

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024681.D
 Acq On : 31 Jan 2020 18:35
 Operator : CG/JU
 Sample : PB126499BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 00:59:17 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 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	198869	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	728619	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	502520	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1167687	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1242395	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1418444	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	539165	51.56	ng	-0.01
7) Phenol-d6	6.62	99	402175	27.92	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1271225	85.56	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	893011	109.25	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3588212	97.07	ng	-0.02
79) Terphenyl-d14	19.49	244	7247426	108.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	82208	19.874	ng	93
3) Pyridine	3.44	79	170551	14.223	ng	92
4) n-Nitrosodimethylamine	3.35	42	94565	17.766	ng	83
6) Aniline	6.76	93	342359	19.523	ng	96
8) 2-Chlorophenol	7.00	128	568850	47.786	ng	91
9) Benzaldehyde	6.57	77	320961	37.708	ng	95
10) Phenol	6.65	94	222800	15.516	ng	93
11) bis(2-Chloroethyl)ether	6.87	93	528426	45.968	ng	93
12) 1,3-Dichlorobenzene	7.32	146	669108	45.753	ng	96
13) 1,4-Dichlorobenzene	7.46	146	678795	45.753	ng	98
14) 1,2-Dichlorobenzene	7.77	146	655438	45.768	ng	98
15) Benzyl Alcohol	7.67	79	347039	29.219	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.96	45	384748	36.560	ng	97
17) 2-Methylphenol	7.88	107	377537	37.309	ng	95
18) Hexachloroethane	8.49	117	230441	40.223	ng	88
19) n-Nitroso-di-n-propylamine	8.23	70	418963	38.736	ng	95
20) 3+4-Methylphenols	8.20	107	448873	32.045	ng	97
22) Acetophenone	8.24	105	875704	46.610	ng	96
24) Nitrobenzene	8.60	77	641737	45.074	ng	94
25) Isophorone	9.13	82	1151498	45.614	ng	97
26) 2-Nitrophenol	9.31	139	363478	55.134	ng	90
27) 2,4-Dimethylphenol	9.39	122	524098	58.501	ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	711925	46.165	ng	99
29) 2,4-Dichlorophenol	9.85	162	673587	55.652	ng	97
30) 1,2,4-Trichlorobenzene	10.06	180	724796	49.652	ng	99
31) Naphthalene	10.23	128	1824167	49.569	ng	100
32) Benzoic acid	9.50	122	107608	13.131	ng	92
33) 4-Chloroaniline	10.35	127	294956	18.285	ng	95
34) Hexachlorobutadiene	10.53	225	474237	46.996	ng	99
35) Caprolactam	11.17	113	8659	2.230	ng	86
36) 4-Chloro-3-methylphenol	11.49	107	597032	46.389	ng	92
37) 2-Methylnaphthalene	11.86	142	1422667	50.094	ng	98
38) 1-Methylnaphthalene	12.08	142	1354193	50.128	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	885286	49.361	ng	99

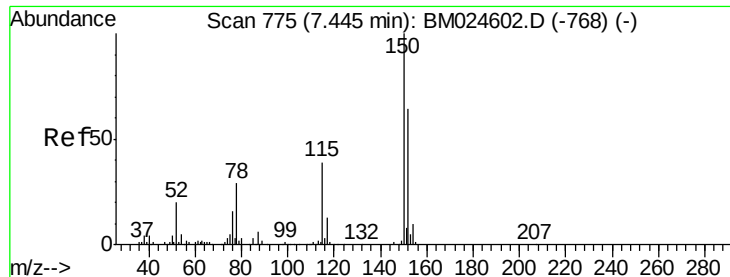
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024681.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	1029804	102.439	ng	98
43) 2,4,6-Trichlorophenol	12.49	196	620640	54.380	ng	98
44) 2,4,5-Trichlorophenol	12.56	196	660462	56.664	ng	95
46) 1,1'-Biphenyl	12.90	154	1895503	49.843	ng	99
47) 2-Chloronaphthalene	12.93	162	1518854	49.472	ng	97
48) 2-Nitroaniline	13.15	65	373882	39.929	ng	86
49) Acenaphthylene	13.79	152	2413882	52.521	ng	100
50) Dimethylphthalate	13.55	163	2025398	49.844	ng	99
51) 2,6-Dinitrotoluene	13.66	165	452633	52.392	ng	86
52) Acenaphthene	14.14	154	1436197	50.358	ng	99
53) 3-Nitroaniline	13.99	138	191772	21.402	ng	91
54) 2,4-Dinitrophenol	14.20	184	608068	117.700	ng	# 87
55) Dibenzofuran	14.48	168	2419095	52.010	ng	96
56) 4-Nitrophenol	14.32	139	313990	44.828	ng	85
57) 2,4-Dinitrotoluene	14.46	165	641640	51.822	ng	# 86
58) Fluorene	15.13	166	1958403	50.103	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	652075	55.166	ng	94
60) Diethylphthalate	14.94	149	1983337	48.077	ng	98
61) 4-Chlorophenyl-phenylether	15.14	204	1112570	49.371	ng	99
62) 4-Nitroaniline	15.16	138	419748	42.439	ng	90
63) Azobenzene	15.43	77	1509068	42.885	ng	94
65) 4,6-Dinitro-2-methylphenol	15.23	198	431304	62.820	ng	85
66) n-Nitrosodiphenylamine	15.36	169	1771134	52.804	ng	99
67) 4-Bromophenyl-phenylether	16.03	248	747053	51.446	ng	98
68) Hexachlorobenzene	16.14	284	875793	52.557	ng	97
69) Atrazine	16.33	200	733473	56.969	ng	99
70) Pentachlorophenol	16.49	266	1155021	113.793	ng	99
71) Phenanthrene	16.87	178	3273691	51.773	ng	99
72) Anthracene	16.96	178	3346412	54.087	ng	100
73) Carbazole	17.24	167	2996832	53.207	ng	99
74) Di-n-butylphthalate	17.83	149	3496774	48.563	ng	99
75) Fluoranthene	18.90	202	4226849	53.558	ng	99
77) Benzidine	19.10	184	1349236	46.632	ng	99
78) Pyrene	19.26	202	4319670	52.741	ng	100
80) Butylbenzylphthalate	20.20	149	1646296	47.902	ng	93
81) Benzo(a)anthracene	21.03	228	4412181	51.168	ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	1334017	43.007	ng	100
83) Chrysene	21.08	228	4280093	52.018	ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	2410111	47.527	ng	98
85) Di-n-octyl phthalate	21.85	149	4165675	49.722	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.22	276	5301163	59.112	ng	99
88) Benzo(b)fluoranthene	22.53	252	4808119	52.264	ng	99
89) Benzo(k)fluoranthene	22.57	252	4422152	49.246	ng	99
90) Benzo(a)pyrene	23.06	252	4186691	50.055	ng	99
91) Dibenzo(a,h)anthracene	25.23	278	4517610	56.906	ng	98
92) Benzo(g,h,i)perylene	25.85	276	4468293	61.987	ng	98

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

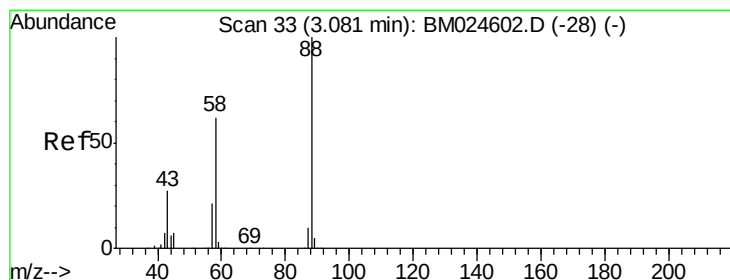
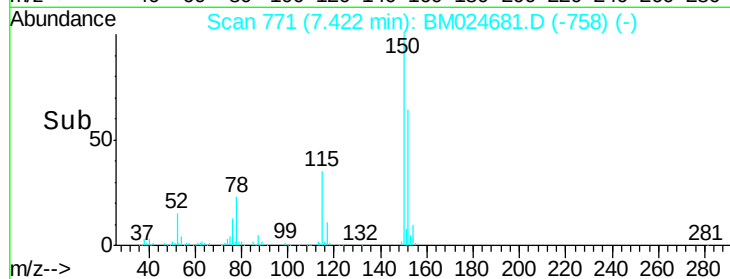
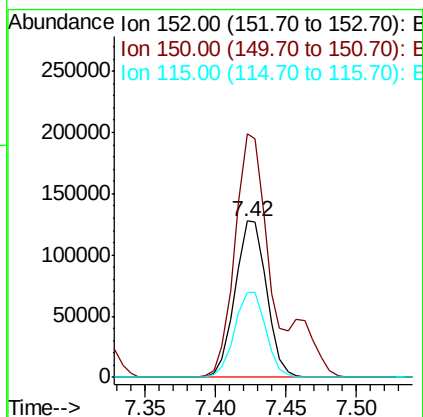
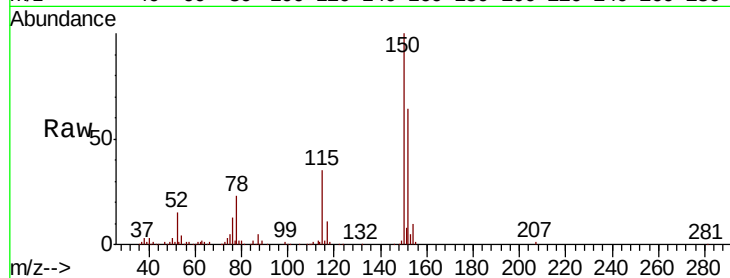


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :

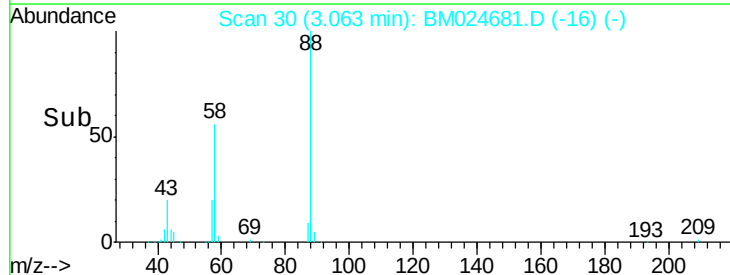
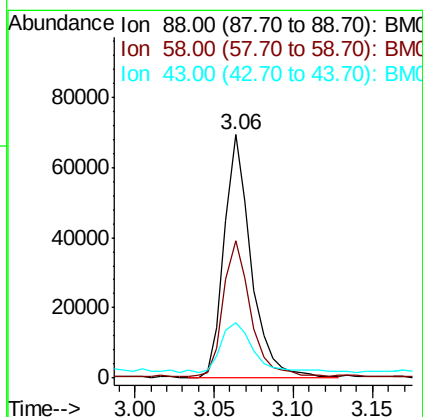
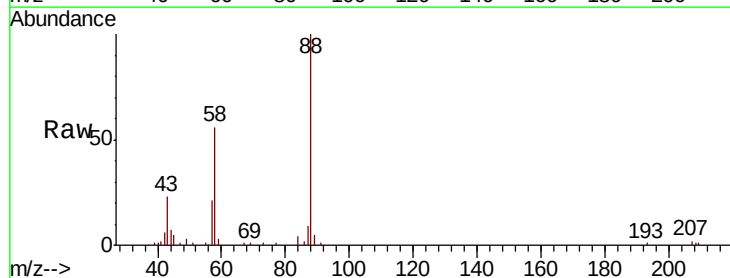
Tot Ion:152 Resp: 198869
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.4
115 54.3 48.6 72.8

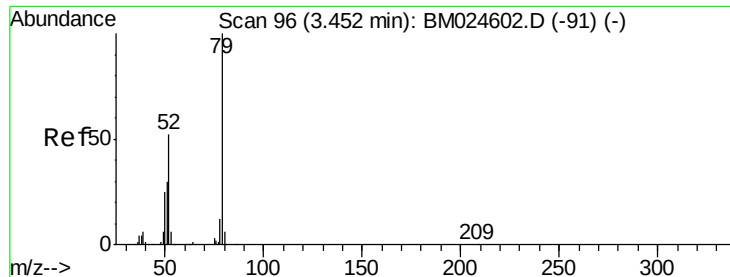


#2

1,4-Dioxane
Concen: 19.874 ng
RT: 3.06 min Scan# 30
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion: 88 Resp: 82208
Ion Ratio Lower Upper
88 100
58 56.3 50.0 75.0
43 24.2 21.6 32.4





#3

Pvridine

Concen: 14.223 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

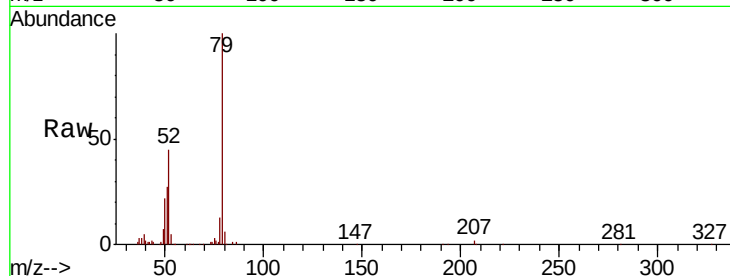
Tot Ion: 79 Resp: 170551

Ion Ratio Lower Upper

79 100

52 45.4 41.4 62.2

51 27.1 23.8 35.8

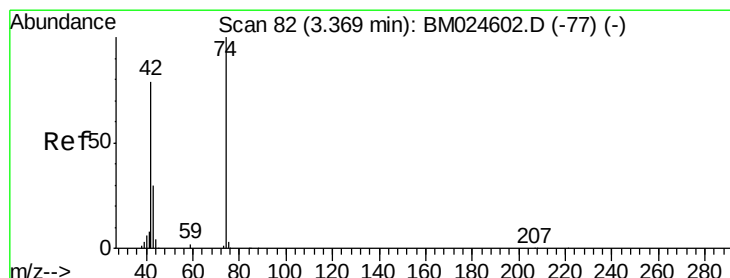
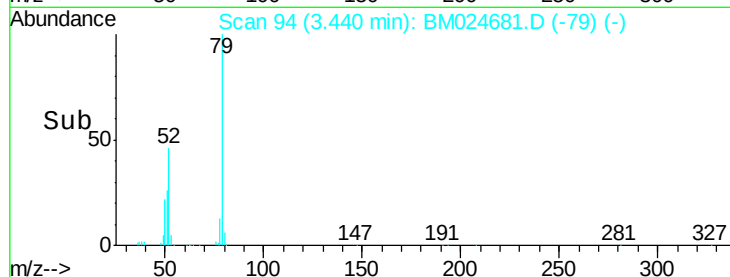
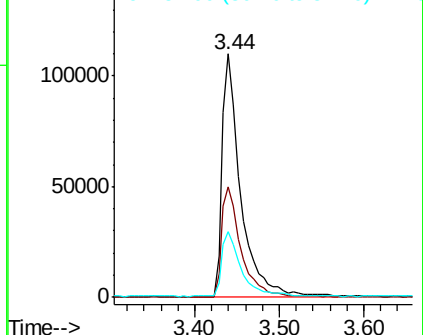


Abundance Ion 79.00 (78.70 to 79.70): BM024681.D (-79) (-)

150000

Ion 52.00 (51.70 to 52.70): BM024681.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024681.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 17.766 ng

RT: 3.35 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

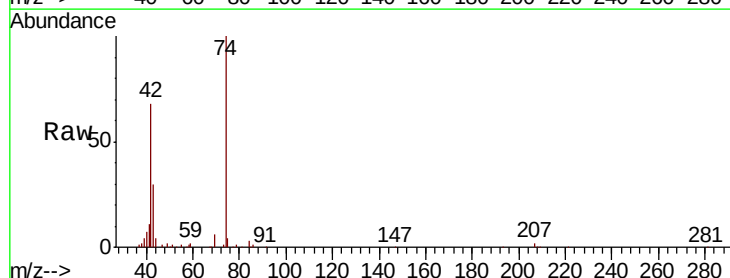
Tgt Ion: 42 Resp: 94565

Ion Ratio Lower Upper

42 100

74 146.7 101.4 152.2

44 6.1 4.6 6.8

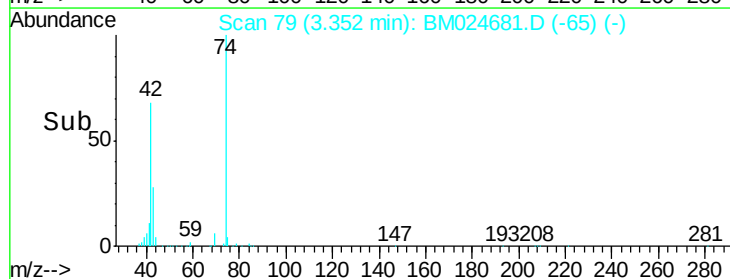
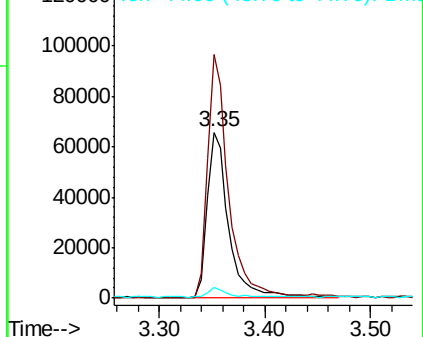


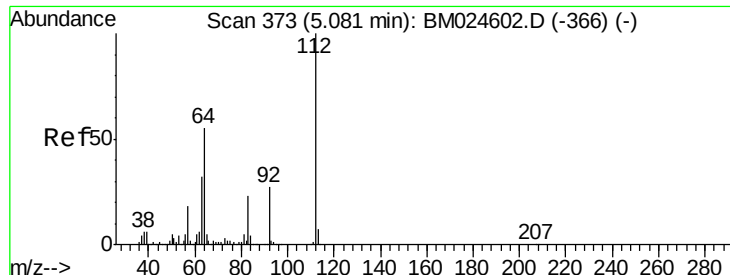
Abundance Ion 42.00 (41.70 to 42.70): BM024681.D (-65) (-)

120000

Ion 74.00 (73.70 to 74.70): BM024681.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024681.D (-65) (-)





#5

2-Fluorophenol

Concen: 51.560 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

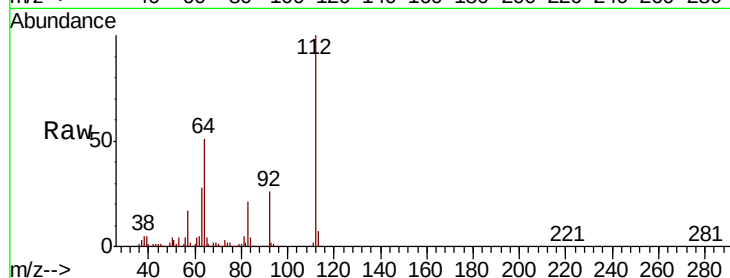
Tot Ion:112 Resp: 539165

Ion Ratio Lower Upper

112 100

64 50.7 44.2 66.4

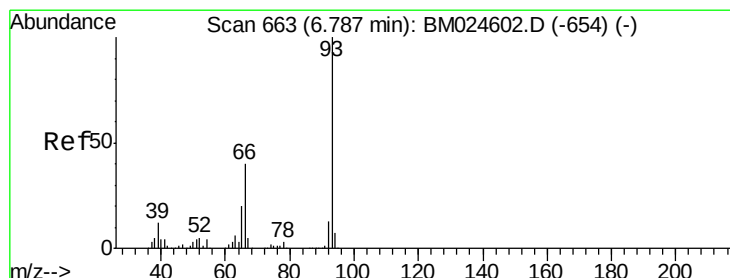
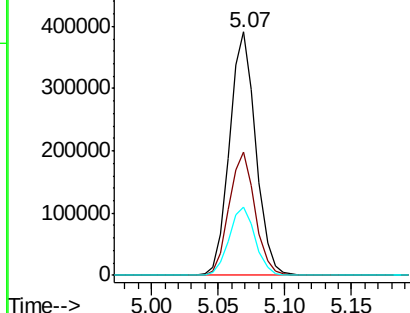
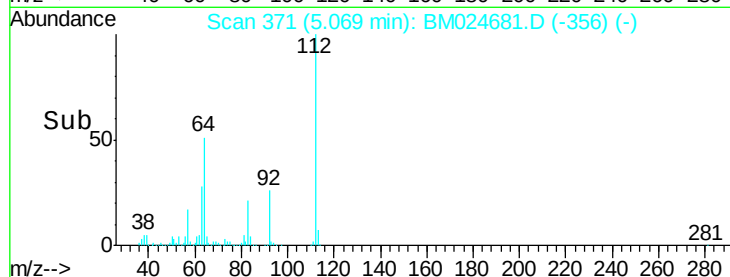
63 28.1 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 19.523 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

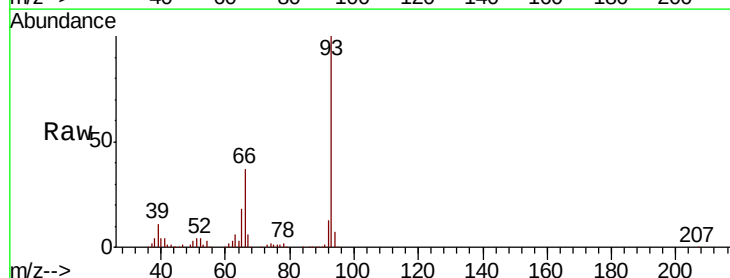
Tgt Ion: 93 Resp: 342359

Ion Ratio Lower Upper

93 100

66 37.4 31.8 47.8

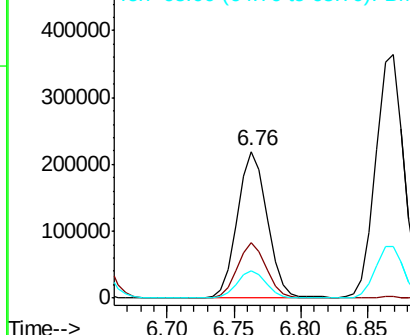
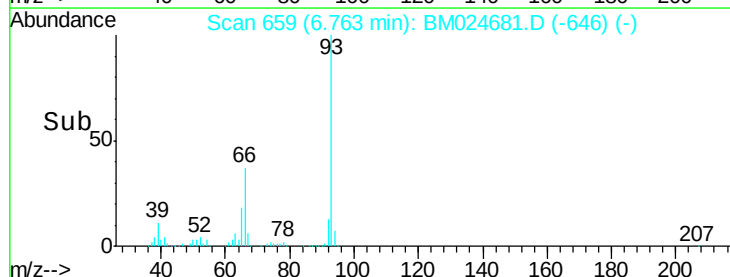
65 18.3 15.8 23.6

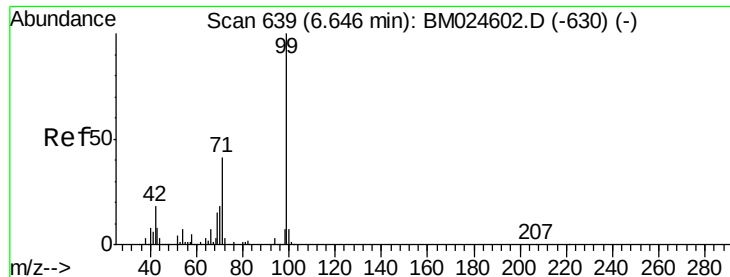


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 27.918 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

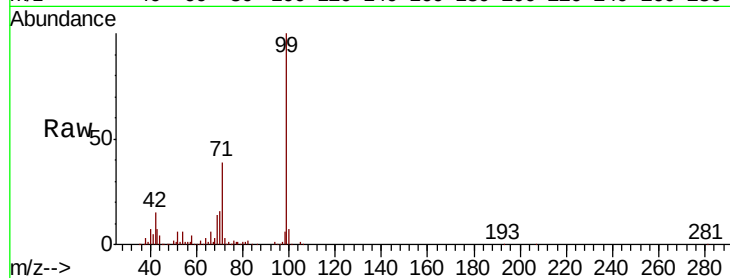
Tot Ion: 99 Resp: 402175

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

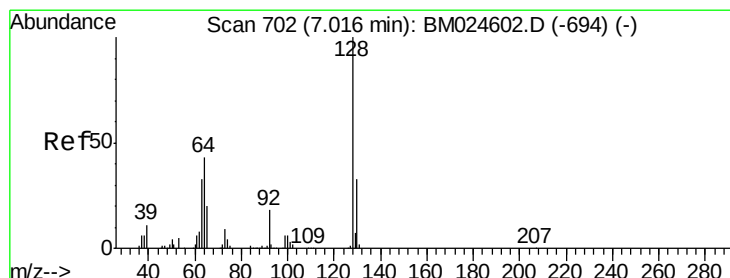
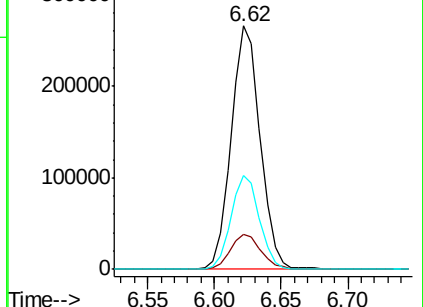
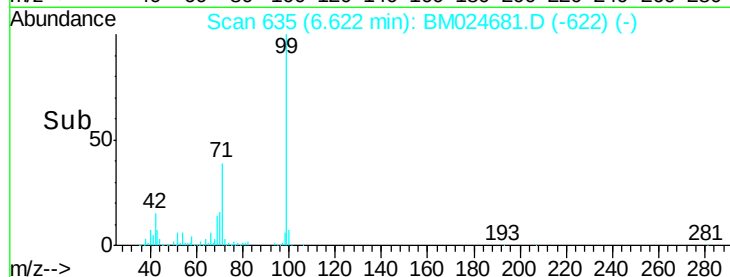
71 38.8 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024681.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024681.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024681.D (-622) (-)



#8

2-Chlorophenol

Concen: 47.786 ng

RT: 7.00 min Scan# 699

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

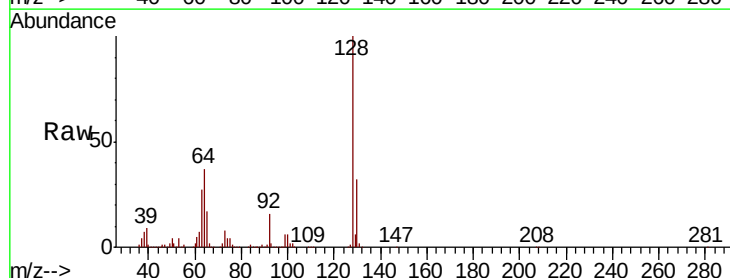
Tgt Ion: 128 Resp: 568850

Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

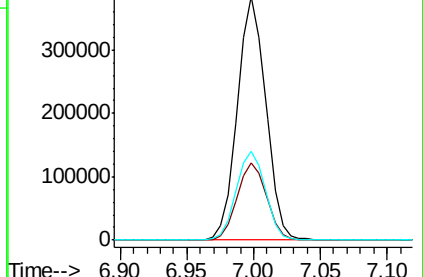
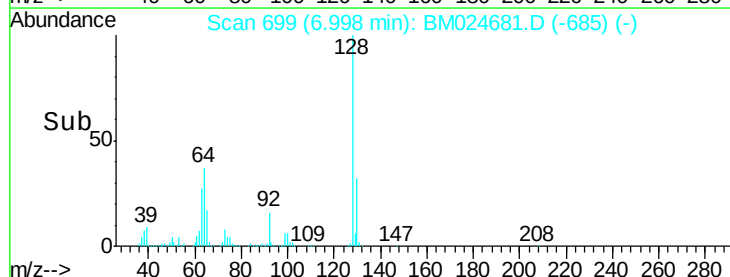
64 36.7 26.1 66.1

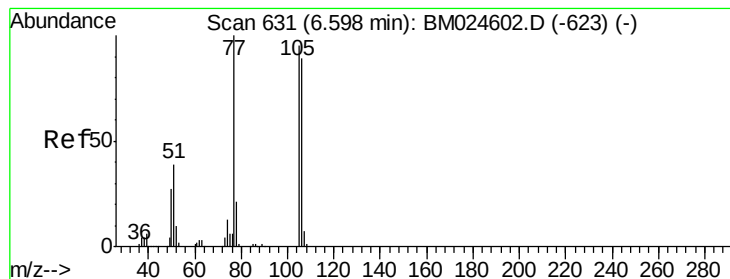


Abundance Ion 128.00 (127.70 to 128.70): BM024681.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024681.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024681.D (-685) (-)





#9

Benzaldehyde

Concen: 37.708 ng

RT: 6.57 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

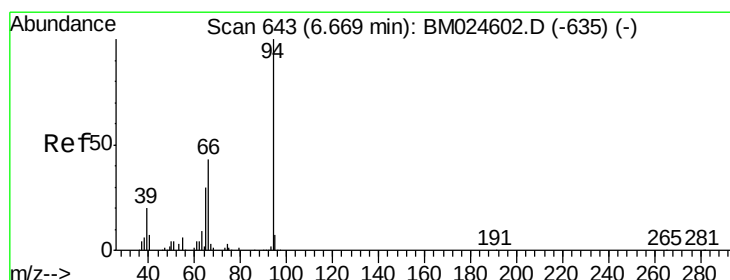
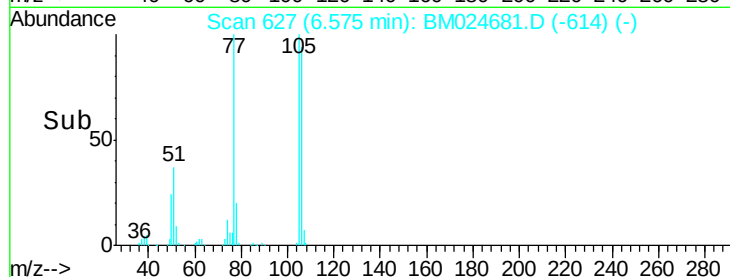
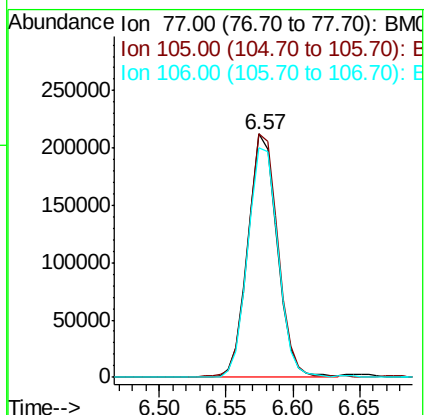
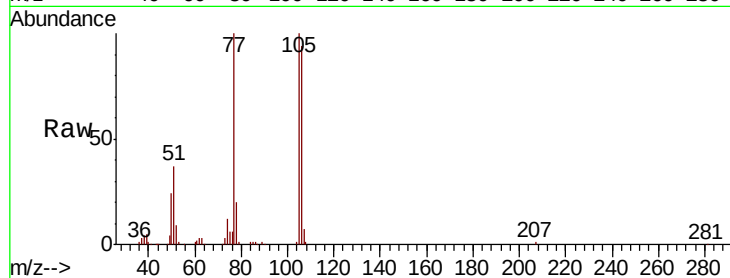
Tot Ion: 77 Resp: 320961

