

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024660.D
 Acq On : 30 Jan 2020 16:10
 Operator : CG/JU
 Sample : PB126393BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:21:59 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	7.43	152	162819	20.00	ng	-0.01
21) Naphthalene-d8	10.19	136	559847	20.00	ng	-0.01
39) Acenaphthene-d10	14.08	164	363917	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	813980	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	952956	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1191825	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	741298	86.59	ng	0.00
7) Phenol-d6	6.63	99	911003	77.24	ng	-0.01
23) Nitrobenzene-d5	8.57	82	811967	71.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.58	330	517106	87.35	ng	-0.01
45) 2-Fluorobiphenyl	12.70	172	2153459	80.45	ng	-0.01
79) Terphenyl-d14	19.49	244	3898354	76.37	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	146269	43.189	ng	90
3) Pyridine	3.44	79	355295	36.189	ng	95
4) n-Nitrosodimethylamine	3.35	42	152822	35.068	ng	87
6) Aniline	6.77	93	469114	32.674	ng	96
8) 2-Chlorophenol	7.01	128	467099	47.926	ng	92
9) Benzaldehyde	6.59	77	218248	31.318	ng	91
10) Phenol	6.66	94	515158	43.819	ng	93
11) bis(2-Chloroethyl)ether	6.88	93	380903	40.471	ng	94
12) 1,3-Dichlorobenzene	7.32	146	552654	46.157	ng	96
13) 1,4-Dichlorobenzene	7.47	146	557372	45.886	ng	98
14) 1,2-Dichlorobenzene	7.78	146	530404	45.237	ng	97
15) Benzyl Alcohol	7.67	79	370078	38.058	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.97	45	279077	32.391	ng	96
17) 2-Methylphenol	7.89	107	350626	42.322	ng	96
18) Hexachloroethane	8.49	117	192635	41.069	ng	98
19) n-Nitroso-di-n-propylamine	8.24	70	297260	33.569	ng	94
20) 3+4-Methylphenols	8.21	107	464176	40.475	ng	95
22) Acetophenone	8.25	105	613308	42.485	ng	95
24) Nitrobenzene	8.61	77	463725	42.389	ng	95
25) Isophorone	9.15	82	781801	40.305	ng	97
26) 2-Nitrophenol	9.32	139	255469	50.432	ng	89
27) 2,4-Dimethylphenol	9.40	122	386805	56.192	ng	94
28) bis(2-Chloroethoxy)methane	9.63	93	480234	40.528	ng	99
29) 2,4-Dichlorophenol	9.85	162	462343	49.714	ng	98
30) 1,2,4-Trichlorobenzene	10.06	180	548725	48.922	ng	99
31) Naphthalene	10.24	128	1334864	47.208	ng	100
32) Benzoic acid	9.54	122	248299	39.432	ng	97
33) 4-Chloroaniline	10.36	127	298085	24.050	ng	95
34) Hexachlorobutadiene	10.55	225	360271	46.465	ng	98
35) Caprolactam	11.13	113	127285	42.660	ng	85
36) 4-Chloro-3-methylphenol	11.50	107	421539	42.627	ng	91
37) 2-Methylnaphthalene	11.86	142	994370	45.569	ng	98
38) 1-Methylnaphthalene	12.09	142	947523	45.648	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	615517	47.390	ng	99

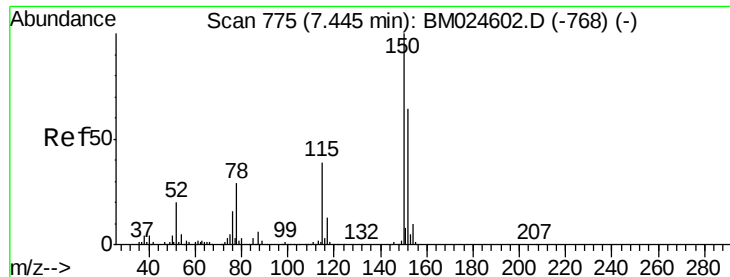
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.24	237	808218	111.017	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	405234	49.029	ng	99
44) 2,4,5-Trichlorophenol	12.57	196	426520	50.530	ng	96
46) 1,1'-Biphenyl	12.90	154	1273483	46.241	ng	99
47) 2-Chloronaphthalene	12.94	162	1030778	46.362	ng	97
48) 2-Nitroaniline	13.15	65	241329	35.589	ng	84
49) Acenaphthylene	13.80	152	1609862	48.368	ng	100
50) Dimethylphthalate	13.56	163	1273923	43.291	ng	100
51) 2,6-Dinitrotoluene	13.66	165	288689	46.143	ng #	83
52) Acenaphthene	14.15	154	946819	45.843	ng	99
53) 3-Nitroaniline	13.99	138	182139	28.069	ng	89
54) 2,4-Dinitrophenol	14.20	184	360165	96.267	ng #	84
55) Dibenzofuran	14.49	168	1572542	46.686	ng	97
56) 4-Nitrophenol	14.33	139	505837	99.724	ng #	83
57) 2,4-Dinitrotoluene	14.46	165	400043	44.615	ng #	84
58) Fluorene	15.14	166	1258513	44.460	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	406579	47.498	ng #	94
60) Diethylphthalate	14.94	149	1211834	40.563	ng	99
61) 4-Chlorophenyl-phenylether	15.15	204	696891	42.703	ng	97
62) 4-Nitroaniline	15.16	138	272152	37.996	ng	89
63) Azobenzene	15.44	77	946173	37.129	ng	93
65) 4,6-Dinitro-2-methylphenol	15.23	198	254848	53.248	ng	91
66) n-Nitrosodiphenylamine	15.36	169	1121067	47.947	ng	99
67) 4-Bromophenyl-phenylether	16.04	248	455382	44.987	ng	96
68) Hexachlorobenzene	16.15	284	539357	46.432	ng	97
69) Atrazine	16.33	200	438486	48.856	ng	98
70) Pentachlorophenol	16.50	266	711326	100.533	ng	98
71) Phenanthrene	16.88	178	2043003	46.349	ng	99
72) Anthracene	16.97	178	2114998	49.038	ng	99
73) Carbazole	17.24	167	1869330	47.611	ng	99
74) Di-n-butylphthalate	17.83	149	2066195	41.164	ng	99
75) Fluoranthene	18.90	202	2626663	47.745	ng	99
77) Benzidine	19.10	184	1804584	81.313	ng	99
78) Pyrene	19.27	202	2742817	43.660	ng	100
80) Butylbenzylphthalate	20.21	149	1015126	38.509	ng	90
81) Benzo(a)anthracene	21.03	228	3062348	46.301	ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	981734	41.262	ng	99
83) Chrysene	21.08	228	2942312	46.621	ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	1480472	38.062	ng	97
85) Di-n-octyl phthalate	21.86	149	2691963	41.891	ng #	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	4176336	60.713	ng	98
88) Benzo(b)fluoranthene	22.54	252	3530127	45.668	ng	99
89) Benzo(k)fluoranthene	22.58	252	3217283	42.641	ng	99
90) Benzo(a)pyrene	23.07	252	3186087	45.335	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	3542343	53.106	ng	99
92) Benzo(g,h,i)perylene	25.86	276	3513671	58.012	ng	98

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

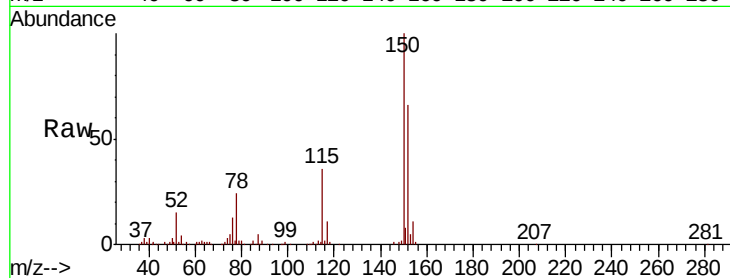


#1

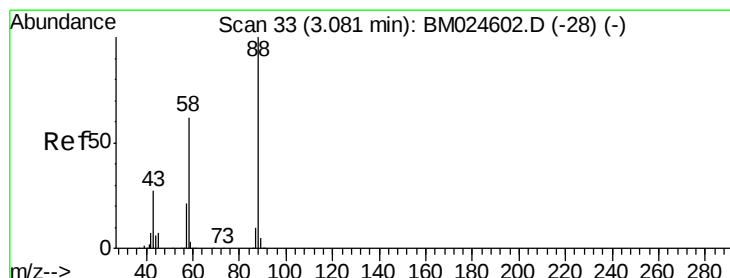
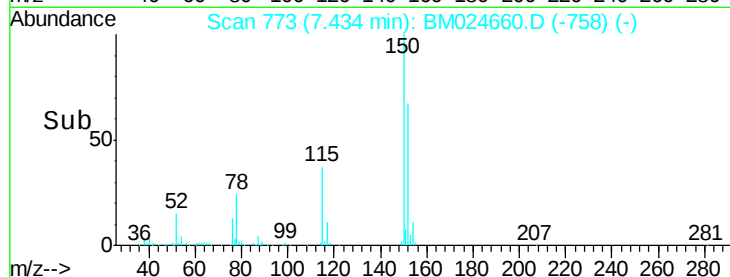
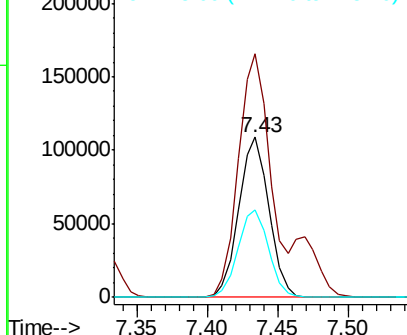
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 162819
Ion Ratio Lower Upper
152 100
150 151.8 124.2 186.4
115 54.5 48.6 72.8



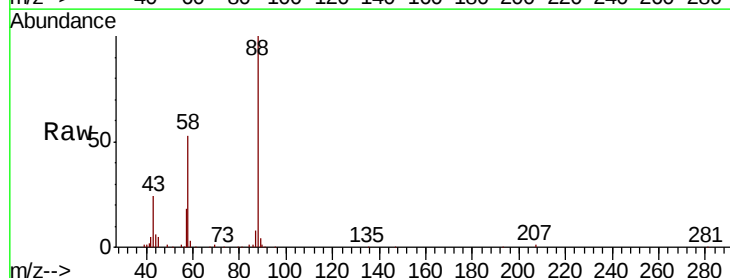
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



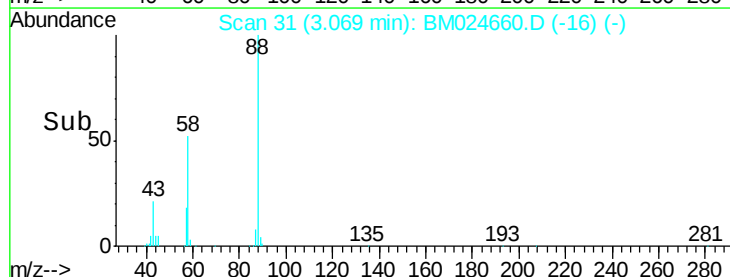
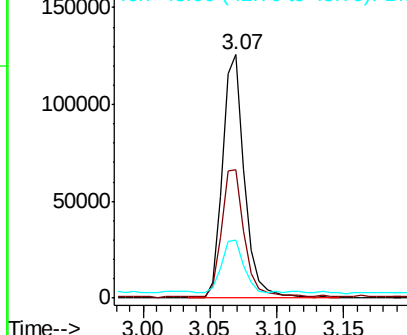
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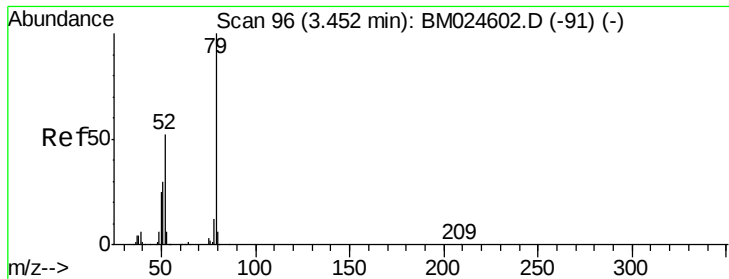
1,4-Dioxane
Concen: 43.189 ng
RT: 3.07 min Scan# 31
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion: 88 Resp: 146269
Ion Ratio Lower Upper
88 100
58 54.2 50.0 75.0
43 22.7 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.189 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

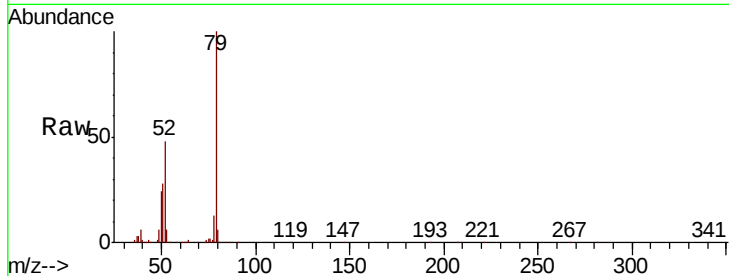
Tot Ion: 79 Resp: 355295

Ion Ratio Lower Upper

79 100

52 47.9 41.4 62.2

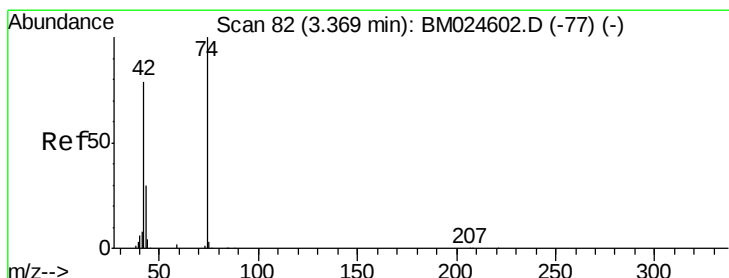
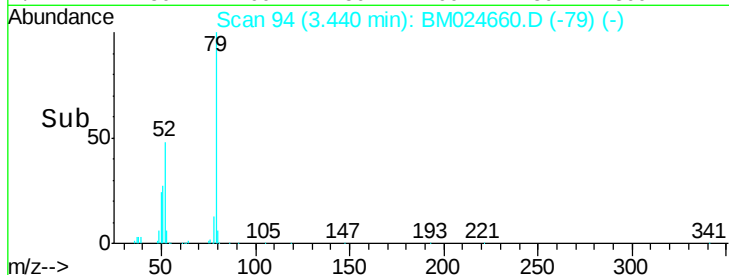
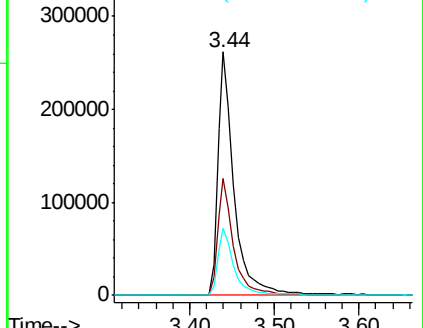
51 27.6 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024660.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM024660.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024660.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 35.068 ng

RT: 3.35 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

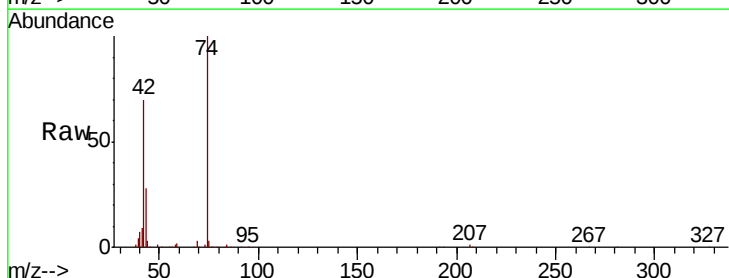
Tgt Ion: 42 Resp: 152822

Ion Ratio Lower Upper

42 100

74 142.8 101.4 152.2

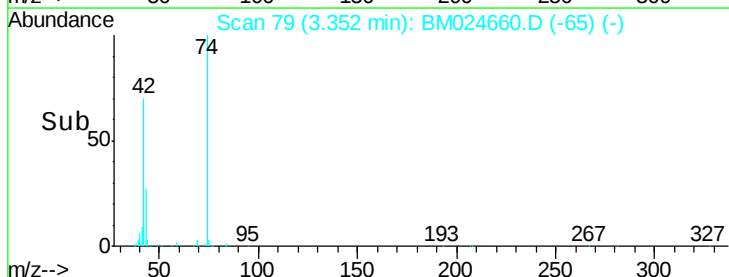
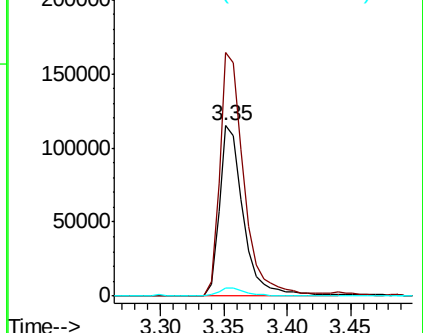
44 5.0 4.6 6.8

