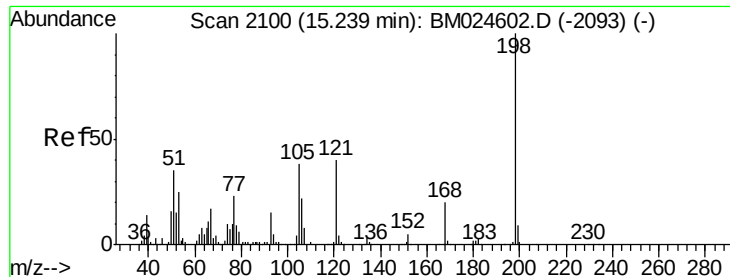


Abundance Ion 188.00 (187.70 to 188.70): BM024601.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024601.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024601.D (-2356) (-)

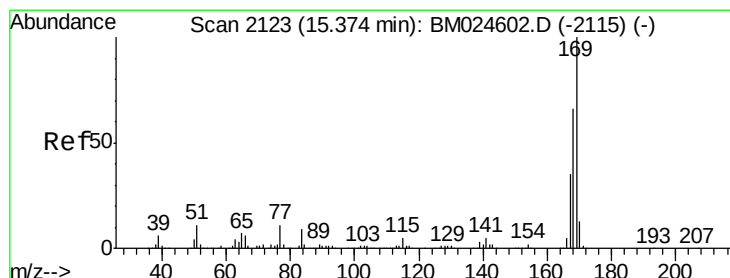
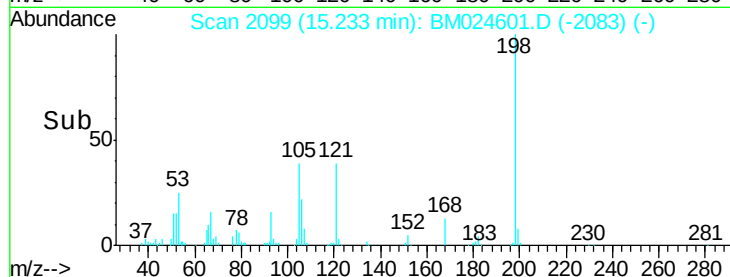
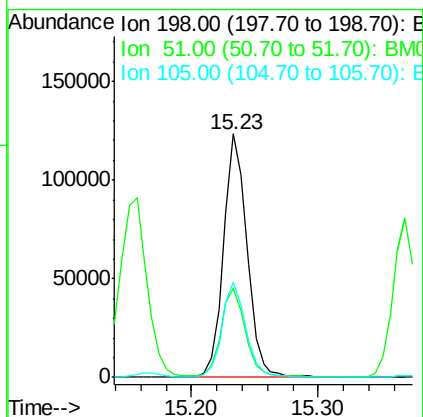
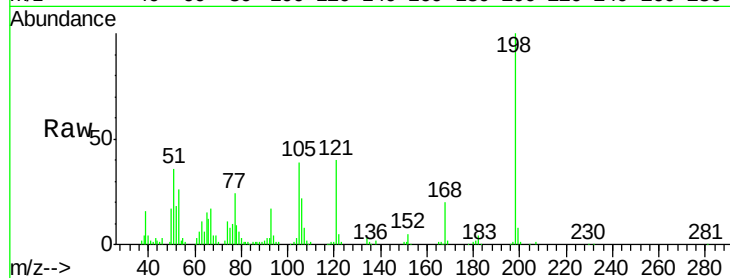




#65
4,6-Dinitro-2-methylphenol
Concen: 25.289 ng
RT: 15.23 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

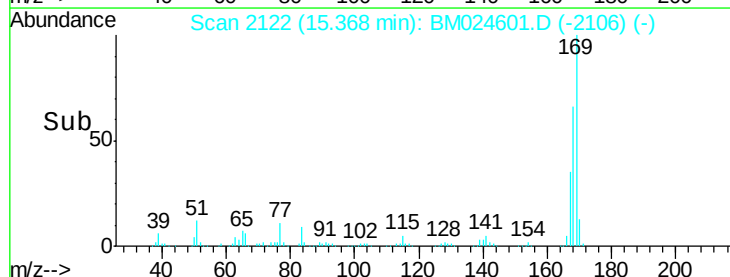
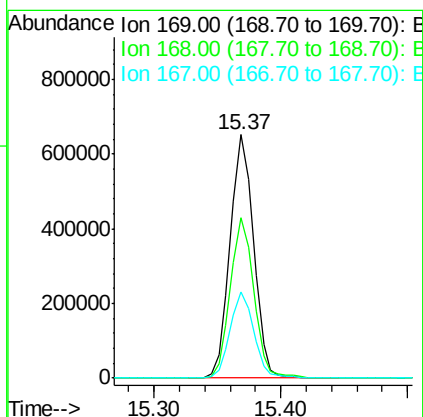
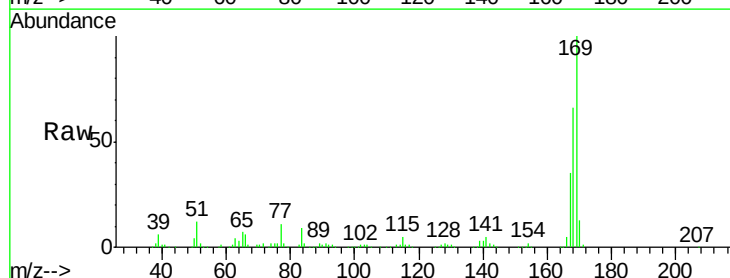
Instrument :
BNA_M
ClientSampleId :

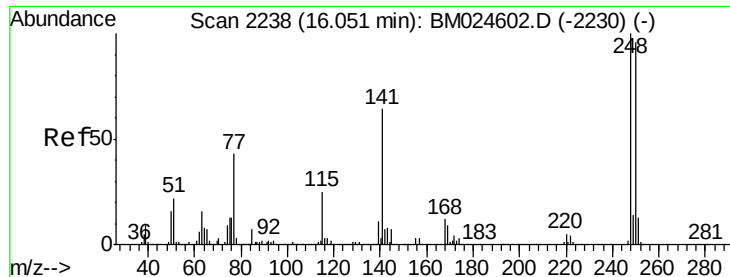
Tot Ion	198	Resp	158663
Ion	Ratio	Lower	Upper
198	100		
51	36.3	15.8	55.8
105	39.2	18.5	58.5



#66
n-Nitrosodiphenylamine
Concen: 19.245 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion	169	Resp	834648
Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.8	79.2
167	35.3	28.2	42.2

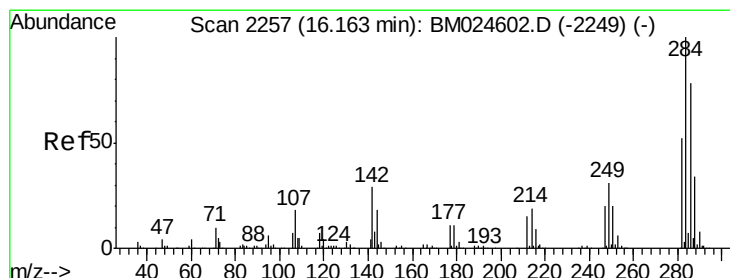
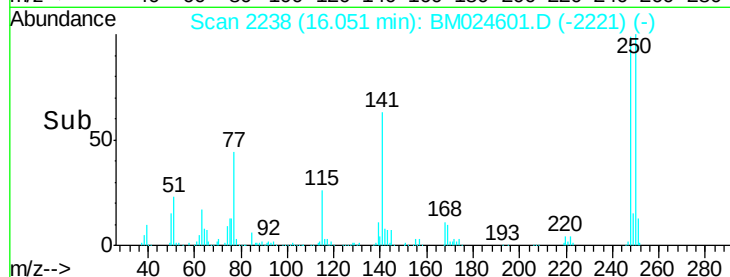
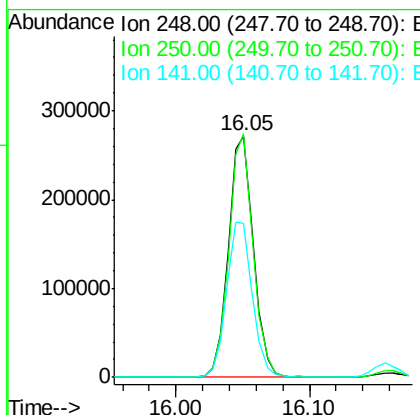
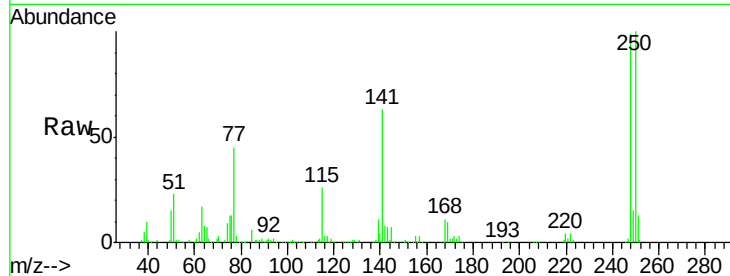




#67
4-Bromophenyl-phenylether
Concen: 20.177 ng
RT: 16.05 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