Ion Ratio Lower Upper

77 100

105 99.8 75.2 115.2

106 94.3 68.6 108.6



#10

Phenol

Concen: 15.516 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

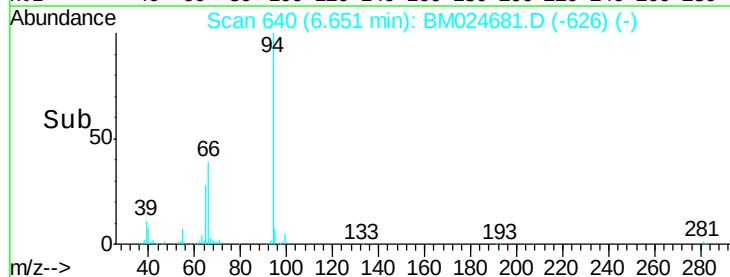
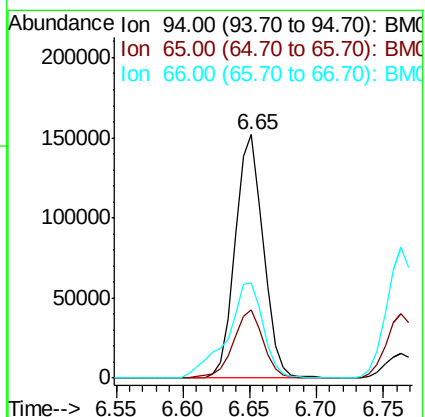
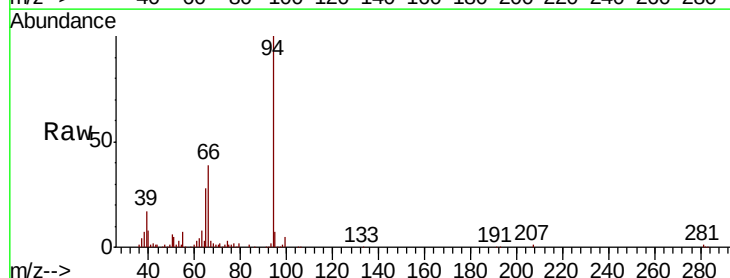
Tgt Ion: 94 Resp: 222800

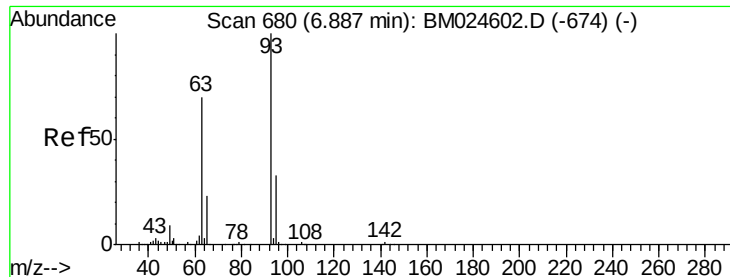
Ion Ratio Lower Upper

94 100

65 28.2 10.3 50.3

66 38.8 24.8 64.8





#11

bis(2-Chloroethyl)ether

Concen: 45.968 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

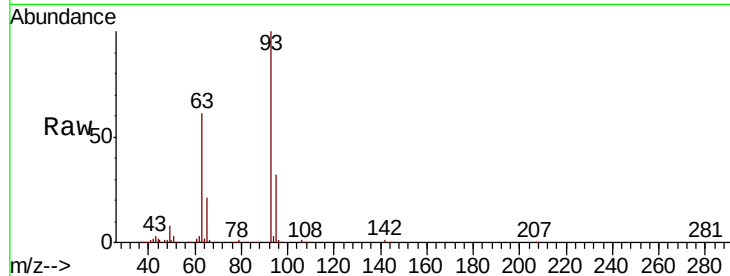
Tot Ion: 93 Resp: 528426

Ion Ratio Lower Upper

93 100

63 61.4 49.6 89.6

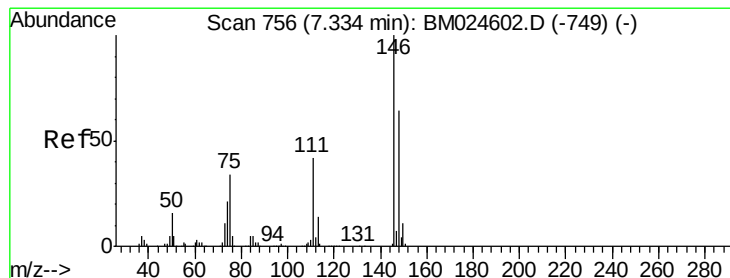
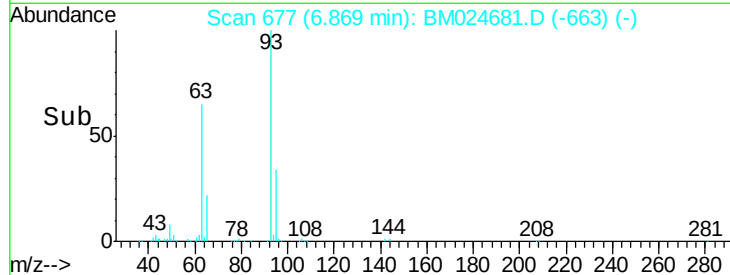
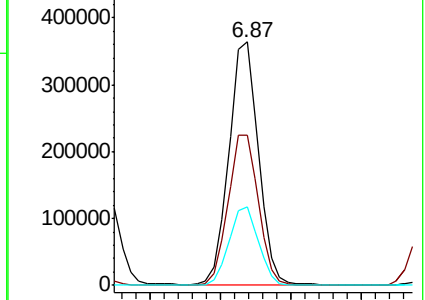
95 32.5 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BM024602.D (-674) (-)

Ion 63.00 (62.70 to 63.70): BM024602.D (-674) (-)

Ion 95.00 (94.70 to 95.70): BM024602.D (-674) (-)



#12

1,3-Dichlorobenzene

Concen: 45.753 ng

RT: 7.32 min Scan# 753

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

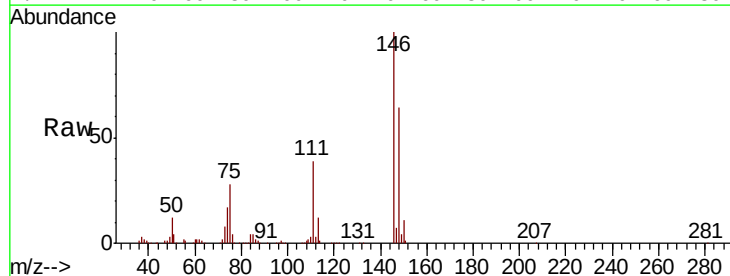
Tgt Ion: 146 Resp: 669108

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

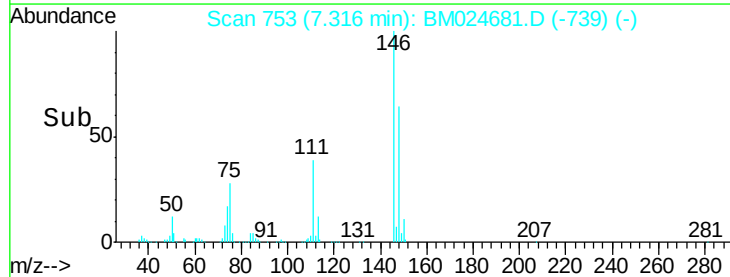
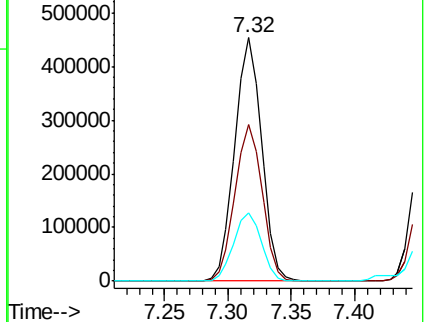
75 28.1 27.0 40.4

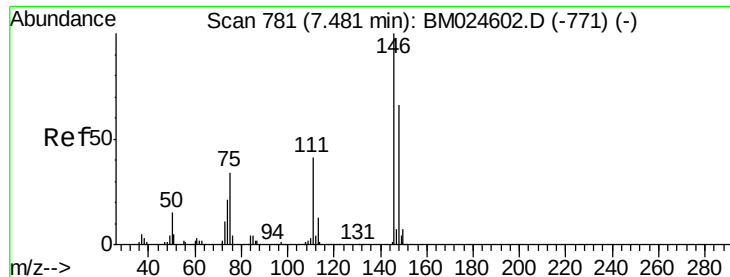


Abundance Ion 146.00 (145.70 to 146.70): BM024602.D (-749) (-)

Ion 148.00 (147.70 to 148.70): BM024602.D (-749) (-)

Ion 75.00 (74.70 to 75.70): BM024602.D (-749) (-)

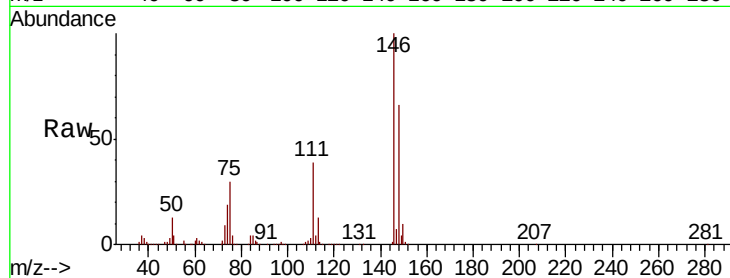




#13
 1,4-Dichlorobenzene
 Concen: 45.753 ng
 RT: 7.46 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.5	78.7
111	38.6	33.0	49.4

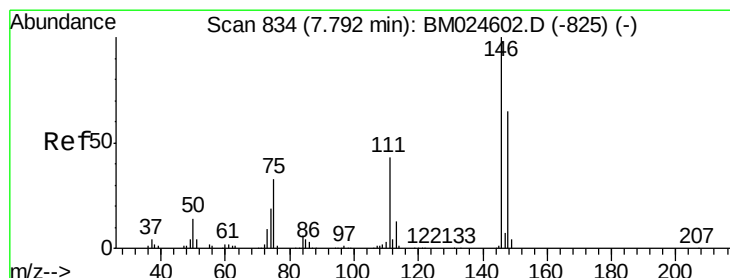
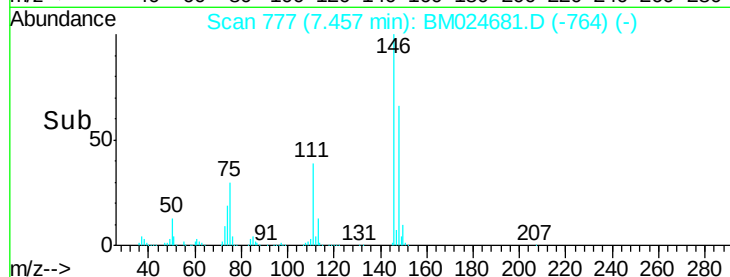
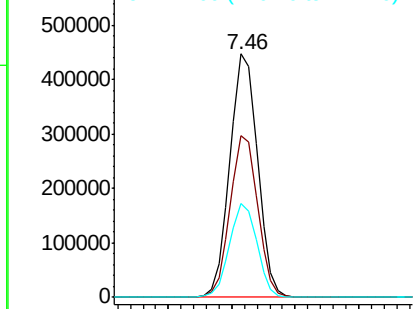


Abundance

Ion 146.00 (145.70 to 146.70): E

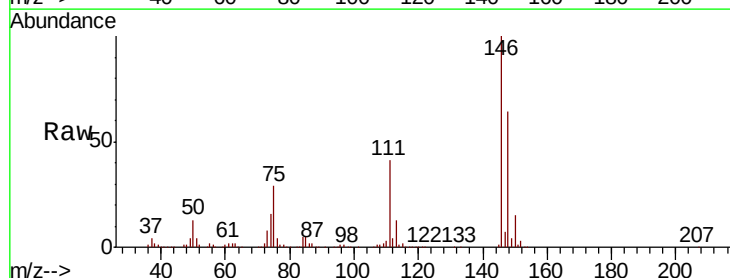
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.768 ng
 RT: 7.77 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	40.5	34.5	51.7

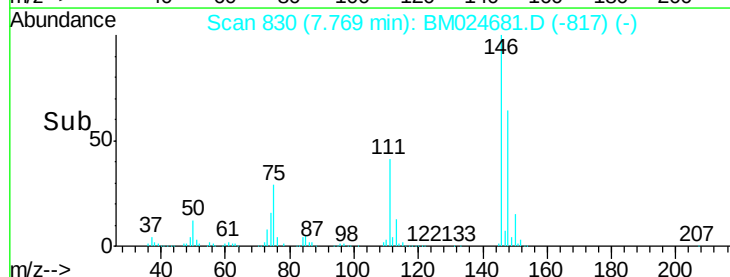
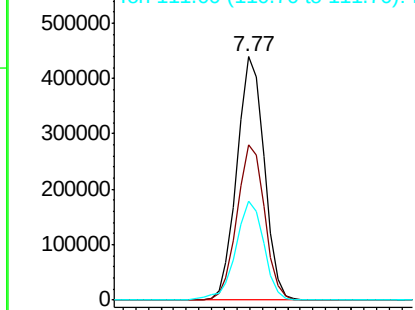


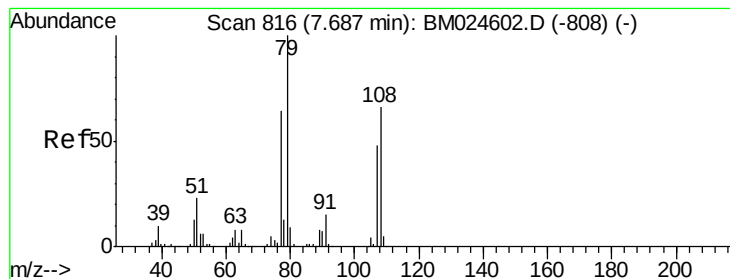
Abundance

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: 29.219 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

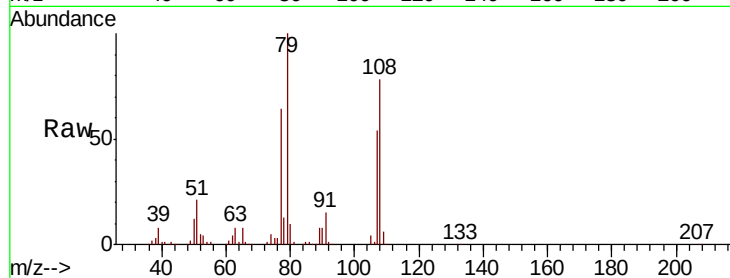
Tot Ion: 79 Resp: 347039

Ion Ratio Lower Upper

79 100

108 77.7 53.0 79.4

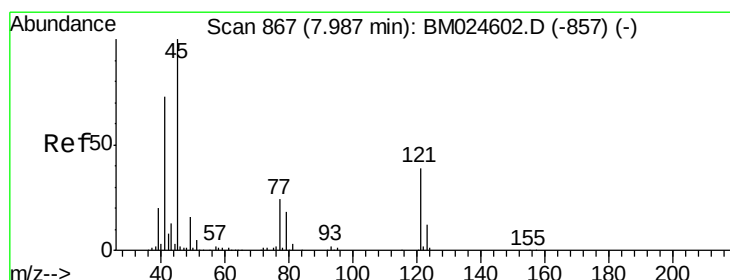
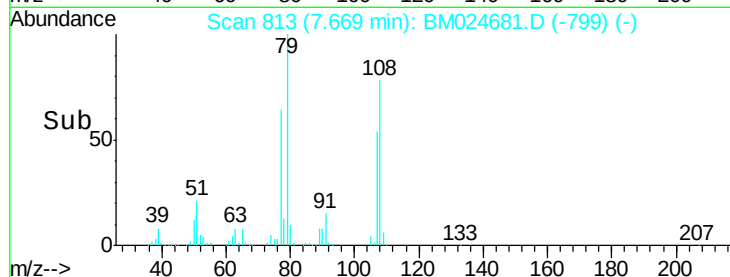
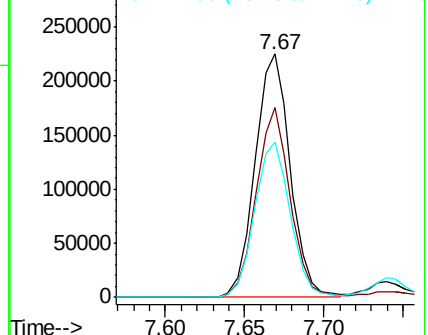
77 63.8 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM024602.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-808) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.560 ng

RT: 7.96 min Scan# 862

Delta R.T. -0.03 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

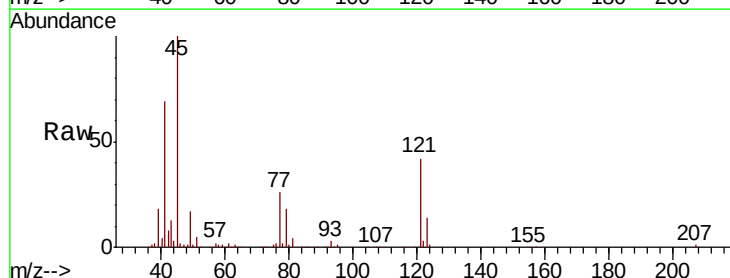
Tgt Ion: 45 Resp: 384748

Ion Ratio Lower Upper

45 100

77 26.3 5.2 45.2

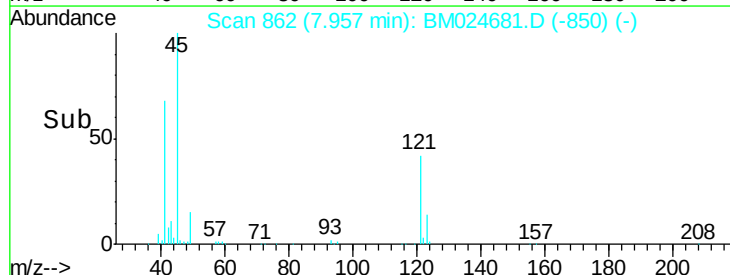
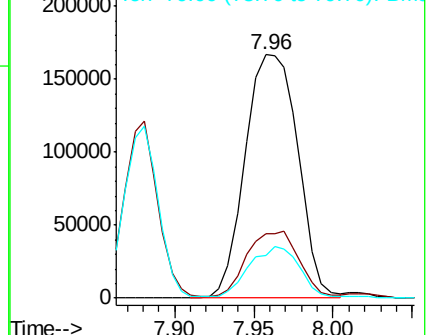
79 17.5 0.0 39.4

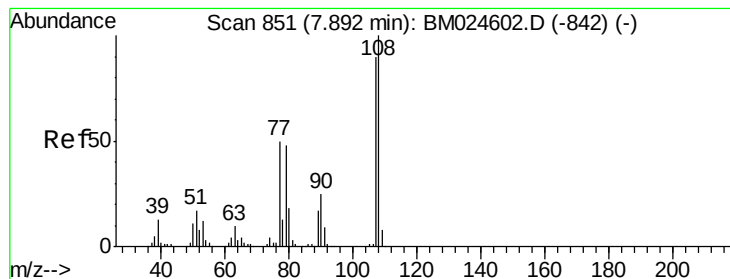


Abundance Ion 45.00 (44.70 to 45.70): BM024602.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM024602.D (-857) (-)





#17

2-Methylphenol

Concen: 37.309 ng

RT: 7.88 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 377537

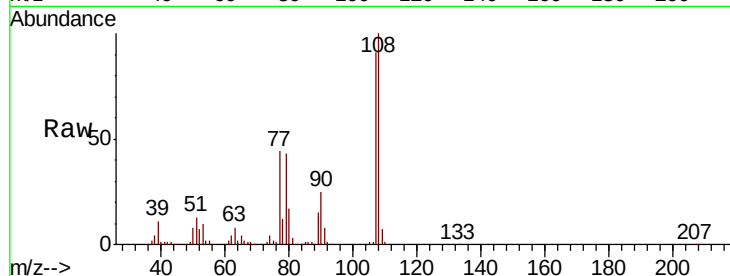
Ion Ratio Lower Upper

107 100

108 110.2 88.9 133.3

77 48.5 44.5 66.7

79 47.3 42.9 64.3

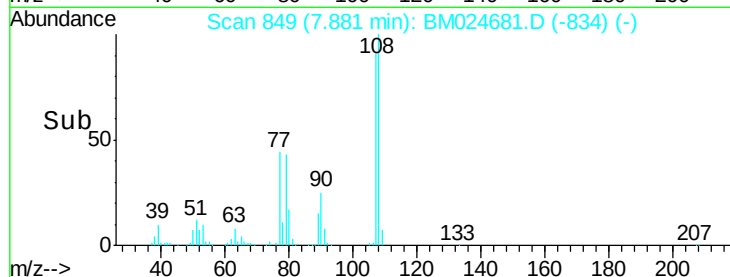


Abundance Ion 107.00 (106.70 to 107.70): E

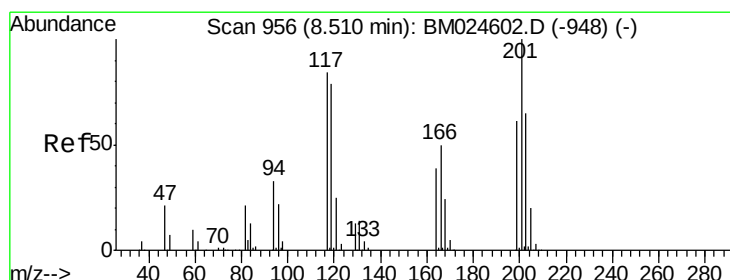
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#18

Hexachloroethane

Concen: 40.223 ng

RT: 8.49 min Scan# 952

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

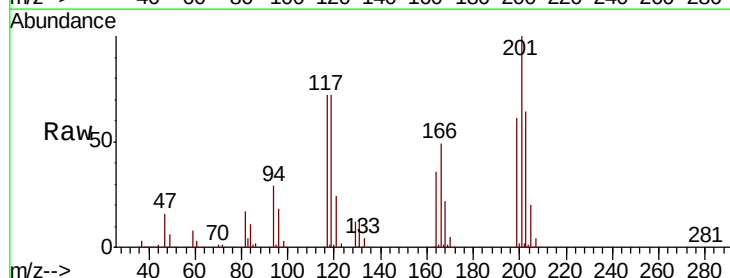
Tgt Ion:117 Resp: 230441

Ion Ratio Lower Upper

117 100

119 100.0 75.4 113.2

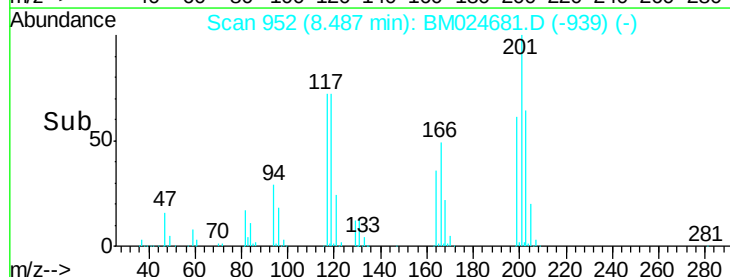
201 139.1 95.8 143.6



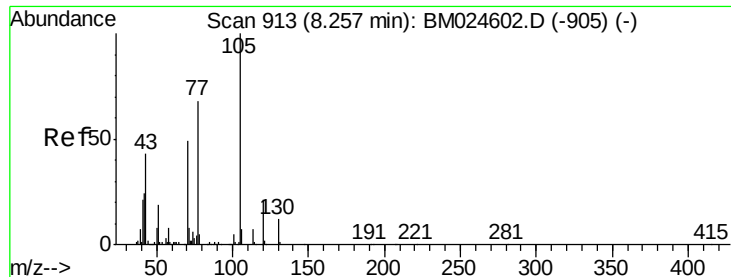
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



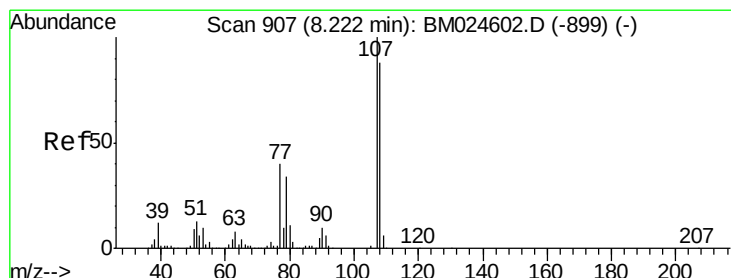
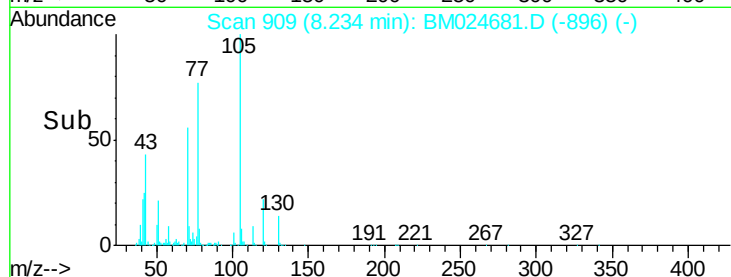
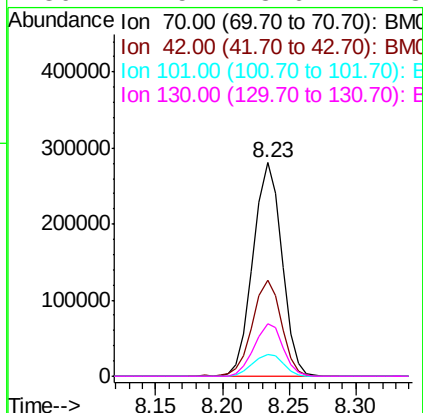
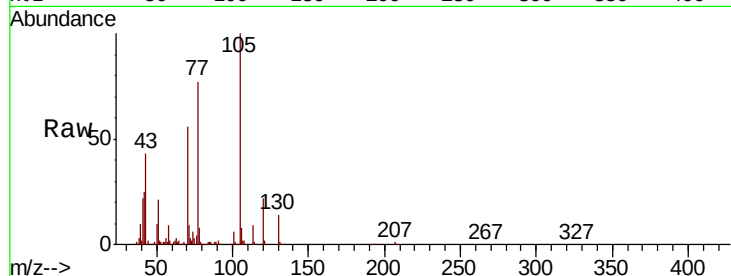
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 38.736 ng
RT: 8.23 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

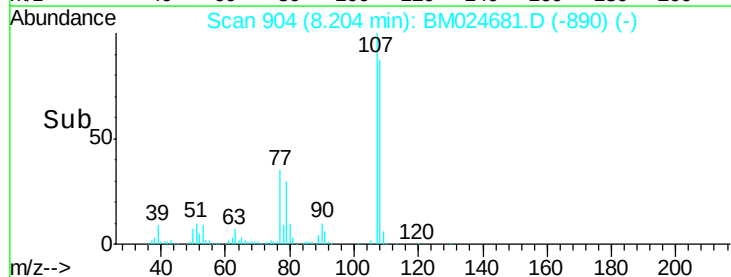
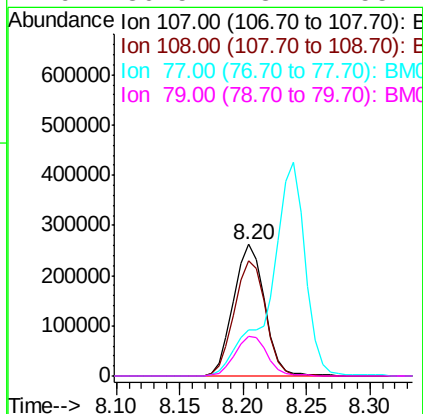
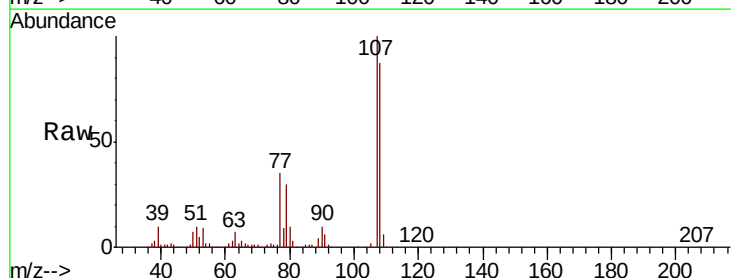
Instrument :
BNA_M
ClientSampleId :

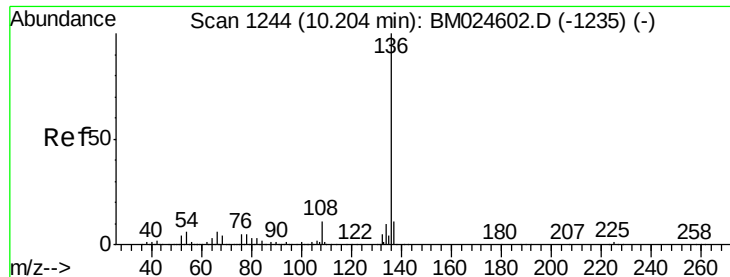
Tot Ion:	70	Resp:	418963
Ion	Ratio	Lower	Upper
70	100		
42	45.0	40.0	60.0
101	10.5	8.2	12.2
130	24.5	18.6	27.8



#20
3+4-Methylphenols
Concen: 32.045 ng
RT: 8.20 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion:	107	Resp:	448873
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.0	108.0
77	35.5	19.9	59.9
79	30.5	13.7	53.7

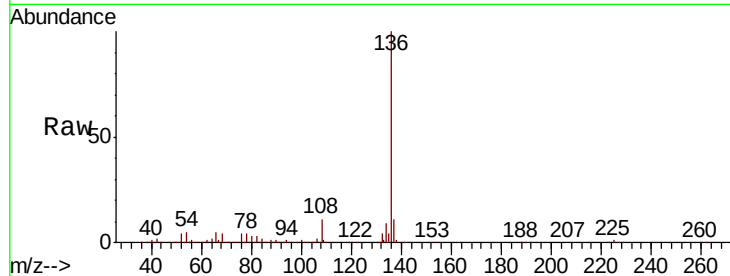




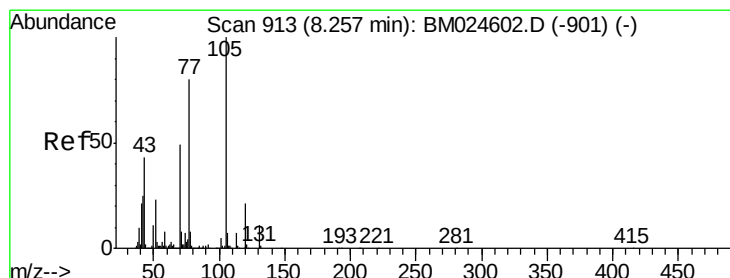
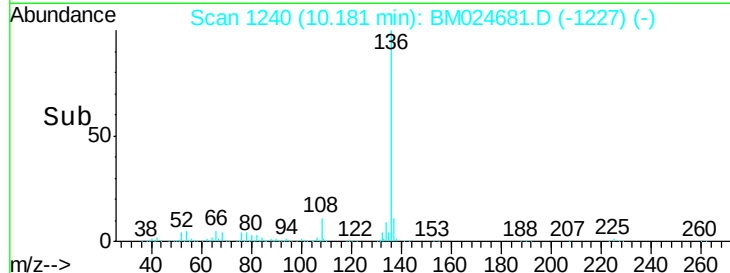
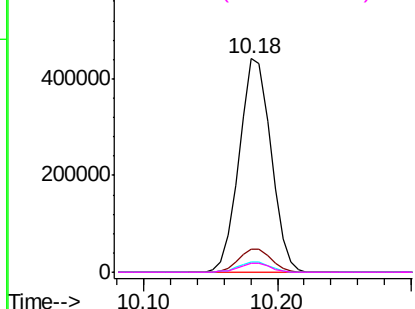
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 728619
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 4.7	4.5 6.7
68 4.3	3.4 5.0