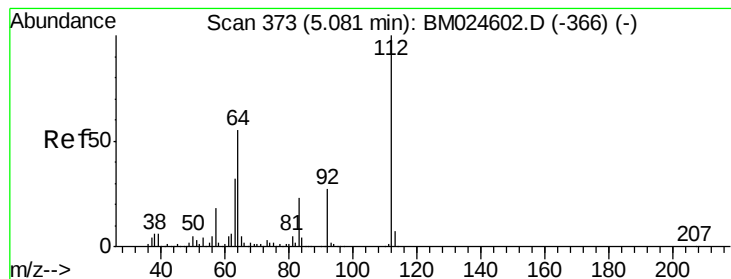


Abundance Ion 42.00 (41.70 to 42.70): BM024660.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BM024660.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024660.D (-65) (-)





#5

2-Fluorophenol

Concen: 86.585 ng

RT: 5.08 min Scan# 372

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

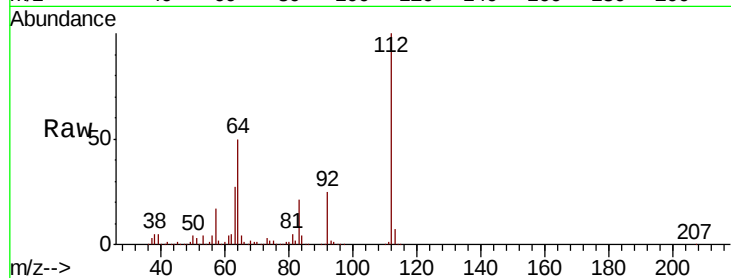
Tot Ion:112 Resp: 741298

Ion Ratio Lower Upper

112 100

64 49.8 44.2 66.4

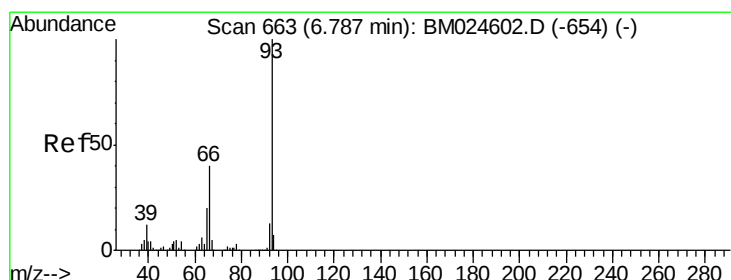
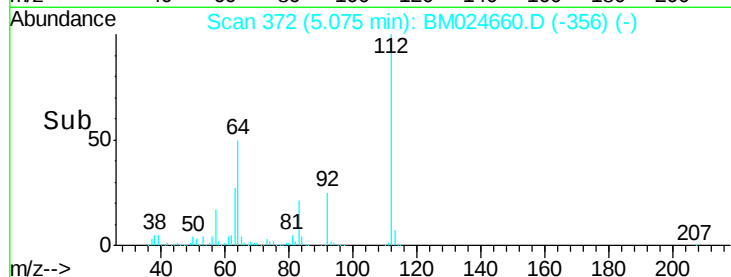
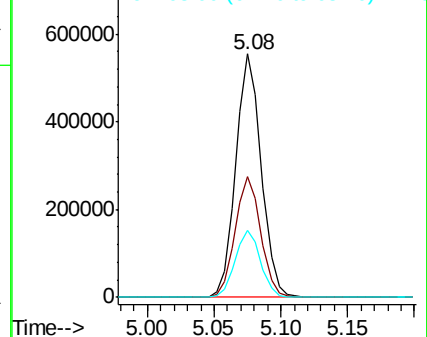
63 27.4 25.9 38.9



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: 32.674 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

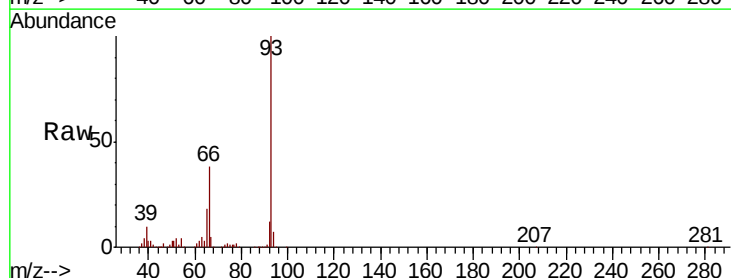
Tgt Ion: 93 Resp: 469114

Ion Ratio Lower Upper

93 100

66 37.5 31.8 47.8

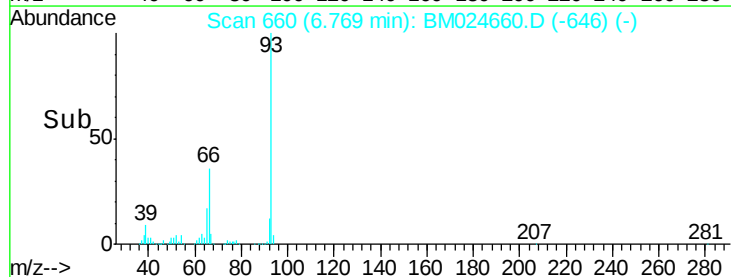
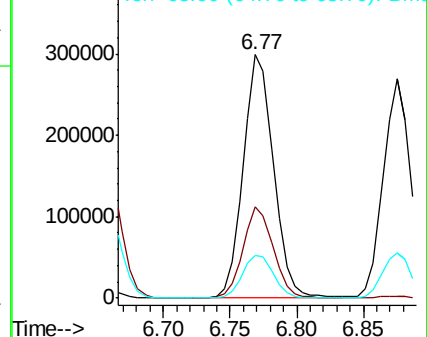
65 17.7 15.8 23.6

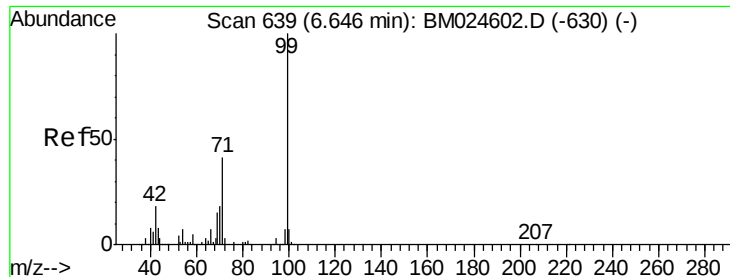


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 77.243 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

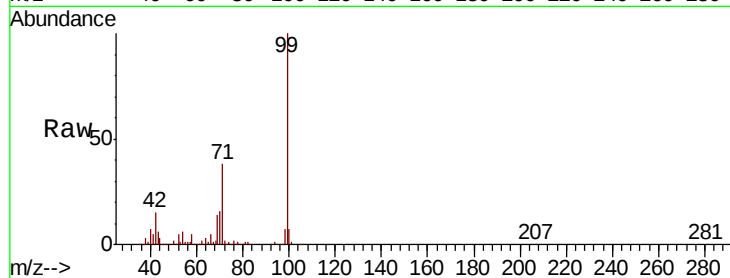
Tot Ion: 99 Resp: 911003

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

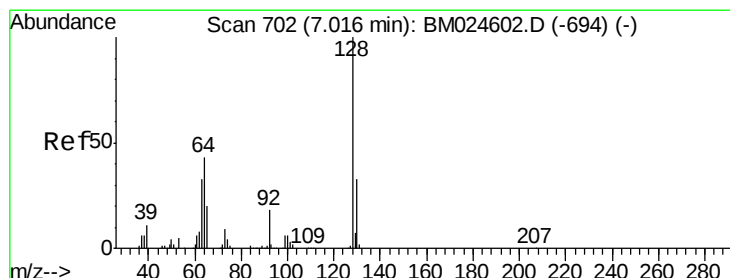
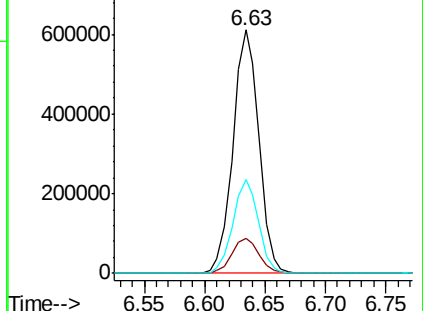
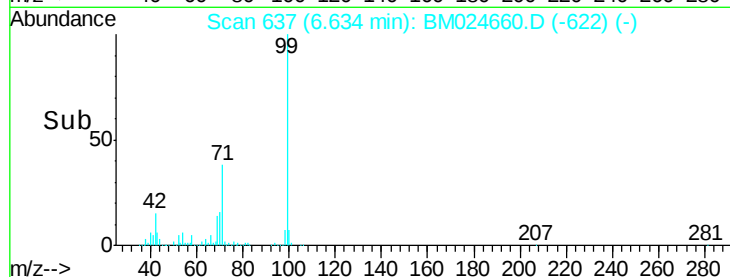
71 38.3 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024660.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM024660.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM024660.D (-630) (-)



#8

2-Chlorophenol

Concen: 47.926 ng

RT: 7.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

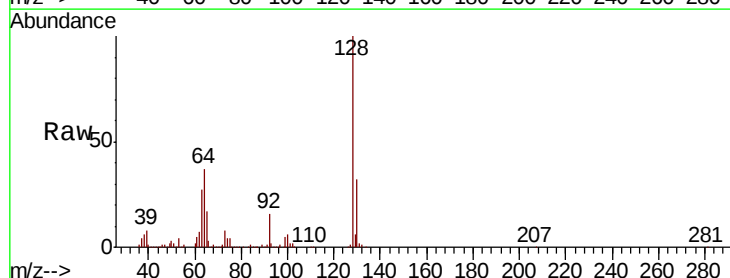
Tgt Ion: 128 Resp: 467099

Ion Ratio Lower Upper

128 100

130 32.2 12.5 52.5

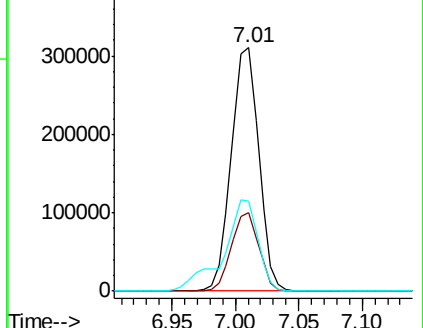
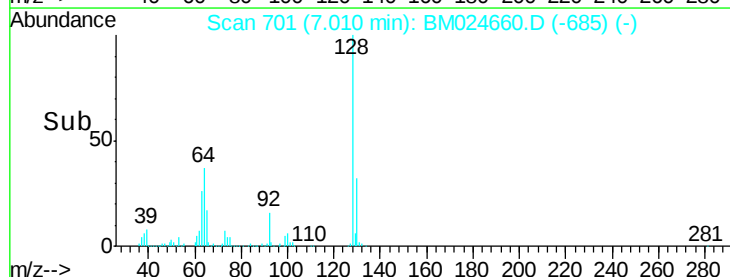
64 37.1 26.1 66.1

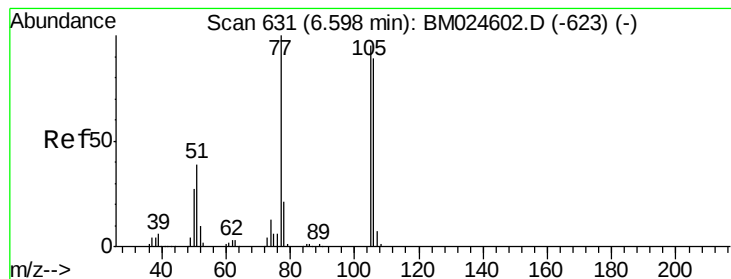


Abundance Ion 128.00 (127.70 to 128.70): BM024660.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM024660.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM024660.D (-694) (-)





#9

Benzaldehyde

Concen: 31.318 ng

RT: 6.59 min Scan# 629

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

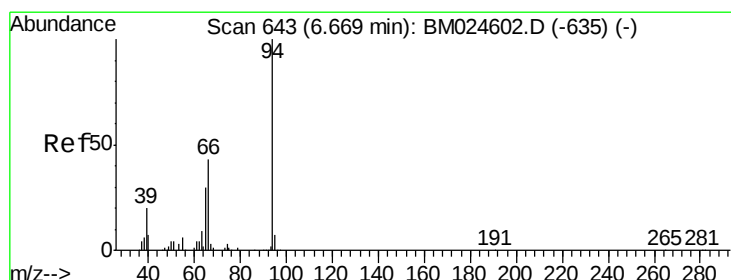
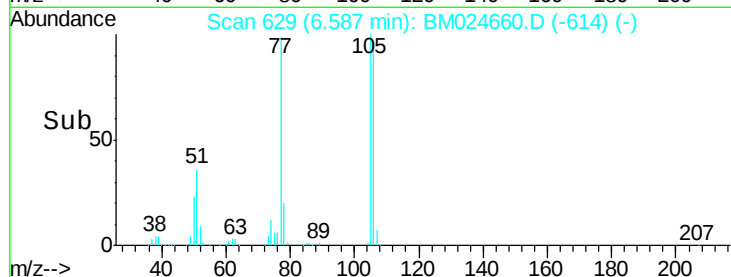
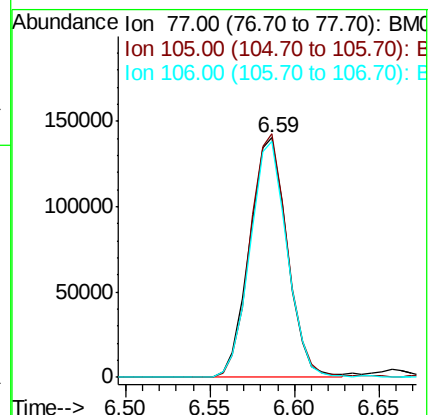
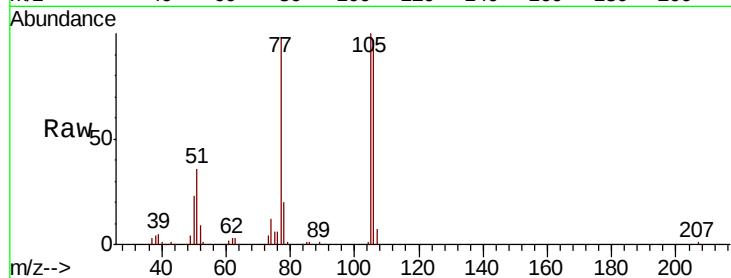
Tot Ion: 77 Resp: 218248

Ion Ratio Lower Upper

77 100

105 101.6 75.2 115.2

106 98.7 68.6 108.6



#10

Phenol

Concen: 43.819 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

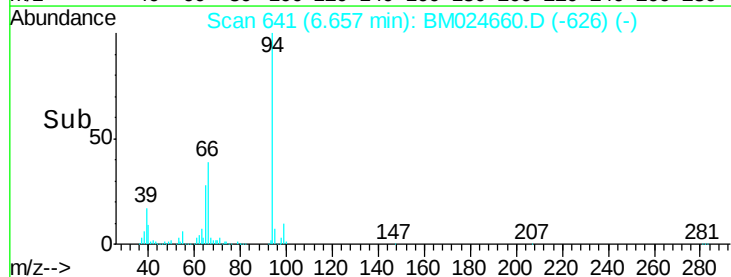
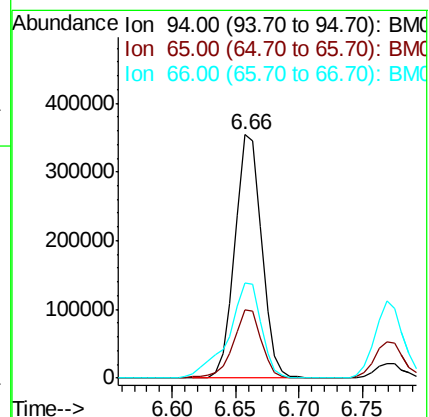
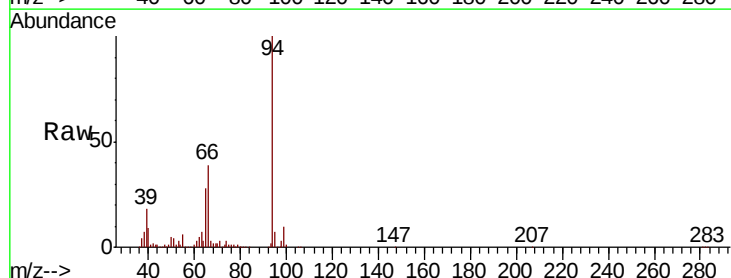
Tgt Ion: 94 Resp: 515158