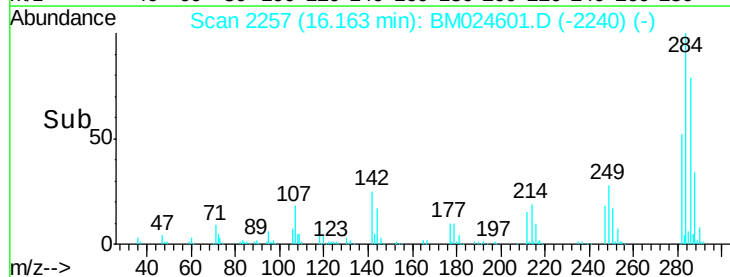
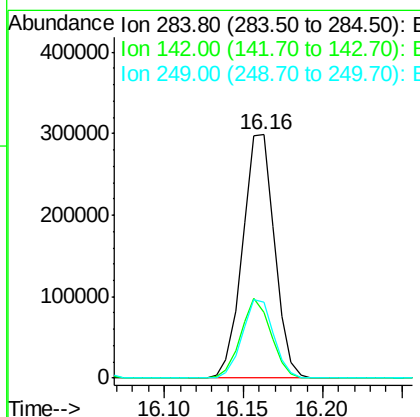
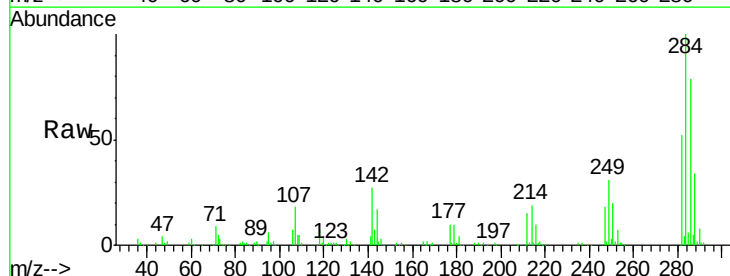
Instrument :
BNA_M
ClientSampleId :

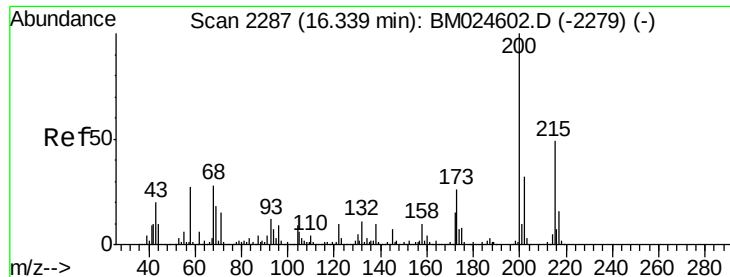
Tot Ion:248 Resp: 357065
Ion Ratio Lower Upper
248 100
250 100.9 77.0 115.6
141 64.0 50.9 76.3



#68
Hexachlorobenzene
Concen: 20.228 ng
RT: 16.16 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion:284 Resp: 416935
Ion Ratio Lower Upper
284 100
142 27.2 23.5 35.3
249 31.1 24.6 36.8

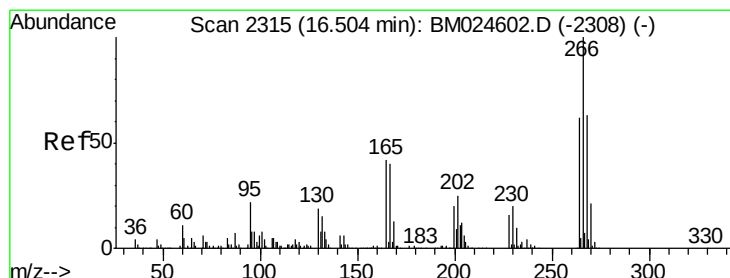
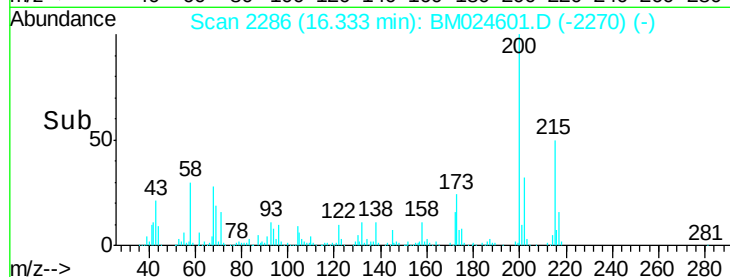
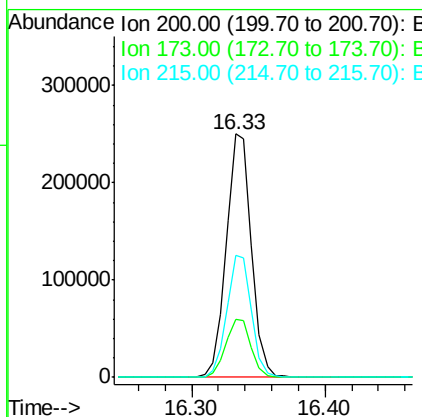
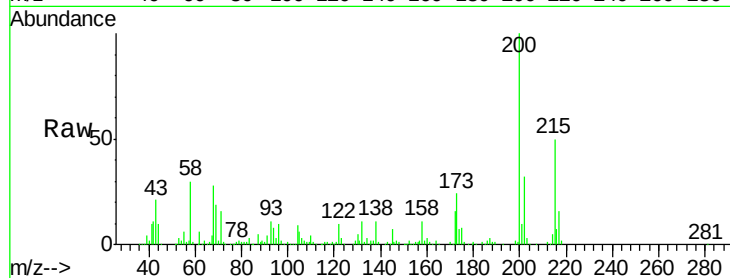




#69
Atrazine
Concen: 27.657 ng
RT: 16.33 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

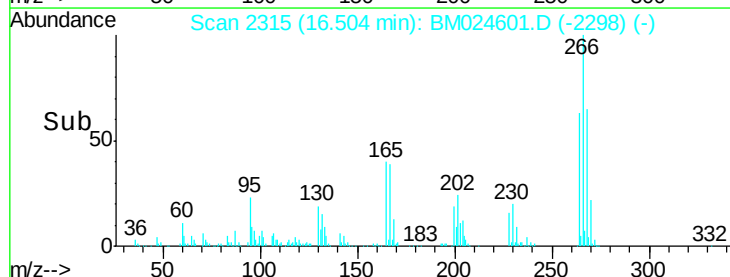
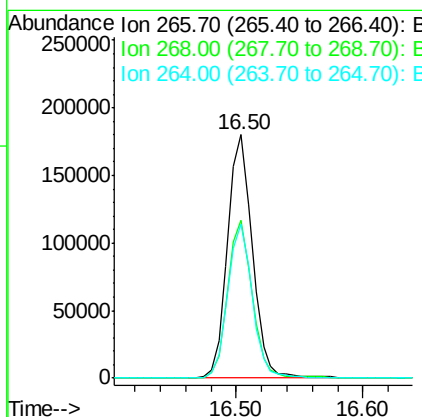
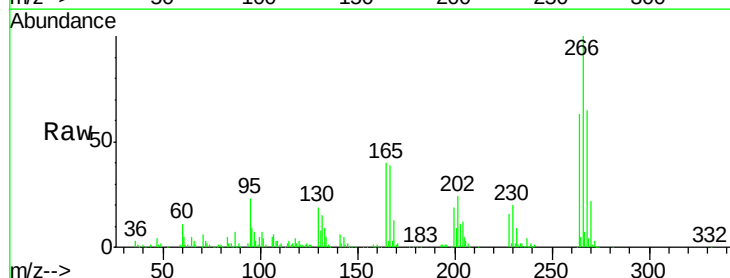
Instrument :
BNA_M
ClientSampleId :

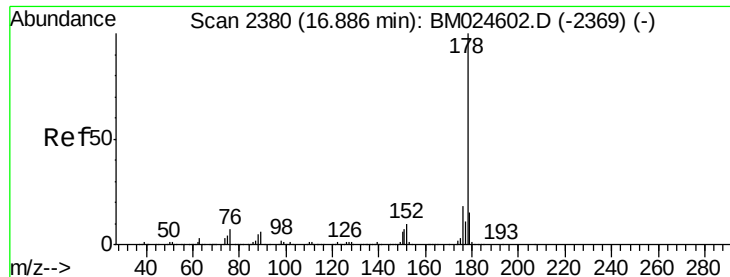
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.5	45.5
215	49.9	29.4	69.4



#70
Pentachlorophenol
Concen: 23.553 ng
RT: 16.50 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.4	75.6
264	63.0	49.9	74.9