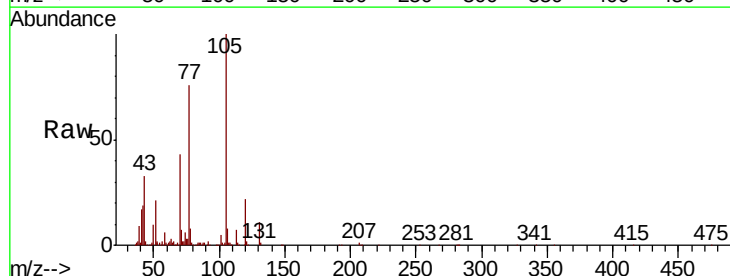


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

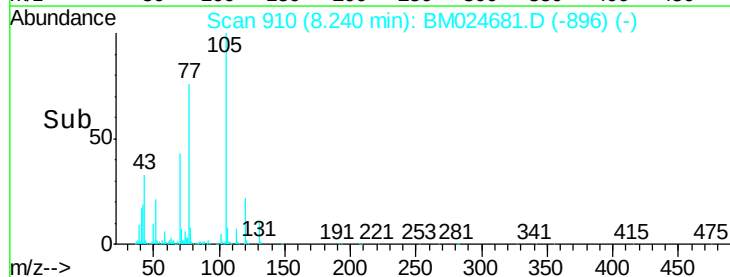
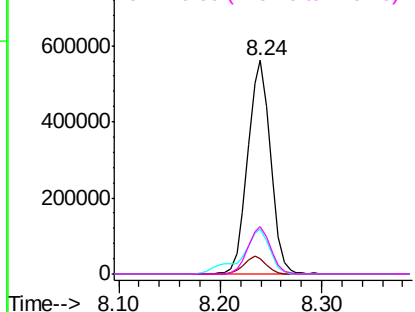


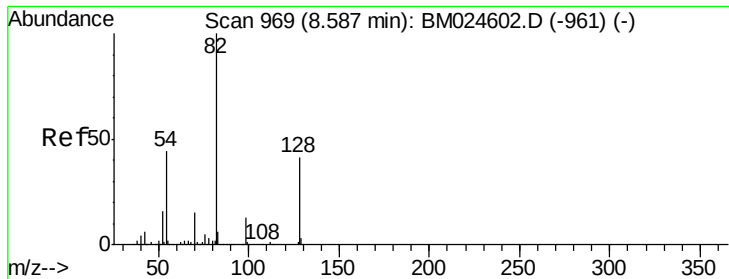
#22
Acetophenone
Concen: 46.610 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt	Ion:105	Resp:	875704
Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.7	10.1
51	20.7	18.5	27.7
120	22.0	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

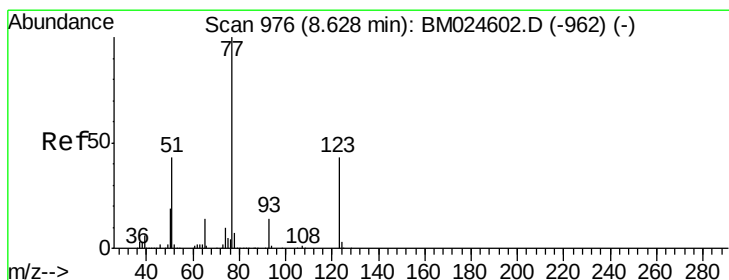
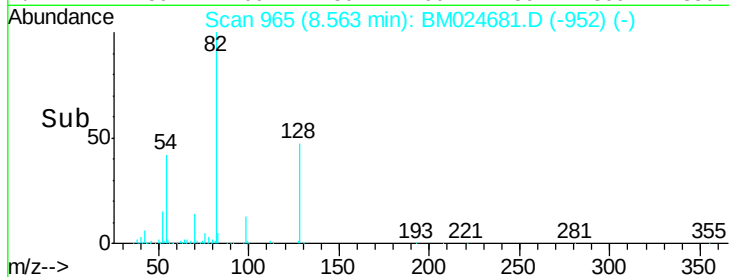
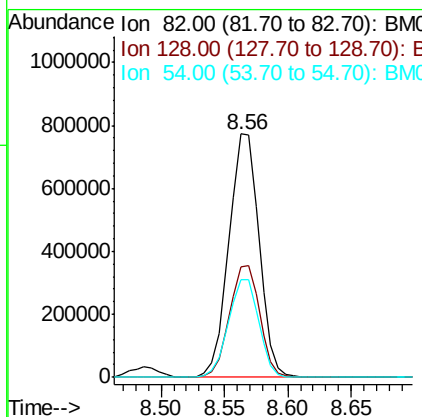
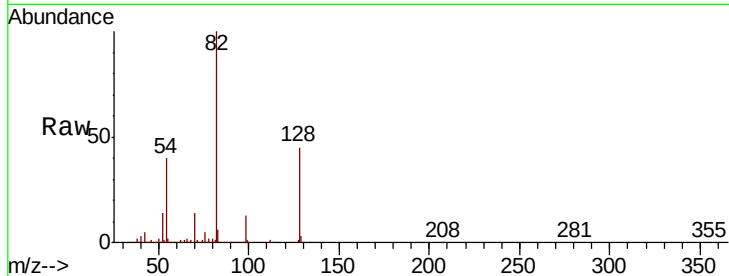




#23
 Nitrobenzene-d5
 Concen: 85.563 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

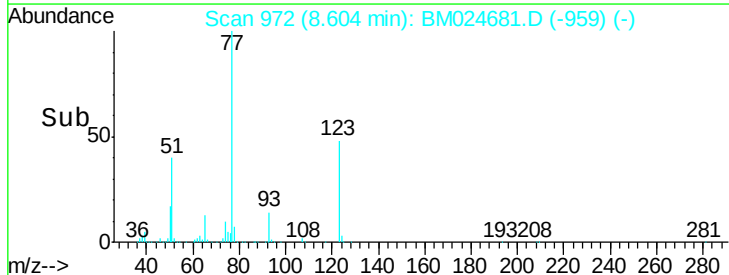
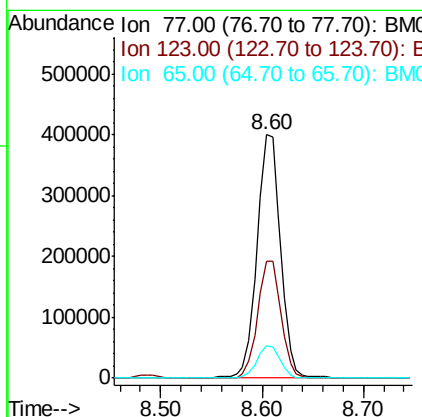
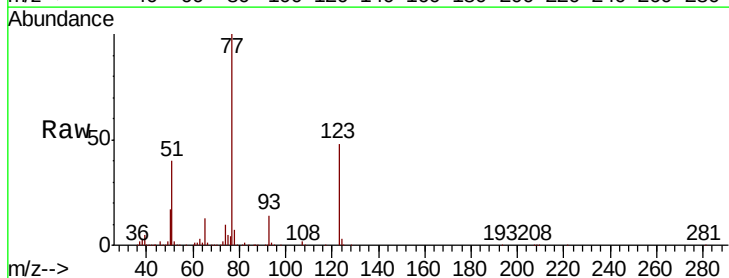
Instrument :
 BNA_M
 ClientSampleId :

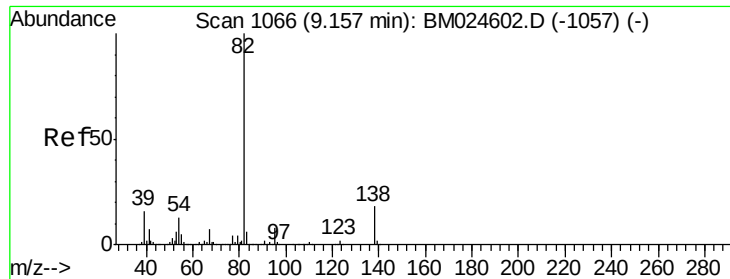
Tot Ion: 82 Resp: 1271225
 Ion Ratio Lower Upper
 82 100
 128 45.2 32.6 48.8
 54 40.0 34.8 52.2



#24
 Nitrobenzene
 Concen: 45.074 ng
 RT: 8.60 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion: 77 Resp: 641737
 Ion Ratio Lower Upper
 77 100
 123 48.1 34.6 52.0
 65 13.3 11.0 16.4





#25

Isophorone

Concen: 45.614 ng

RT: 9.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

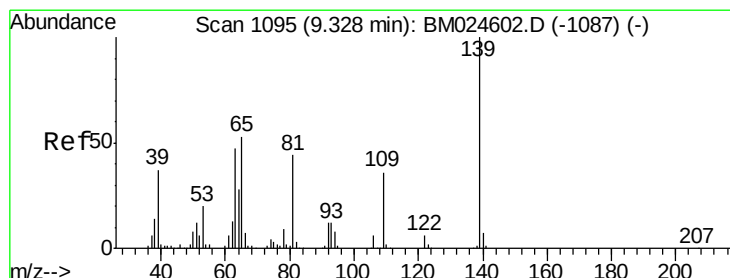
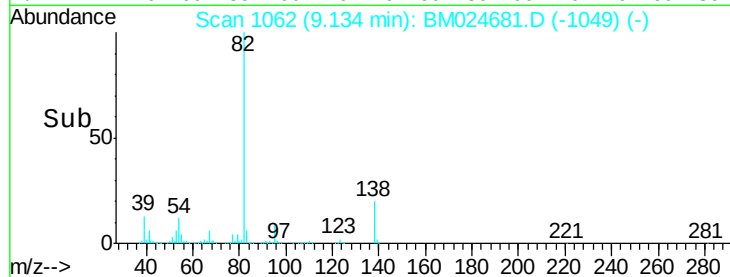
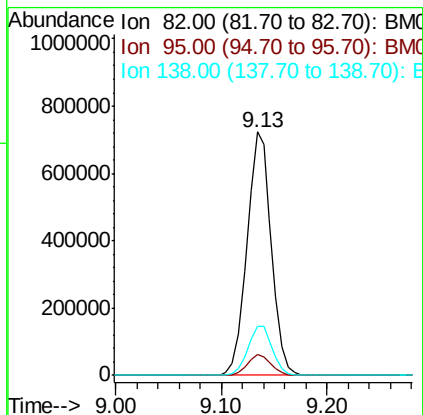
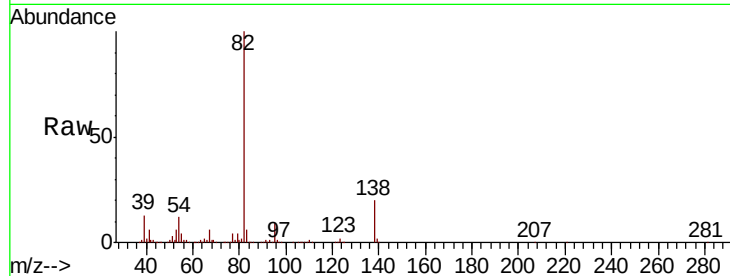
Tot Ion: 82 Resp: 1151498

Ion Ratio Lower Upper

82 100

95 8.6 6.7 10.1

138 20.2 14.7 22.1



#26

2-Nitrophenol

Concen: 55.134 ng

RT: 9.31 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

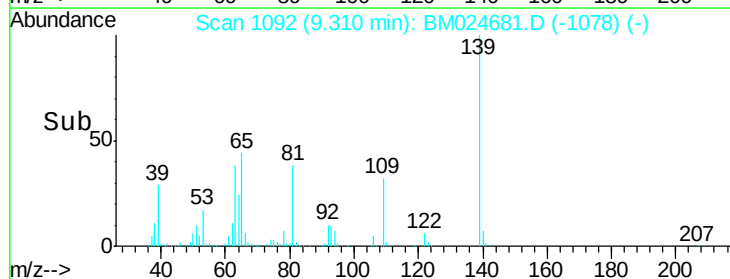
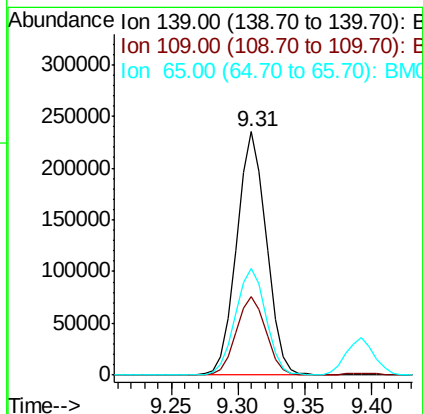
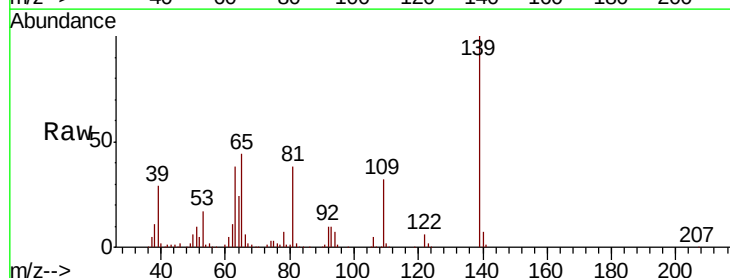
Tgt Ion: 139 Resp: 363478

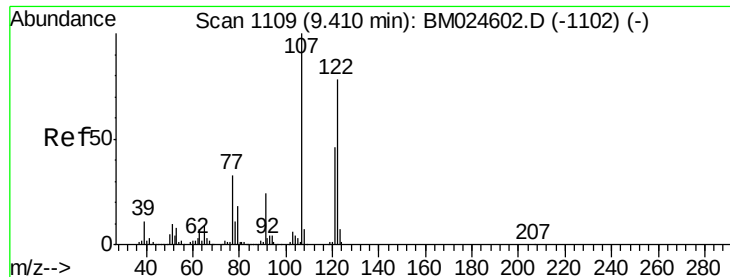
Ion Ratio Lower Upper

139 100

109 32.5 28.8 43.2

65 44.0 42.6 63.8

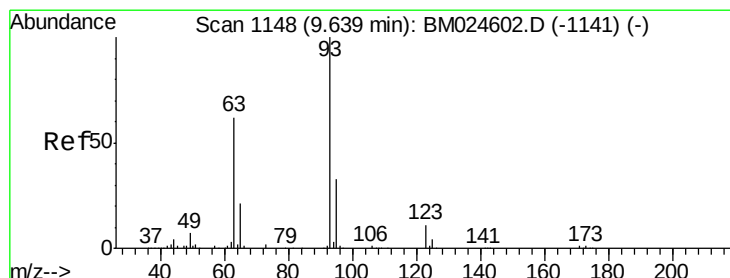
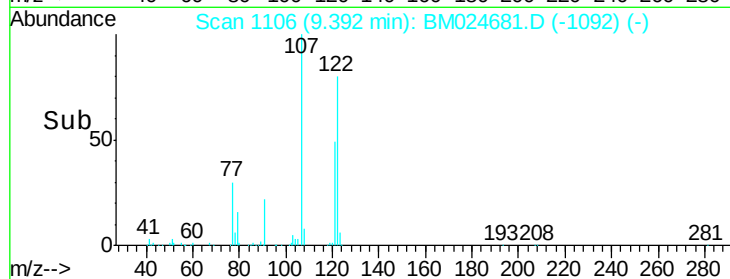
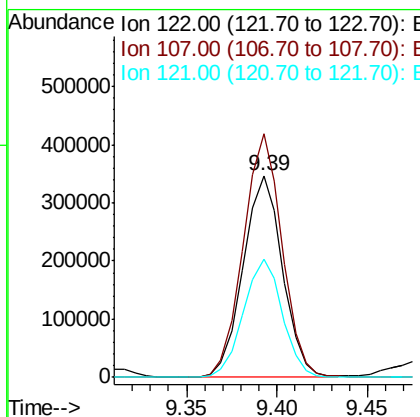
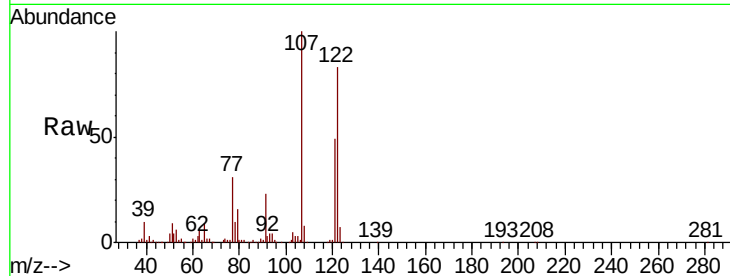




#27
 2,4-Dimethylphenol
 Concen: 58.501 ng
 RT: 9.39 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

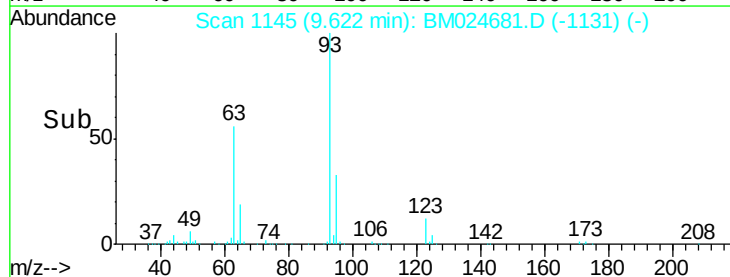
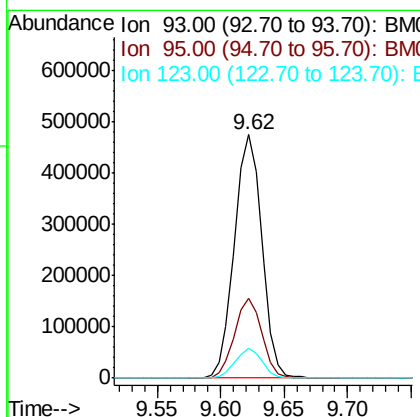
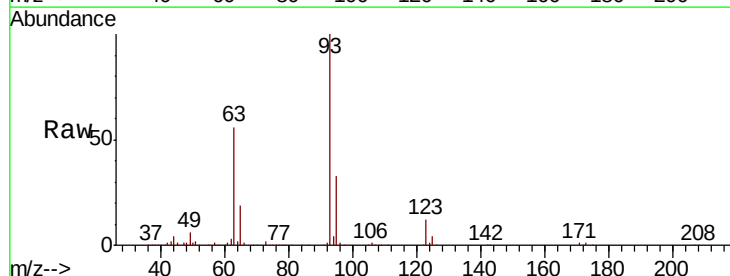
Instrument :
 BNA_M
 ClientSampled :

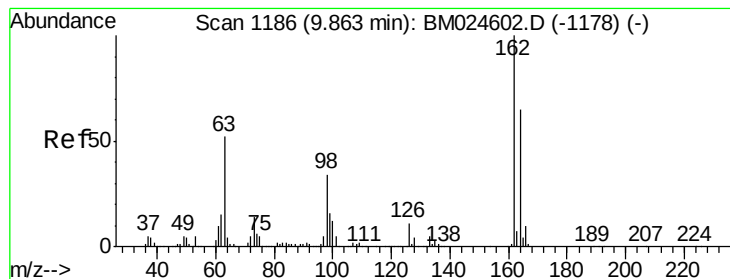
Tot Ion:122 Resp: 524098
 Ion Ratio Lower Upper
 122 100
 107 120.5 102.5 153.7
 121 58.7 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.165 ng
 RT: 9.62 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion: 93 Resp: 711925
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.1 39.1
 123 12.1 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 55.652 ng

RT: 9.85 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampled :

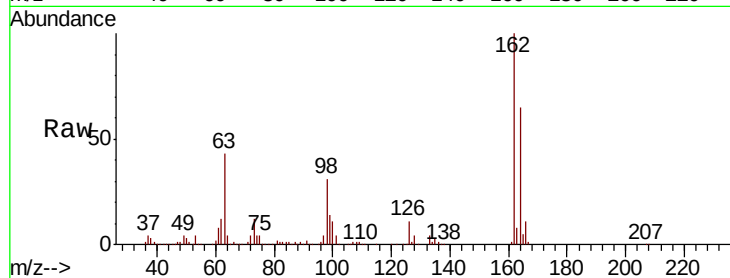
Tot Ion:162 Resp: 673587

Ion Ratio Lower Upper

162 100

164 65.5 44.5 84.5

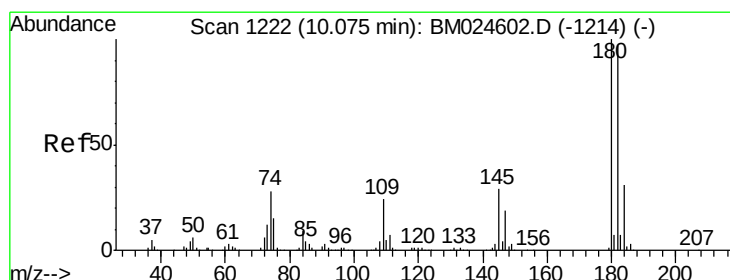
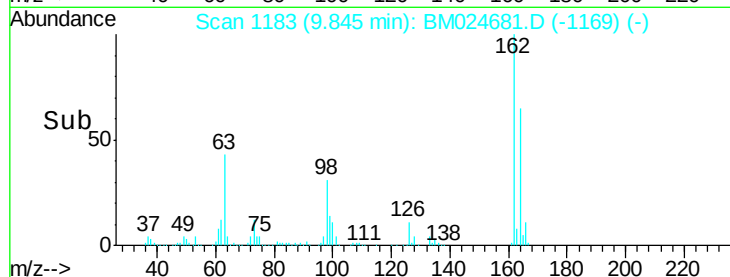
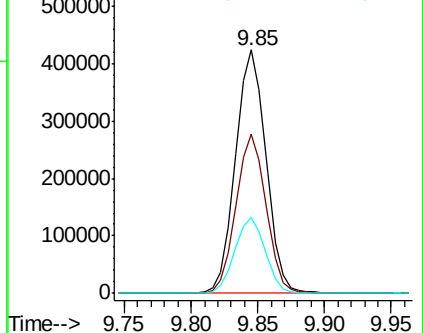
98 31.2 14.2 54.2



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): BM



#30

1,2,4-Trichlorobenzene

Concen: 49.652 ng

RT: 10.06 min Scan# 1219

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

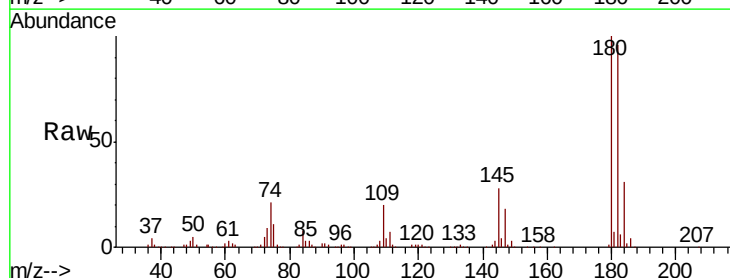
Tgt Ion:180 Resp: 724796

Ion Ratio Lower Upper

180 100

182 96.2 77.8 116.6

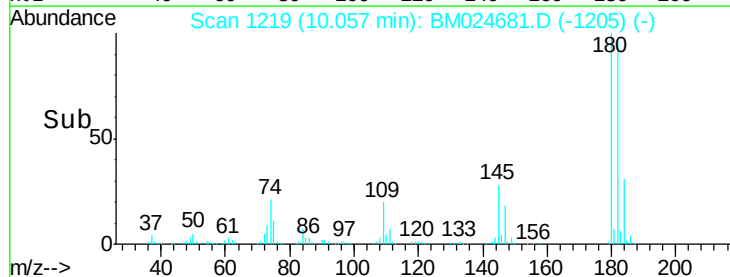
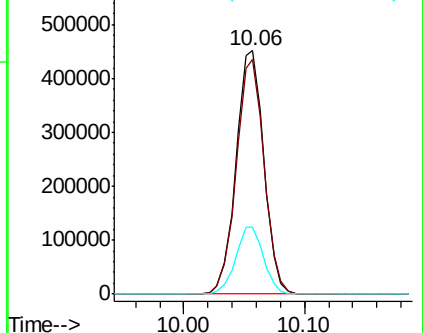
145 27.6 22.9 34.3

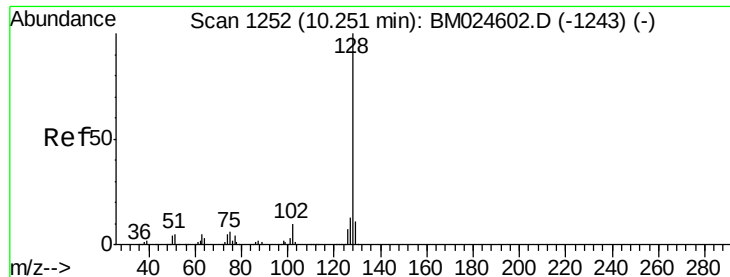


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

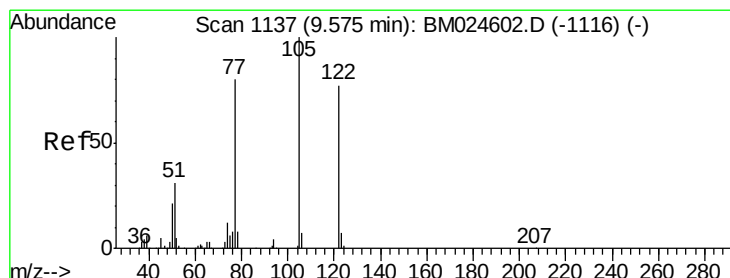
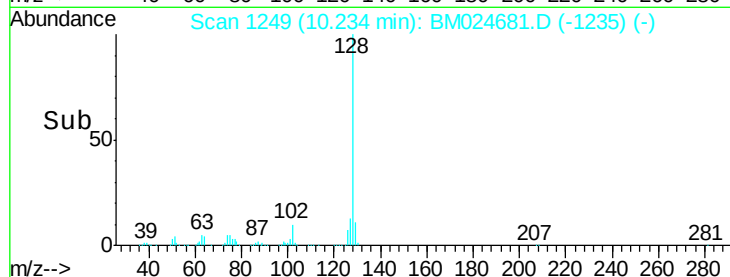
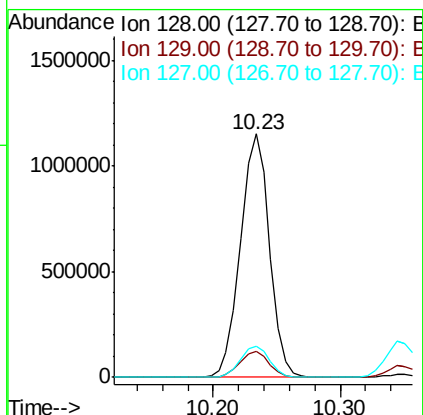
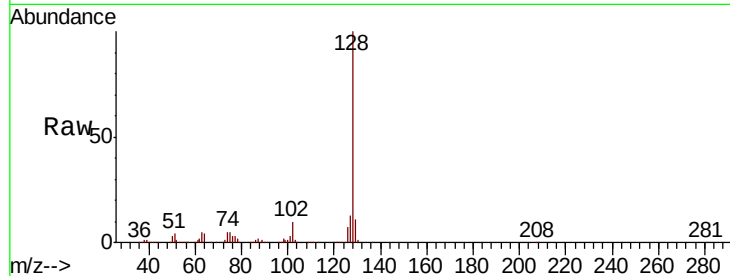




#31
Naphthalene
Concen: 49.569 ng
RT: 10.23 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

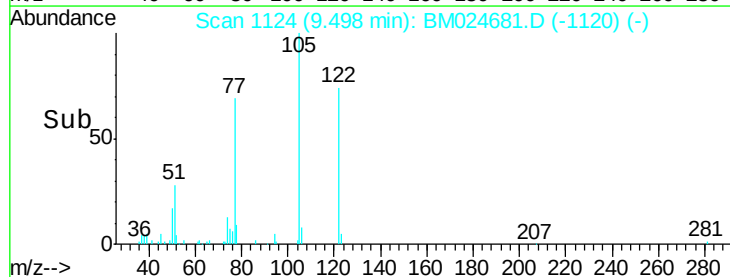
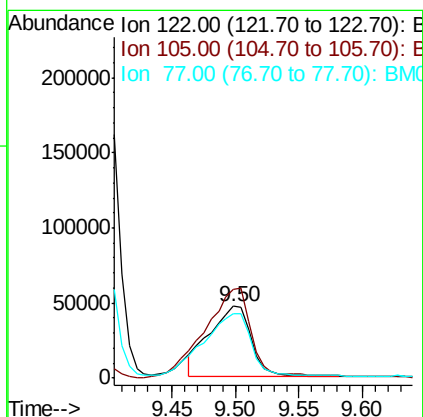
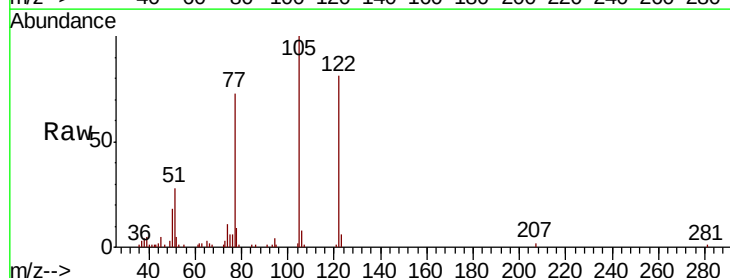
Instrument :
BNA_M
ClientSampleId :

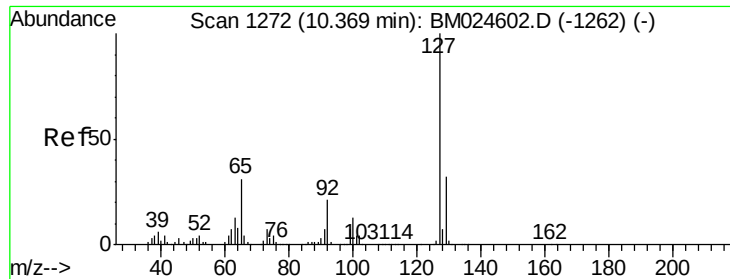
Tot Ion:128 Resp: 1824167
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 13.131 ng
RT: 9.50 min Scan# 1124
Delta R.T. -0.08 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion:122 Resp: 107608
Ion Ratio Lower Upper
122 100
105 123.3 107.7 147.7
77 90.5 83.8 123.8