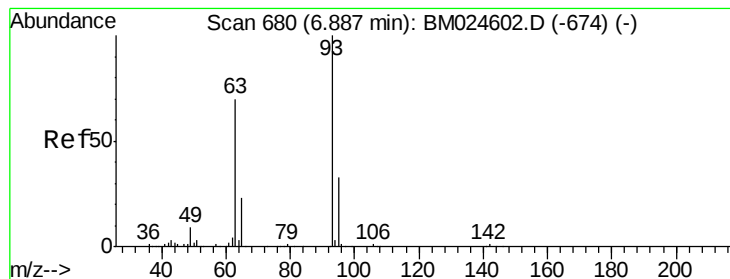
Ion Ratio Lower Upper

94 100

65 28.0 10.3 50.3

66 39.2 24.8 64.8





#11

bis(2-Chloroethyl)ether

Concen: 40.471 ng

RT: 6.88 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

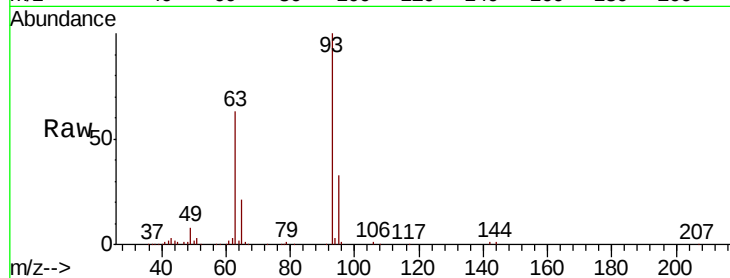
Tot Ion: 93 Resp: 380903

Ion Ratio Lower Upper

93 100

63 63.4 49.6 89.6

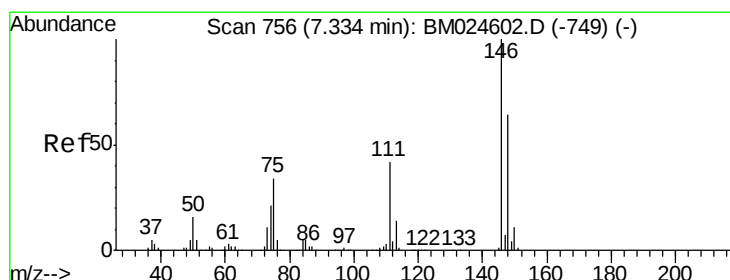
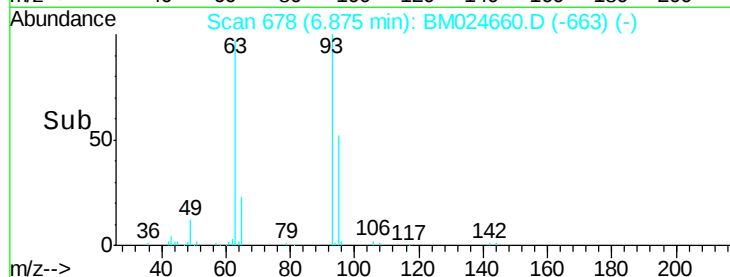
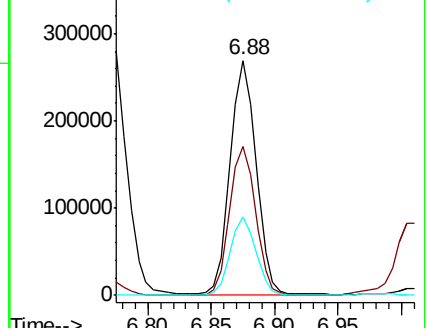
95 33.2 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BM024660.D (-674) (-)

Ion 63.00 (62.70 to 63.70): BM024660.D (-674) (-)

Ion 95.00 (94.70 to 95.70): BM024660.D (-674) (-)



#12

1,3-Dichlorobenzene

Concen: 46.157 ng

RT: 7.32 min Scan# 754

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

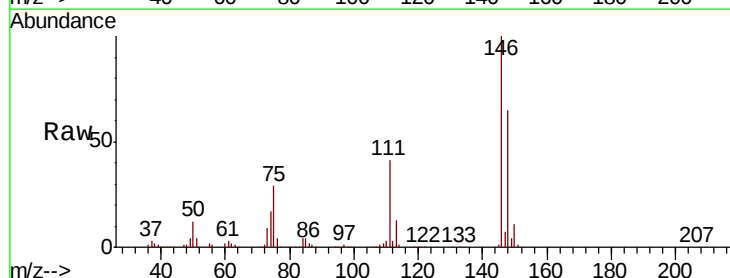
Tgt Ion: 146 Resp: 552654

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

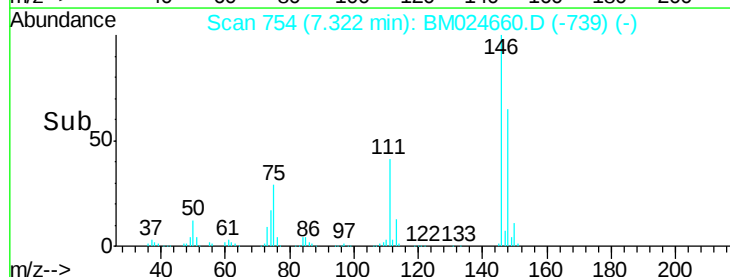
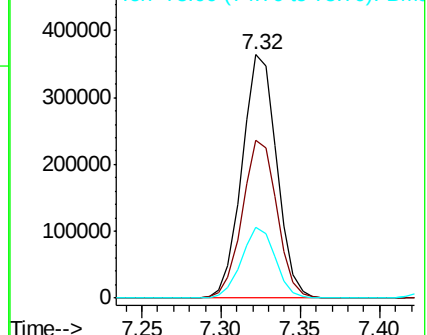
75 29.0 27.0 40.4

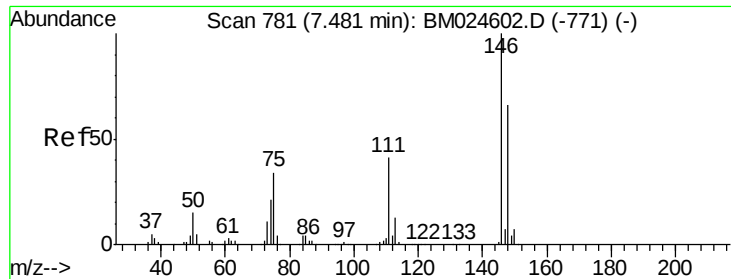


Abundance Ion 146.00 (145.70 to 146.70): BM024660.D (-749) (-)

Ion 148.00 (147.70 to 148.70): BM024660.D (-749) (-)

Ion 75.00 (74.70 to 75.70): BM024660.D (-749) (-)





#13

1,4-Dichlorobenzene

Concen: 45.886 ng

RT: 7.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampled :

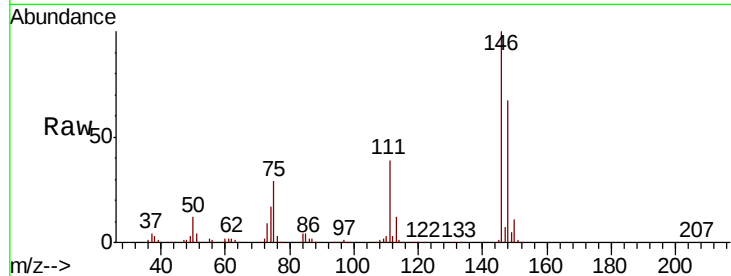
Tot Ion:146 Resp: 557372

Ion Ratio Lower Upper

146 100

148 66.9 52.5 78.7

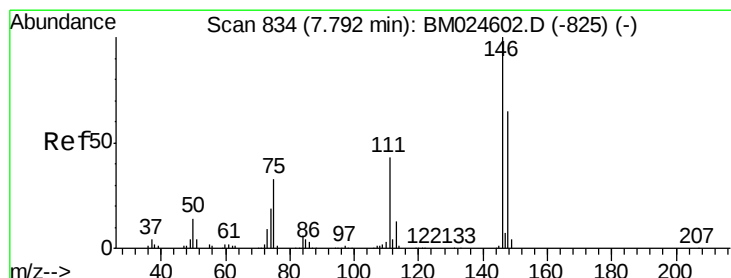
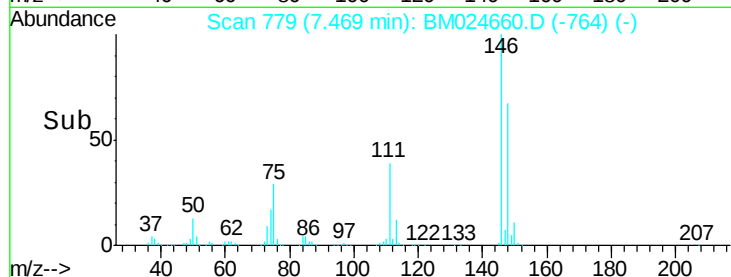
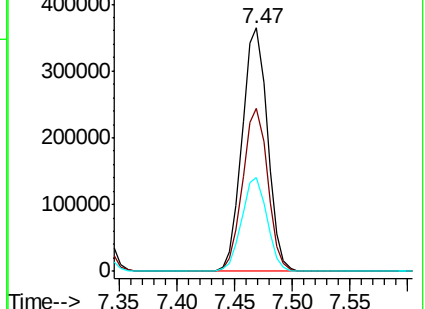
111 38.8 33.0 49.4



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: 45.237 ng

RT: 7.78 min Scan# 832

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

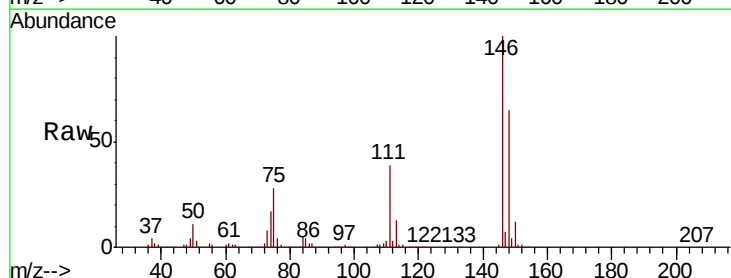
Tgt Ion:146 Resp: 530404

Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

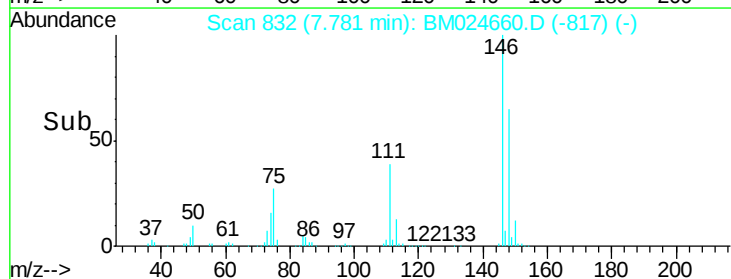
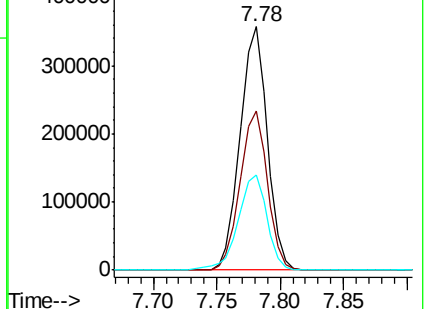
111 39.1 34.5 51.7

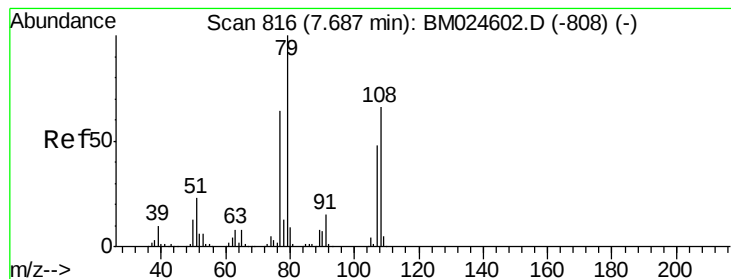


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.058 ng

RT: 7.67 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

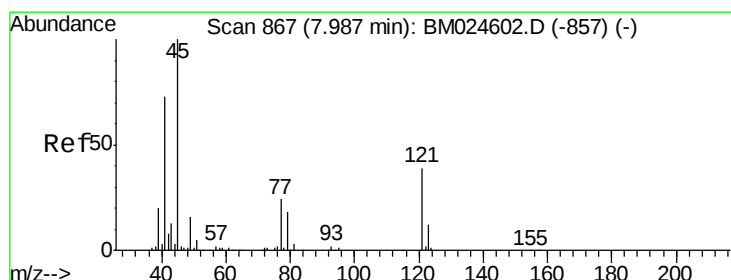
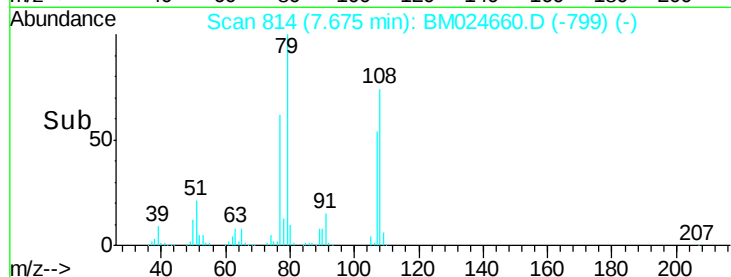
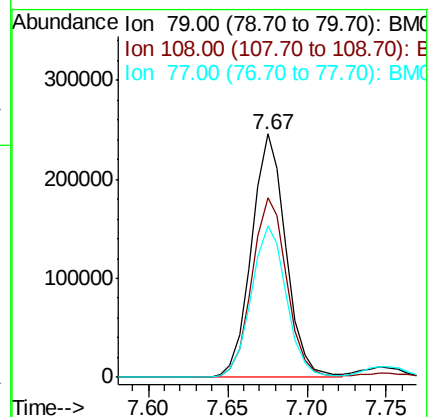
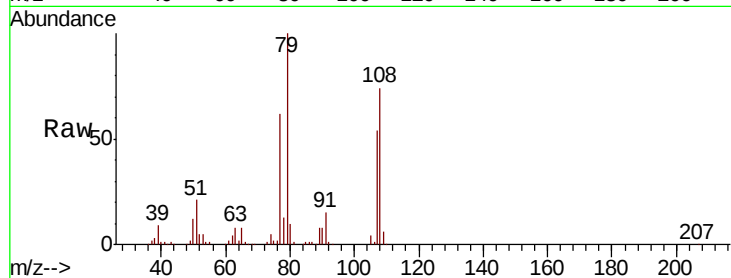
Tot Ion: 79 Resp: 370078

Ion Ratio Lower Upper

79 100

108 74.0 53.0 79.4

77 62.4 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.391 ng

RT: 7.97 min Scan# 864

Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

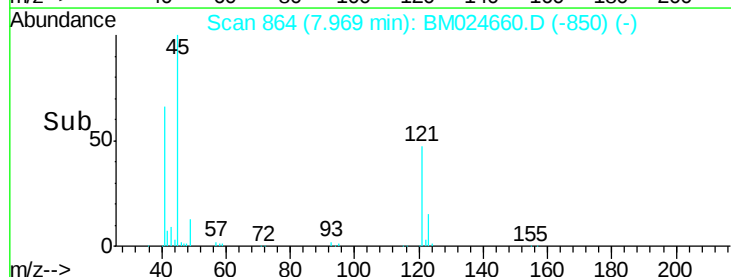
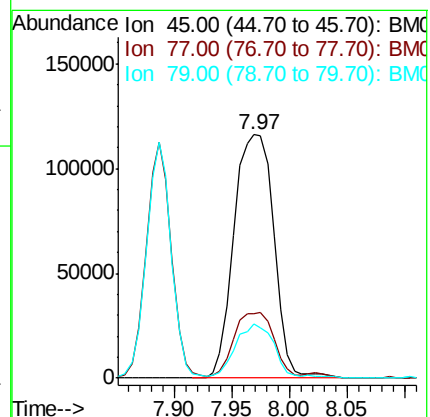
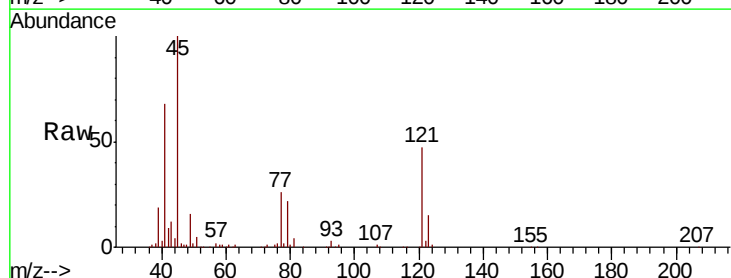
Tgt Ion: 45 Resp: 279077