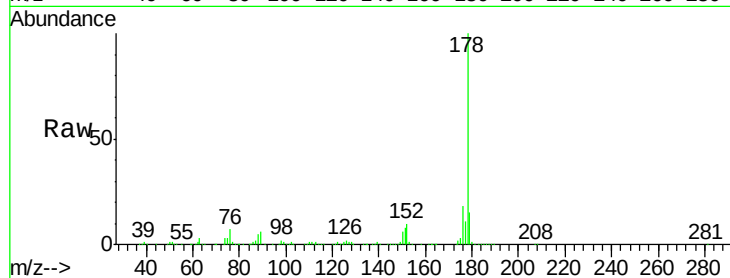




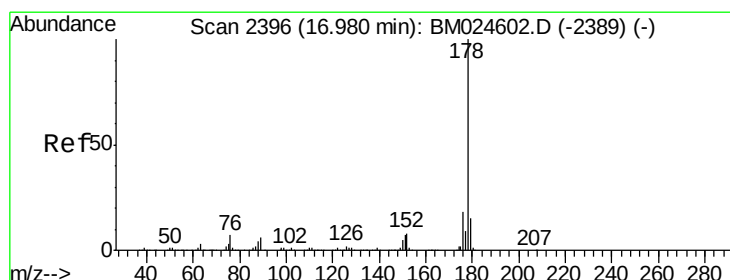
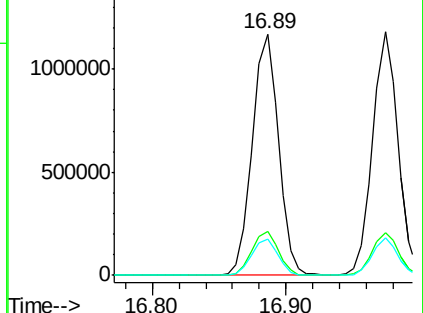
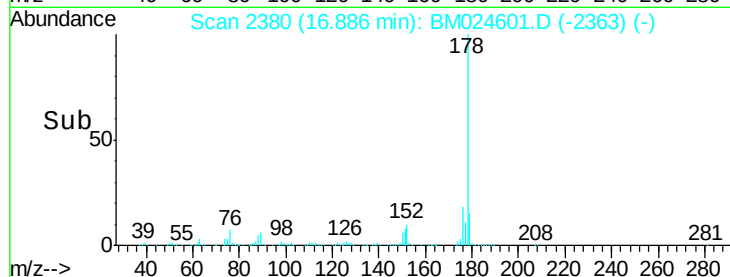
#71
Phenanthrene
Concen: 18.817 ng
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 1574223
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.3 11.9 17.9

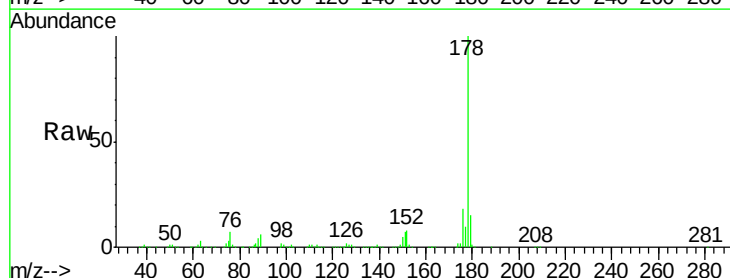


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

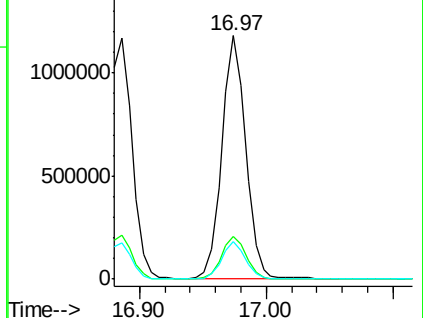
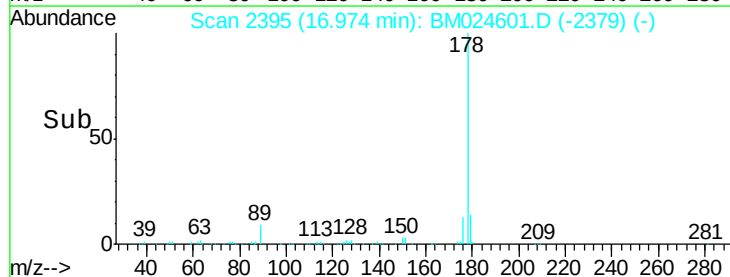


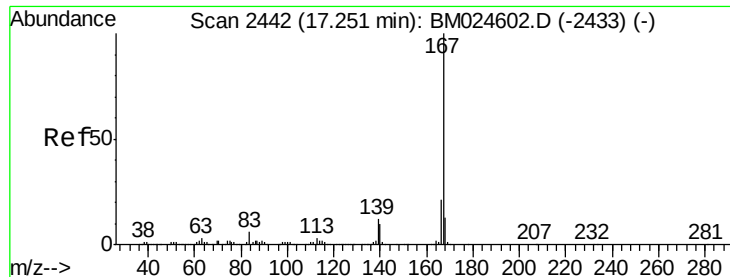
#72
Anthracene
Concen: 18.711 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion:178 Resp: 1534069
Ion Ratio Lower Upper
178 100
176 17.7 14.3 21.5
179 15.3 12.1 18.1



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



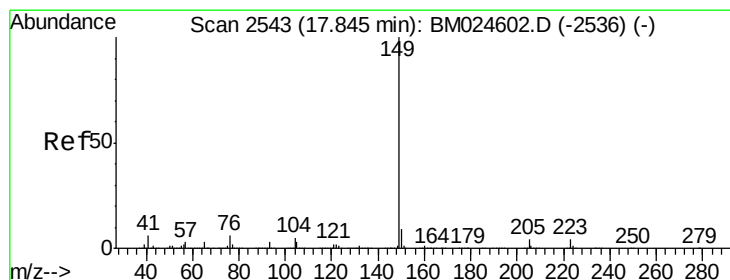
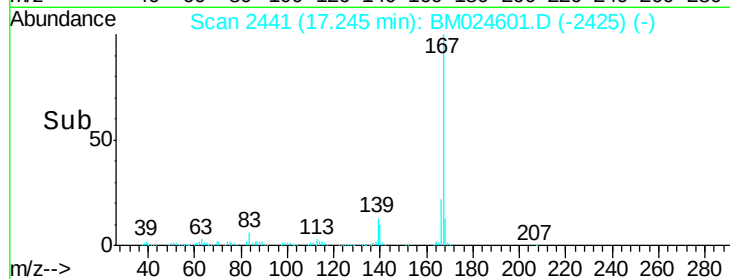
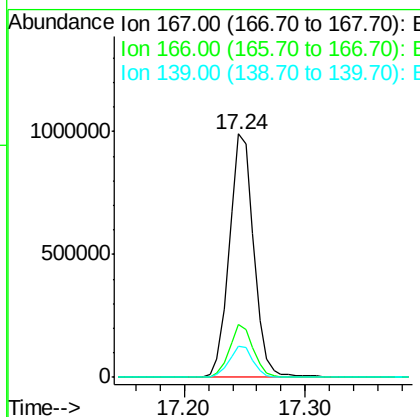
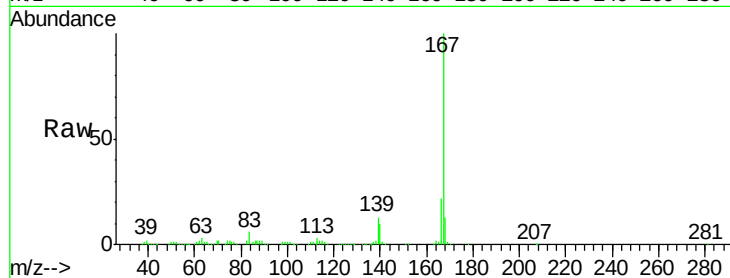


#73
 Carbazole
 Concen: 18.221 ng
 RT: 17.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 1396451

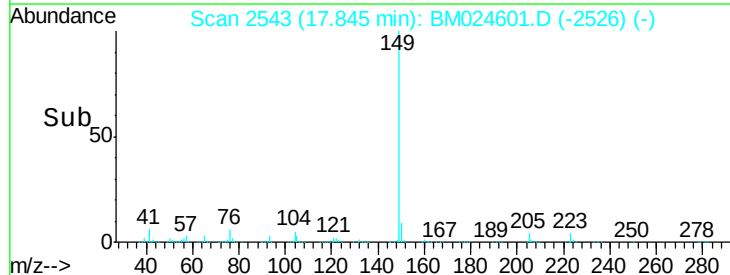
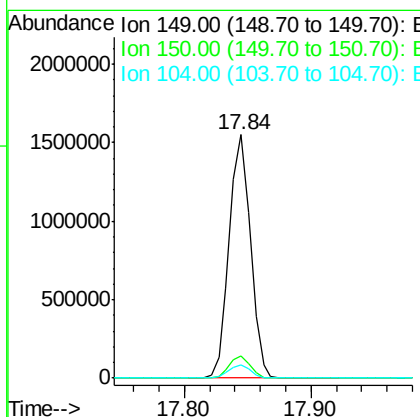
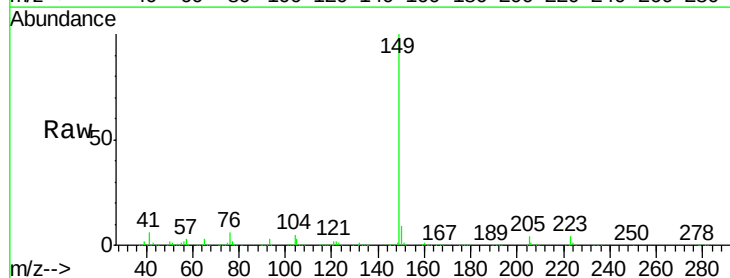
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.8	9.8	14.8