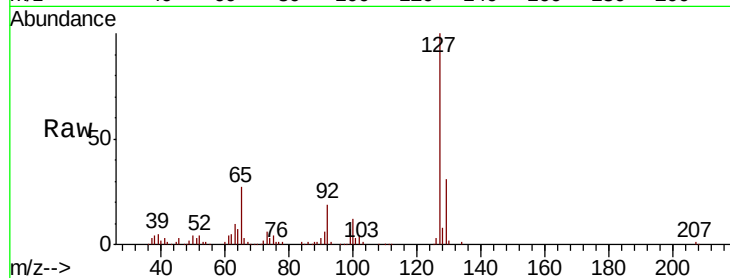




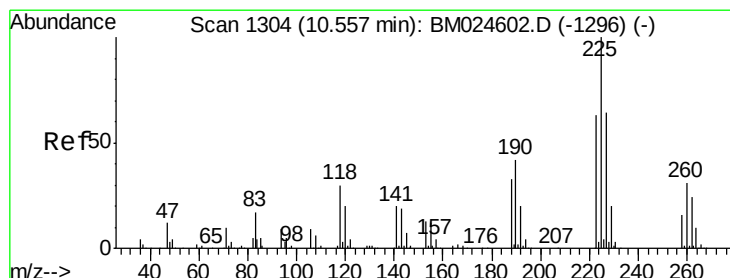
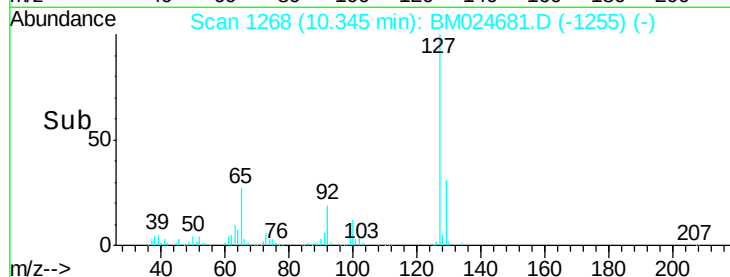
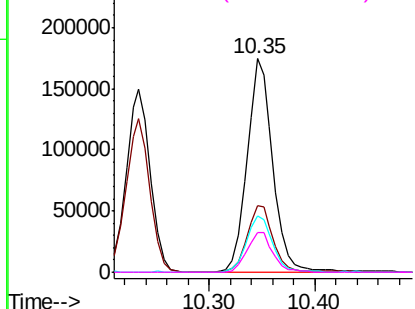
#33
4-Chloroaniline
Concen: 18.285 ng
RT: 10.35 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	294956
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	26.6	25.1	37.7
92	18.8	16.6	25.0

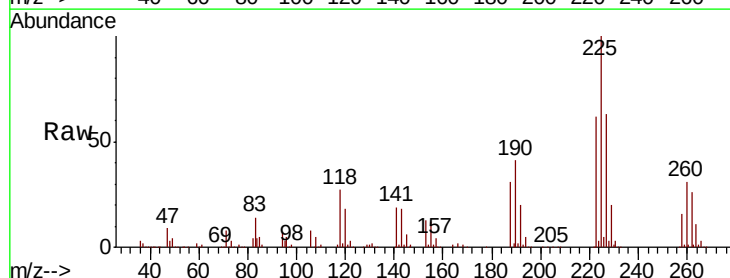


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

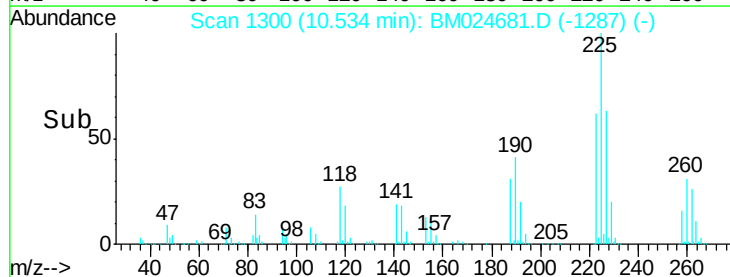
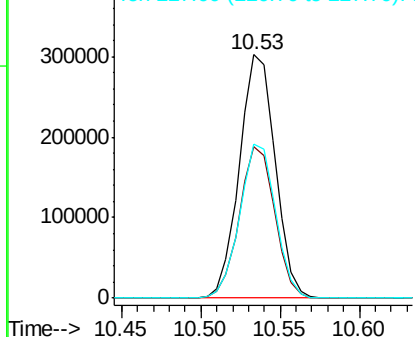


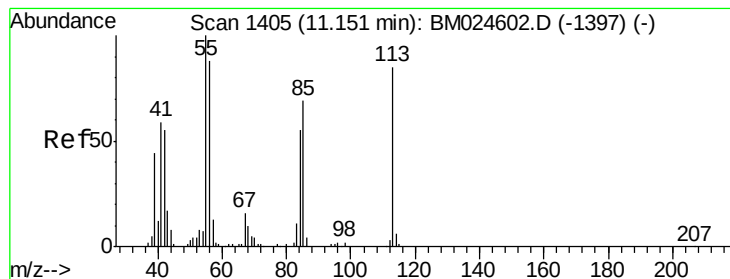
#34
Hexachlorobutadiene
Concen: 46.996 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion:	225	Resp:	474237
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.7	76.1
227	63.2	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: 2.230 ng

RT: 11.17 min Scan# 1409

Delta R.T. 0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

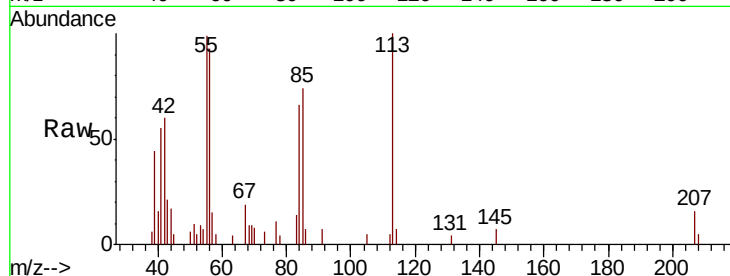
Tot Ion:113 Resp: 8659

Ion Ratio Lower Upper

113 100

55 99.4 97.5 137.5

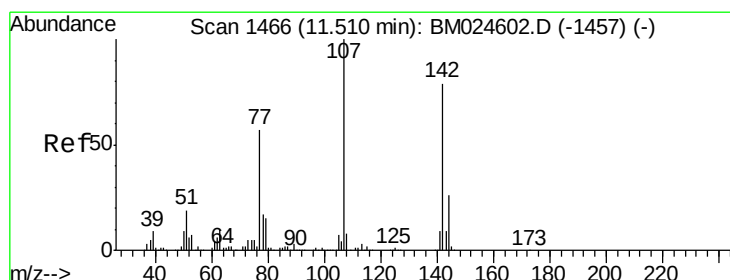
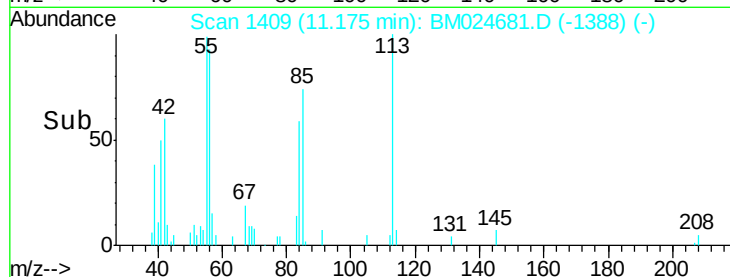
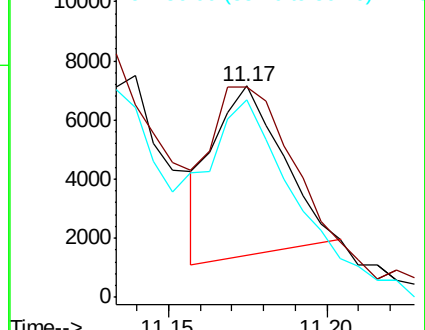
56 93.1 83.4 123.4



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: 46.389 ng

RT: 11.49 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

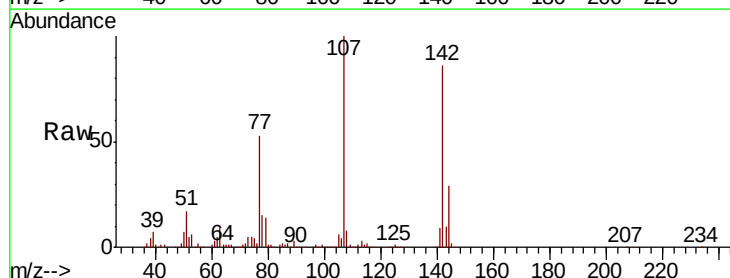
Tgt Ion:107 Resp: 597032

Ion Ratio Lower Upper

107 100

144 29.3 20.5 30.7

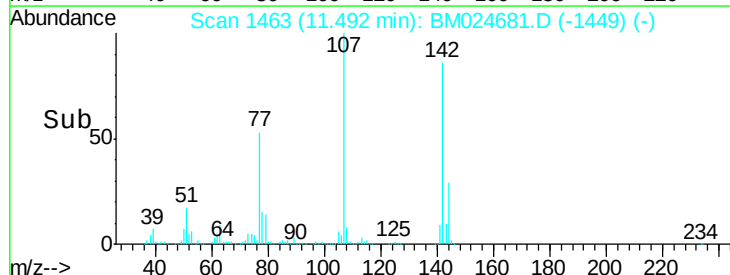
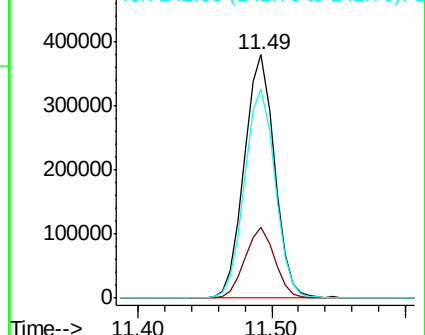
142 86.1 62.8 94.2

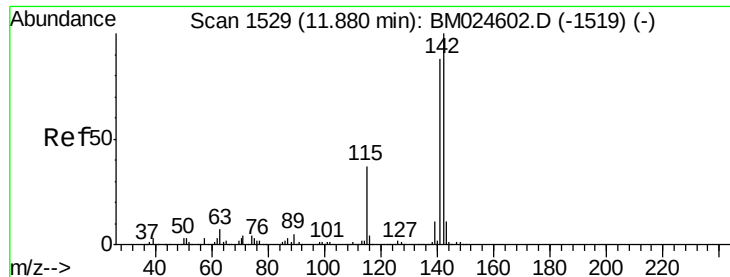


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

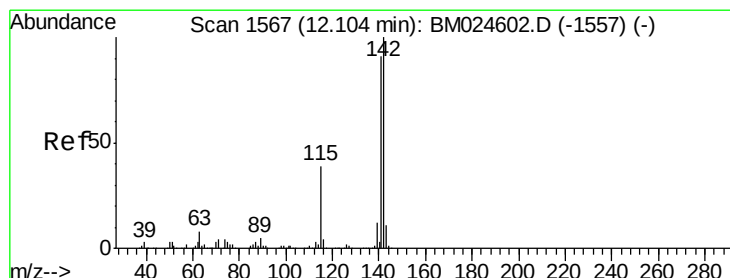
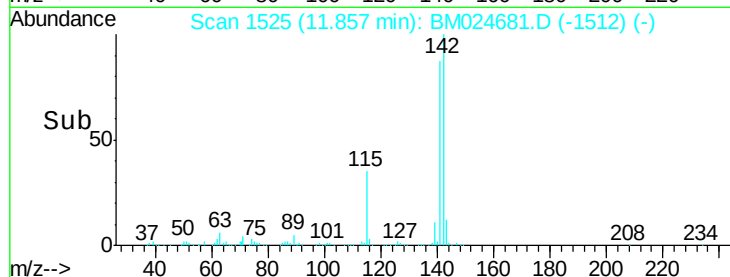
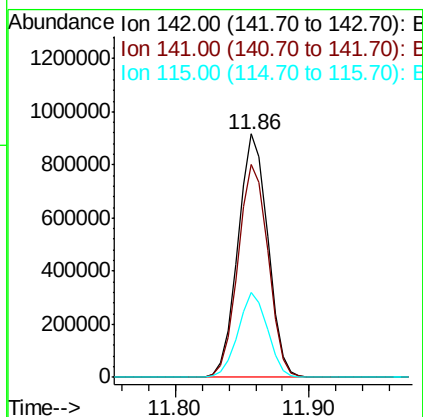
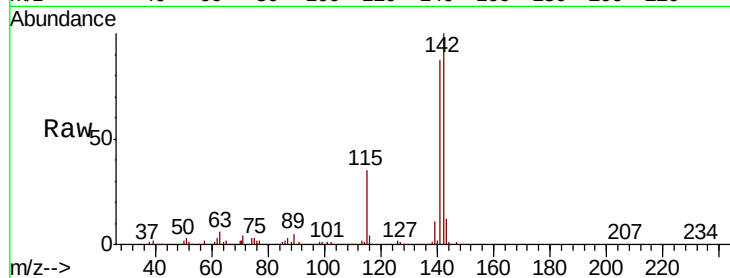




#37
 2-Methylnaphthalene
 Concen: 50.094 ng
 RT: 11.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

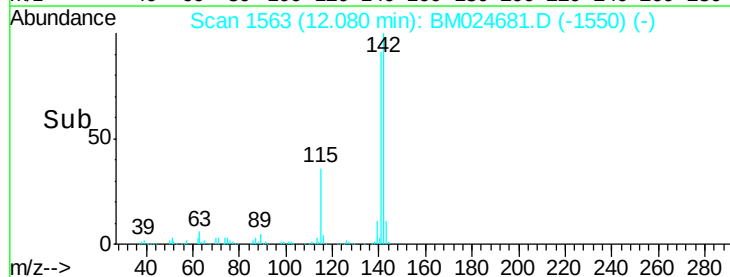
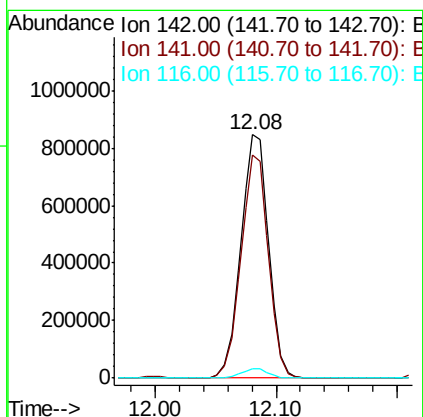
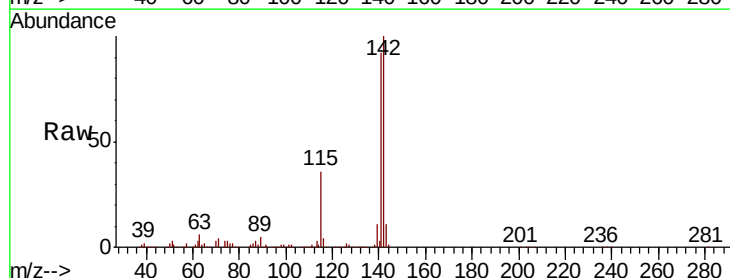
Instrument :
 BNA_M
 ClientSampleId :

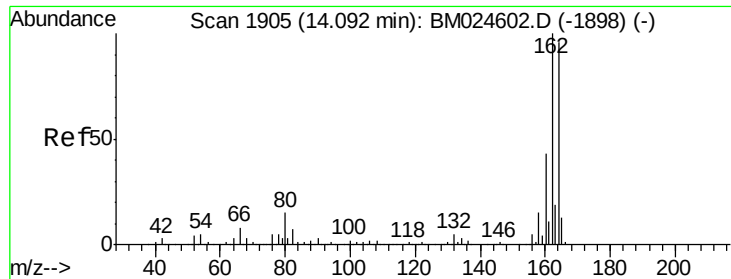
Tot Ion:142 Resp: 1422667
 Ion Ratio Lower Upper
 142 100
 141 87.3 70.2 105.2
 115 34.7 29.7 44.5



#38
 1-Methylnaphthalene
 Concen: 50.128 ng
 RT: 12.08 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion:142 Resp: 1354193
 Ion Ratio Lower Upper
 142 100
 141 91.6 72.8 109.2
 116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM024681.D

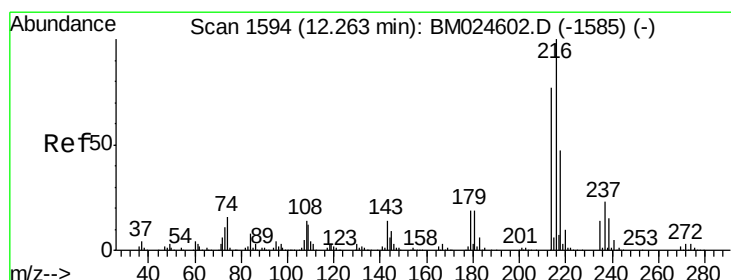
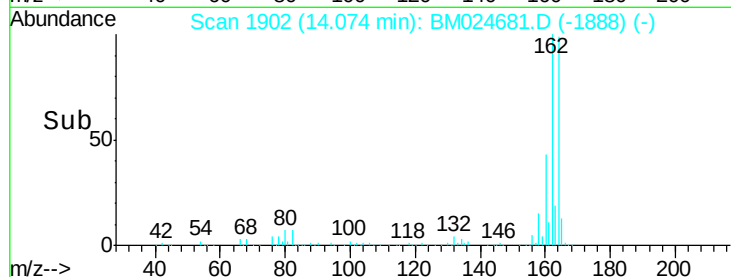
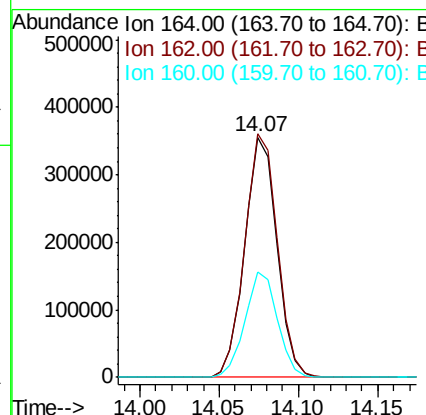
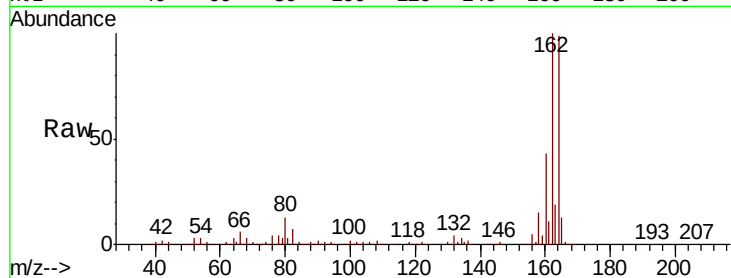
Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion:164	Resp:	502520
Ion Ratio	Lower	Upper
164	100	
162	101.3	82.9 124.3
160	44.0	35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.361 ng

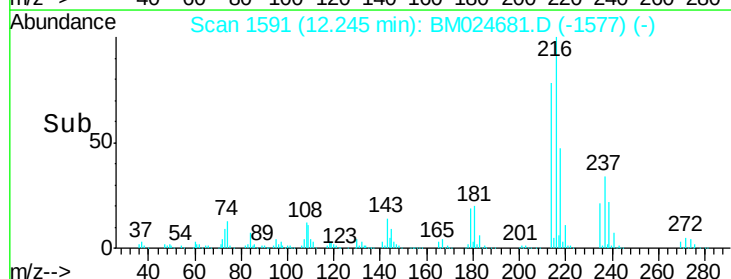
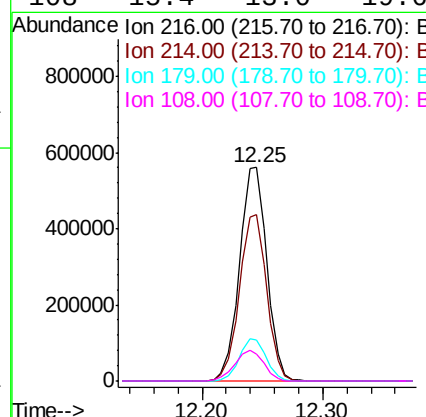
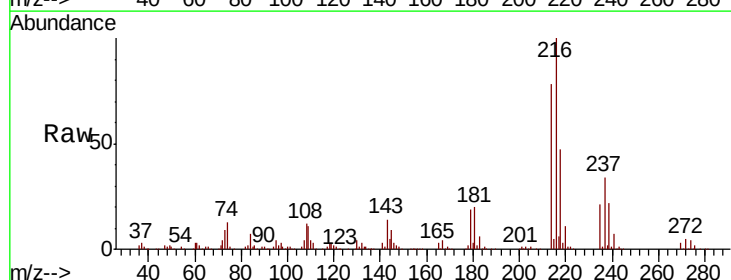
RT: 12.25 min Scan# 1591

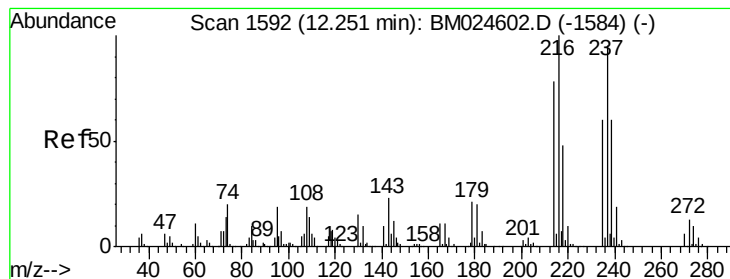
Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion:216	Resp:	885286
Ion Ratio	Lower	Upper
216	100	
214	77.6	62.3 93.5
179	19.6	16.1 24.1
108	15.4	13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 102.439 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

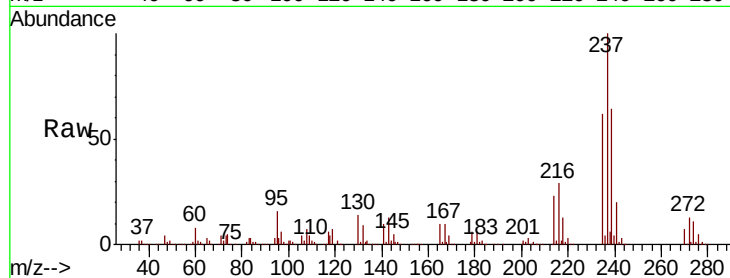
Tot Ion:237 Resp: 1029804

Ion Ratio Lower Upper

237 100

235 61.6 43.3 83.3

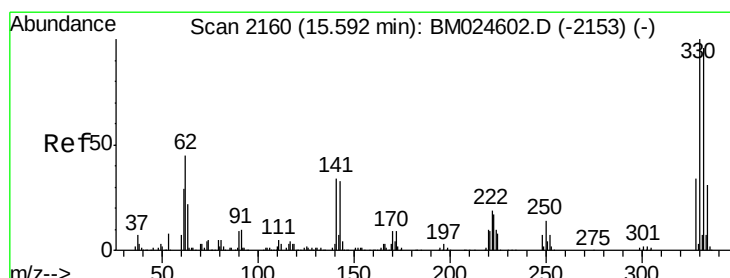
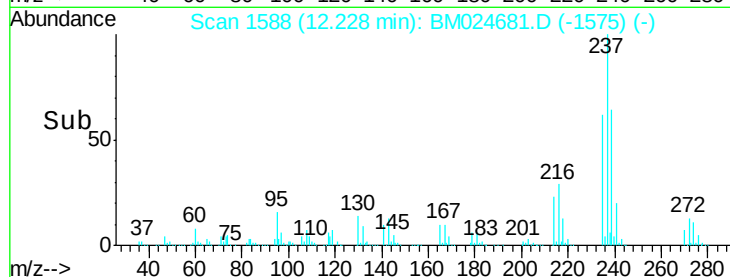
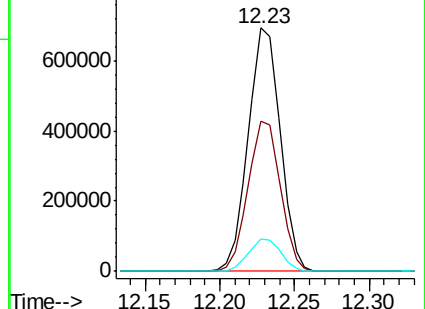
272 13.4 0.0 33.4



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: 109.247 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

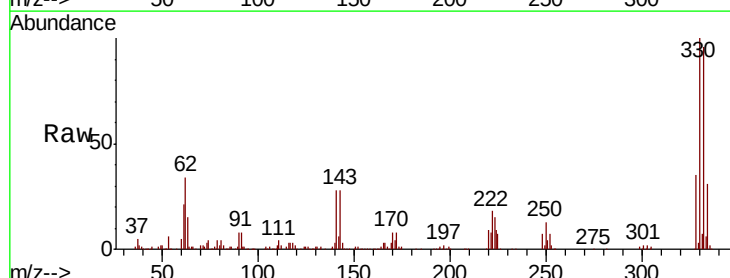
Tgt Ion:330 Resp: 893011

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

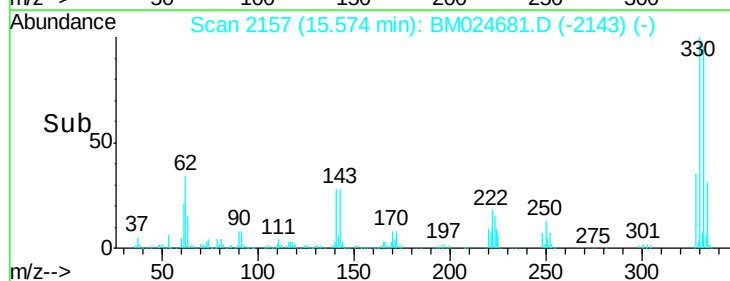
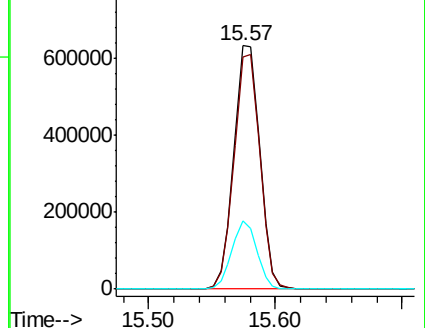
141 27.0 26.9 40.3

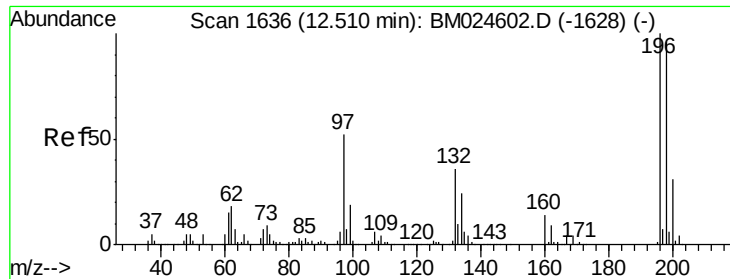


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

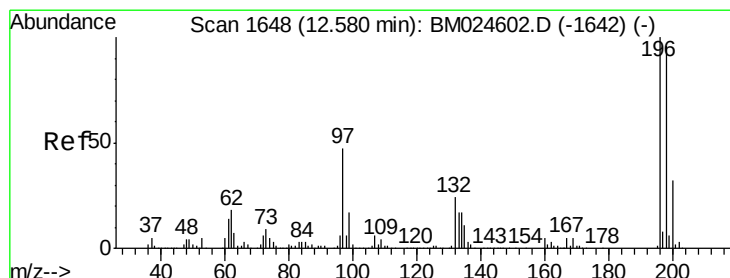
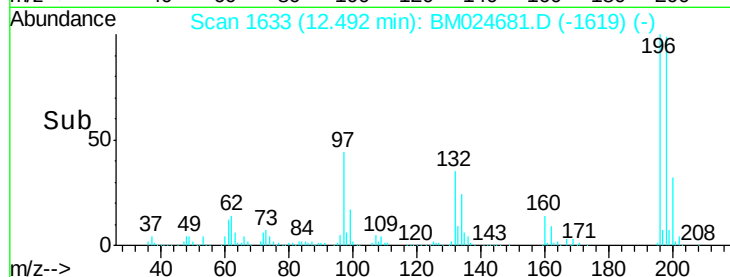
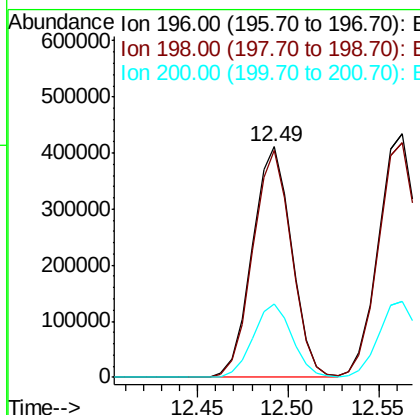
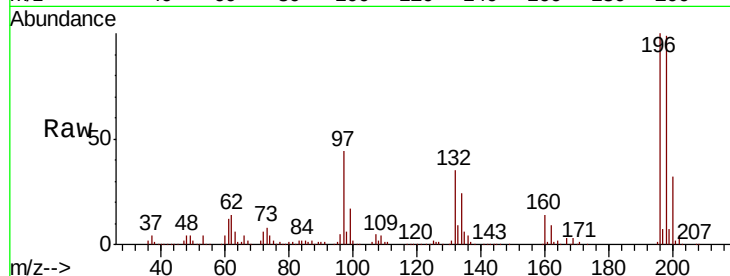




#43
 2,4,6-Trichlorophenol
 Concen: 54.380 ng
 RT: 12.49 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

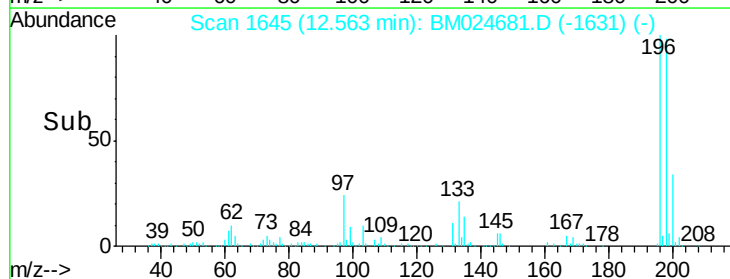
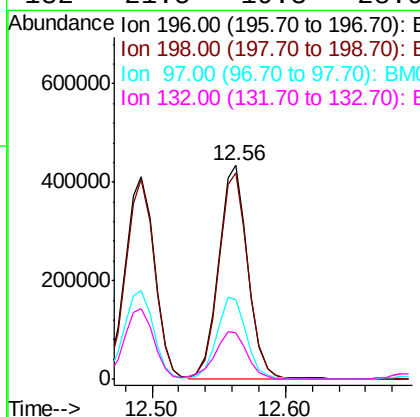
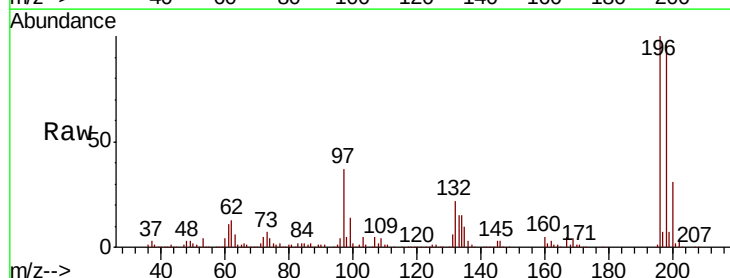
Instrument :
 BNA_M
 ClientSampled :

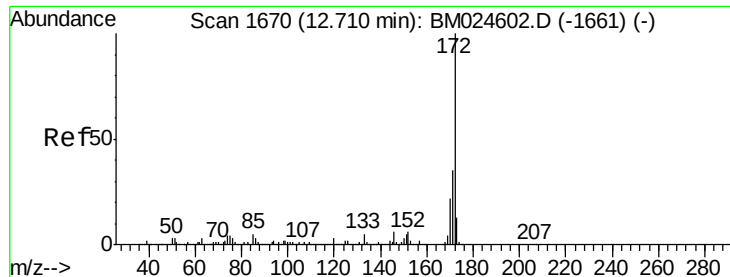
Tot Ion:196 Resp: 620640
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.5 114.7
 200 31.6 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 56.664 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion:196 Resp: 660462
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.2 115.8
 97 37.5 37.4 56.0
 132 21.5 19.3 28.9