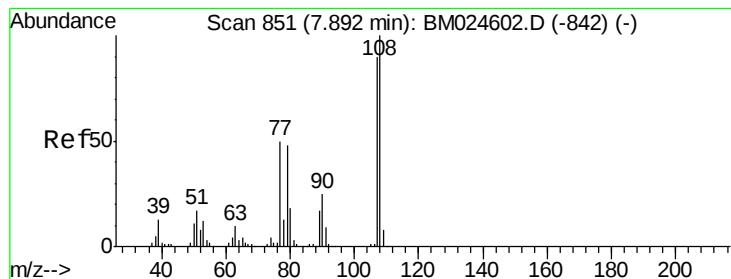
Ion Ratio Lower Upper

45 100

77 26.4 5.2 45.2

79 22.1 0.0 39.4





#17

2-Methylphenol

Concen: 42.322 ng

RT: 7.89 min Scan# 850

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 350626

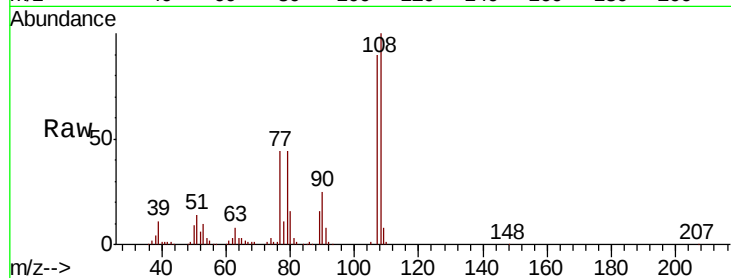
Ion Ratio Lower Upper

107 100

108 111.2 88.9 133.3

77 48.7 44.5 66.7

79 48.6 42.9 64.3

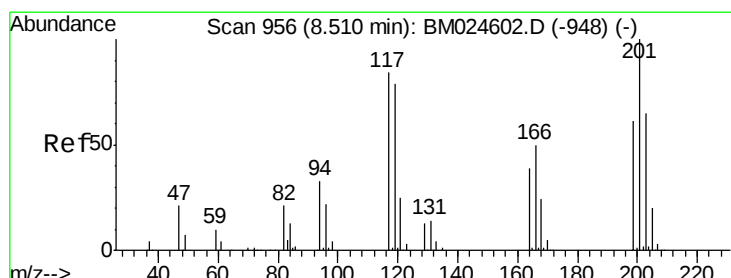
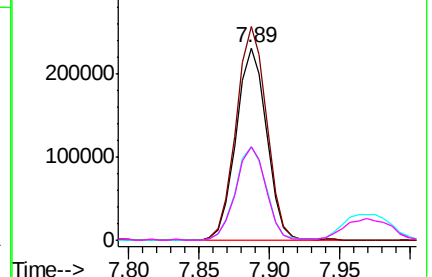
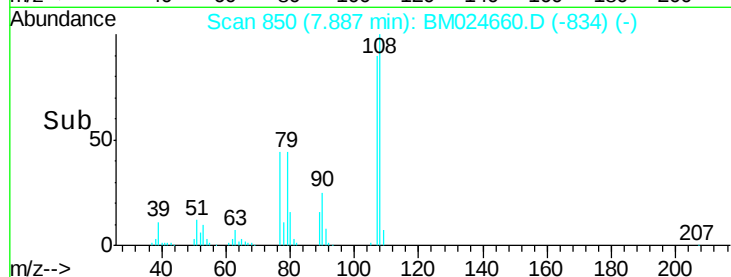


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 41.069 ng

RT: 8.49 min Scan# 953

Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

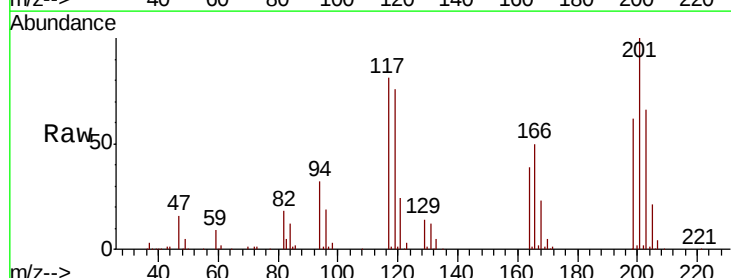
Tgt Ion:117 Resp: 192635

Ion Ratio Lower Upper

117 100

119 94.8 75.4 113.2

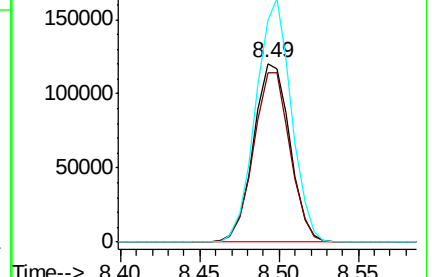
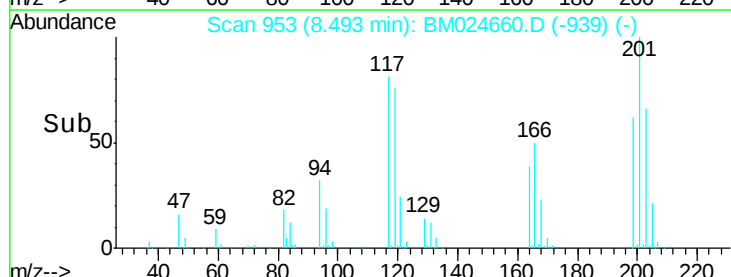
201 124.1 95.8 143.6

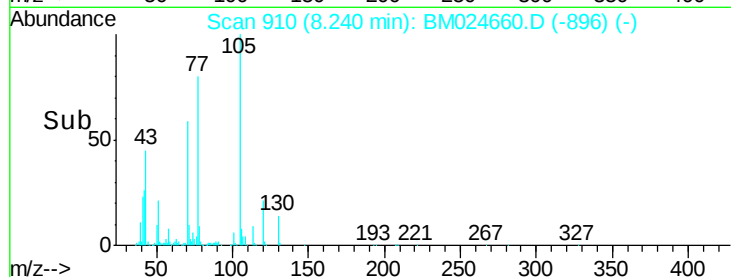
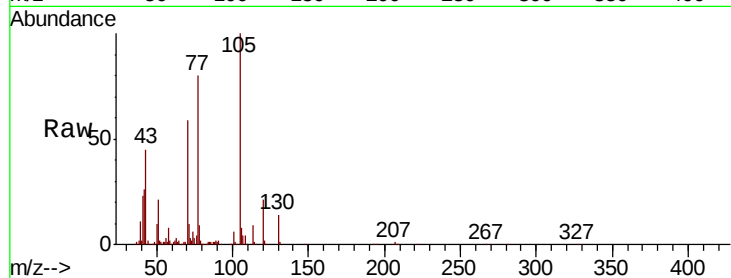
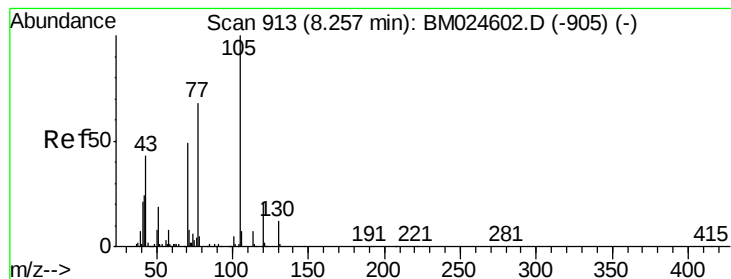


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.569 ng

RT: 8.24 min Scan# 910

Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 297260

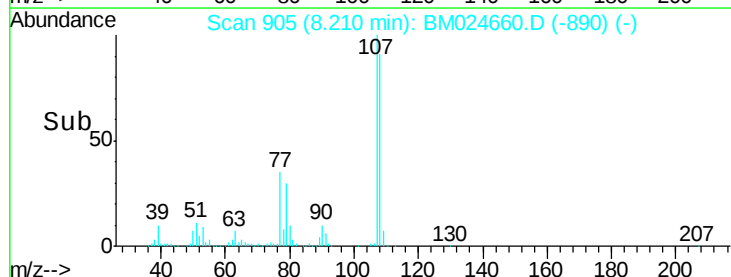
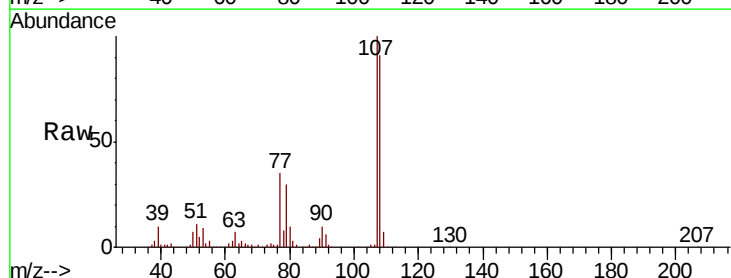
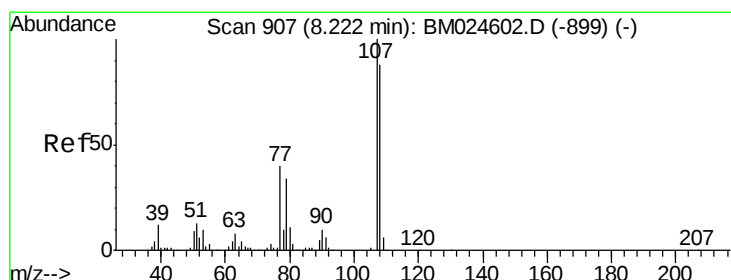
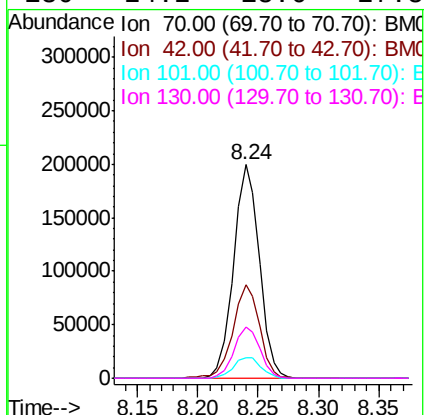
Ion Ratio Lower Upper

70 100

42 43.7 40.0 60.0

101 9.9 8.2 12.2

130 24.2 18.6 27.8



#20

3+4-Methylphenols

Concen: 40.475 ng

RT: 8.21 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion: 107 Resp: 464176

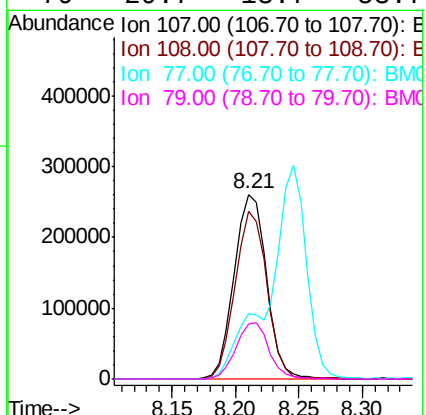
Ion Ratio Lower Upper

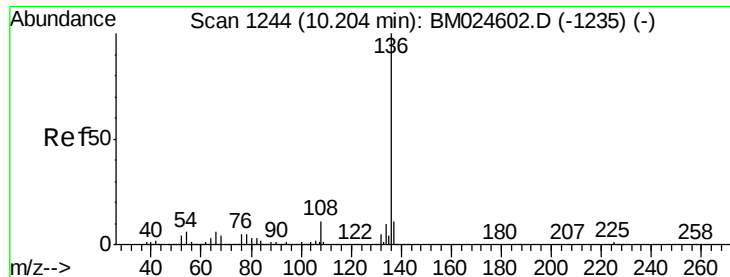
107 100

108 90.8 68.0 108.0

77 35.4 19.9 59.9

79 29.7 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM024660.D

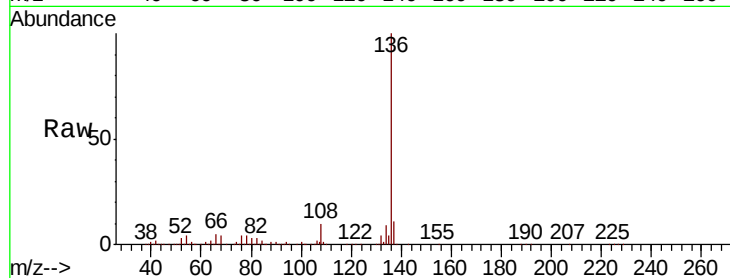
Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp: 559847
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 4.4	4.5 6.7#
68 4.3	3.4 5.0



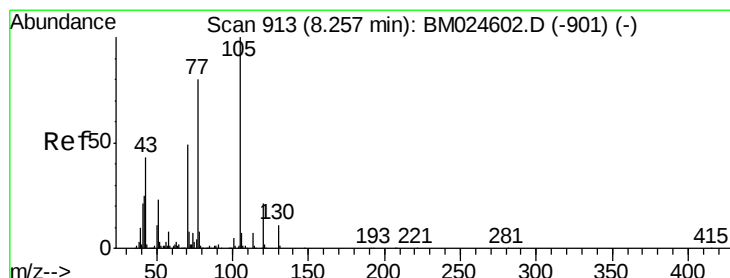
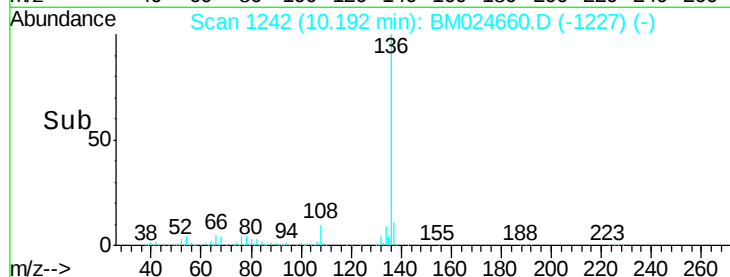
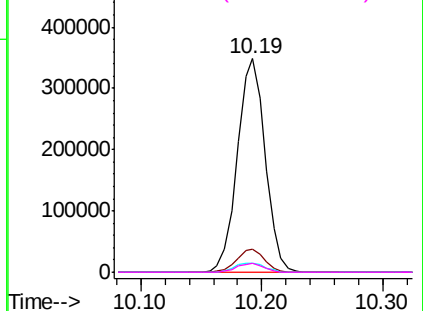
Abundance

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: 42.485 ng

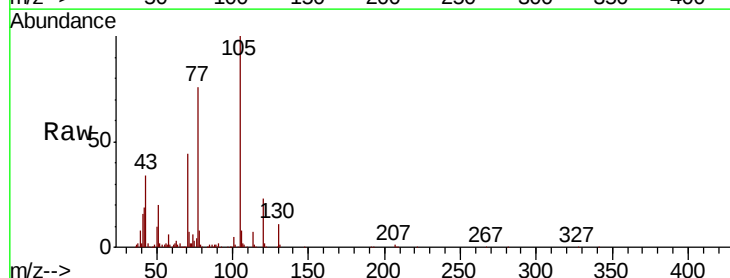
RT: 8.25 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:105	Resp: 613308
Ion Ratio	Lower Upper
105 100	
71 7.2	6.7 10.1
51 20.0	18.5 27.7
120 23.0	16.6 25.0



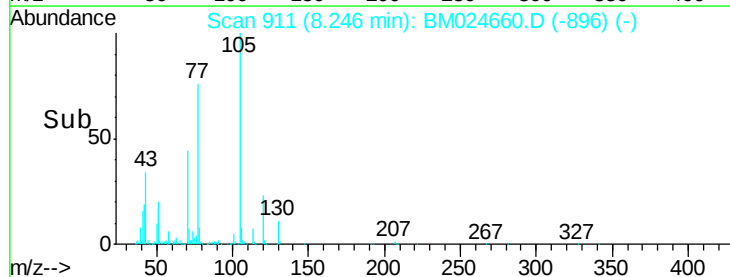
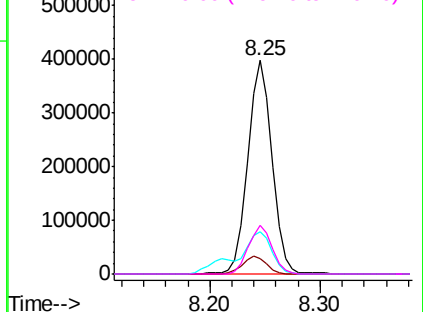
Abundance