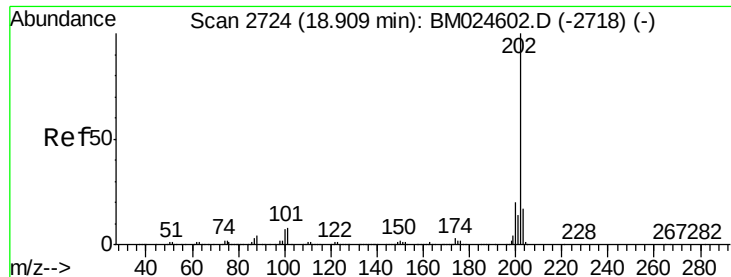


#74
 Di-n-butylphthalate
 Concen: 20.360 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Tgt Ion:149 Resp: 1800148

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 19.612 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

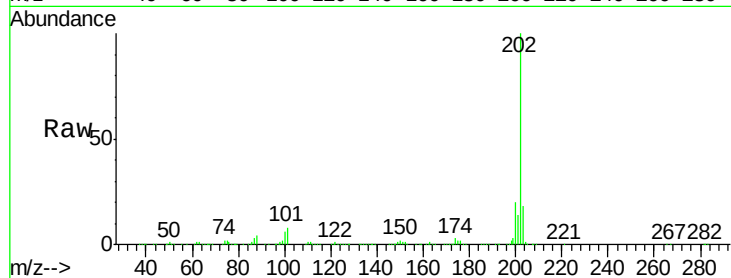
Tot Ion:202 Resp: 1960863

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.4

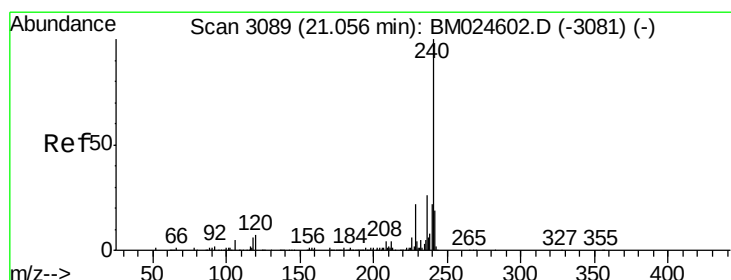
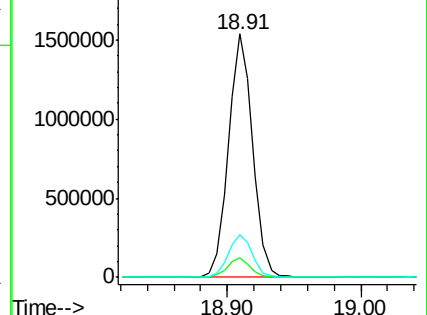
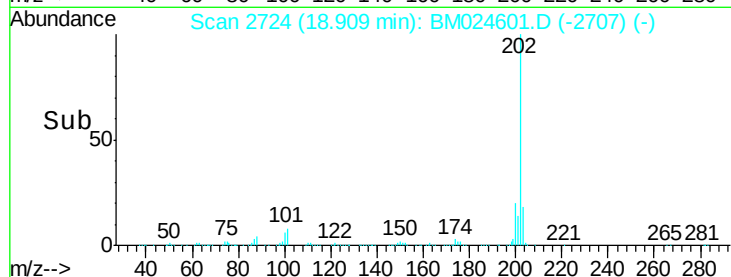
203 17.5 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

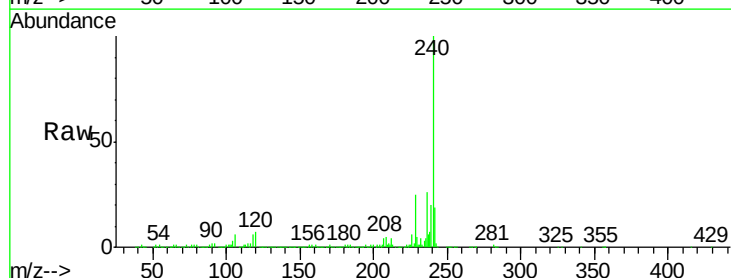
Tgt Ion:240 Resp: 1568430

Ion Ratio Lower Upper

240 100

120 7.2 5.3 7.9

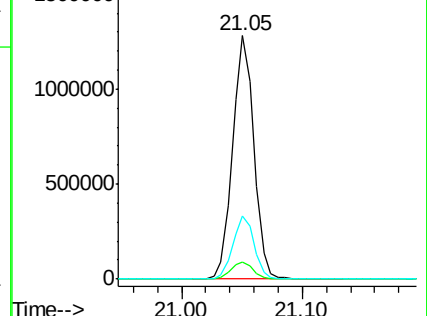
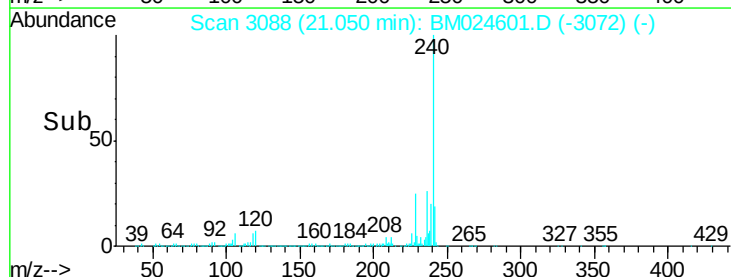
236 25.7 20.6 31.0

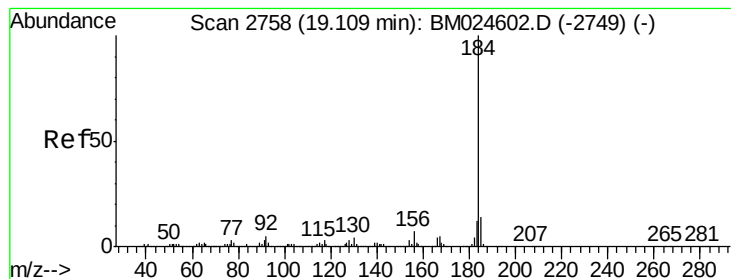


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.917 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

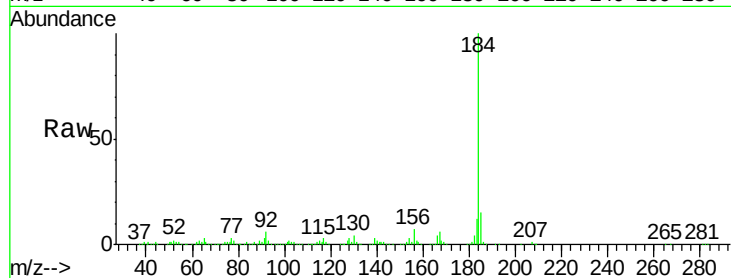
Tot Ion:184 Resp: 847302

Ion Ratio Lower Upper

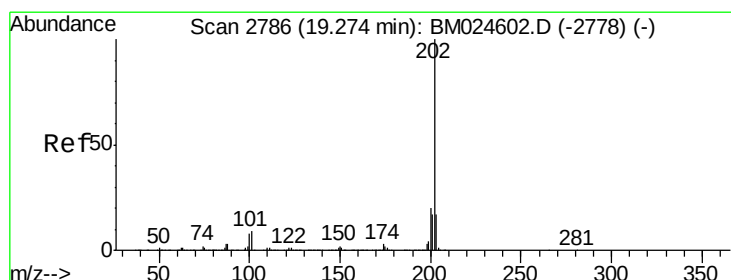
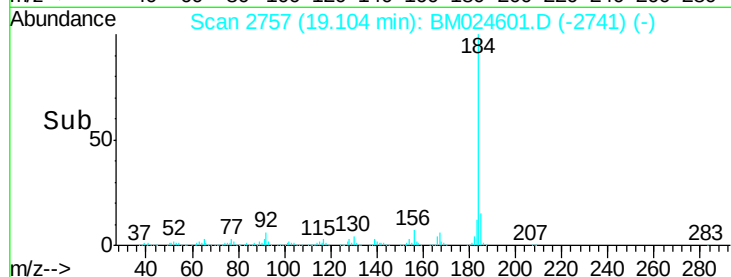
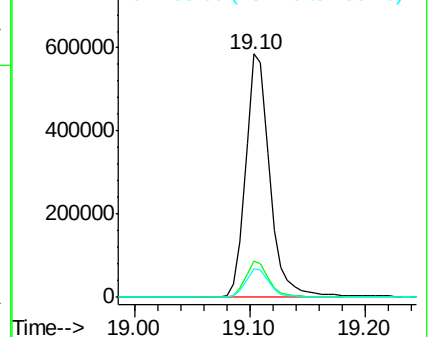
184 100