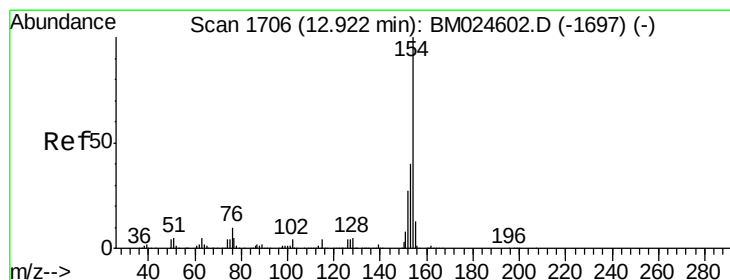
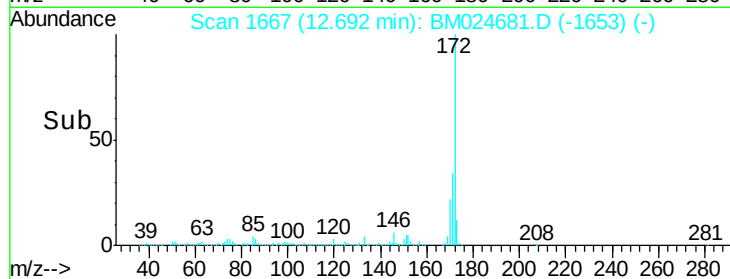
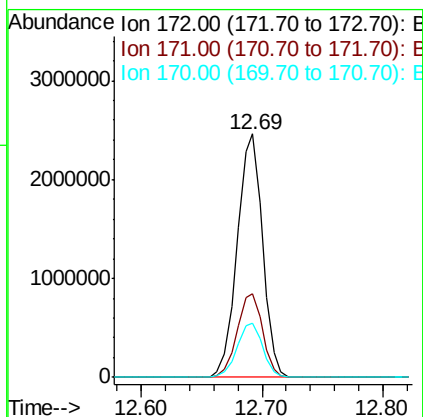
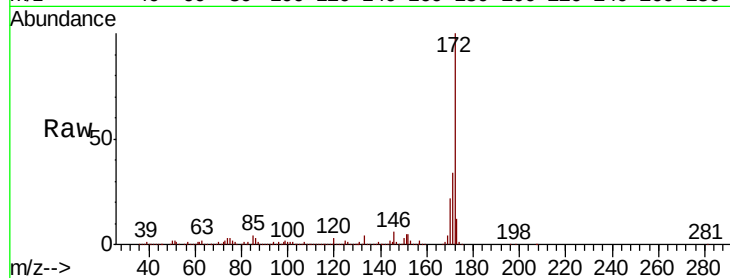




#45
2-Fluorobiphenyl
Concen: 97.074 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

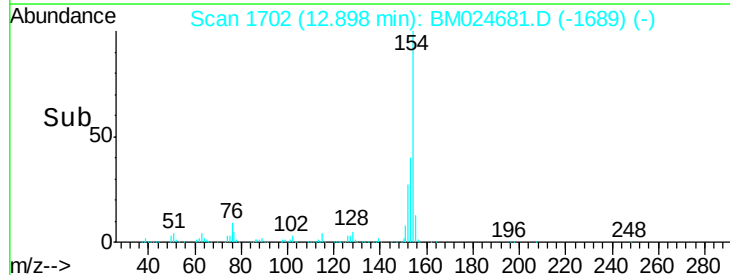
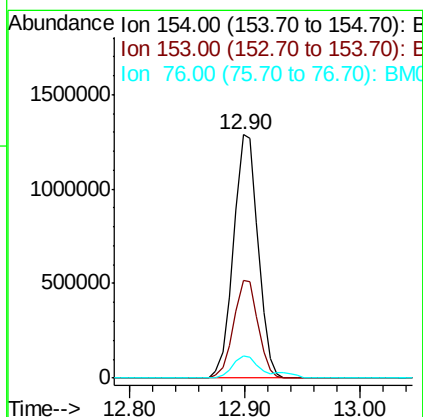
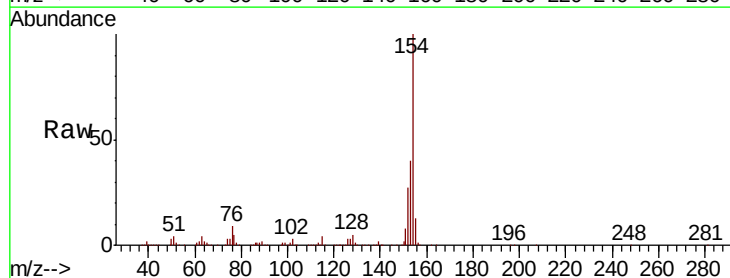
Instrument :
BNA_M
ClientSampleId :

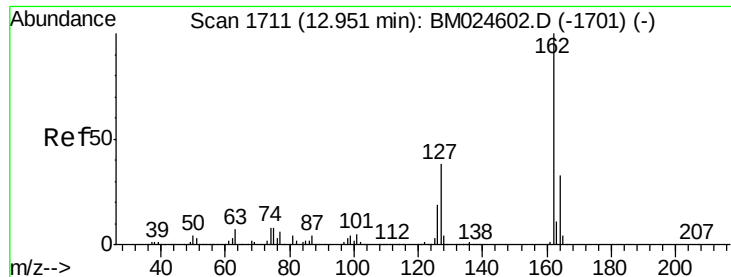
Tot Ion:172 Resp: 3588212
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.4 17.9 26.9



#46
1,1'-Biphenyl
Concen: 49.843 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion:154 Resp: 1895503
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 9.3 0.0 30.5

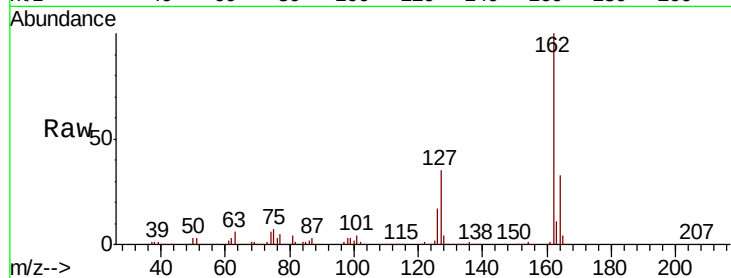




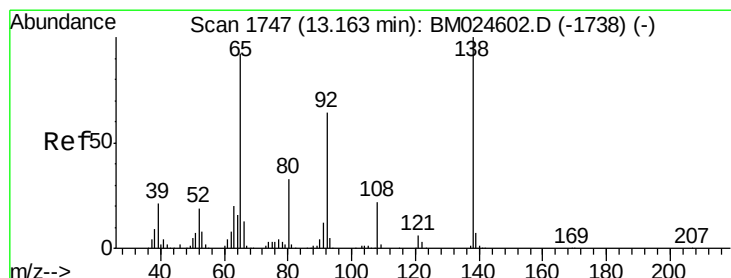
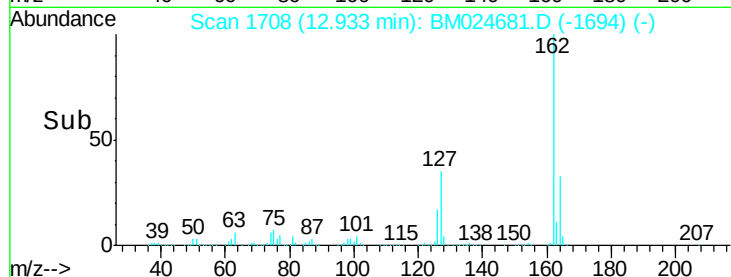
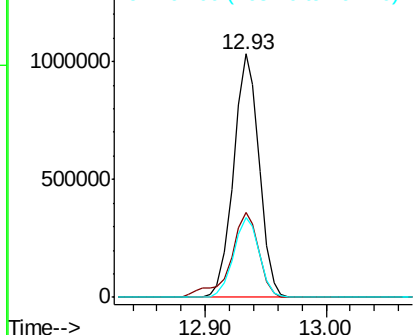
#47
2-Chloronaphthalene
Concen: 49.472 ng
RT: 12.93 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 1518854
Ion Ratio Lower Upper
162 100
127 34.8 30.4 45.6
164 32.9 26.5 39.7

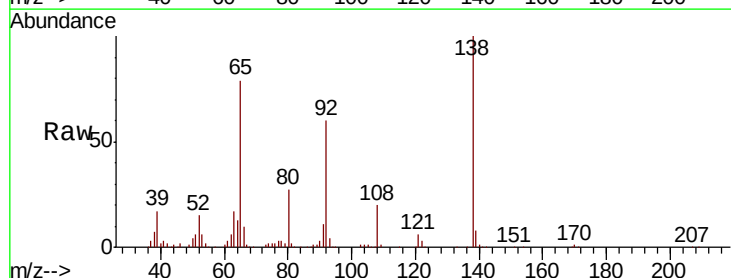


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

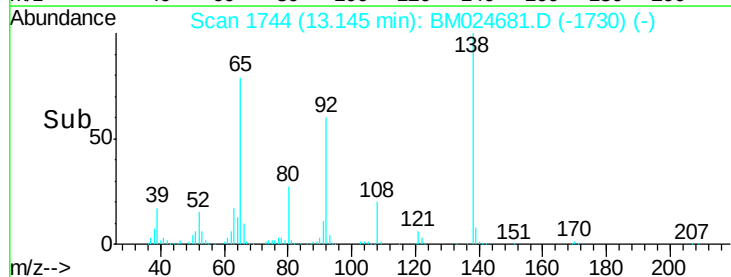
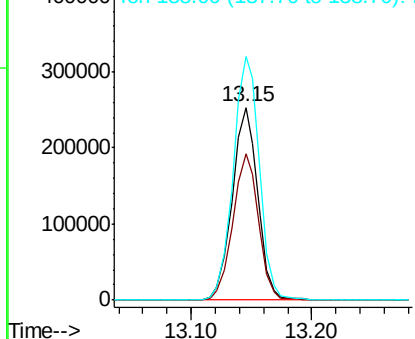


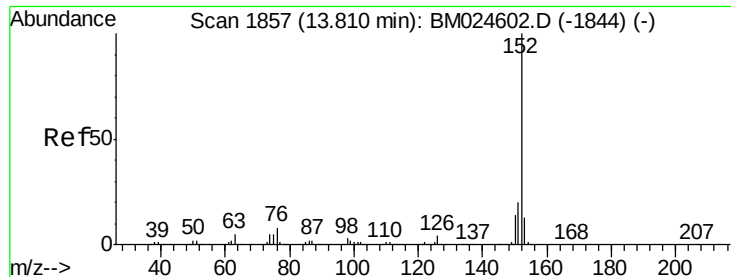
#48
2-Nitroaniline
Concen: 39.929 ng
RT: 13.15 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion: 65 Resp: 373882
Ion Ratio Lower Upper
65 100
92 75.8 55.4 83.2
138 126.3 86.6 129.8



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





#49

Acenaphthylene

Concen: 52.521 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

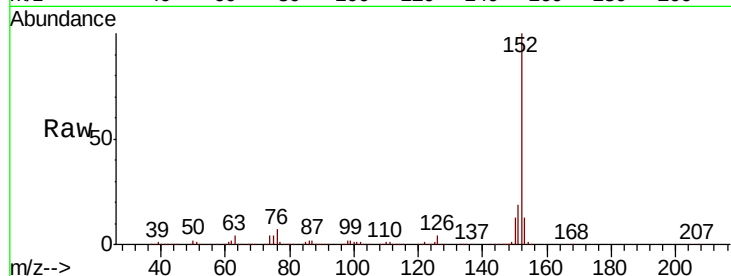
Tot Ion:152 Resp: 2413882

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

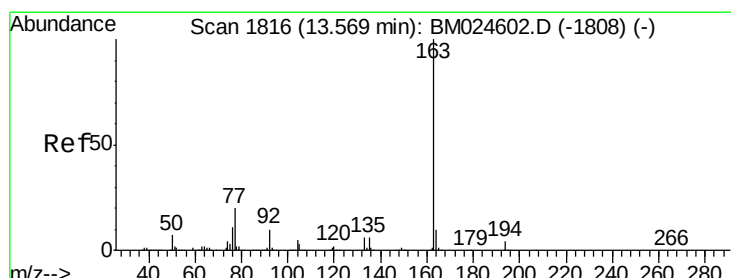
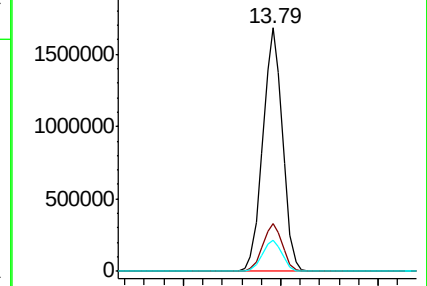
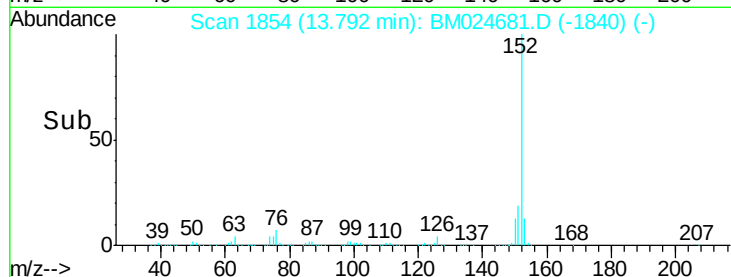
153 13.0 10.4 15.6



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: 49.844 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

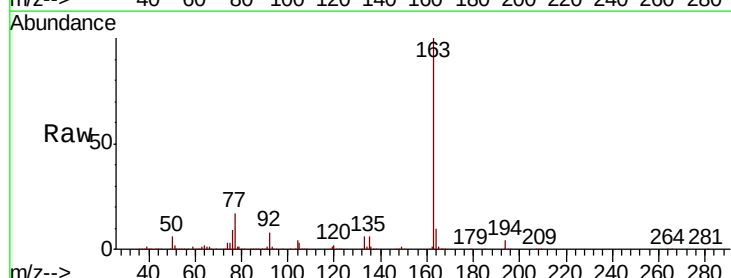
Tgt Ion:163 Resp: 2025398

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

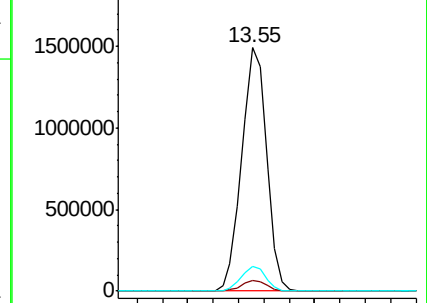
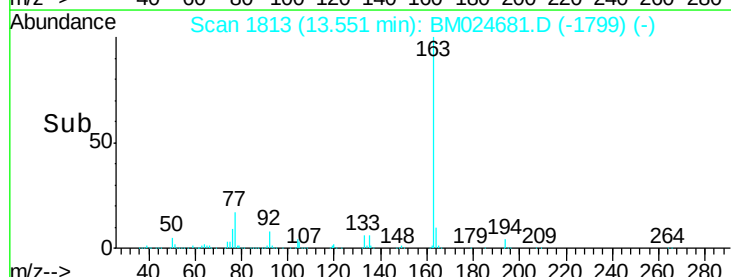
164 10.3 8.0 12.0

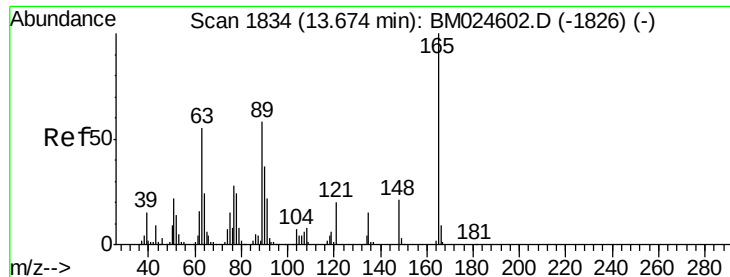


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

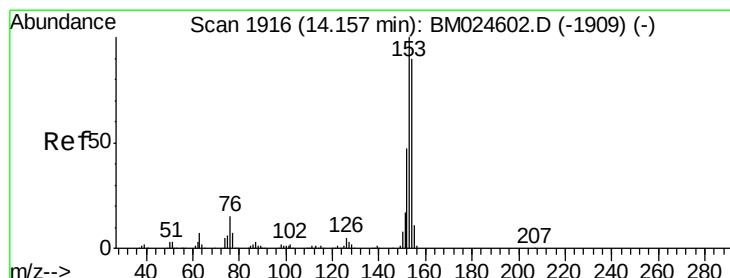
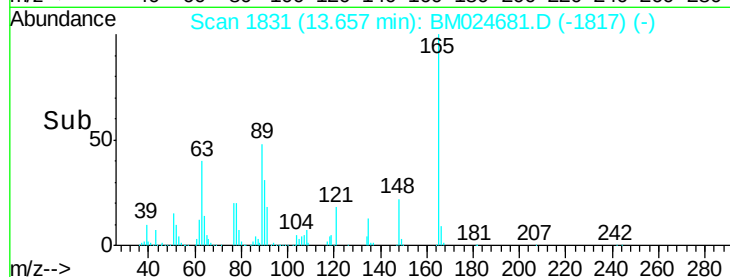
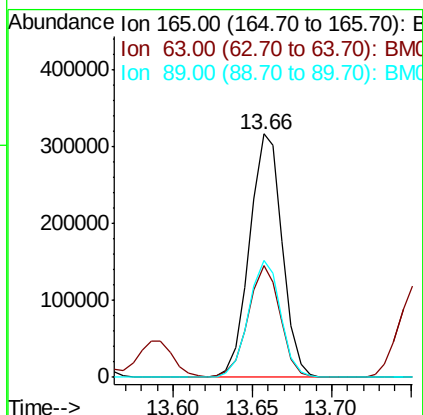
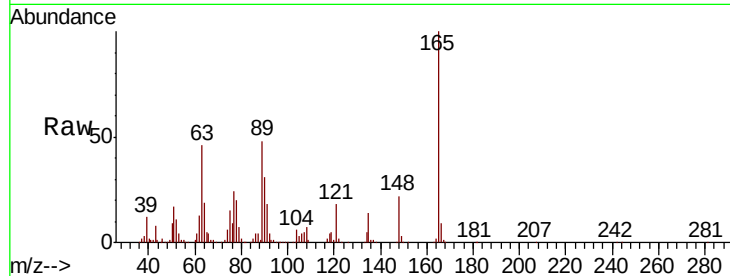




#51
 2,6-Dinitrotoluene
 Concen: 52.392 ng
 RT: 13.66 min Scan# 1831
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

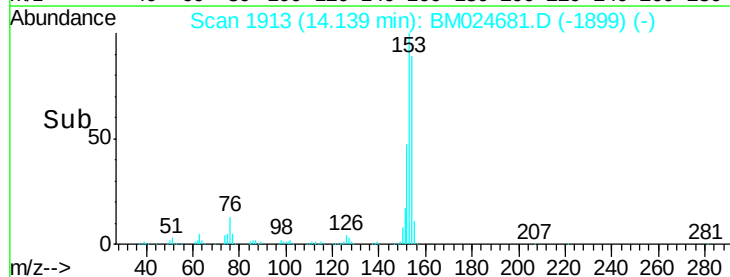
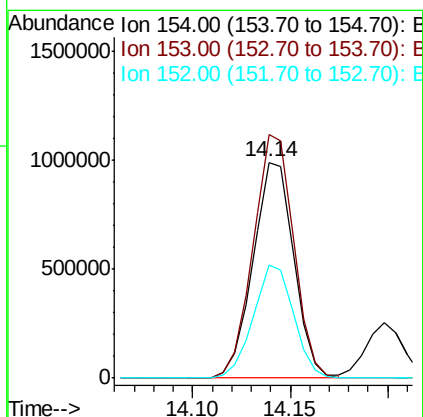
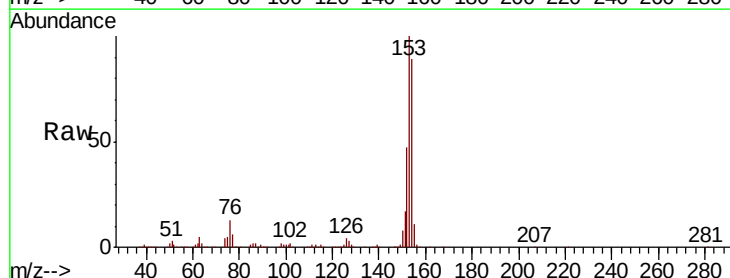
Instrument :
 BNA_M
 ClientSampleId :

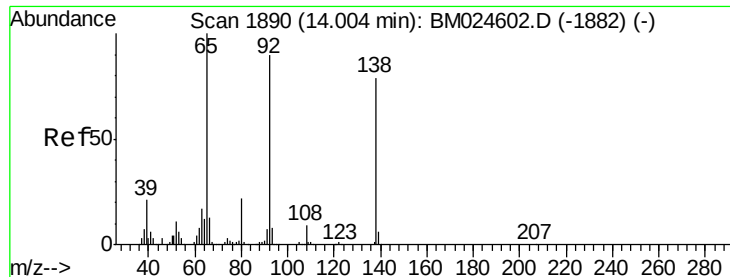
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.7	45.4	68.0
89	48.0	46.6	69.8



#52
 Acenaphthene
 Concen: 50.358 ng
 RT: 14.14 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.1	133.7
152	52.6	41.9	62.9





#53

3-Nitroaniline

Concen: 21.402 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

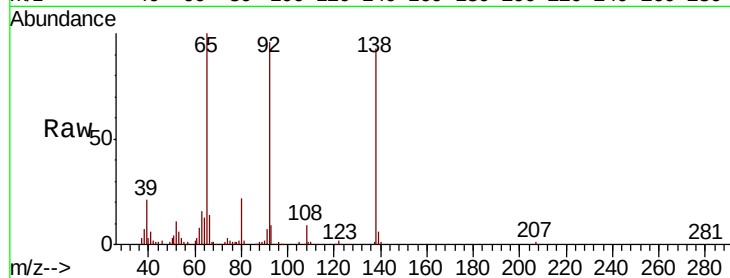
Tot Ion:138 Resp: 191772

Ion Ratio Lower Upper

138 100

108 9.3 8.7 13.1

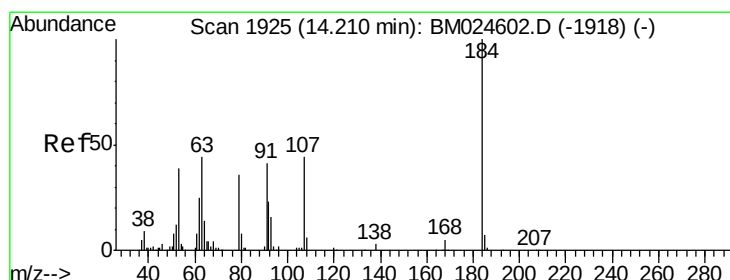
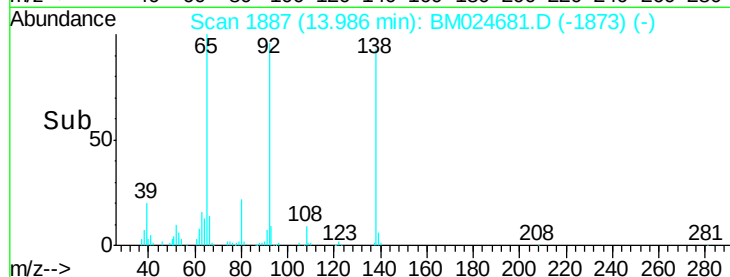
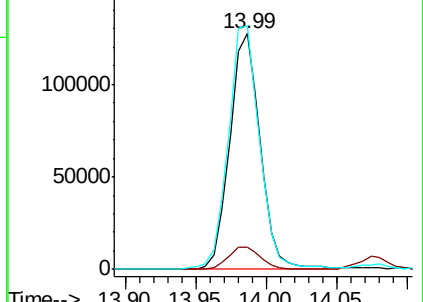
92 103.4 91.0 136.4



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: 117.700 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

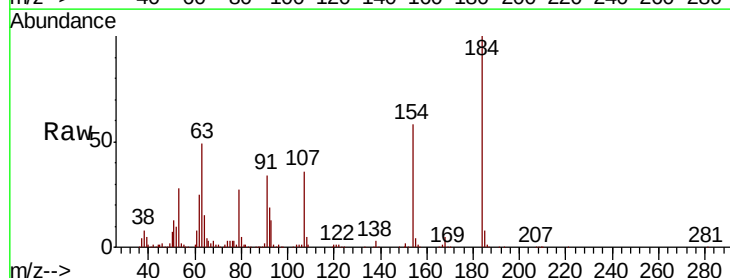
Tgt Ion:184 Resp: 608068

Ion Ratio Lower Upper

184 100

63 48.7 51.8 77.8#

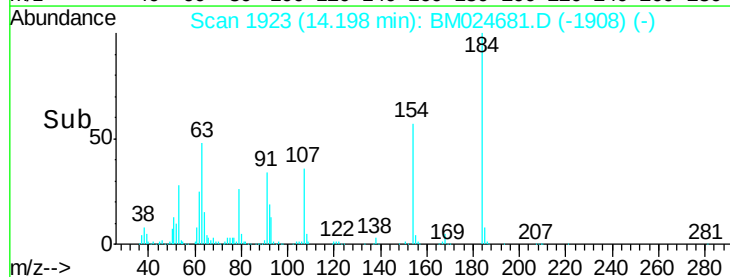
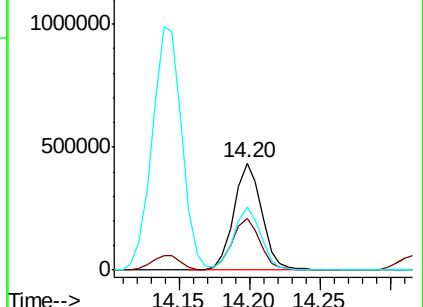
154 58.3 50.2 75.4

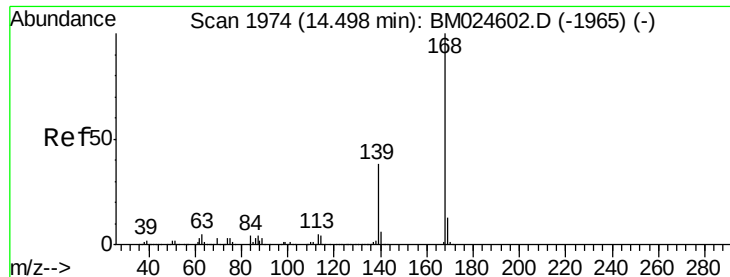


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

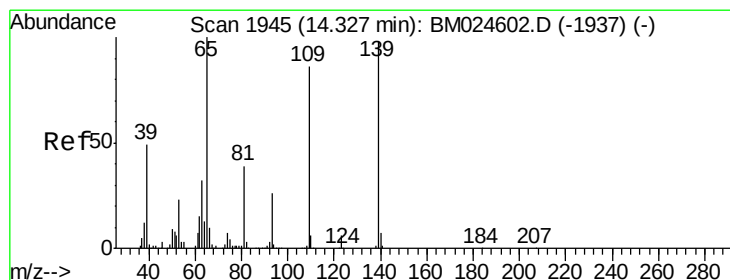
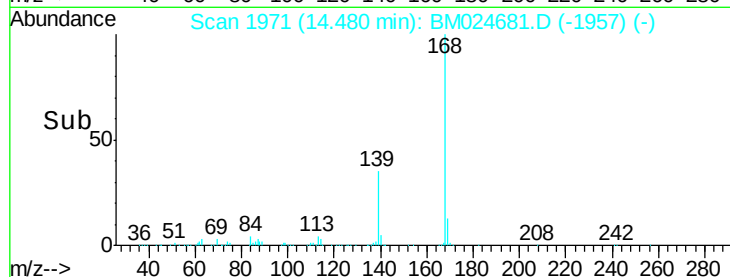
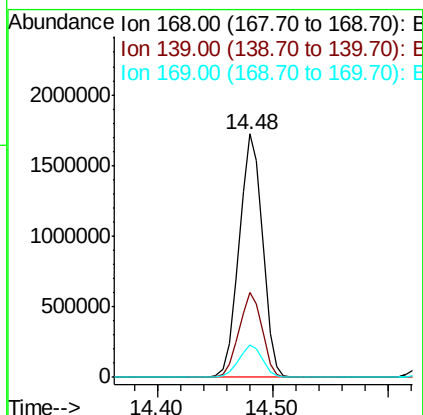
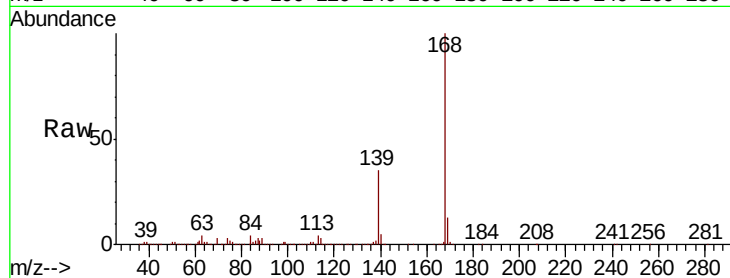




#55
Dibenzofuran
Concen: 52.010 ng
RT: 14.48 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

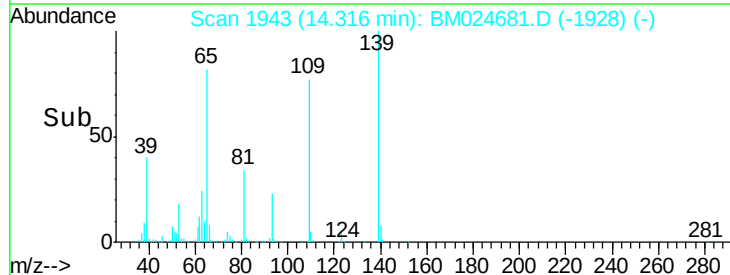
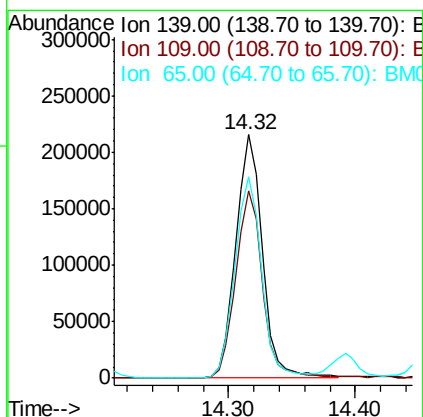
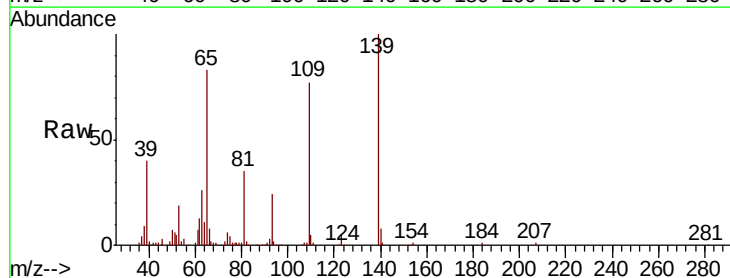
Instrument :
BNA_M
ClientSampleId :

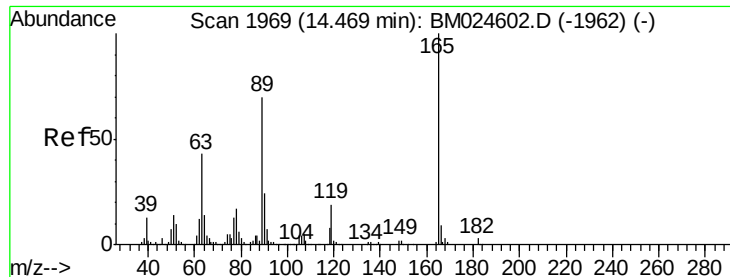
Tot Ion:168 Resp: 2419095
Ion Ratio Lower Upper
168 100
139 35.1 30.2 45.4
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 44.828 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion:139 Resp: 313990
Ion Ratio Lower Upper
139 100
109 77.2 67.4 107.4
65 82.8 82.1 122.1