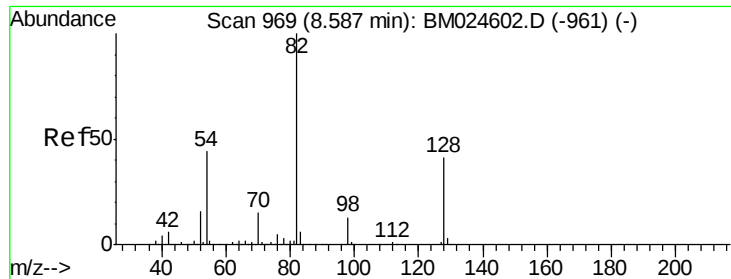
Ion 105.00 (104.70 to 105.70): E

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

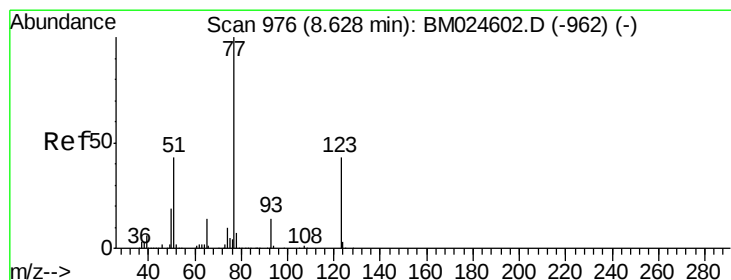
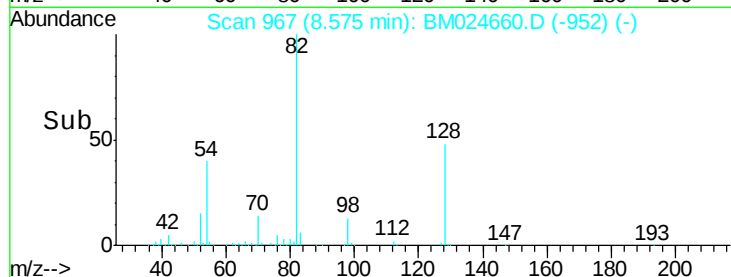
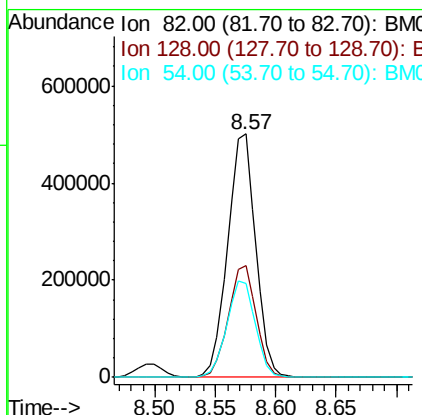
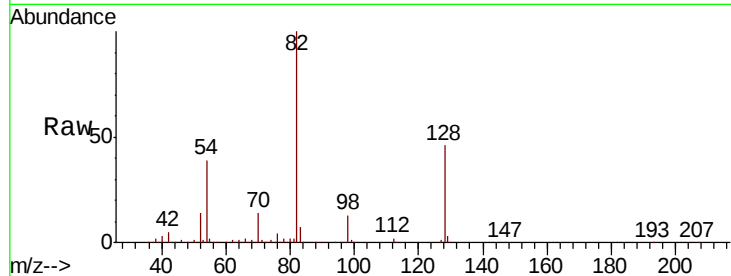




#23
 Nitrobenzene-d5
 Concen: 71.127 ng
 RT: 8.57 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

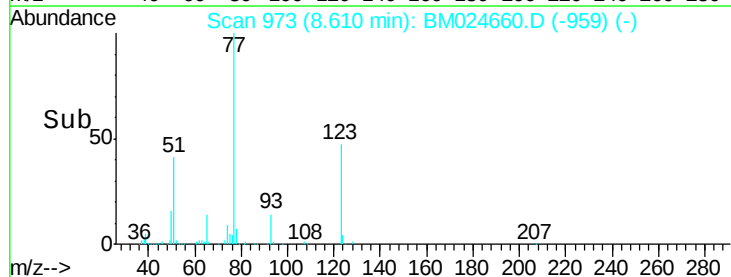
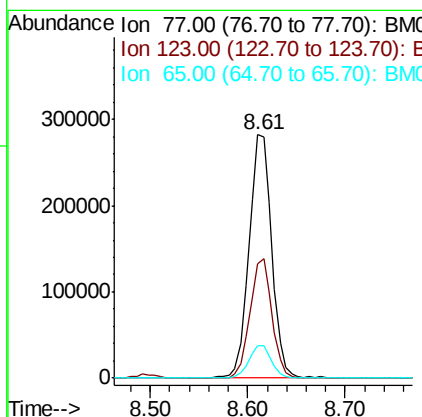
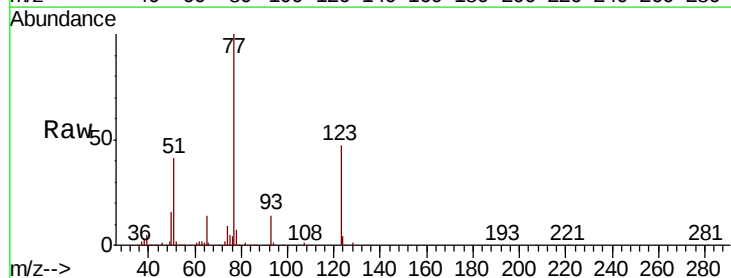
Instrument :
 BNA_M
 ClientSampleId :

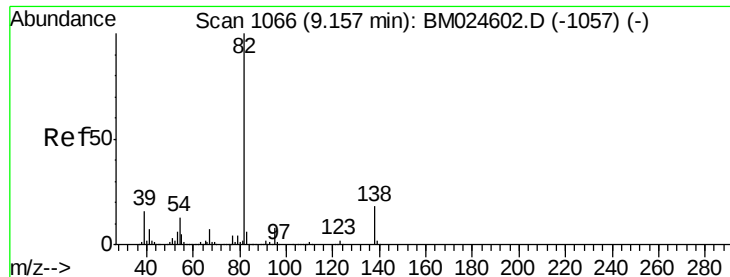
Tot Ion	82	Resp	811967
Ion Ratio	Lower	Upper	
82	100		
128	46.0	32.6	48.8
54	38.7	34.8	52.2



#24
 Nitrobenzene
 Concen: 42.389 ng
 RT: 8.61 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	77	Resp	463725
Ion Ratio	Lower	Upper	
77	100		
123	47.1	34.6	52.0
65	13.5	11.0	16.4





#25

Isophorone

Concen: 40.305 ng

RT: 9.15 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

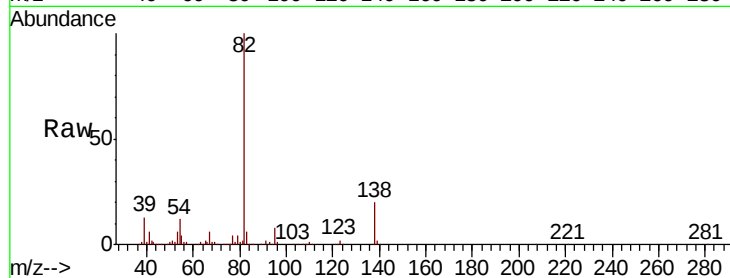
Tot Ion: 82 Resp: 781801

Ion Ratio Lower Upper

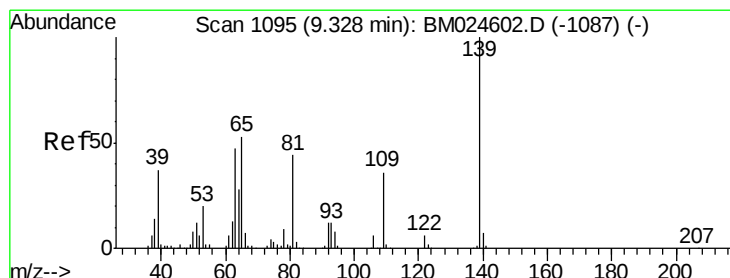
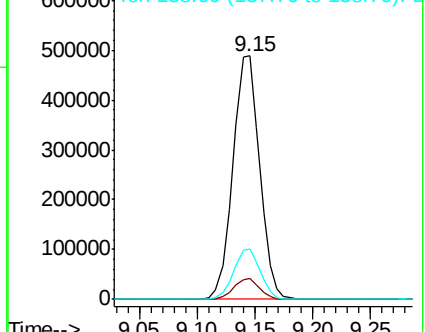
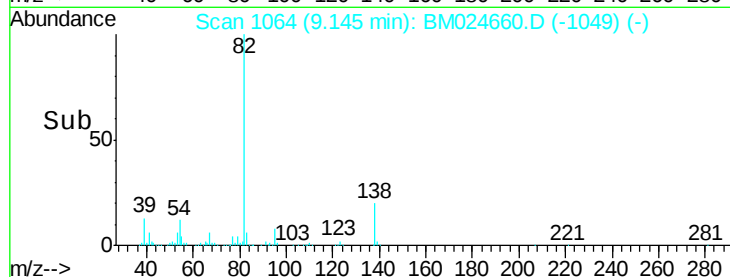
82 100

95 8.5 6.7 10.1

138 20.4 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024660.D (-1049) (-)



#26

2-Nitrophenol

Concen: 50.432 ng

RT: 9.32 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

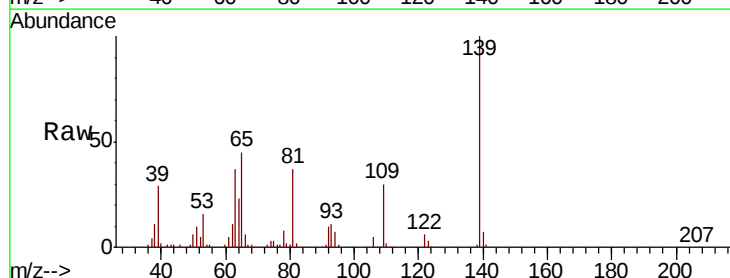
Tgt Ion: 139 Resp: 255469

Ion Ratio Lower Upper

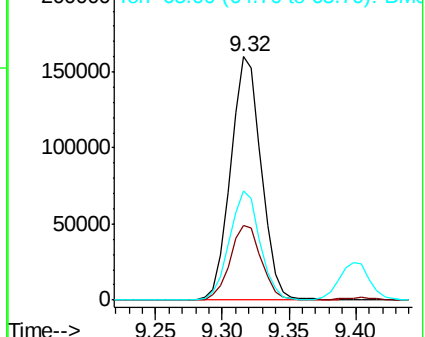
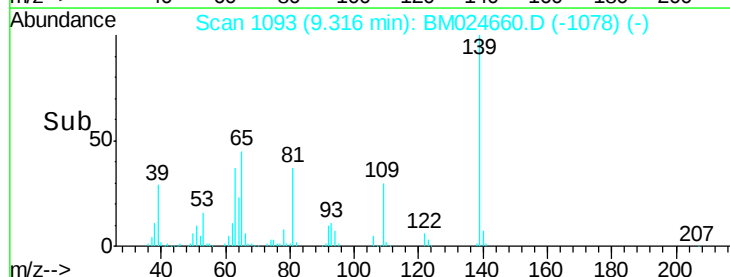
139 100

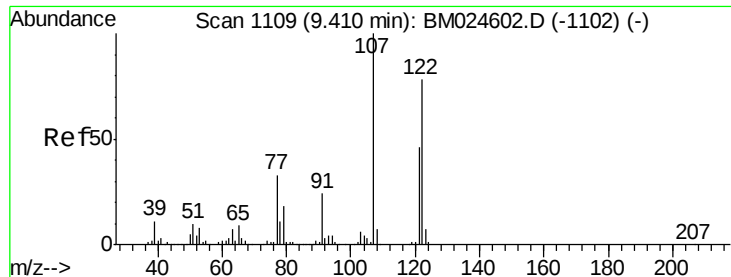
109 30.4 28.8 43.2

65 44.7 42.6 63.8



Abundance Ion 139.00 (138.70 to 139.70): BM024660.D (-1078) (-)

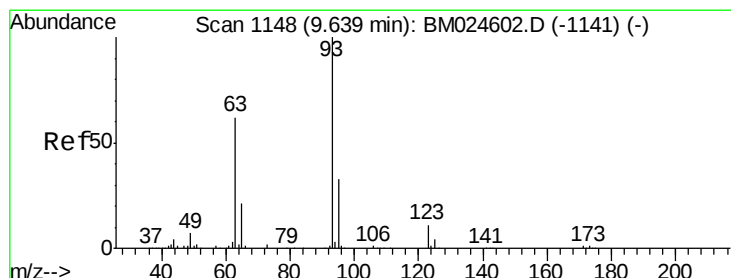
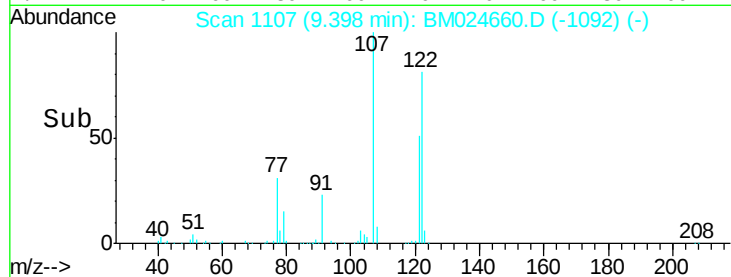
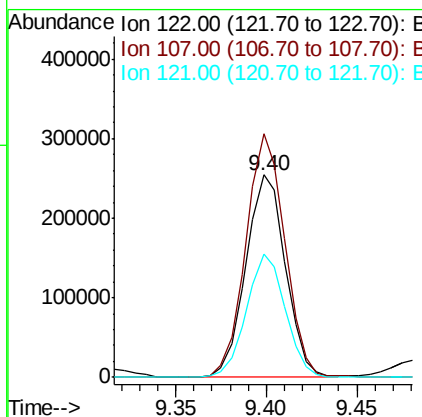
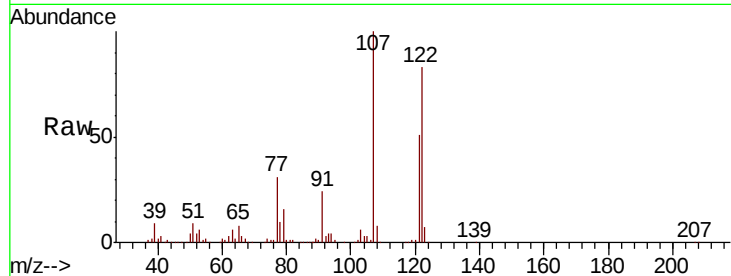




#27
 2,4-Dimethylphenol
 Concen: 56.192 ng
 RT: 9.40 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

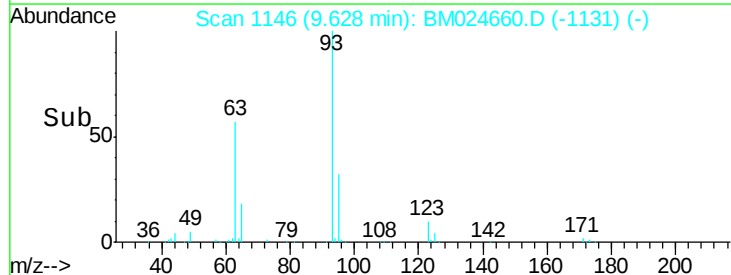
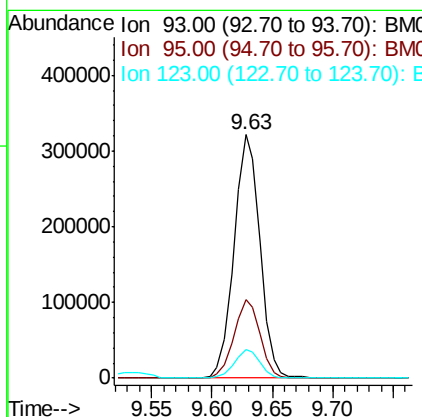
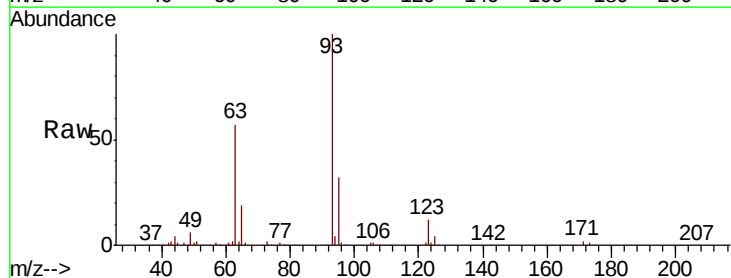
Instrument :
 BNA_M
 ClientSampled :