185 15.0 11.3 16.9

183 11.6 9.6 14.4



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



#78

Pyrene

Concen: 19.722 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

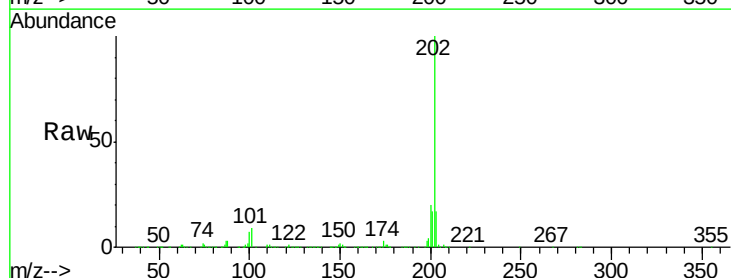
Tgt Ion:202 Resp: 2038602

Ion Ratio Lower Upper

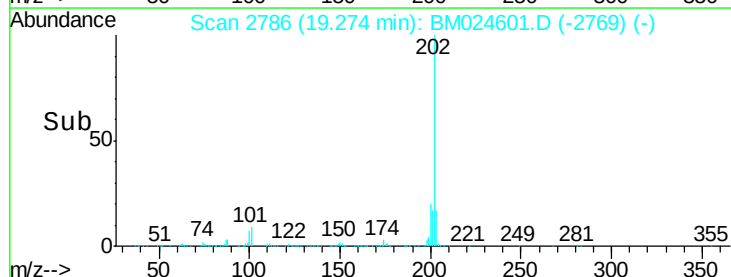
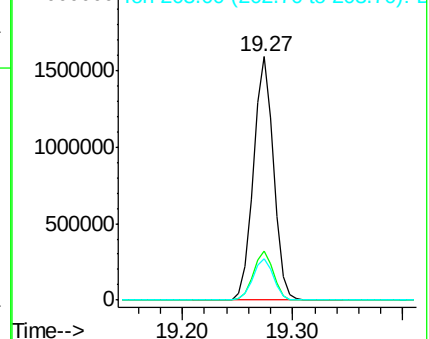
202 100

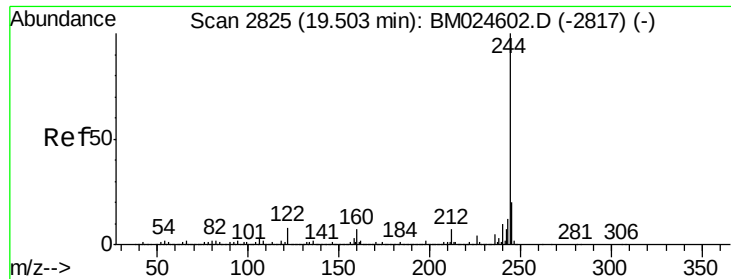
200 20.2 16.2 24.2

203 17.2 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

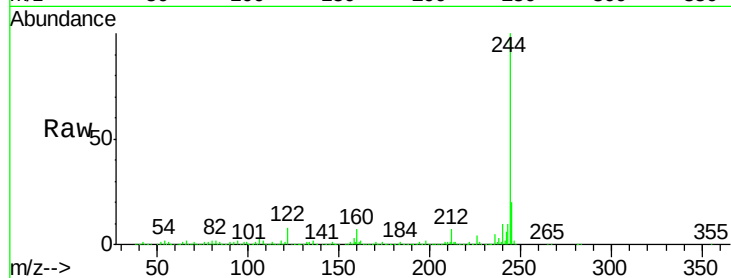




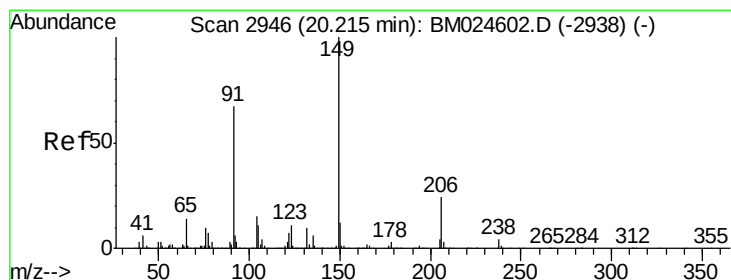
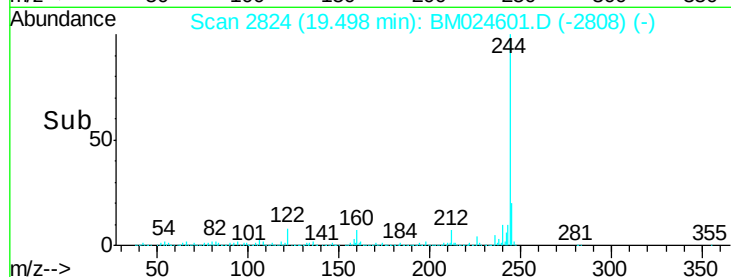
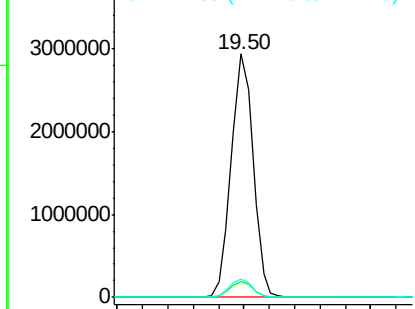
#79
 Terphenyl-d14
 Concen: 47.086 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3521492
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 7.8 6.2 9.4

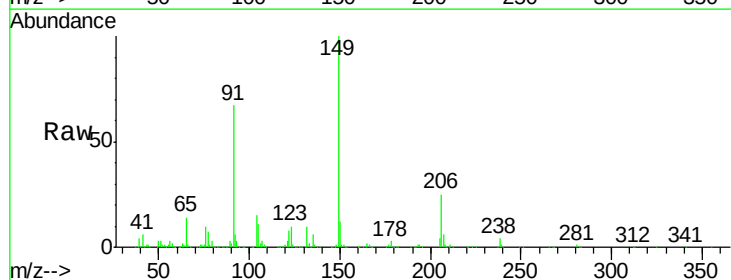


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

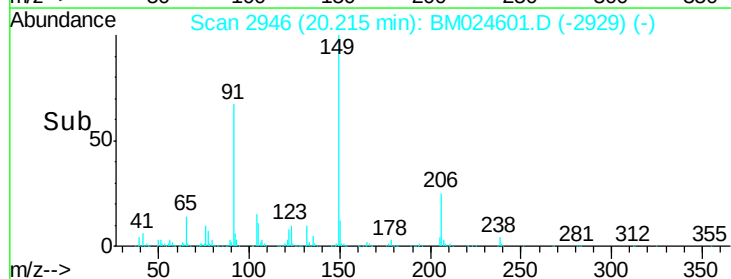
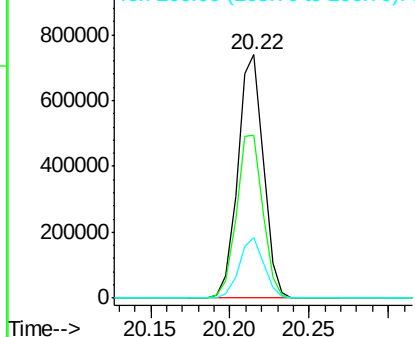


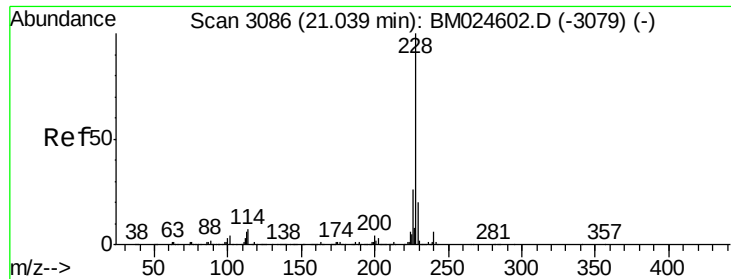
#80
 Butylbenzylphthalate
 Concen: 23.898 ng
 RT: 20.22 min Scan# 2946
 Delta R.T. 0.00 min
 Lab File: BM024601.D
 Acq: 23 Jan 2020 11:10

Tgt Ion:149 Resp: 823188
 Ion Ratio Lower Upper
 149 100
 91 67.0 53.9 80.9
 206 24.9 19.0 28.6



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

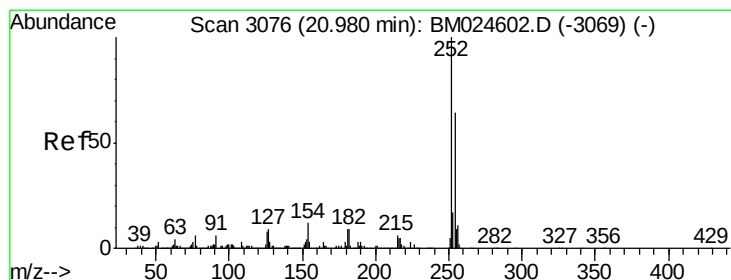
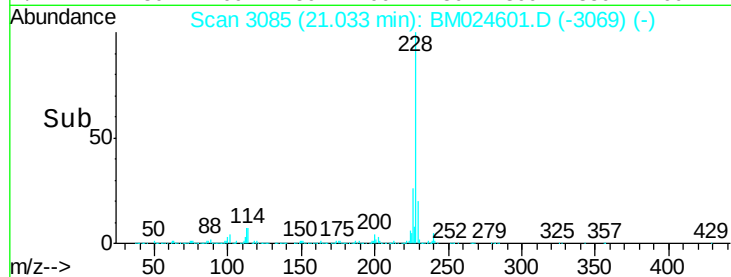
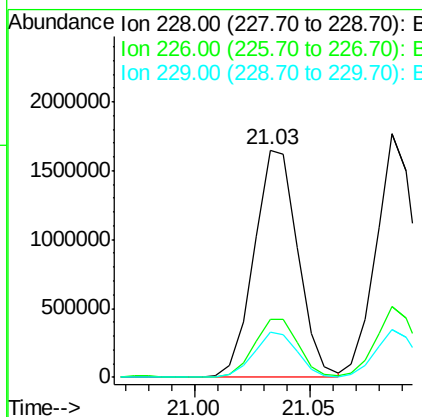
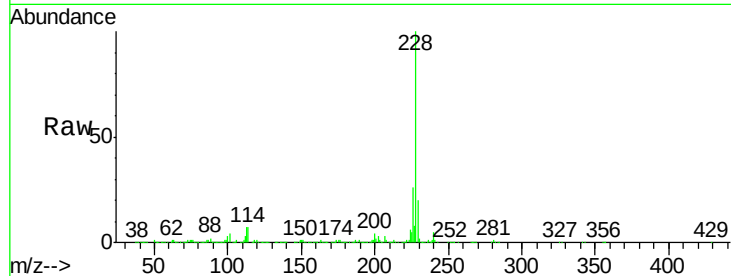