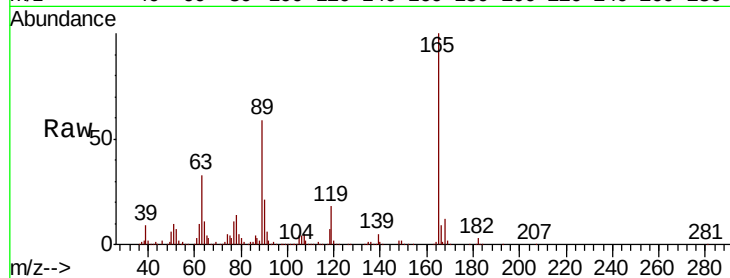




#57
 2,4-Dinitrotoluene
 Concen: 51.822 ng
 RT: 14.46 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	165	Resp	641640
Ion	Ratio	Lower	Upper
165	100		
63	33.4	34.5	51.7#
89	58.6	55.8	83.8
182	3.3	2.3	3.5

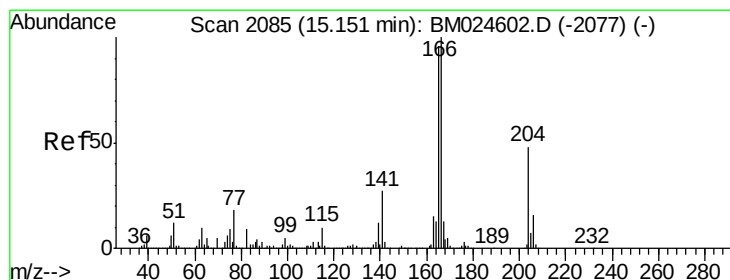
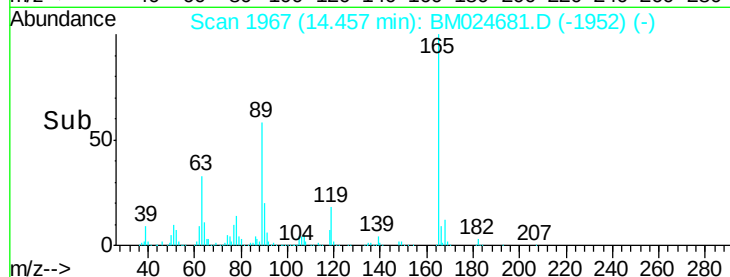
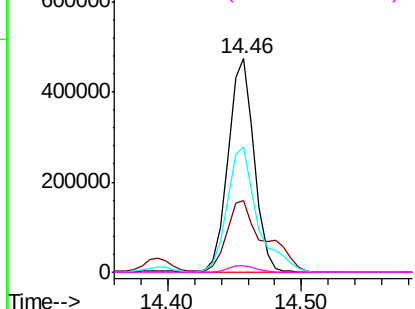


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

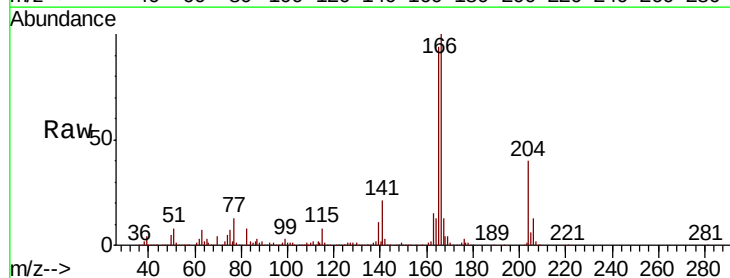
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 50.103 ng
 RT: 15.13 min Scan# 2082
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

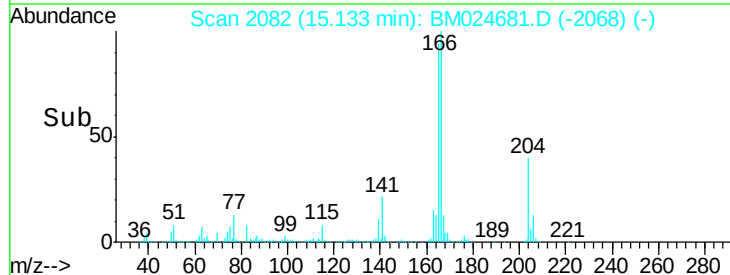
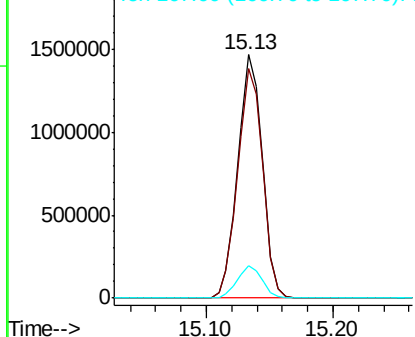
Tgt Ion	166	Resp	1958403
Ion	Ratio	Lower	Upper
166	100		
165	94.3	76.6	114.8
167	13.4	10.8	16.2

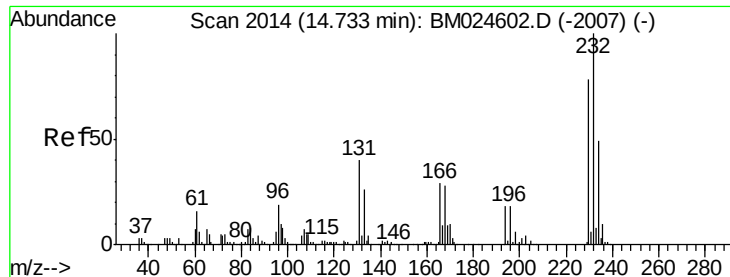


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

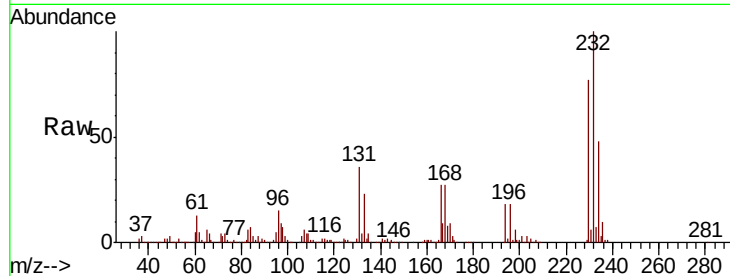




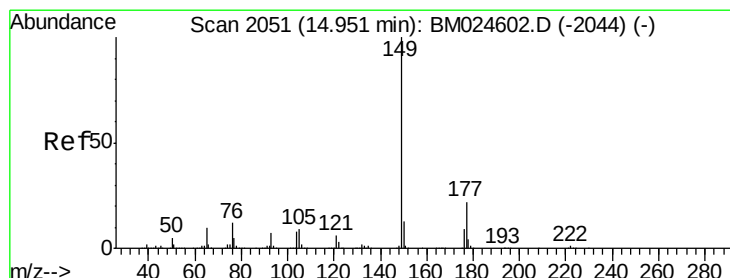
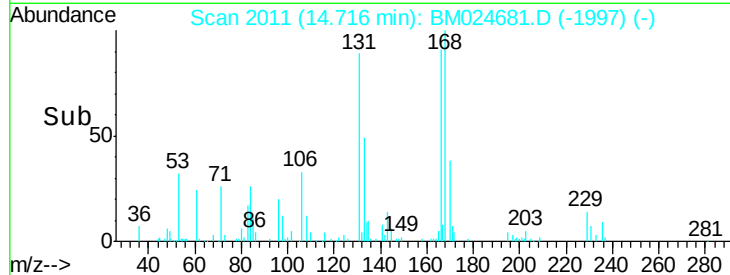
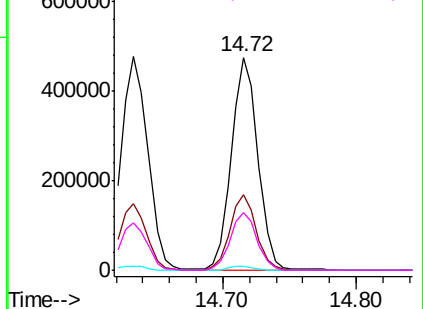
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.166 ng
 RT: 14.72 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232	Resp:	652075
Ion	Ratio	Lower Upper
232	100	
131	35.4	32.2 48.4
130	2.0	1.9 2.9
166	27.3	23.4 35.0

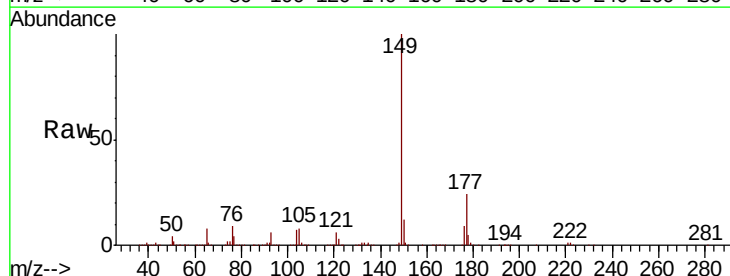


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

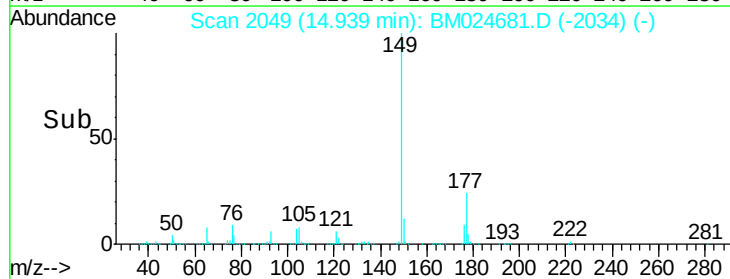
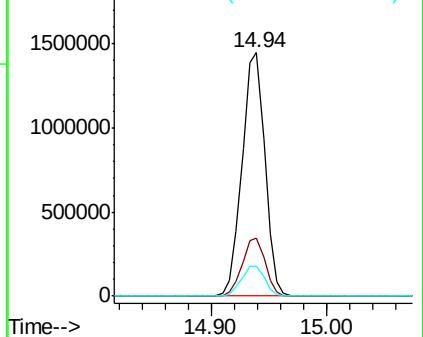


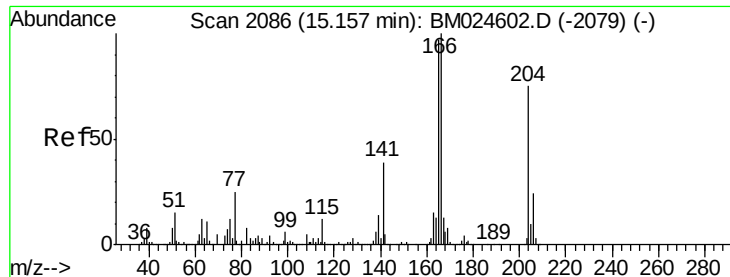
#60
 Diethylphthalate
 Concen: 48.077 ng
 RT: 14.94 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion:149	Resp:	1983337
Ion	Ratio	Lower Upper
149	100	
177	24.1	18.0 27.0
150	12.5	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

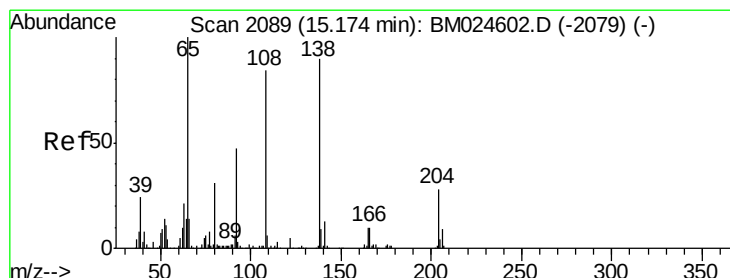
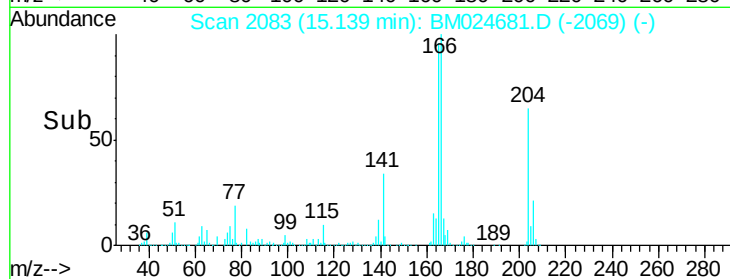
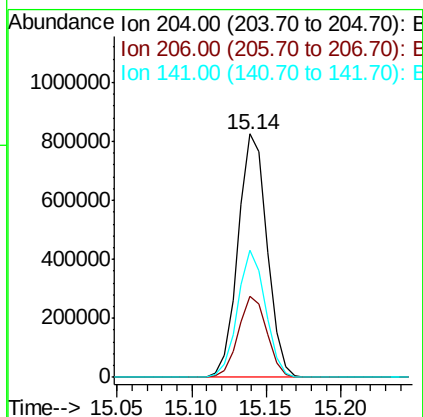
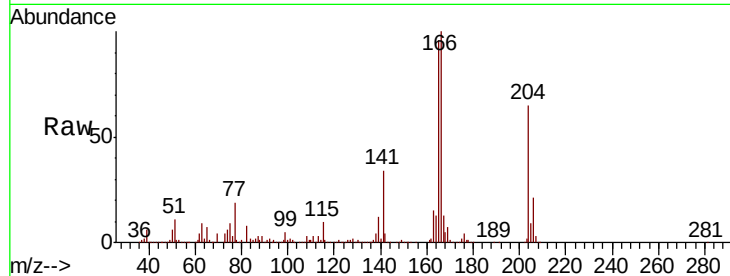




#61
4-Chlorophenyl-phenylether
Concen: 49.371 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

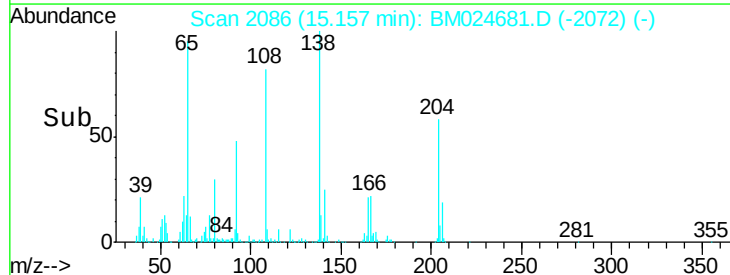
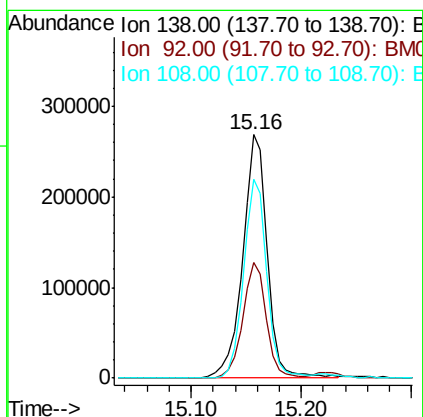
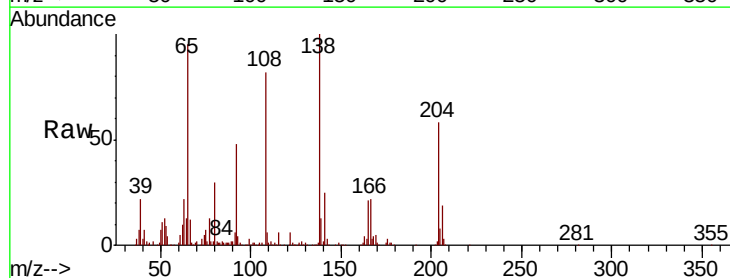
Instrument :
BNA_M
ClientSampleId :

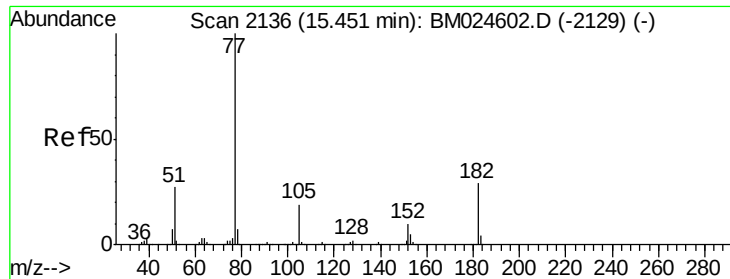
Tot Ion:204 Resp: 1112570
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 52.0 42.2 63.2



#62
4-Nitroaniline
Concen: 42.439 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion:138 Resp: 419748
Ion Ratio Lower Upper
138 100
92 47.7 32.4 72.4
108 81.8 73.3 113.3





#63

Azobenzene

Concen: 42.885 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

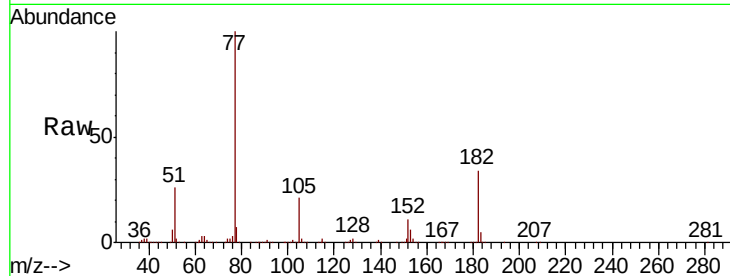
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1509068

Ion	Ratio	Lower	Upper
77	100		
182	34.2	8.7	48.7
105	21.1	0.0	39.2
51	25.6	7.5	47.5

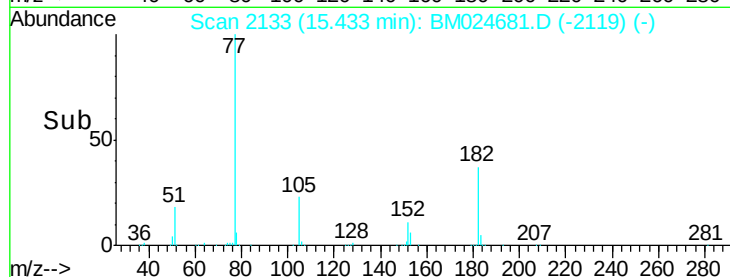


Abundance Ion 77.00 (76.70 to 77.70): BM0

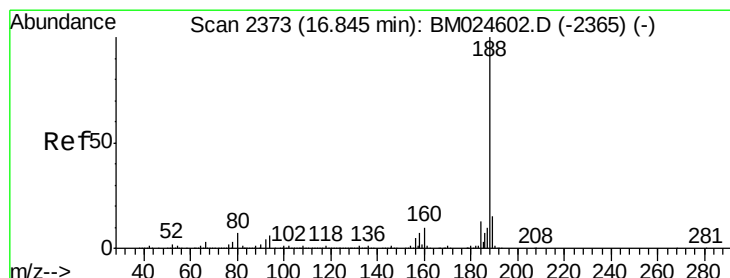
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

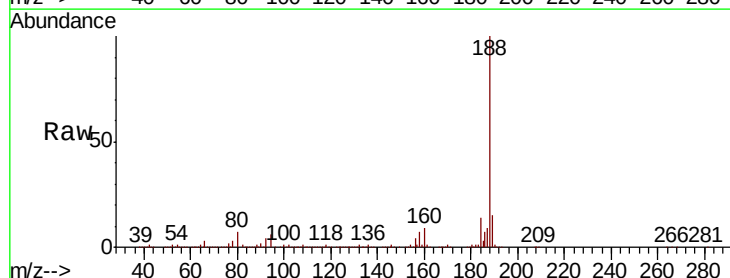
Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion: 188 Resp: 1167687

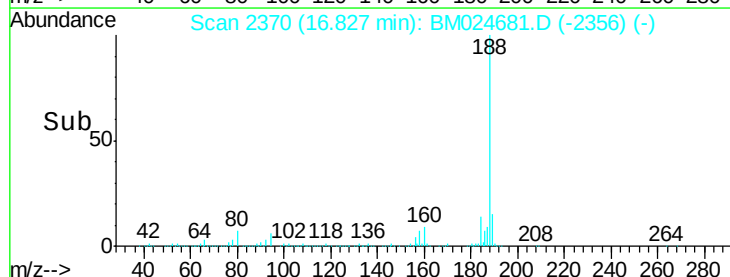
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.6
80	6.7	5.8	8.8



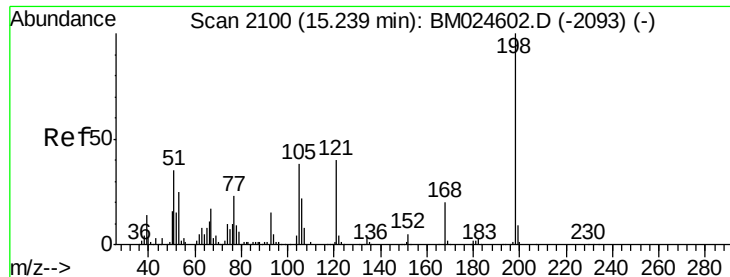
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



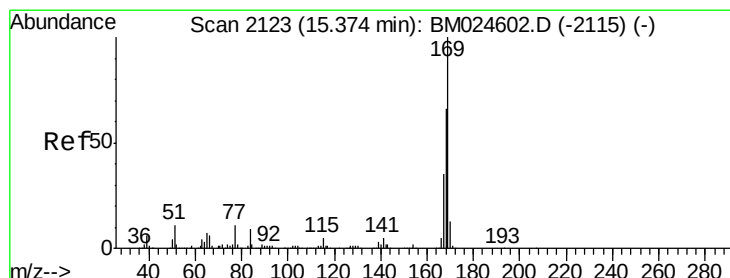
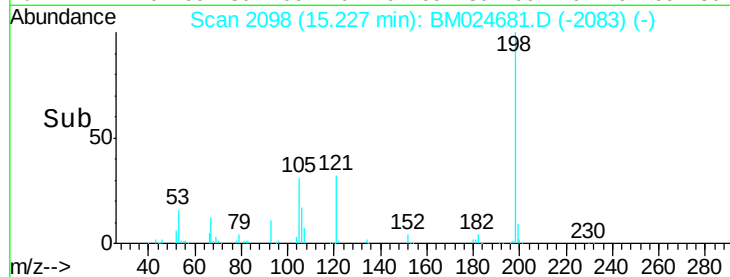
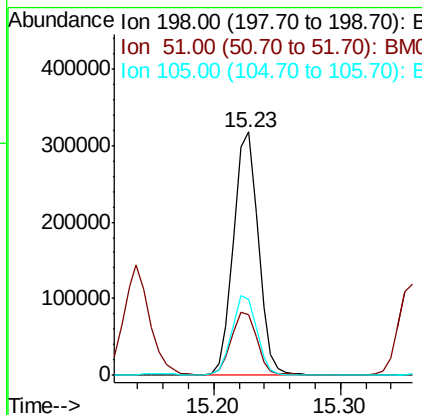
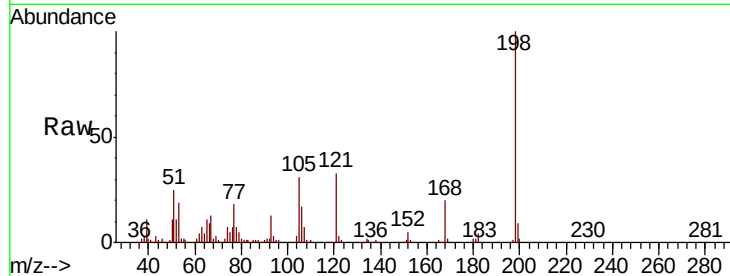
Time-->



#65
 4,6-Dinitro-2-methylphenol
 Concen: 62.820 ng
 RT: 15.23 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

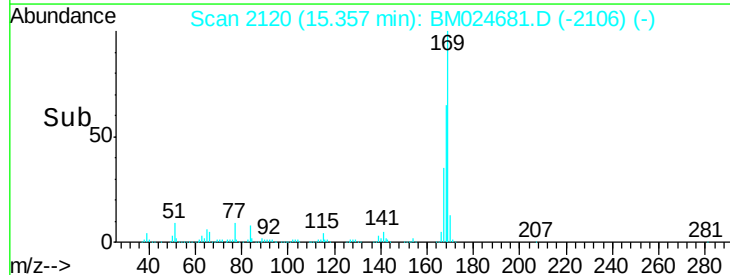
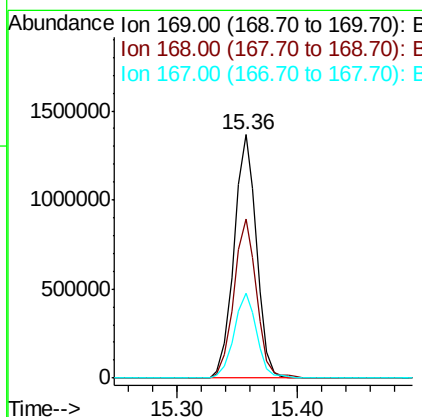
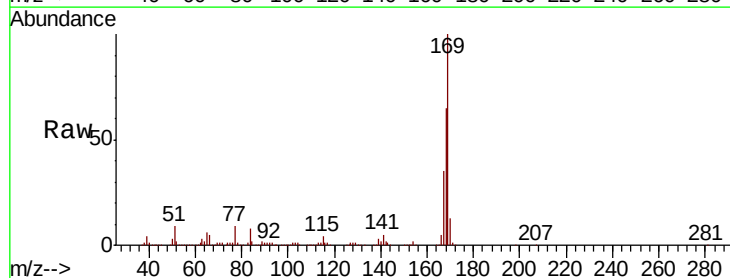
Instrument :
 BNA_M
 ClientSampleId :

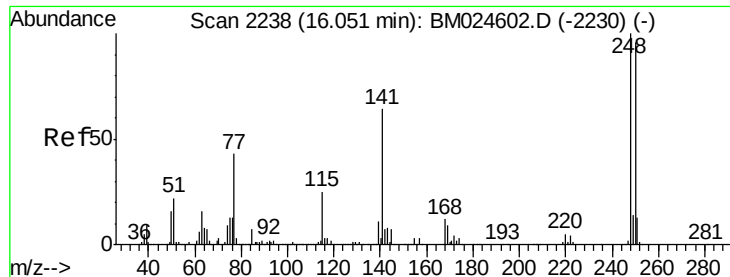
Tot Ion:198 Resp: 431304
 Ion Ratio Lower Upper
 198 100
 51 24.9 15.8 55.8
 105 31.3 18.5 58.5



#66
 n-Nitrosodiphenylamine
 Concen: 52.804 ng
 RT: 15.36 min Scan# 2120
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion:169 Resp: 1771134
 Ion Ratio Lower Upper
 169 100
 168 65.3 52.8 79.2
 167 34.7 28.2 42.2

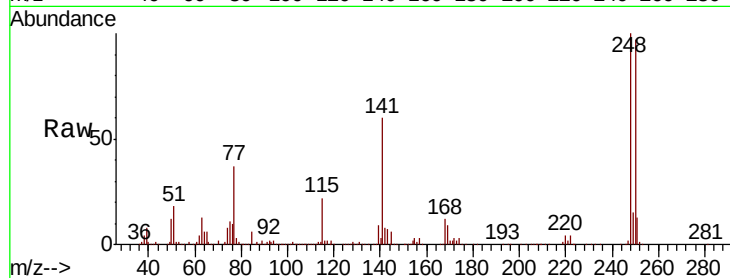




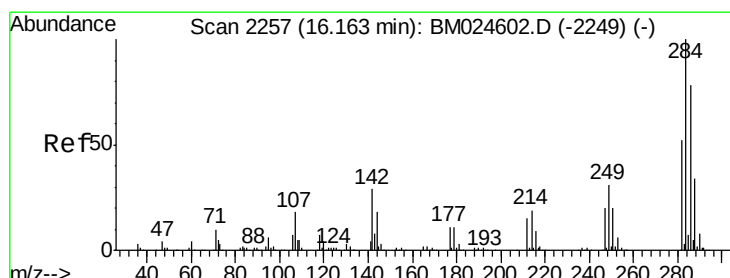
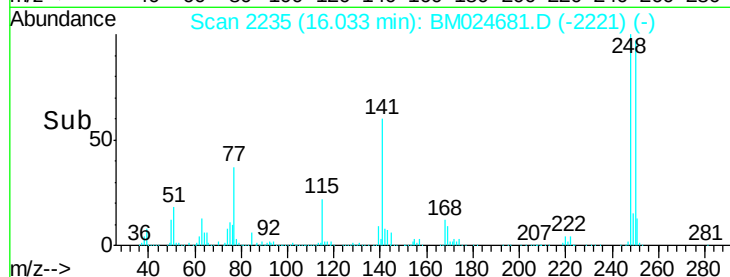
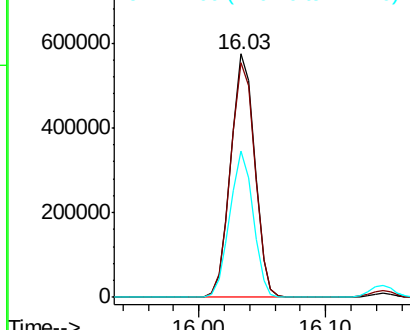
#67
 4-Bromophenyl-phenylether
 Concen: 51.446 ng
 RT: 16.03 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 747053
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.0 115.6
 141 59.9 50.9 76.3

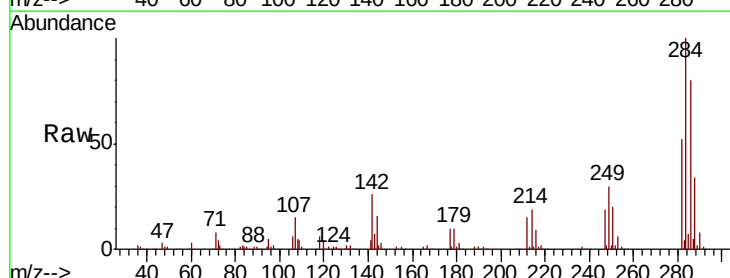


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

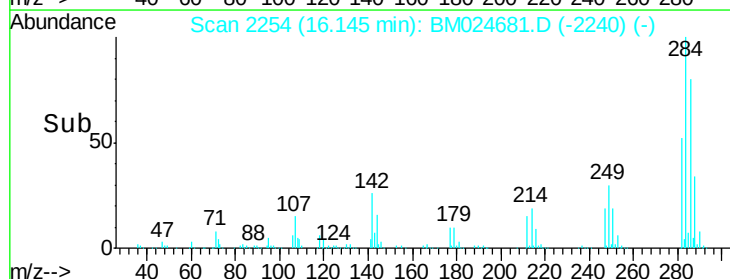
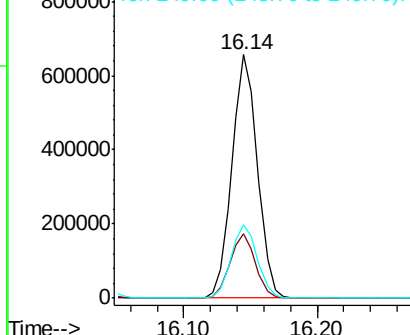