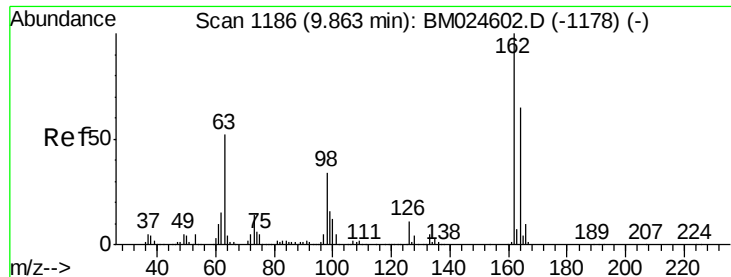
Tot Ion	122	Resp	386805
Ion Ratio	Lower	Upper	
122	100		
107	120.4	102.5	153.7
121	61.2	47.0	70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.528 ng
 RT: 9.63 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	93	Resp	480234
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.1	39.1
123	11.9	8.7	13.1

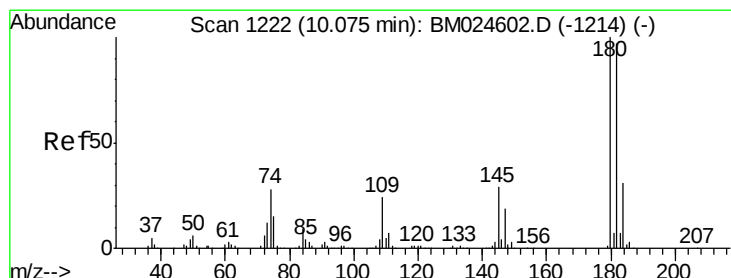
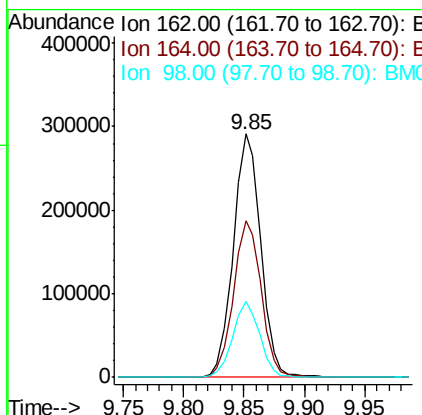
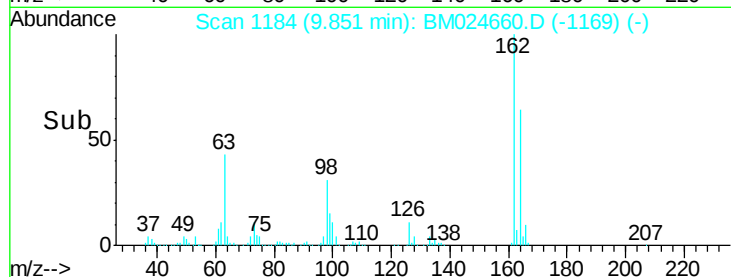
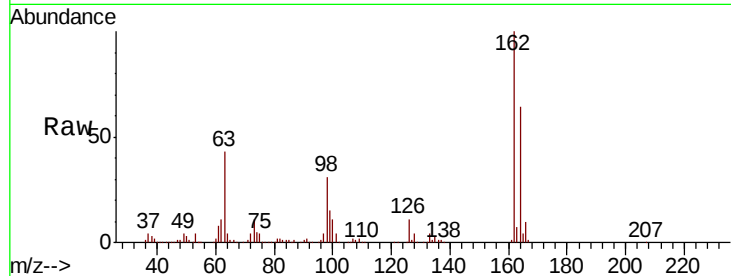




#29
 2,4-Dichlorophenol
 Concen: 49.714 ng
 RT: 9.85 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

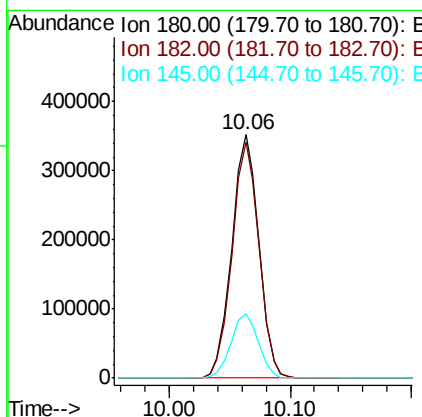
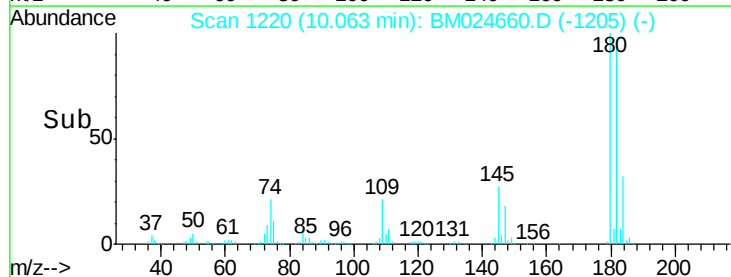
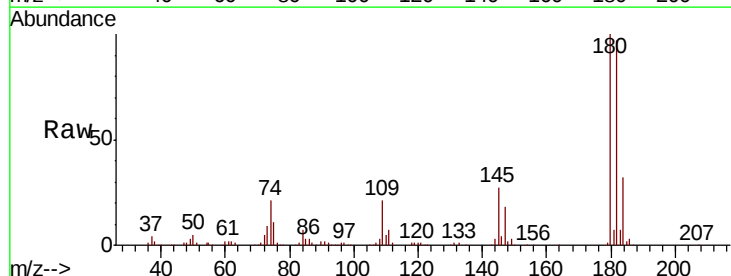
Instrument :
 BNA_M
 ClientSampled :

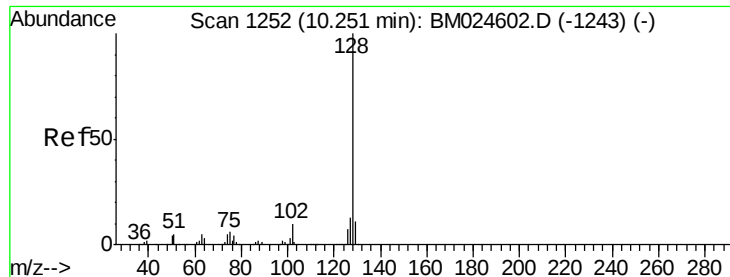
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.5	84.5
98	31.1	14.2	54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.922 ng
 RT: 10.06 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.8	116.6
145	26.6	22.9	34.3

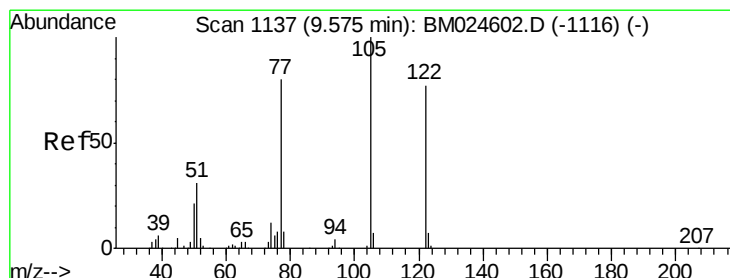
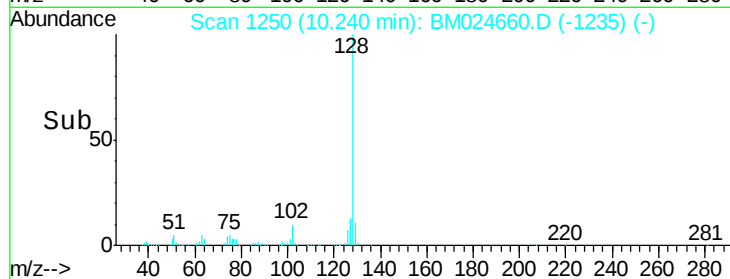
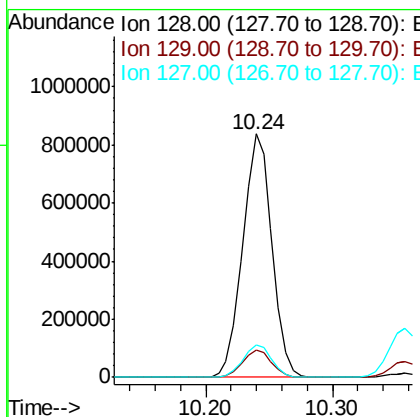
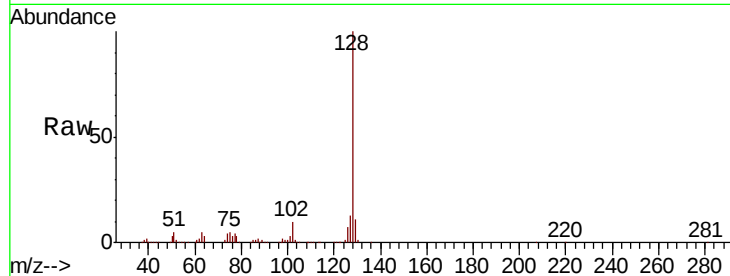




#31
Naphthalene
Concen: 47.208 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

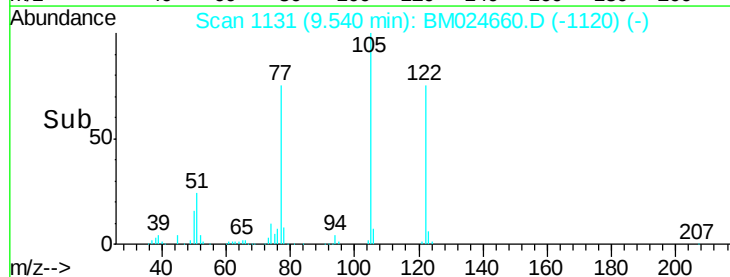
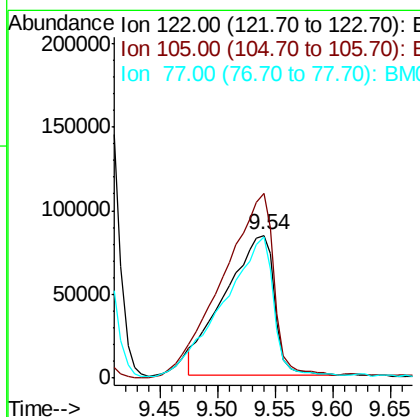
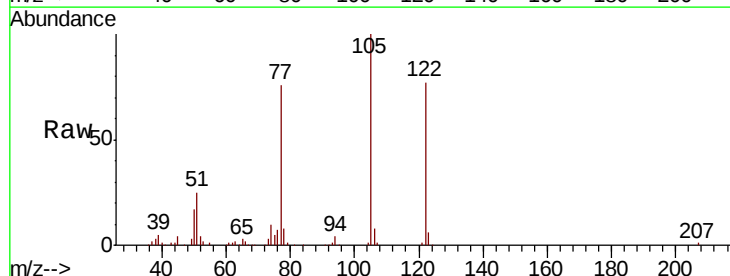
Instrument :
BNA_M
ClientSampled :

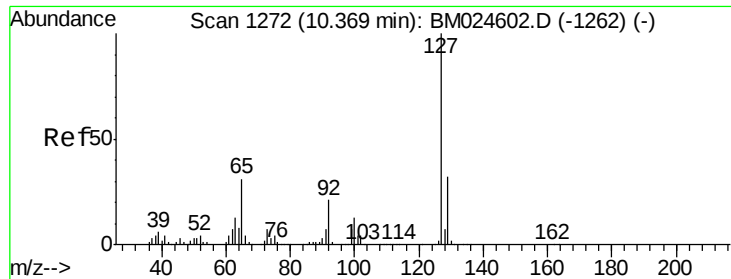
Tot Ion:128 Resp: 1334864
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 39.432 ng
RT: 9.54 min Scan# 1131
Delta R.T. -0.04 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:122 Resp: 248299
Ion Ratio Lower Upper
122 100
105 129.3 107.7 147.7
77 98.6 83.8 123.8

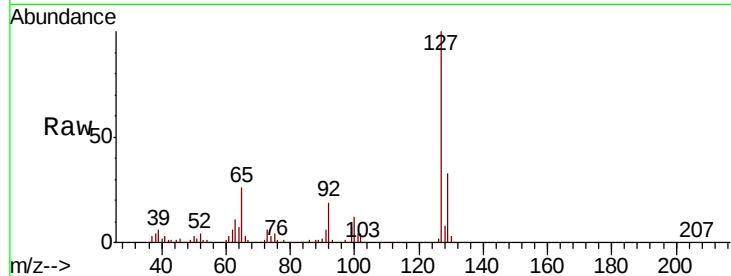




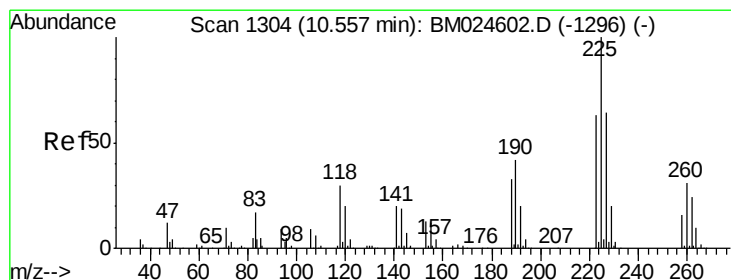
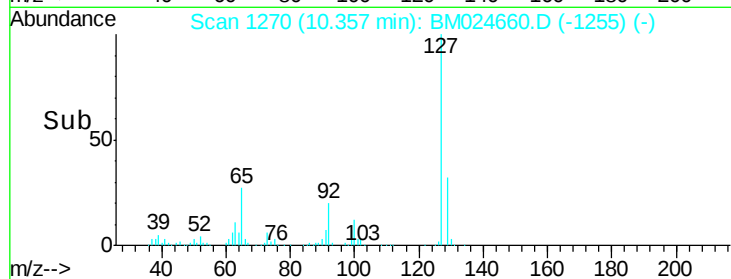
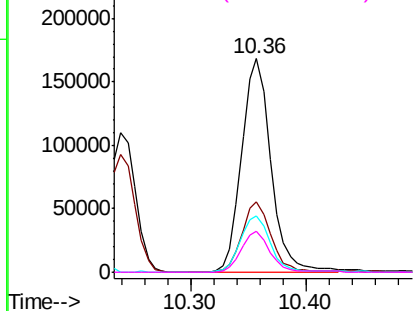
#33
4-Chloroaniline
Concen: 24.050 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	298085
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	26.2	25.1	37.7
92	19.3	16.6	25.0

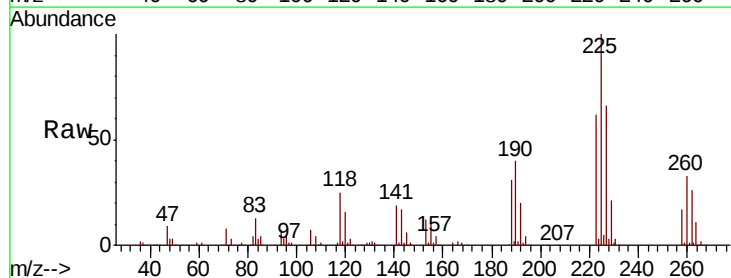


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

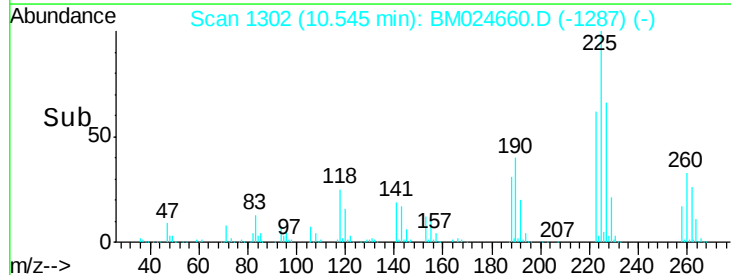
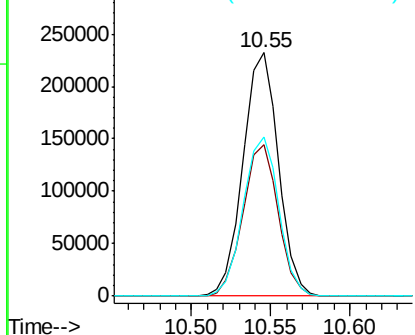