#81
Benzo(a)anthracene
Concen: 20.166 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

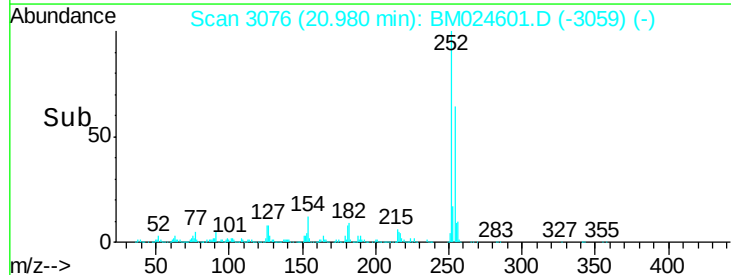
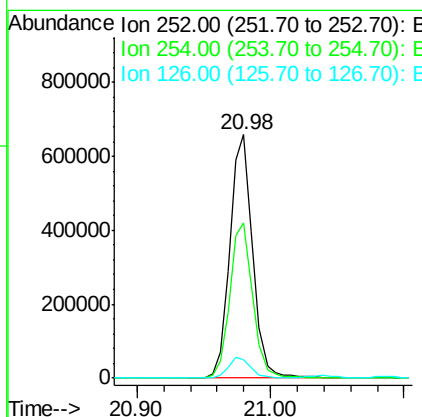
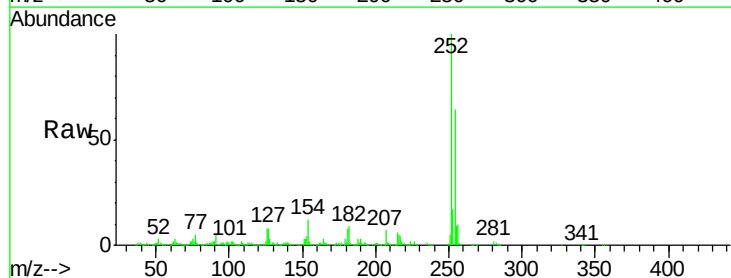
Instrument :
BNA_M
ClientSampleId :

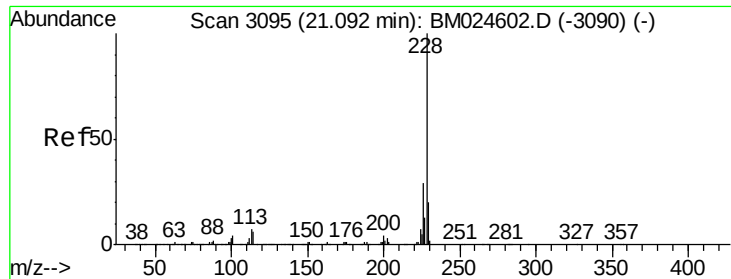
Tot Ion:228 Resp: 2179411
Ion Ratio Lower Upper
228 100
226 25.7 21.1 31.7
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 23.962 ng
RT: 20.98 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion:252 Resp: 789957
Ion Ratio Lower Upper
252 100
254 64.0 51.5 77.3
126 7.7 6.7 10.1





#83

Chrysene

Concen: 20.446 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

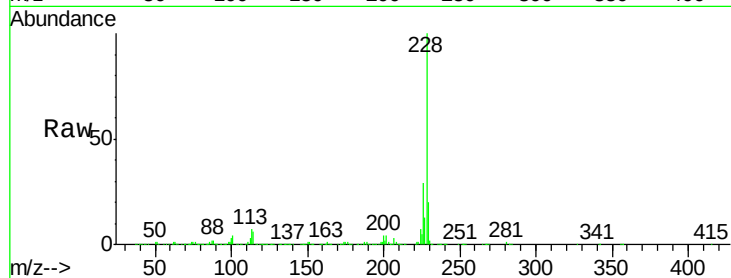
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 2089525

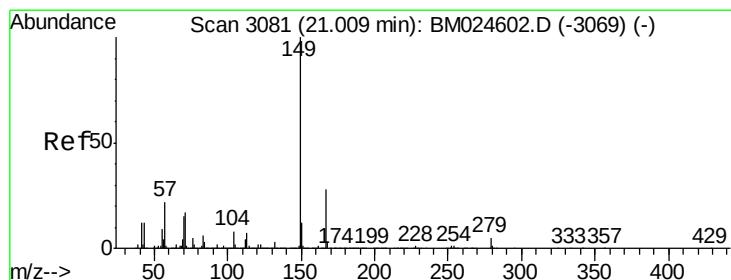
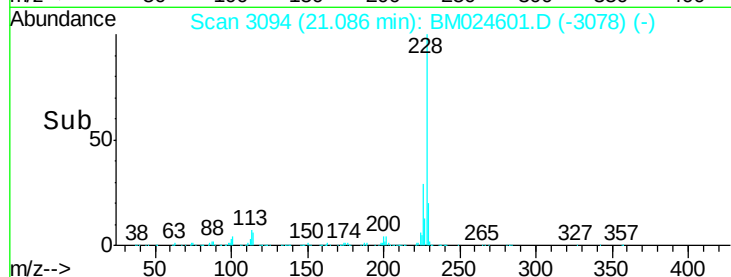
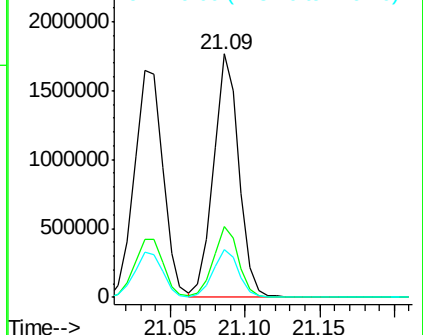
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.2	34.8
229	19.6	15.7	23.5



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: 21.806 ng

RT: 21.01 min Scan# 3081

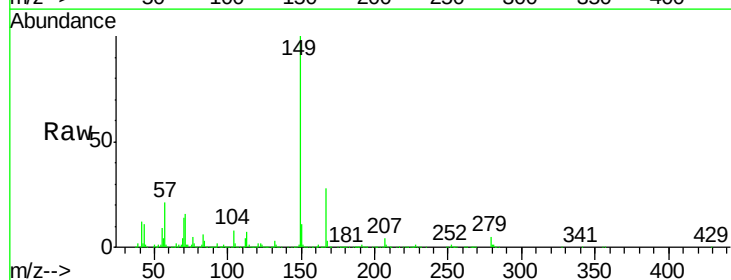
Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Tgt Ion:149 Resp: 1244883

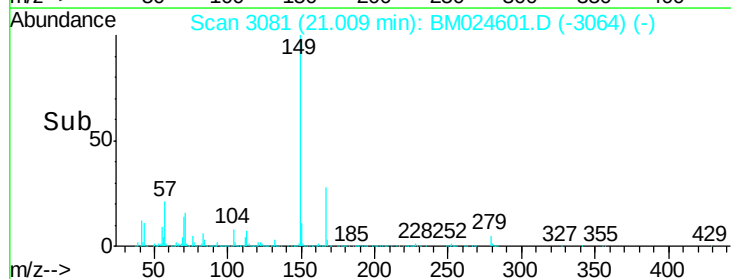
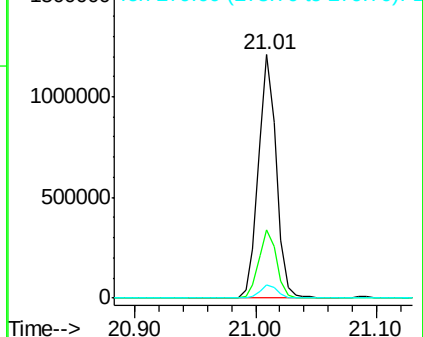
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	5.2	4.0	6.0