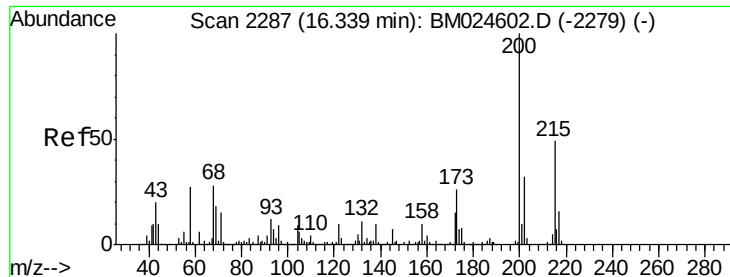
#68
 Hexachlorobenzene
 Concen: 52.557 ng
 RT: 16.14 min Scan# 2254
 Delta R.T. -0.02 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion:284 Resp: 875793
 Ion Ratio Lower Upper
 284 100
 142 26.4 23.5 35.3
 249 30.3 24.6 36.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 56.969 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

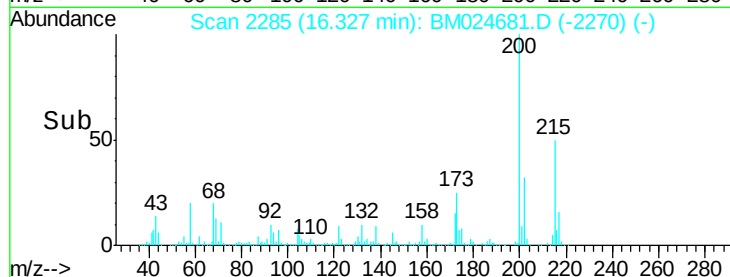
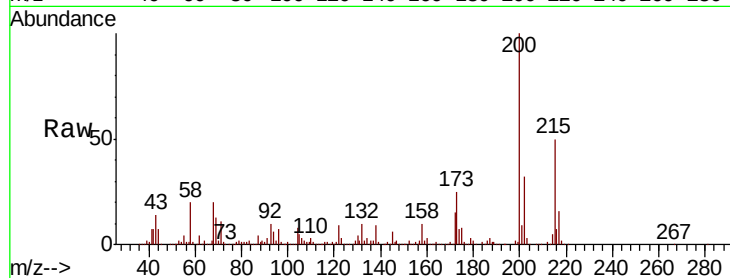
Tot Ion:200 Resp: 733473

Ion Ratio Lower Upper

200 100

173 24.8 5.5 45.5

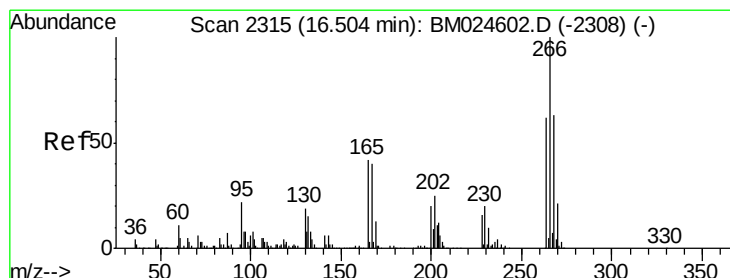
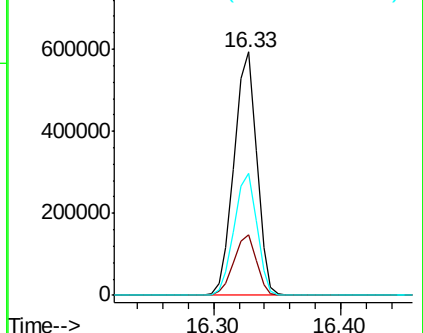
215 49.9 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 113.793 ng

RT: 16.49 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

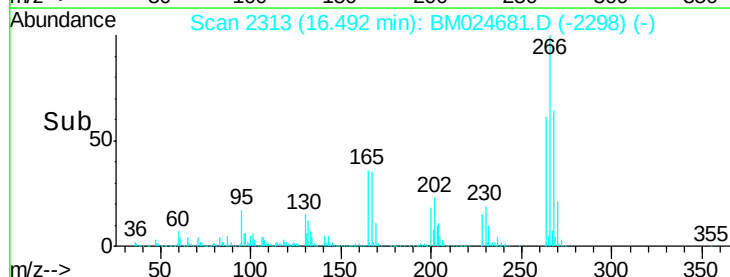
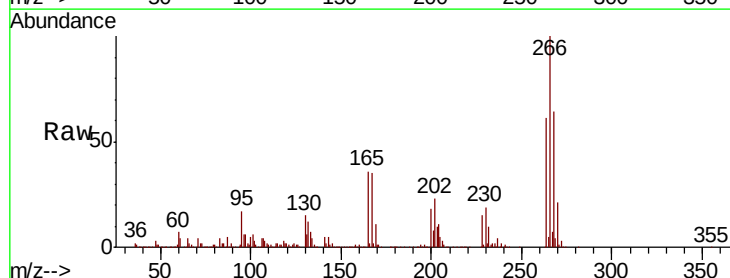
Tgt Ion:266 Resp: 1155021

Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

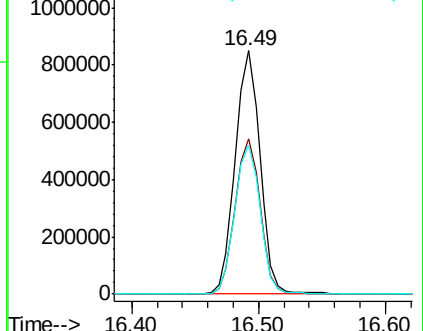
264 61.2 49.9 74.9

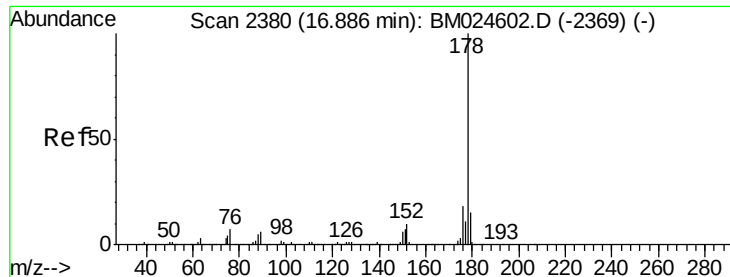


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

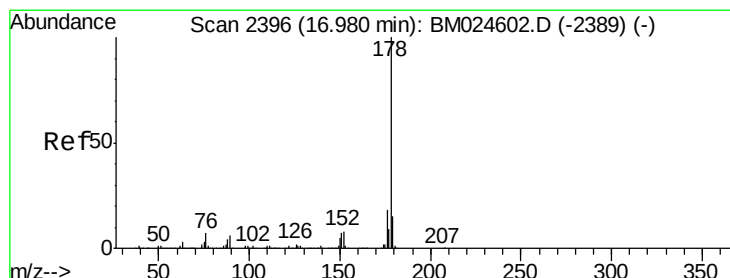
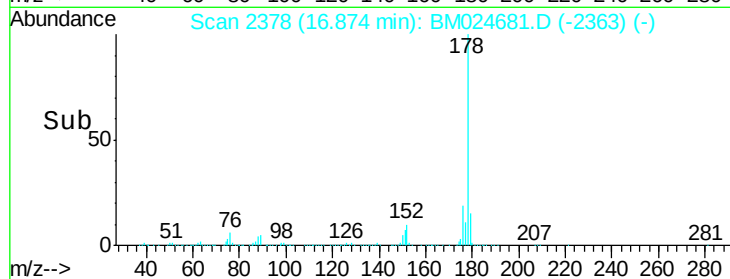
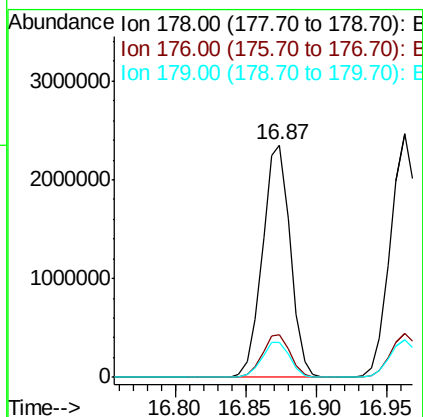
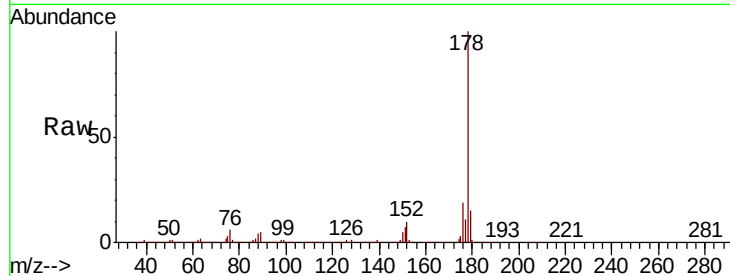




#71
Phenanthrene
Concen: 51.773 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

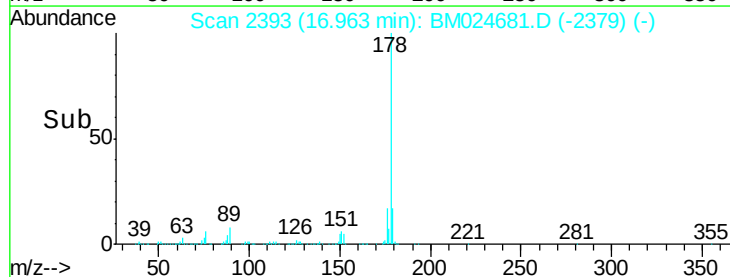
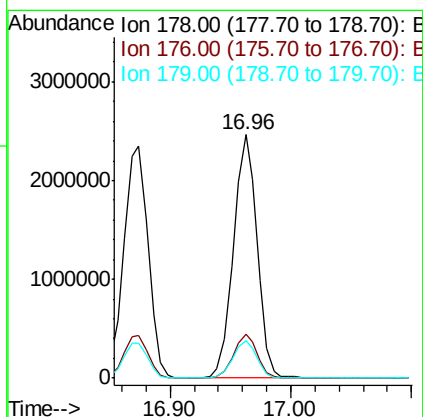
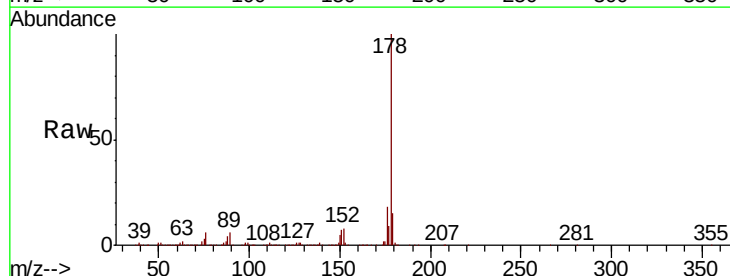
Instrument :
BNA_M
ClientSampleId :

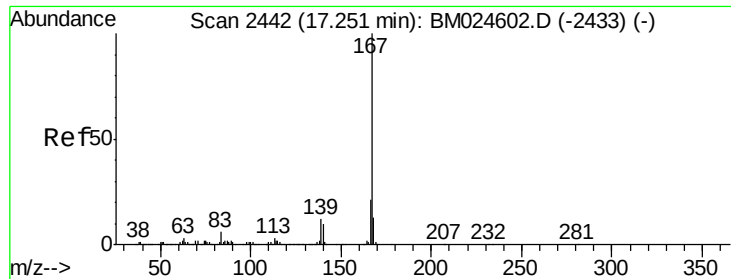
Tot Ion:178 Resp: 3273691
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.3 11.9 17.9



#72
Anthracene
Concen: 54.087 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024681.D
Acq: 31 Jan 2020 18:35

Tgt Ion:178 Resp: 3346412
Ion Ratio Lower Upper
178 100
176 17.9 14.3 21.5
179 15.4 12.1 18.1

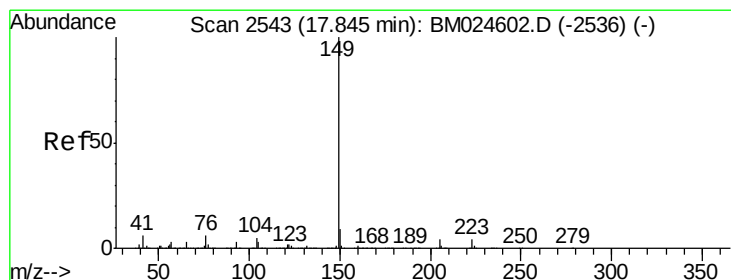
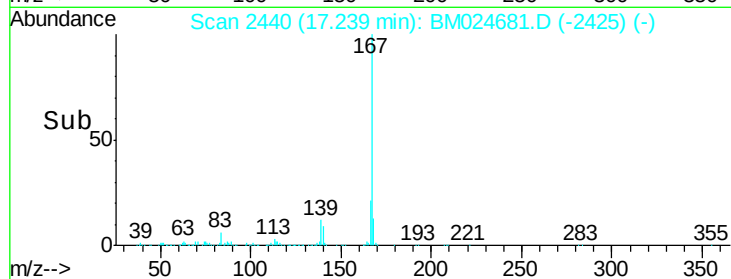
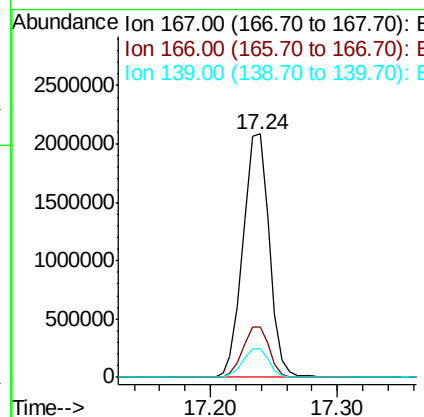
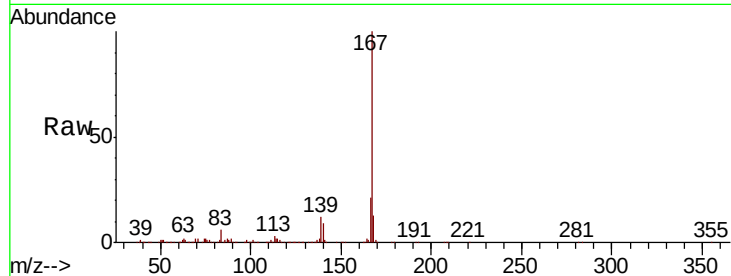




#73
 Carbazole
 Concen: 53.207 ng
 RT: 17.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

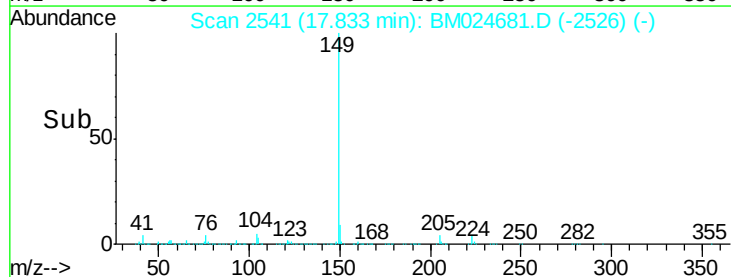
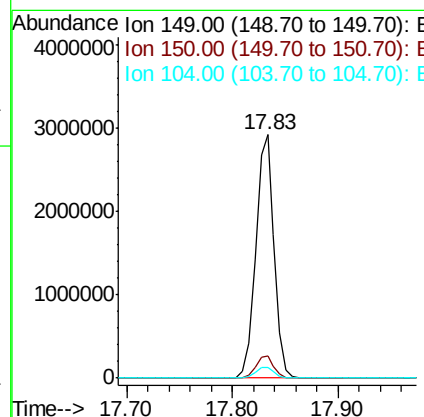
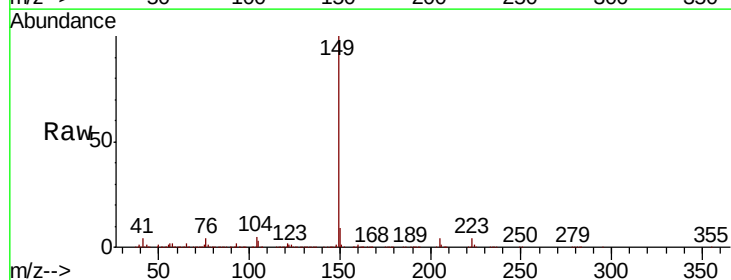
Instrument :
 BNA_M
 ClientSampled :

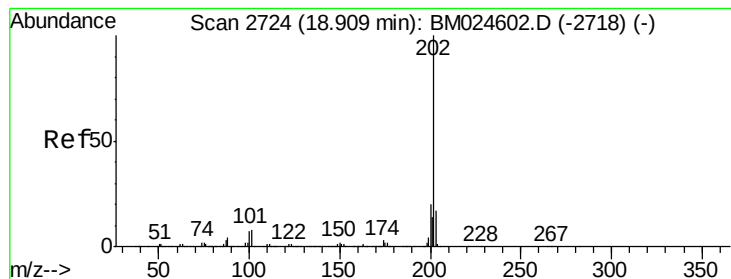
Tot Ion:167 Resp: 2996832
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.1 25.7
 139 11.6 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 48.563 ng
 RT: 17.83 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BM024681.D
 Acq: 31 Jan 2020 18:35

Tgt Ion:149 Resp: 3496774
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.6 4.3 6.5





#75

Fluoranthene

Concen: 53.558 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

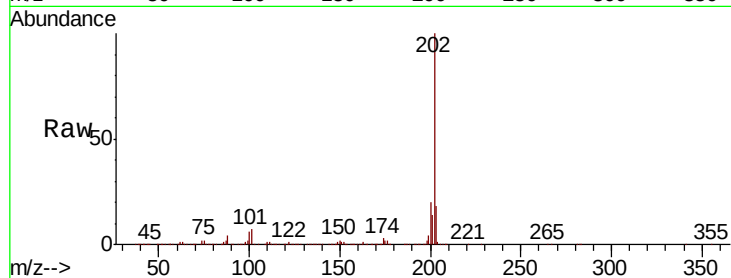
Tot Ion:202 Resp: 4226849

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.4

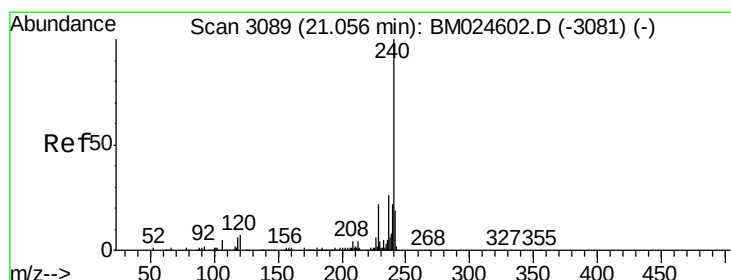
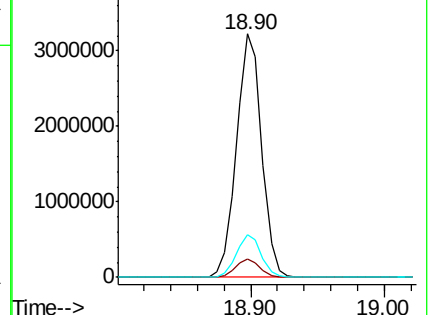
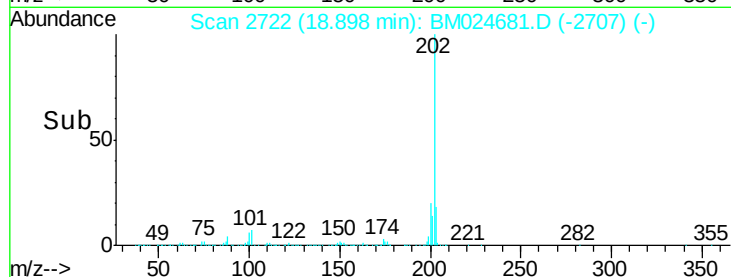
203 17.5 0.0 37.5



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: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

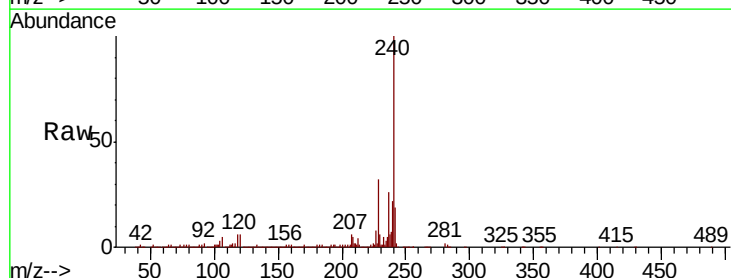
Tgt Ion:240 Resp: 1242395

Ion Ratio Lower Upper

240 100

120 6.4 5.3 7.9

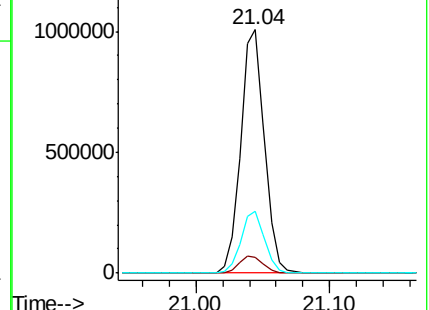
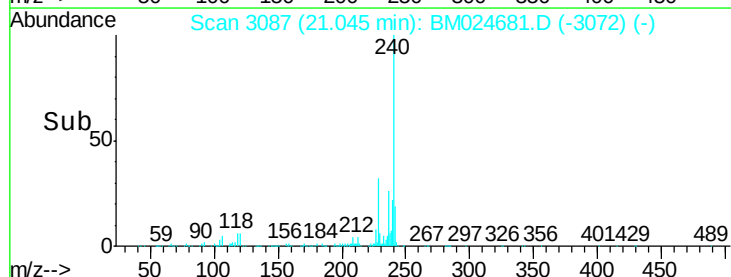
236 25.6 20.6 31.0

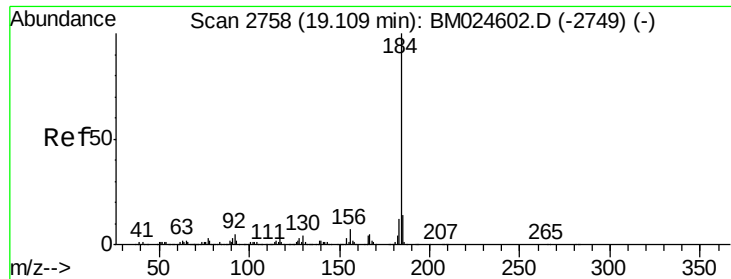


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.632 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

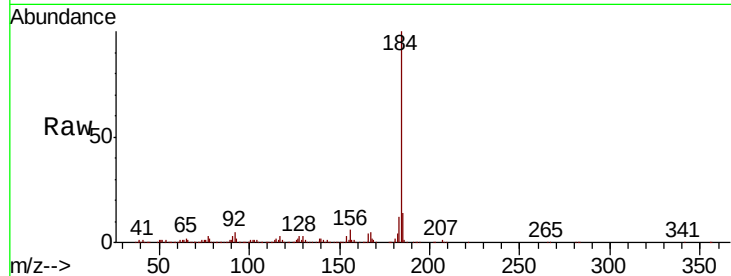
Tot Ion:184 Resp: 1349236

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.3	16.9
183	11.5	9.6	14.4

184 100

185 13.7 11.3 16.9

183 11.5 9.6 14.4

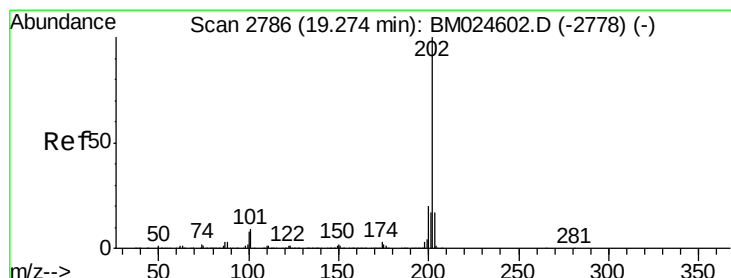
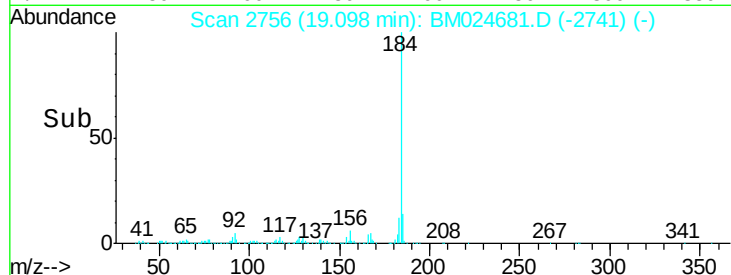
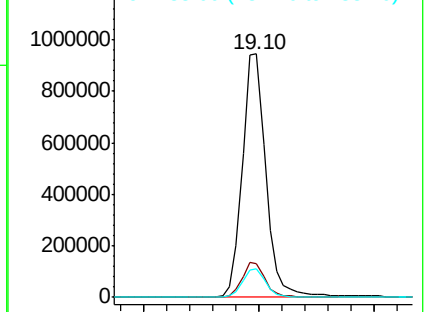


Abundance

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: 52.741 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

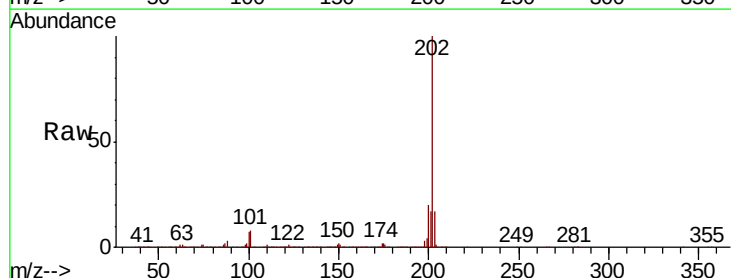
Tgt Ion:202 Resp: 4319670

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.3	14.0	21.0

202 100

200 20.2 16.2 24.2

203 17.3 14.0 21.0

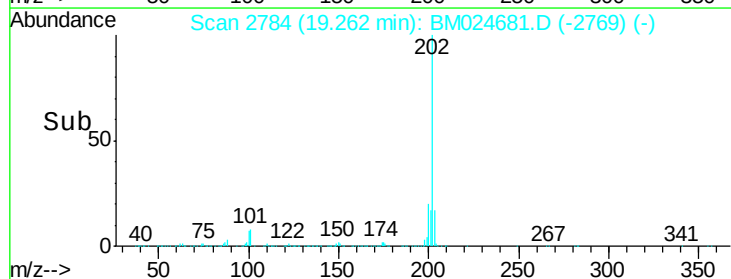
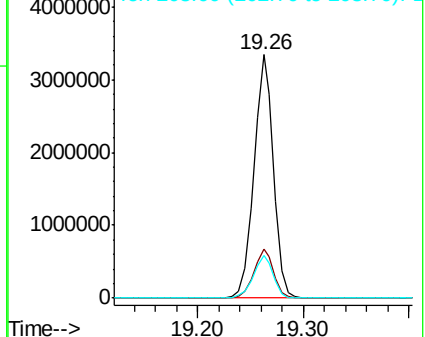


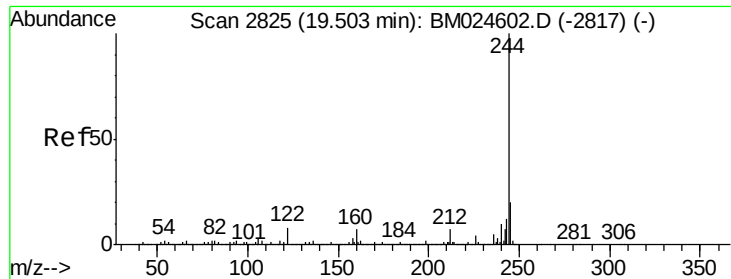
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 108.904 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

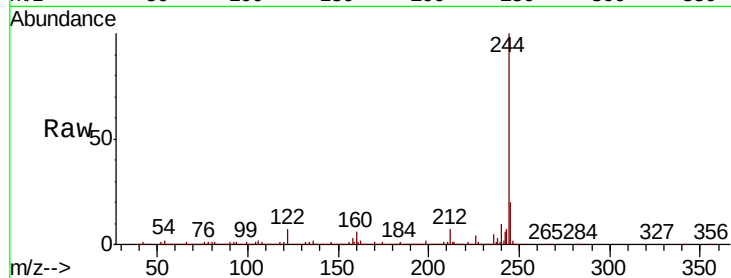
Tot Ion:244 Resp: 7247426

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

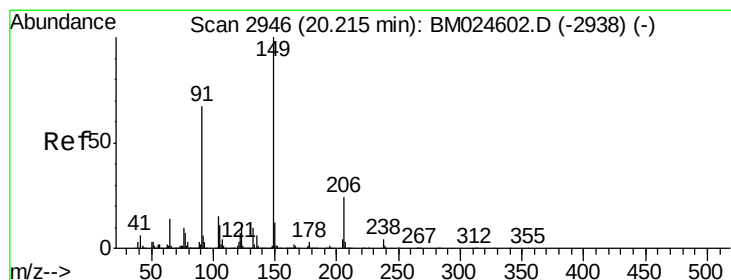
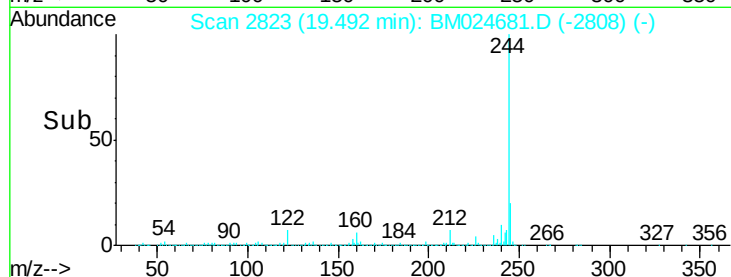
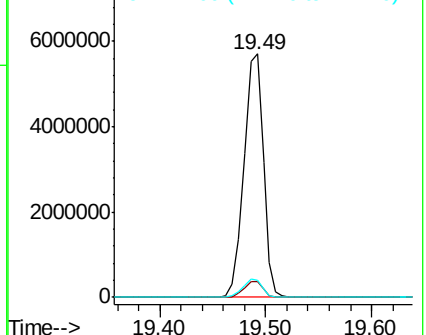
122 6.7 6.2 9.4



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: 47.902 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

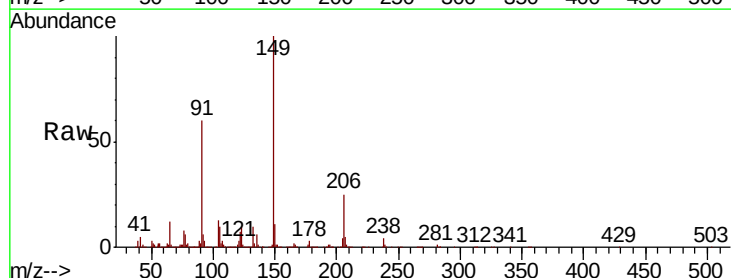
Tgt Ion:149 Resp: 1646296

Ion Ratio Lower Upper

149 100

91 60.3 53.9 80.9

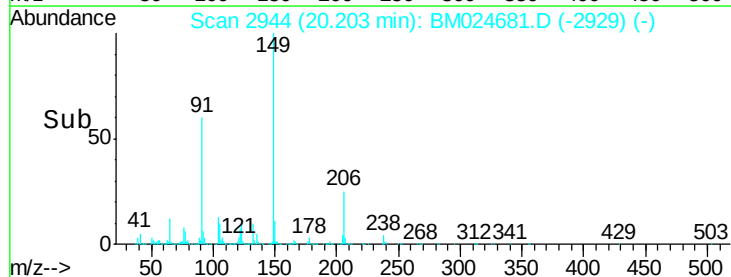
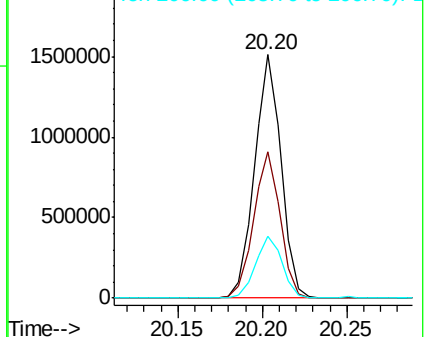
206 25.3 19.0 28.6