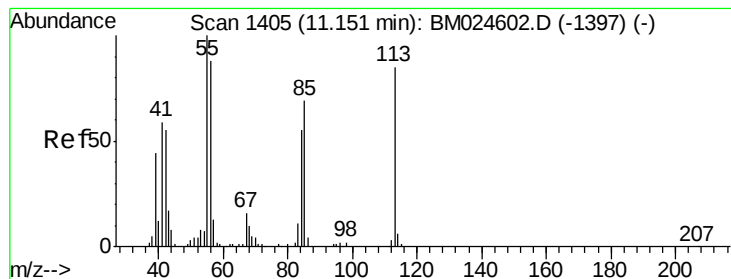
#34
Hexachlorobutadiene
Concen: 46.465 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:	225	Resp:	360271
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.7	76.1
227	65.5	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: 42.660 ng

RT: 11.13 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

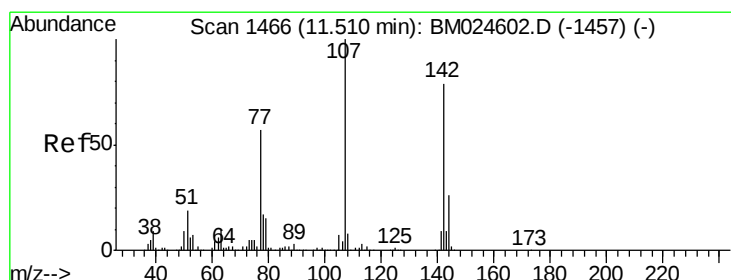
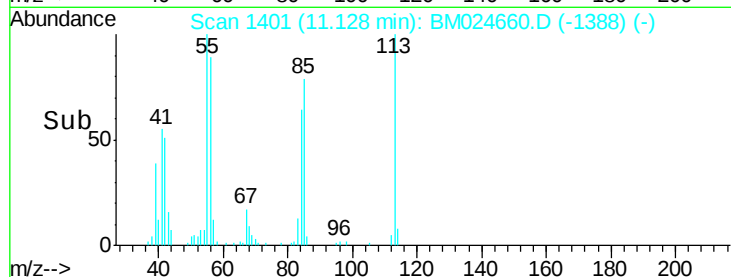
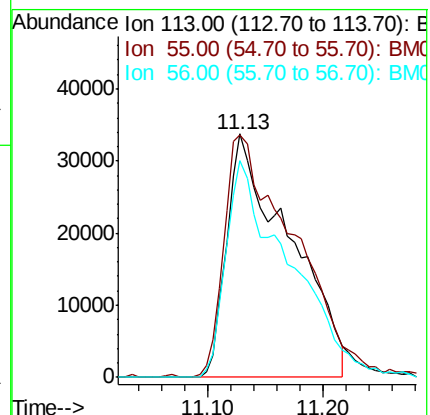
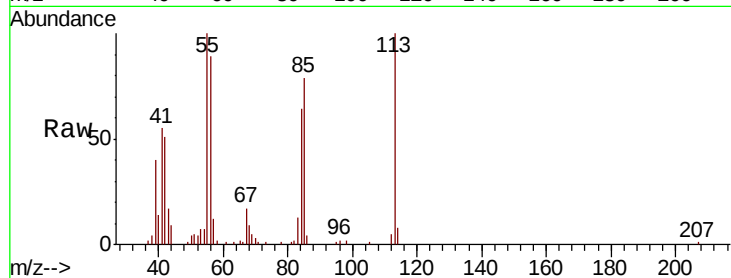
Tot Ion:113 Resp: 127285

Ion Ratio Lower Upper

113 100

55 99.5 97.5 137.5

56 89.0 83.4 123.4



#36

4-Chloro-3-methylphenol

Concen: 42.627 ng

RT: 11.50 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

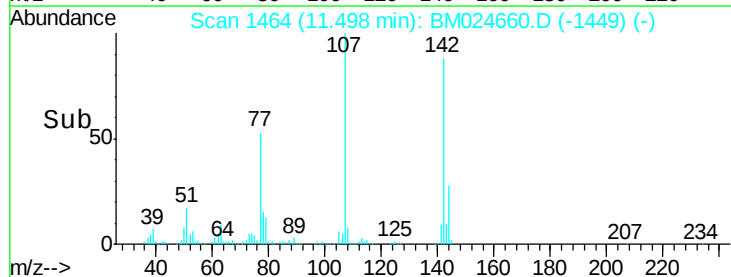
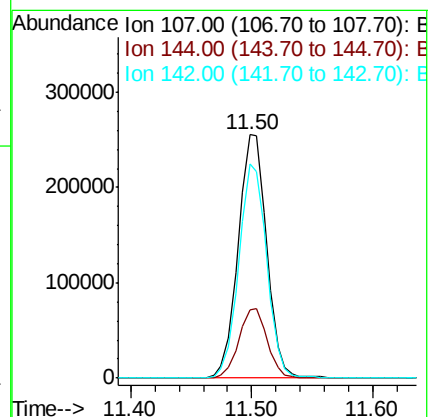
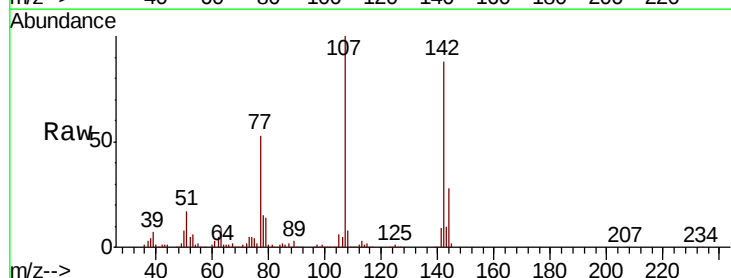
Tgt Ion:107 Resp: 421539

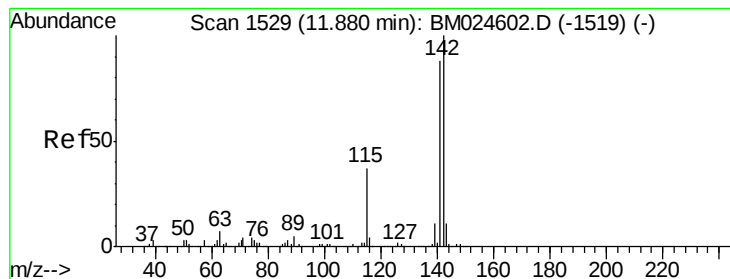
Ion Ratio Lower Upper

107 100

144 27.8 20.5 30.7

142 88.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 45.569 ng

RT: 11.86 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

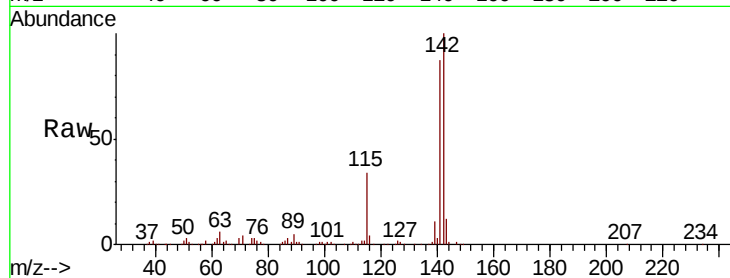
Tot Ion:142 Resp: 994370

Ion Ratio Lower Upper

142 100

141 86.9 70.2 105.2

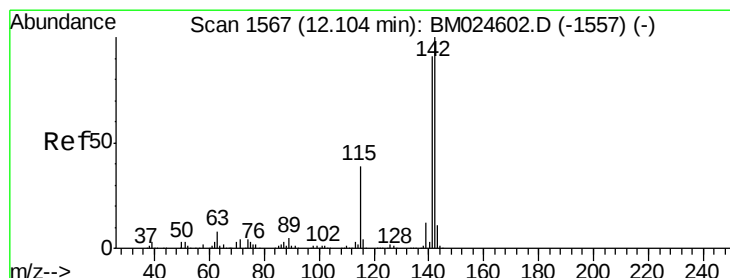
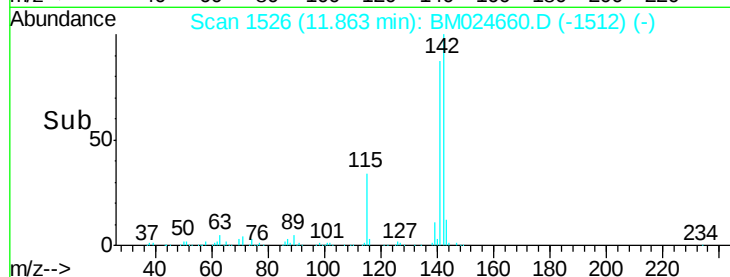
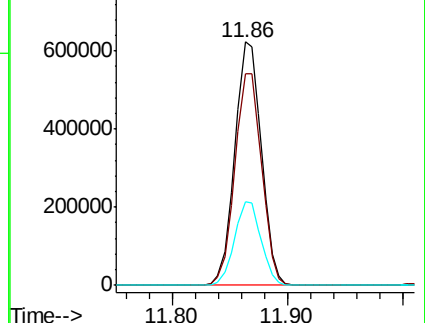
115 34.2 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.648 ng

RT: 12.09 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

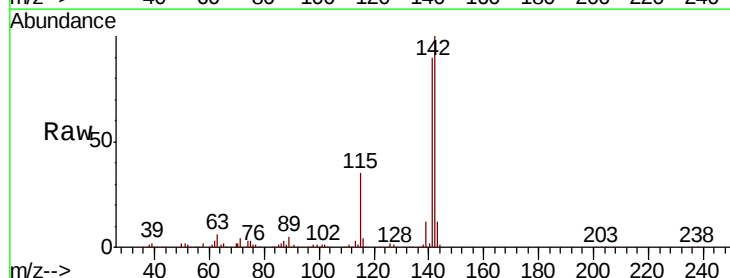
Tgt Ion:142 Resp: 947523

Ion Ratio Lower Upper

142 100

141 89.6 72.8 109.2

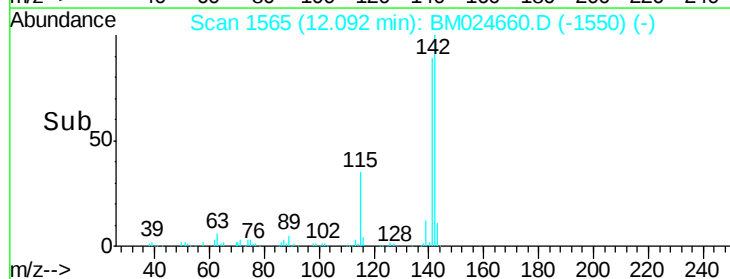
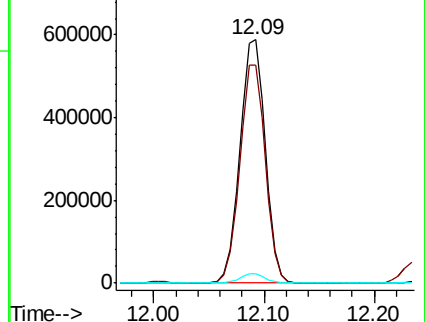
116 3.6 3.2 4.8

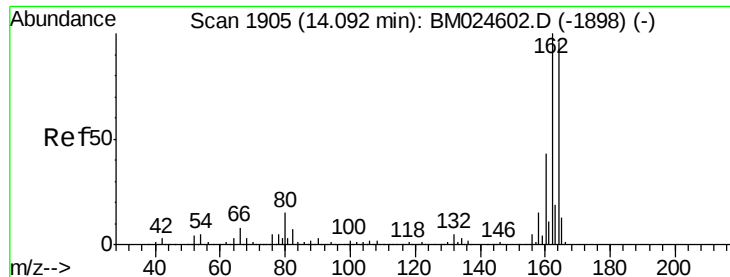


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

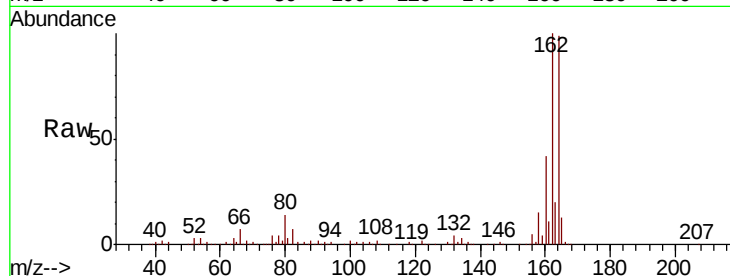
Tot Ion:164 Resp: 363917

Ion Ratio Lower Upper

164 100

162 101.0 82.9 124.3

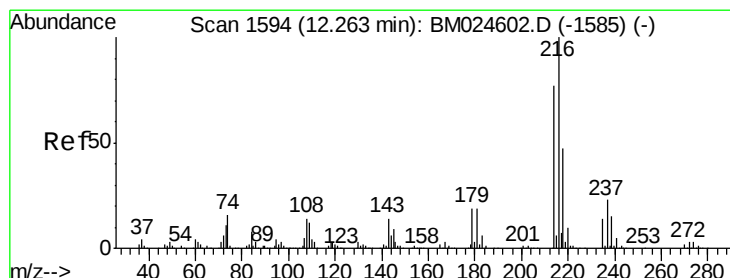
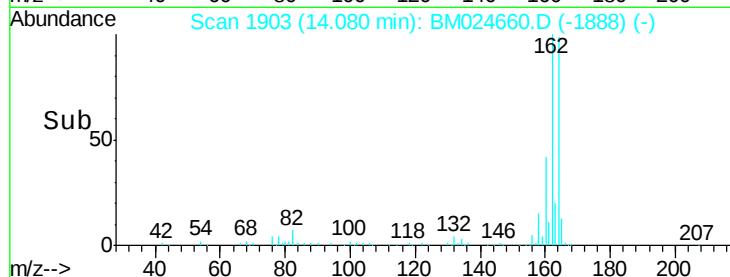
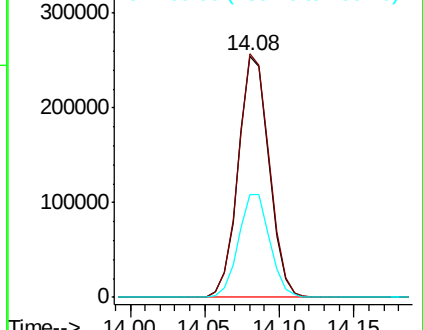
160 42.6 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.390 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:216 Resp: 615517

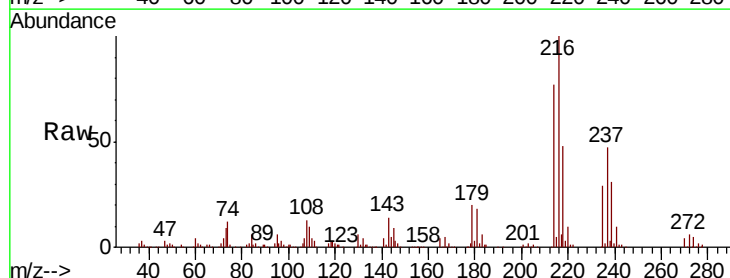
Ion Ratio Lower Upper

216 100

214 77.5 62.3 93.5

179 19.8 16.1 24.1

108 15.7 13.0 19.6

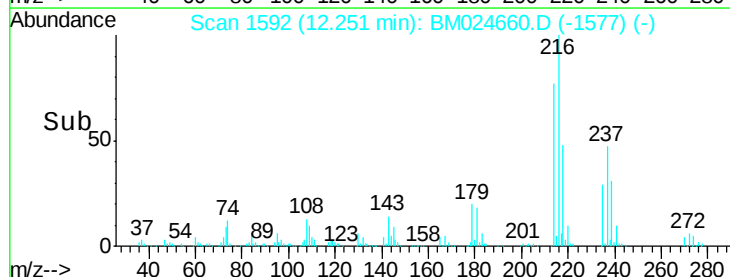
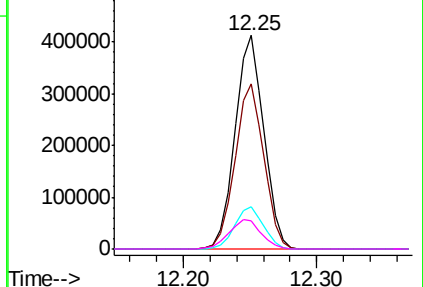


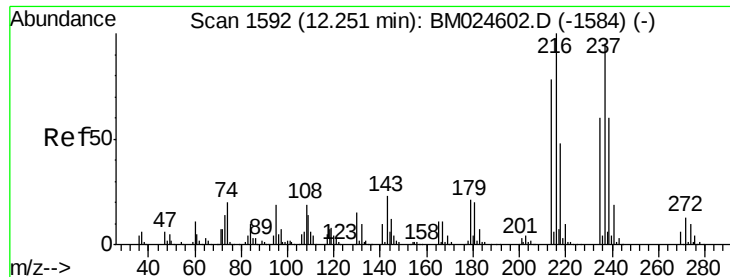
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 111.017 ng