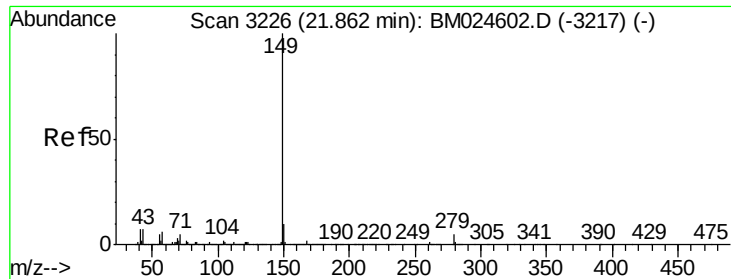


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

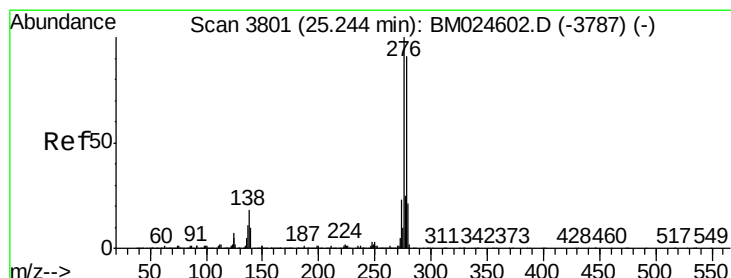
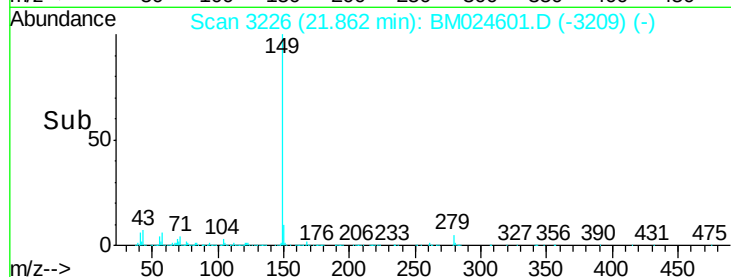
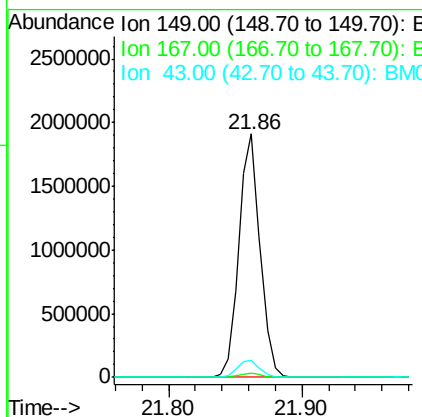
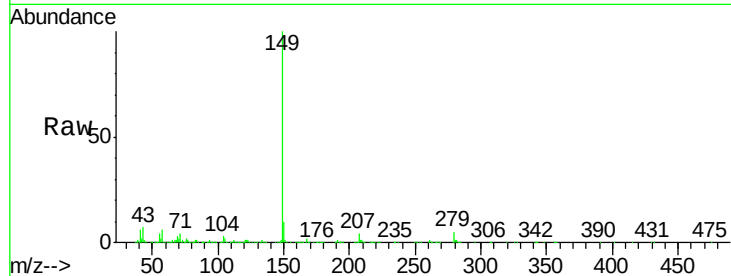




#85
Di-n-octyl phthalate
Concen: 23.720 ng
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

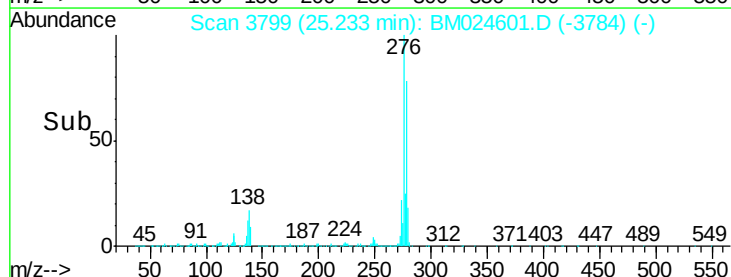
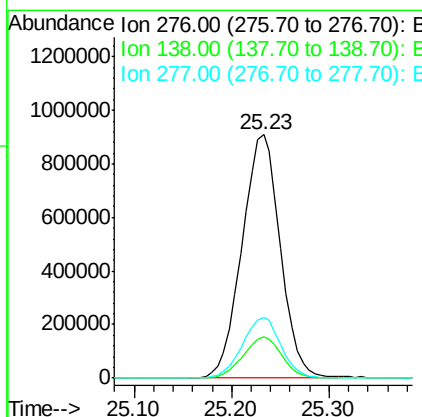
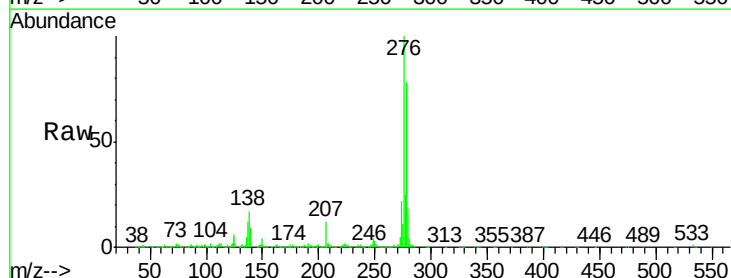
Instrument :
BNA_M
ClientSampled :

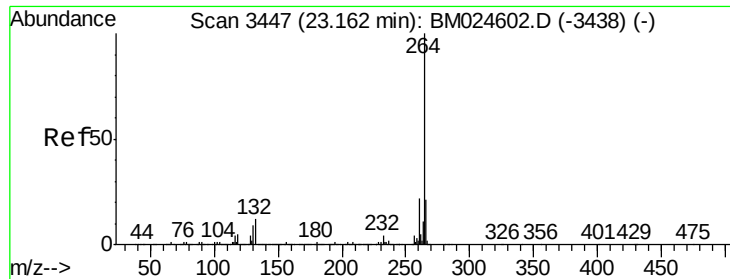
Tot Ion:149 Resp: 2099631
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.3 5.8 8.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 24.653 ng
RT: 25.23 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion:276 Resp: 2500766
Ion Ratio Lower Upper
276 100
138 17.1 13.4 20.0
277 25.1 19.6 29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

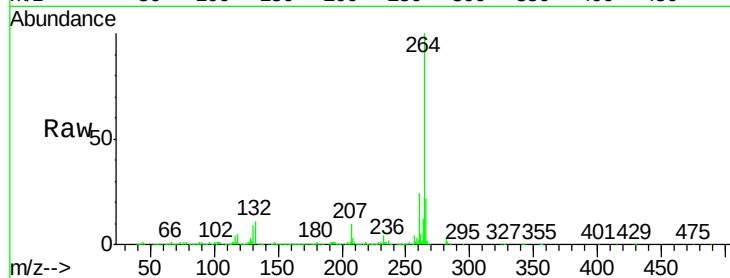
Tot Ion:264 Resp: 1779174

Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

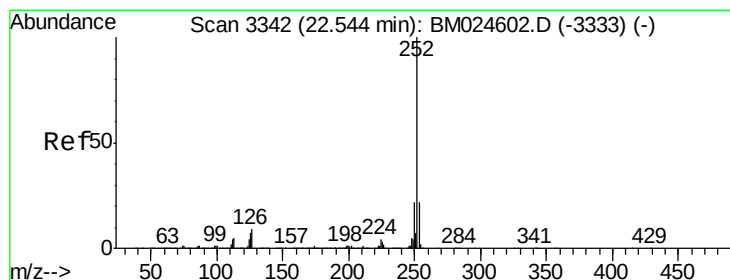
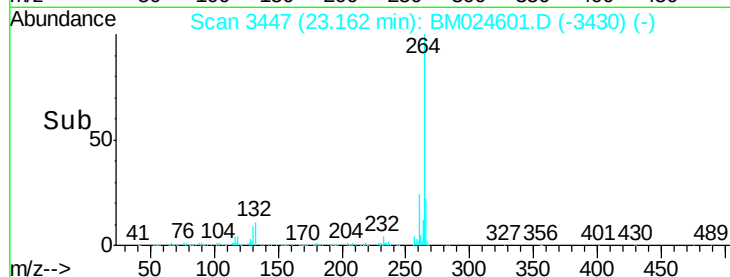
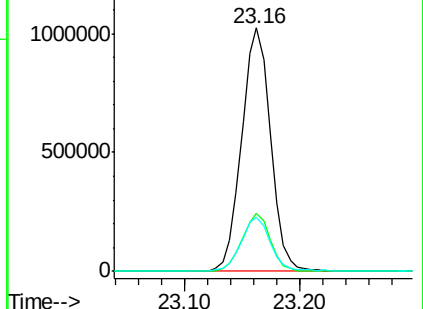
265 22.3 17.3 25.9



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: 18.445 ng

RT: 22.54 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

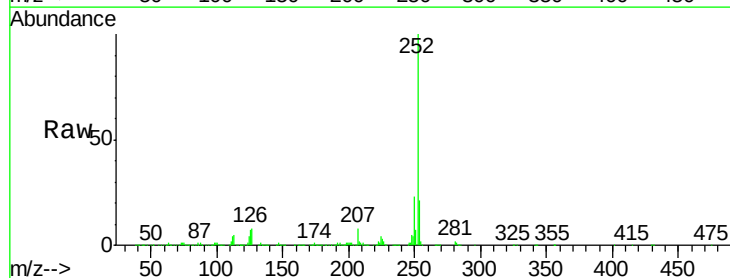
Tgt Ion:252 Resp: 2220412

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

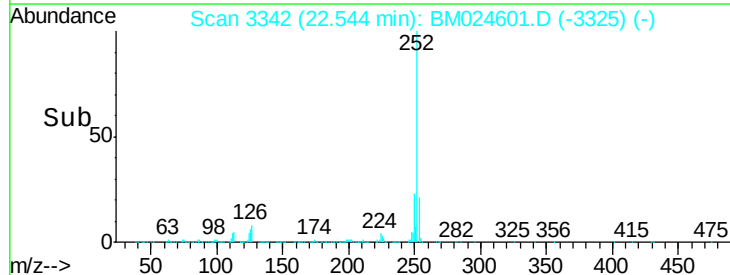
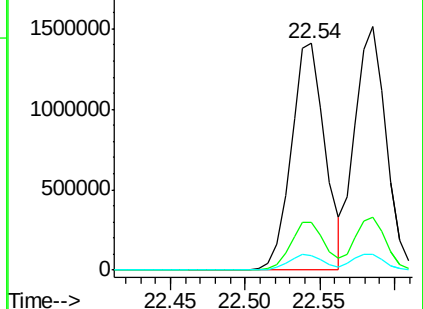
125 6.5 5.7 8.5