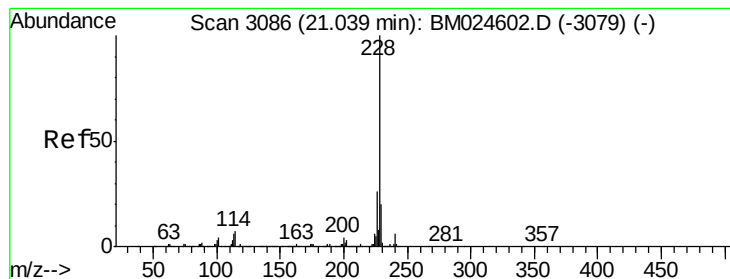


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.168 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampled :

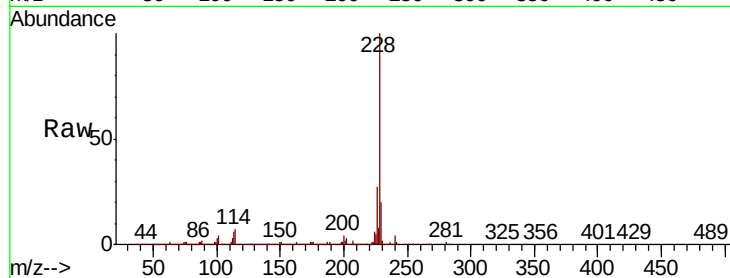
Tot Ion:228 Resp: 4412181

Ion Ratio Lower Upper

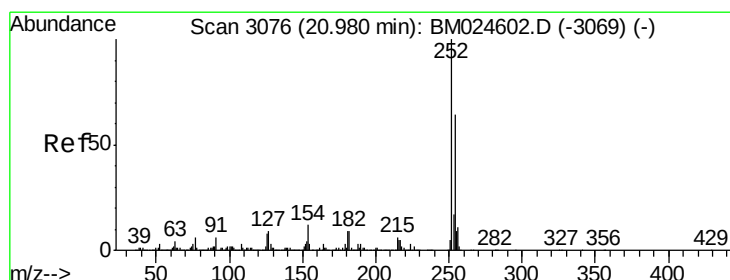
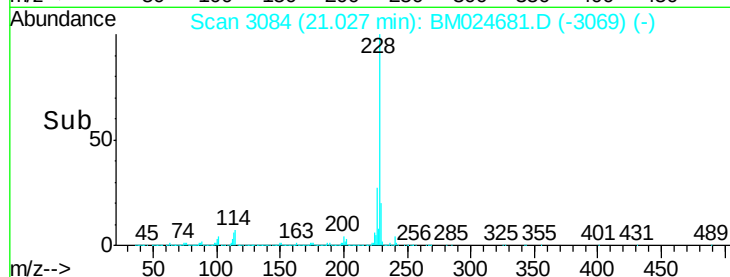
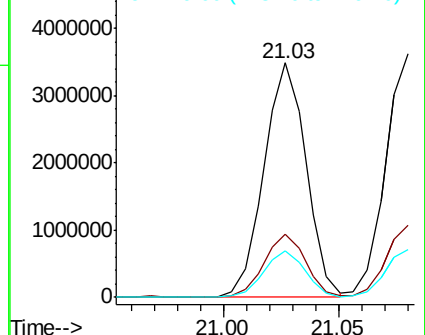
228 100

226 27.0 21.1 31.7

229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
5000000
Ion 226.00 (225.70 to 226.70): E
4000000
Ion 229.00 (228.70 to 229.70): E
3000000
2000000
1000000
0



#82

3,3'-Dichlorobenzidine

Concen: 43.007 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

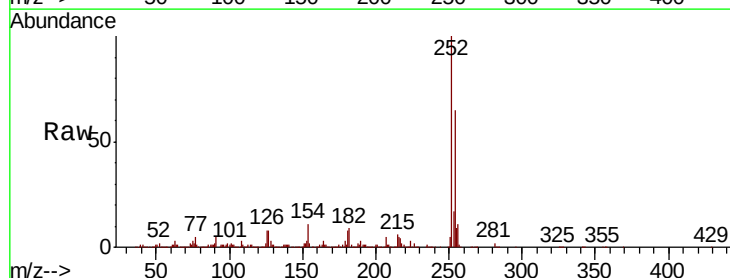
Tgt Ion:252 Resp: 1334017

Ion Ratio Lower Upper

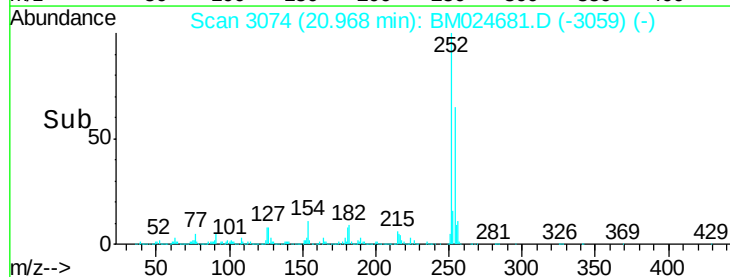
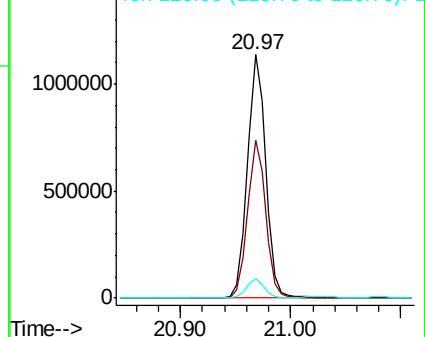
252 100

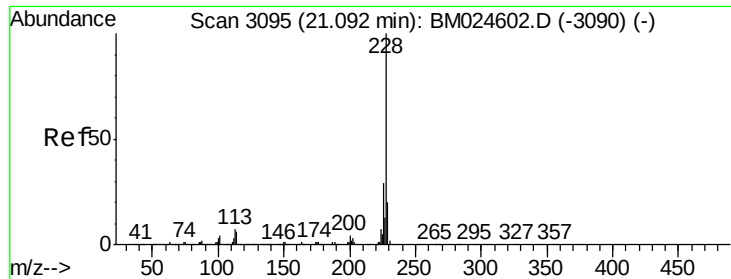
254 64.6 51.5 77.3

126 7.9 6.7 10.1



Abundance Ion 252.00 (251.70 to 252.70): E
1500000
Ion 254.00 (253.70 to 254.70): E
1000000
Ion 126.00 (125.70 to 126.70): E
500000
0





#83

Chrysene

Concen: 52.018 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

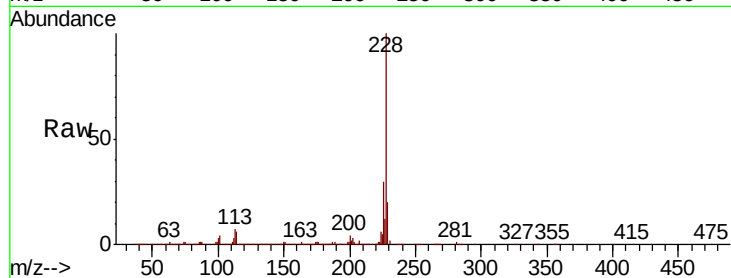
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 4280093

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	19.7	15.7	23.5

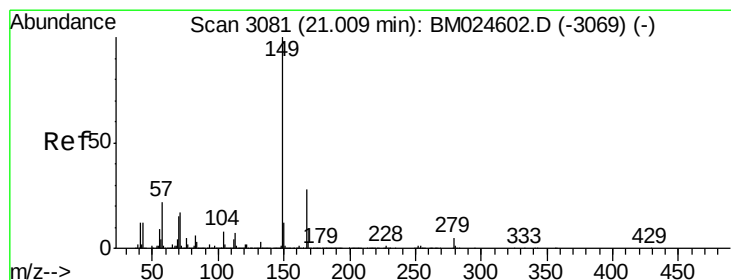
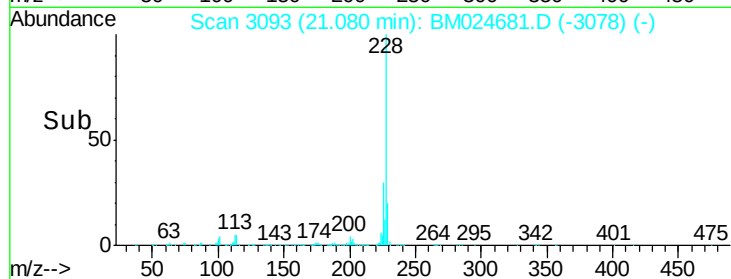
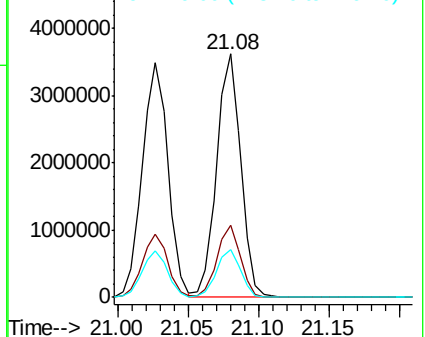


Abundance

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: 47.527 ng

RT: 21.00 min Scan# 3079

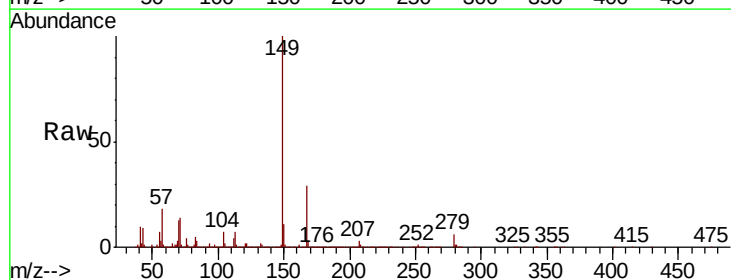
Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion:149 Resp: 2410111

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.5	33.7
279	5.7	4.0	6.0

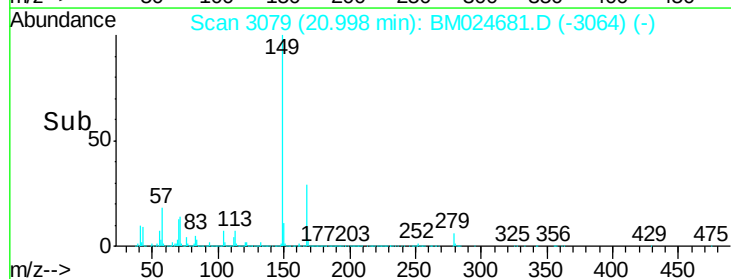
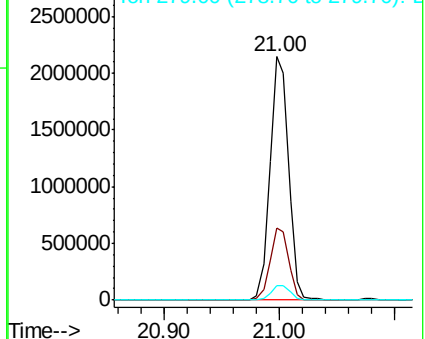


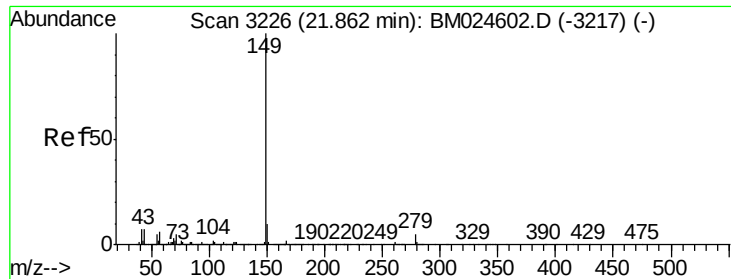
Abundance

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: 49.722 ng

RT: 21.85 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

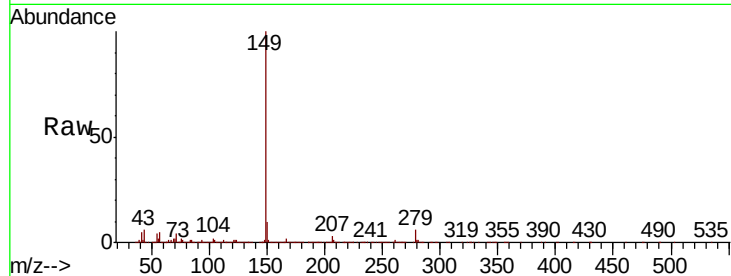
Tot Ion:149 Resp: 4165675

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

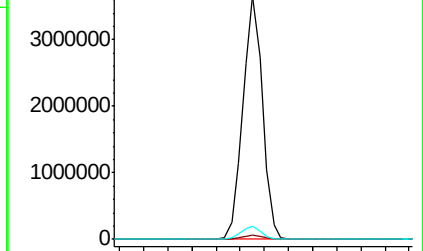
43 5.6 5.8 8.6#



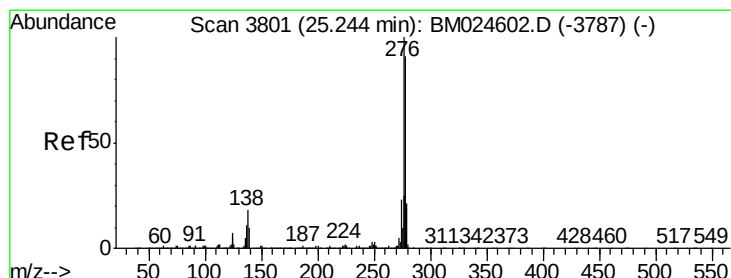
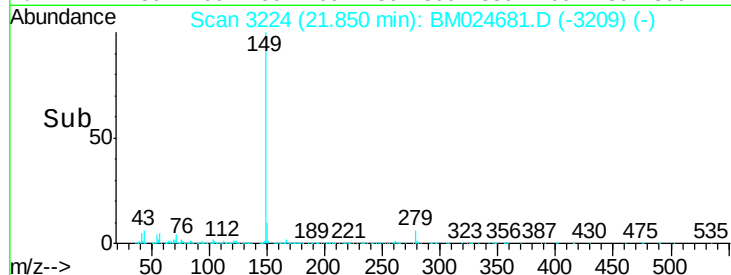
Abundance Ion 149.00 (148.70 to 149.70): E

5000000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.112 ng

RT: 25.22 min Scan# 3797

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

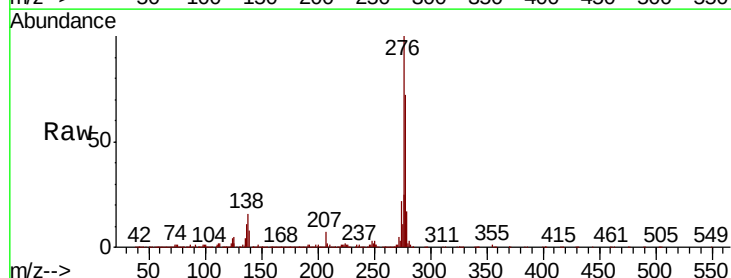
Tgt Ion:276 Resp: 5301163

Ion Ratio Lower Upper

276 100

138 16.2 13.4 20.0

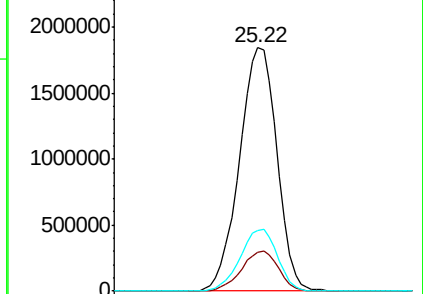
277 25.3 19.6 29.4



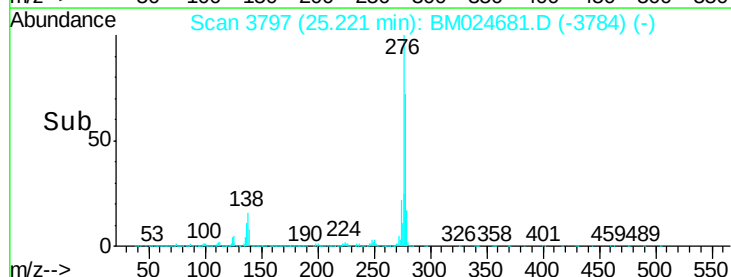
Abundance Ion 276.00 (275.70 to 276.70): E

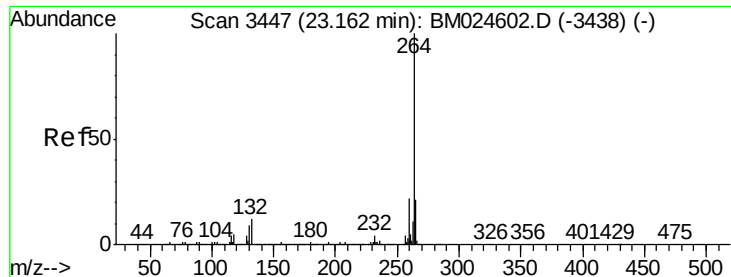
2500000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampled :

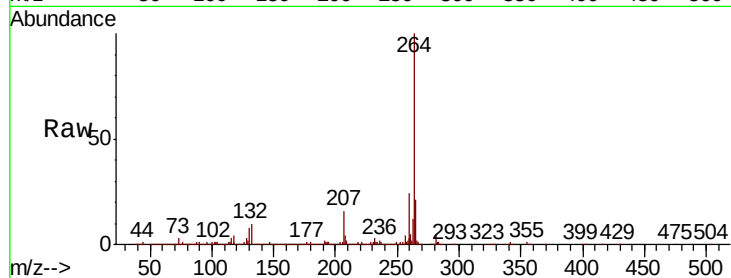
Tot Ion:264 Resp: 1418444

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

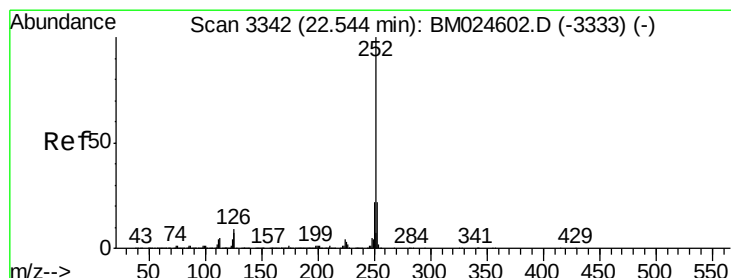
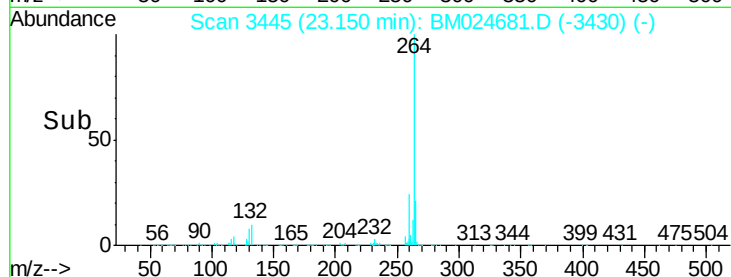
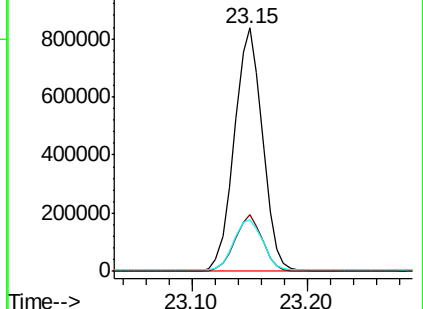
265 21.2 17.3 25.9



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: 52.264 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

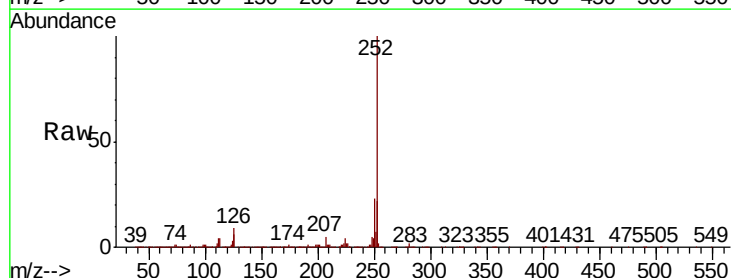
Tgt Ion:252 Resp: 4808119

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

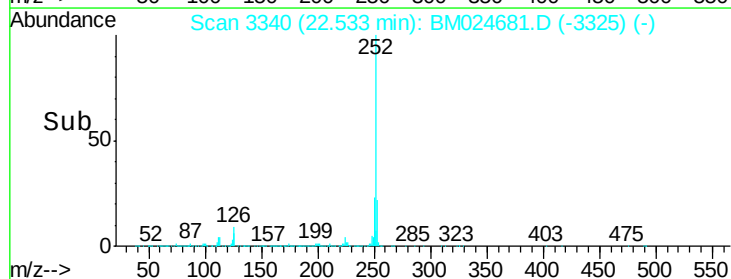
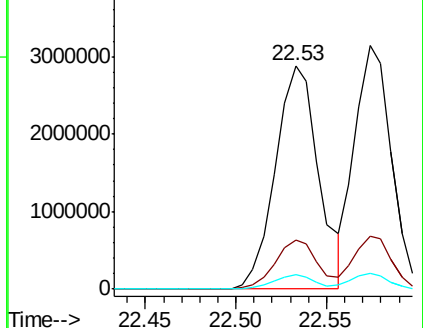
125 6.5 5.7 8.5

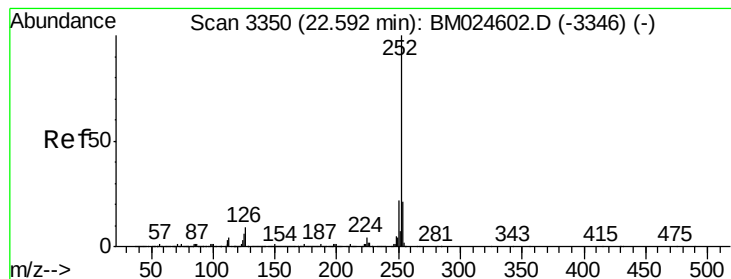


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.246 ng

RT: 22.57 min Scan# 3347

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Instrument :

BNA_M

ClientSampleId :

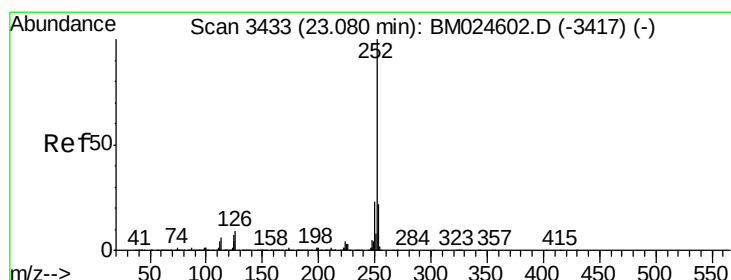
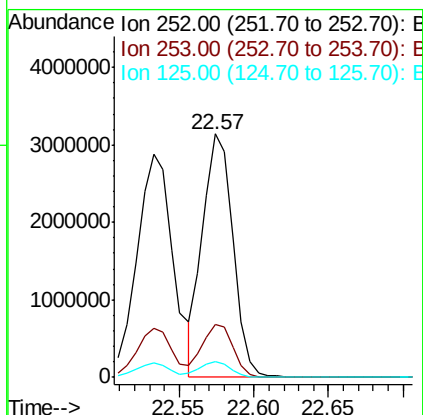
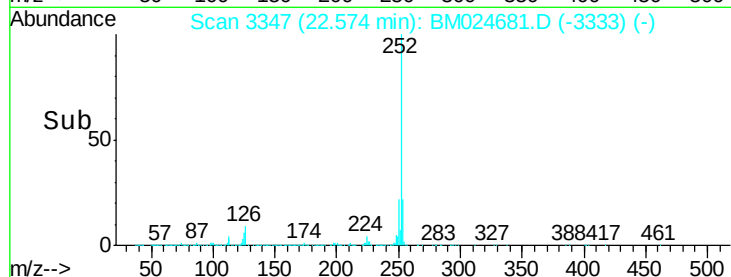
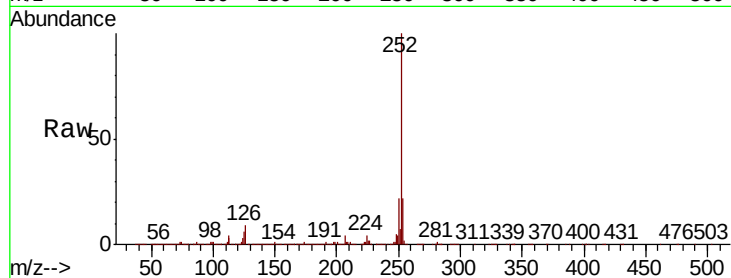
Tot Ion:252 Resp: 4422152

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 6.4 5.2 7.8



#90

Benzo(a)pyrene

Concen: 50.055 ng

RT: 23.06 min Scan# 3430

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

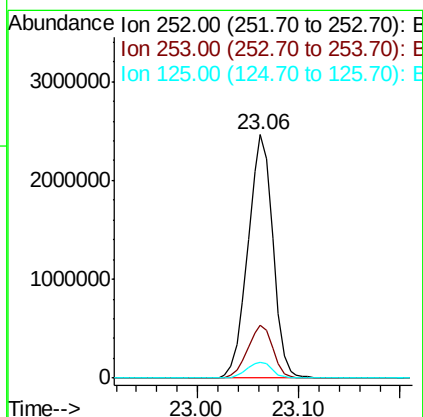
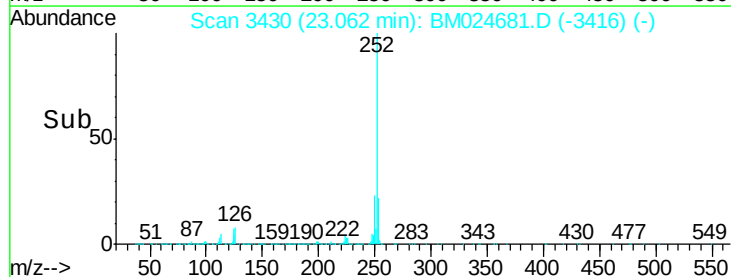
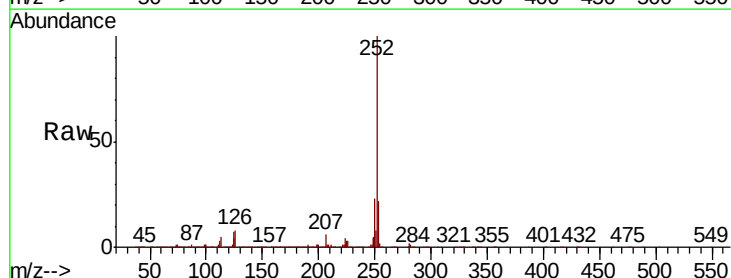
Tgt Ion:252 Resp: 4186691

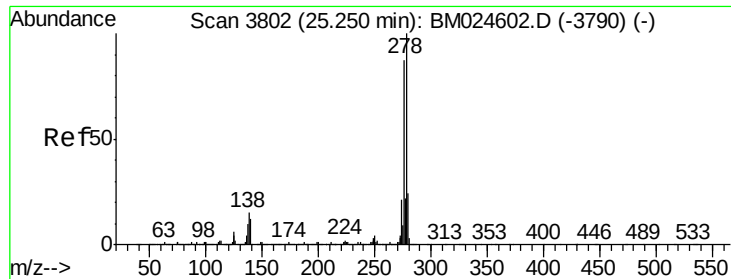
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 6.7 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 56.906 ng

RT: 25.23 min Scan# 3799

Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

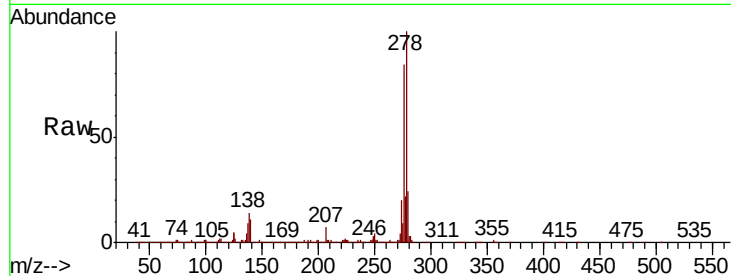
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 4517610

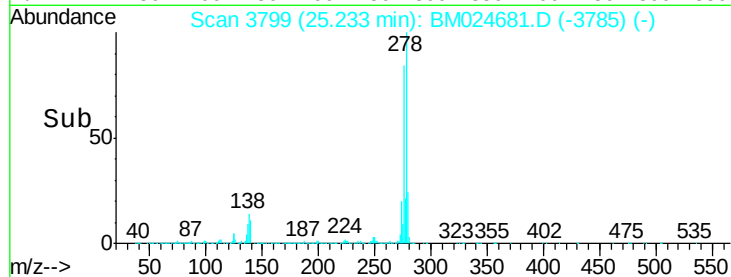
Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.3	13.9
279	24.1	18.9	28.3



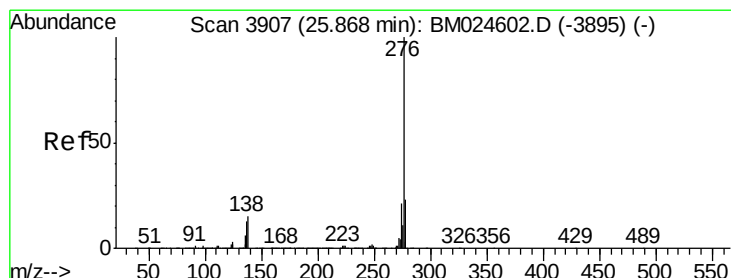
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 61.987 ng

RT: 25.85 min Scan# 3904

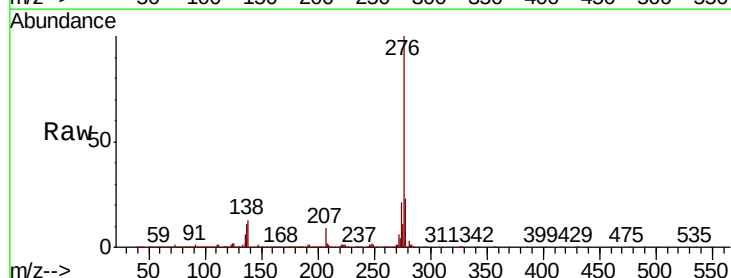
Delta R.T. -0.02 min

Lab File: BM024681.D

Acq: 31 Jan 2020 18:35

Tgt Ion:276 Resp: 4468293

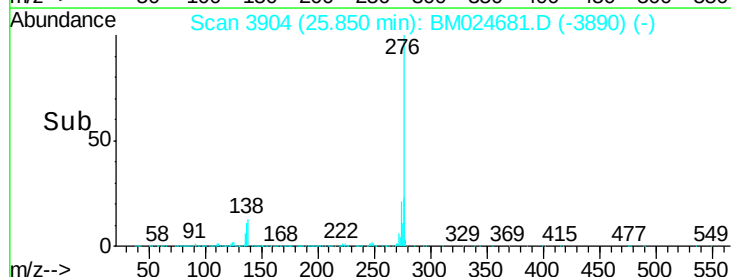
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	13.2	11.9	17.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->