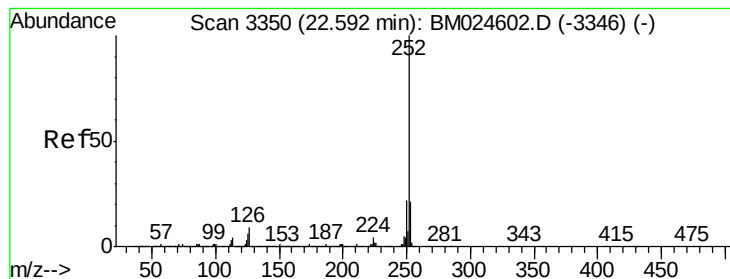


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 18.846 ng

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

Instrument :

BNA_M

ClientSampleId :

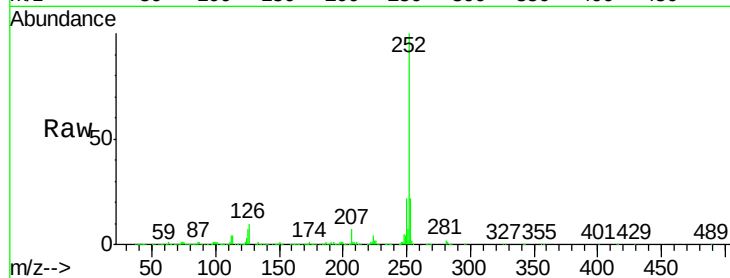
Tot Ion:252 Resp: 2179769

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

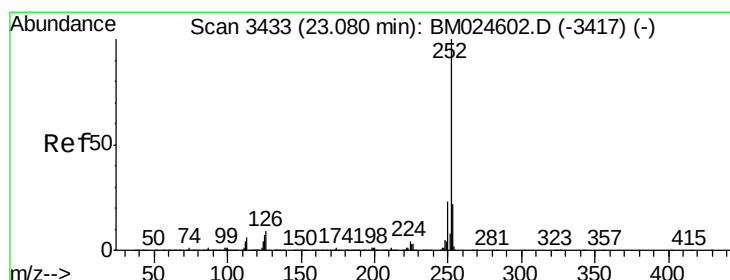
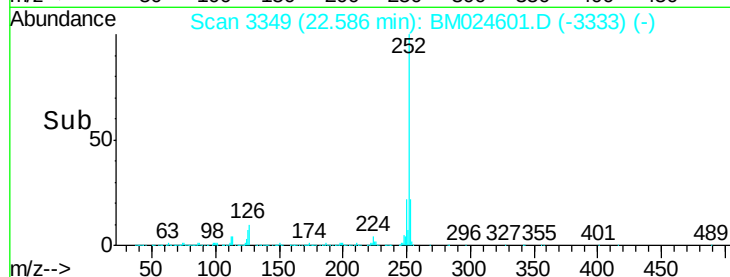
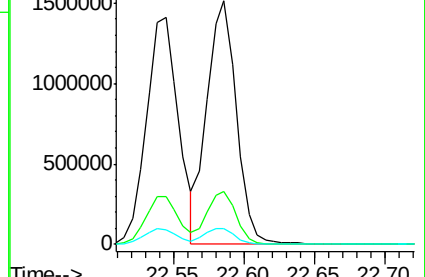
125 6.7 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 19.028 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024601.D

Acq: 23 Jan 2020 11:10

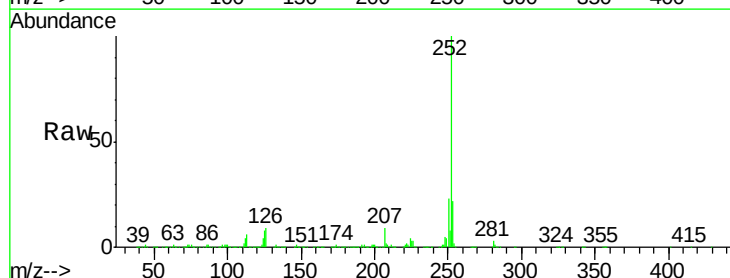
Tgt Ion:252 Resp: 2040379

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

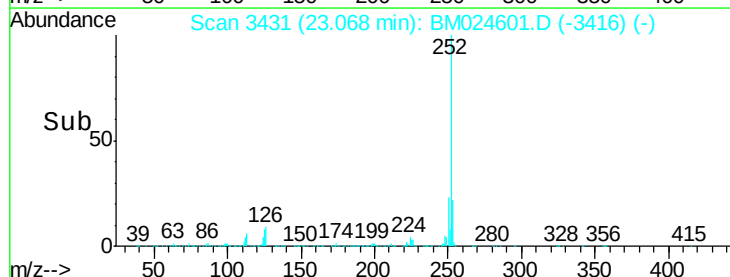
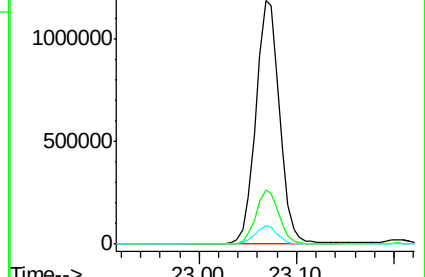
125 7.7 5.8 8.8

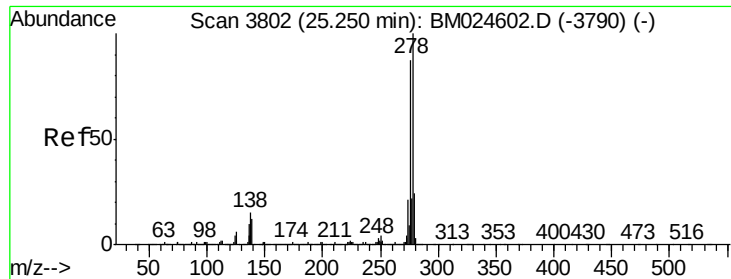


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

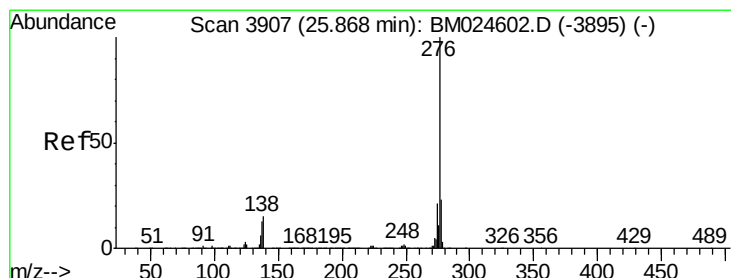
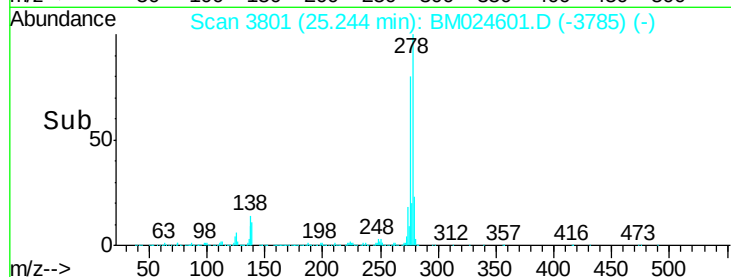
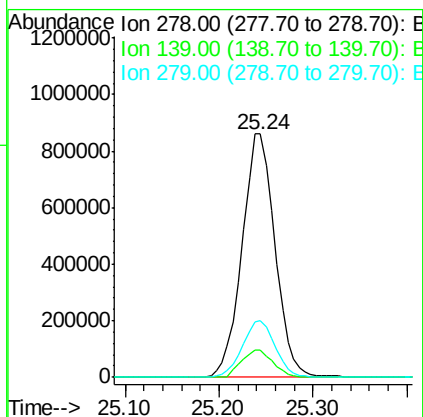
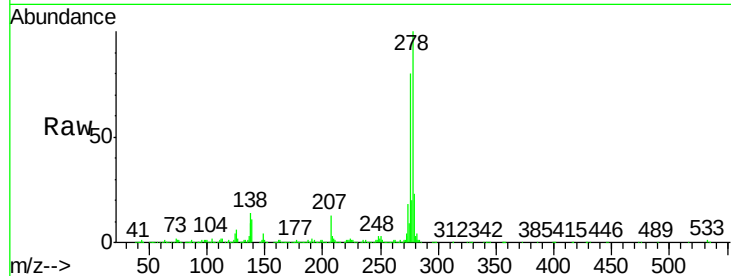




#91
Dibenzo(a,h)anthracene
Concen: 21.932 ng
RT: 25.24 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 2096669
Ion Ratio Lower Upper
278 100
139 11.2 9.3 13.9
279 23.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 22.525 ng
RT: 25.86 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM024601.D
Acq: 23 Jan 2020 11:10

Tgt Ion:276 Resp: 1945688
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 14.9 11.9 17.9