RT: 12.24 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

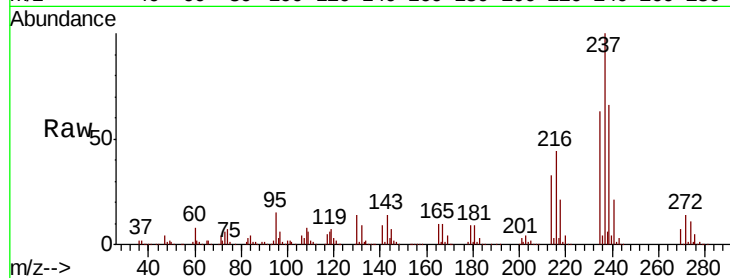
Tot Ion:237 Resp: 808218

Ion Ratio Lower Upper

237 100

235 62.8 43.3 83.3

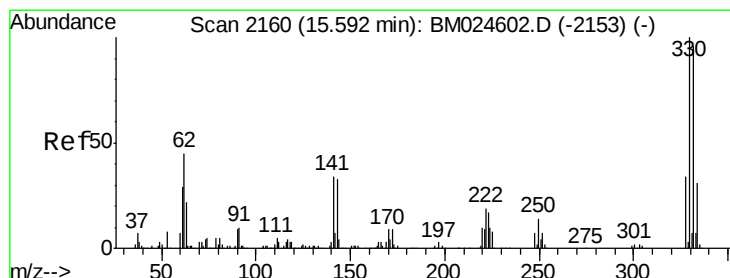
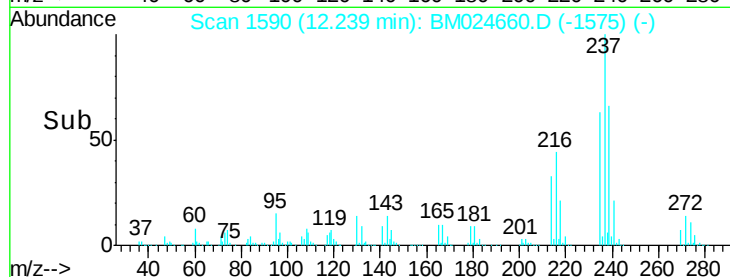
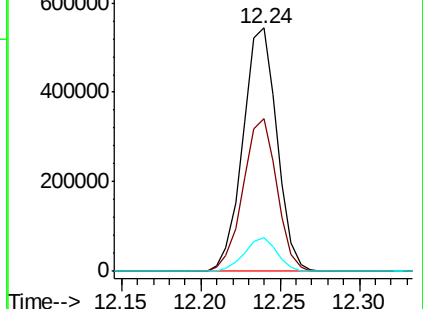
272 13.9 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.354 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

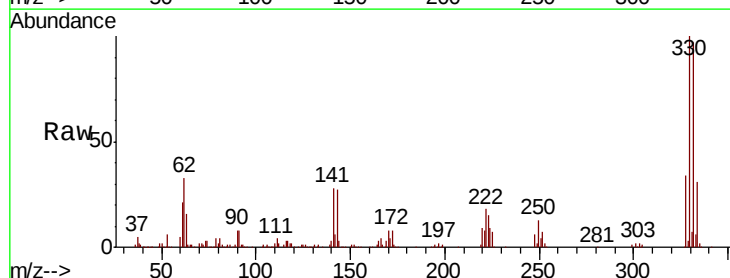
Tgt Ion:330 Resp: 517106

Ion Ratio Lower Upper

330 100

332 97.8 77.2 115.8

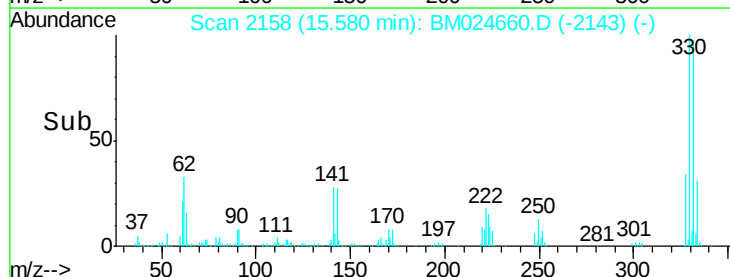
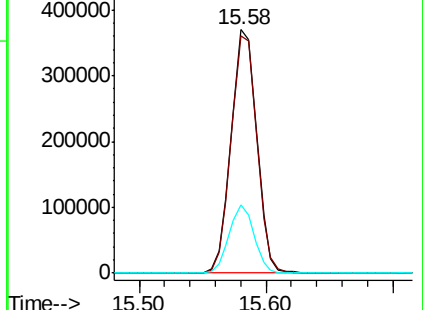
141 27.4 26.9 40.3

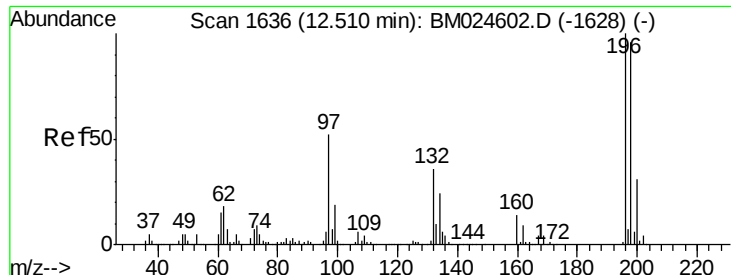


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

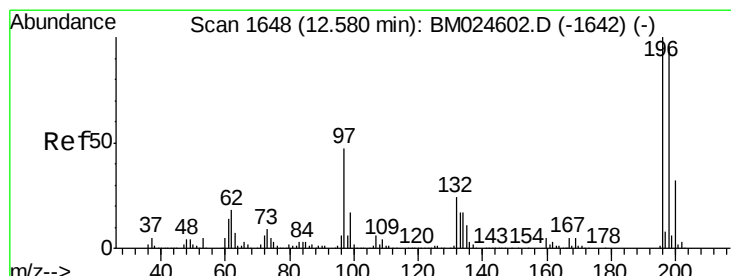
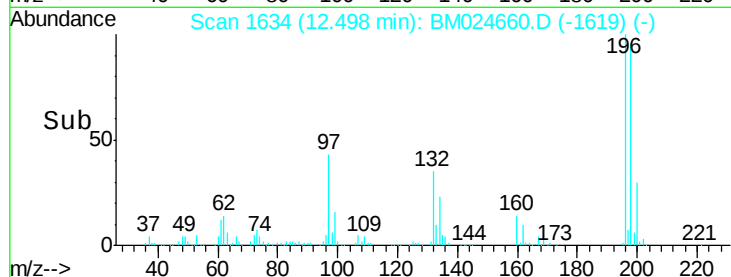
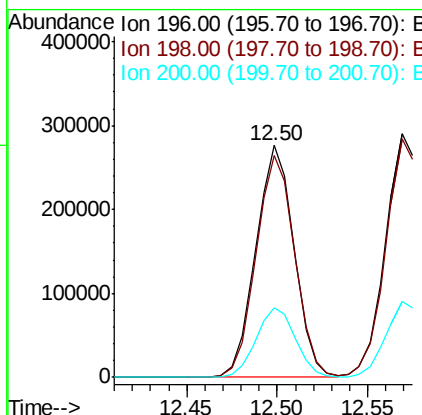
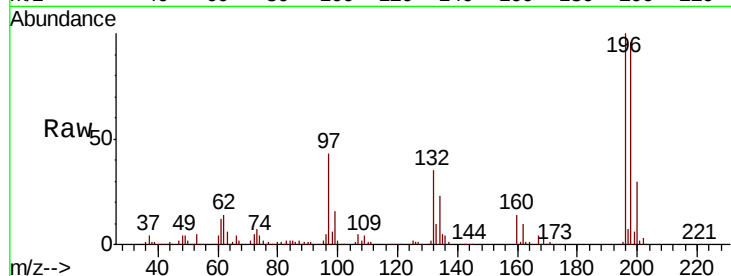




#43
 2,4,6-Trichlorophenol
 Concen: 49.029 ng
 RT: 12.50 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

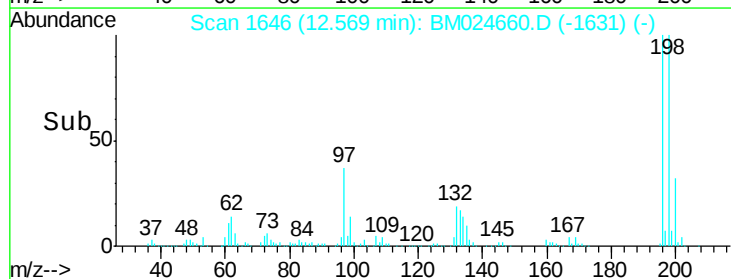
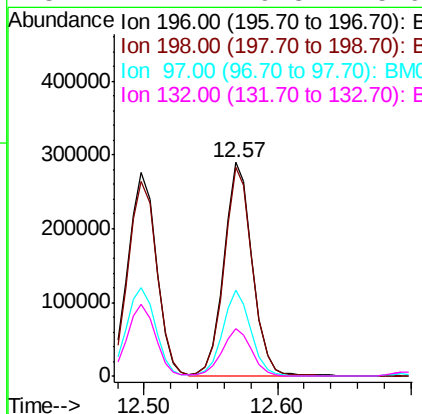
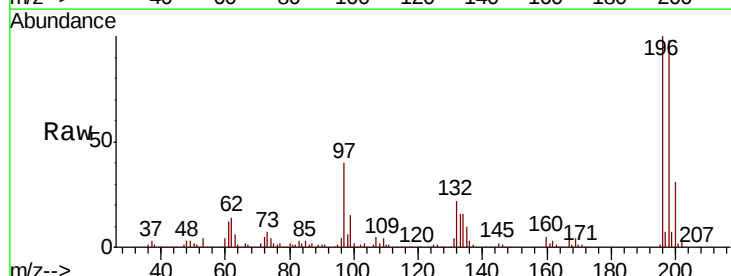
Instrument :
 BNA_M
 ClientSampleId :

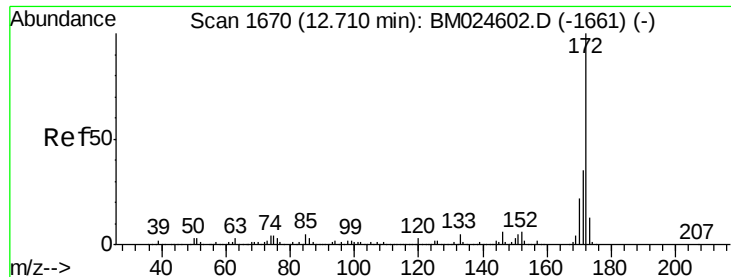
Tot Ion:196 Resp: 405234
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.5 114.7
 200 29.8 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 50.530 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion:196 Resp: 426520
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.2 115.8
 97 39.9 37.4 56.0
 132 22.4 19.3 28.9

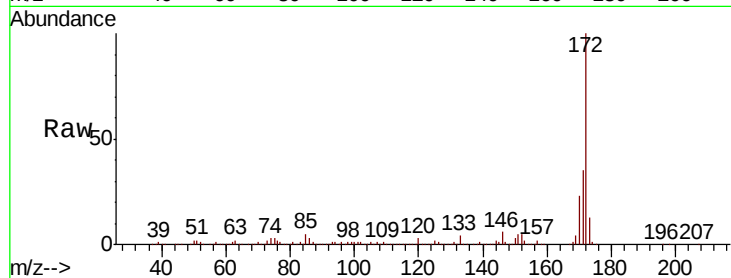




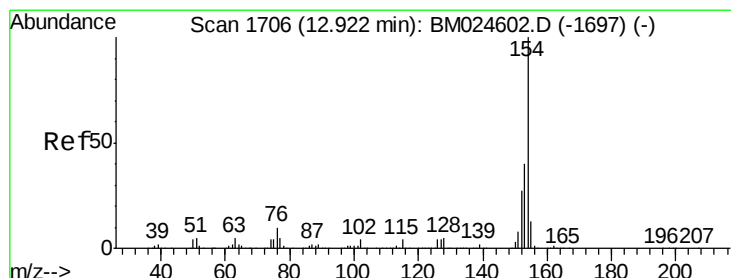
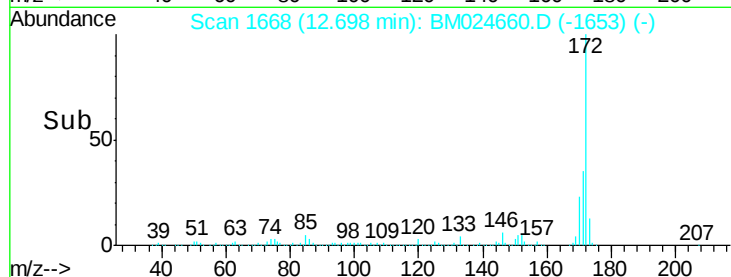
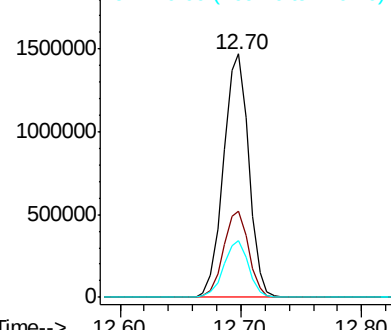
#45
2-Fluorobiphenyl
Concen: 80.448 ng
RT: 12.70 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2153459
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.1 17.9 26.9

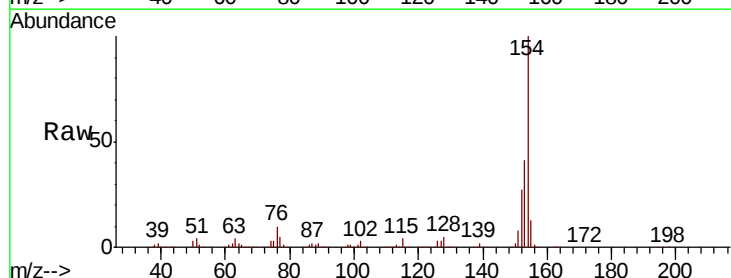


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

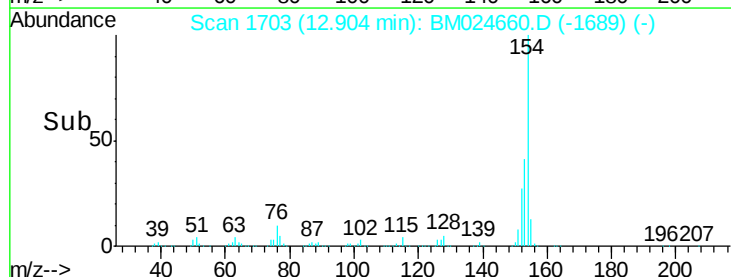
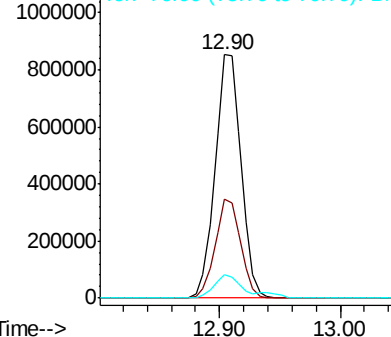


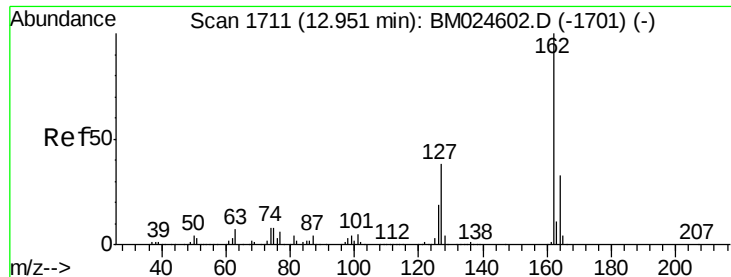
#46
1,1'-Biphenyl
Concen: 46.241 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:154 Resp: 1273483
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 9.5 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0

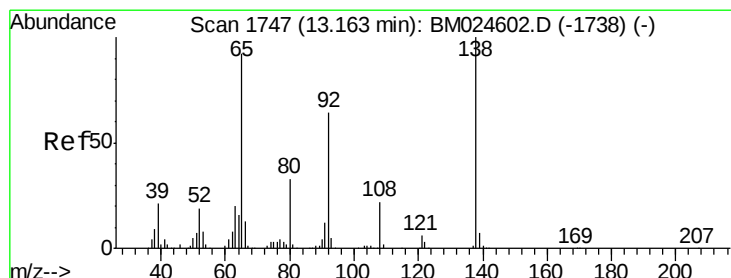
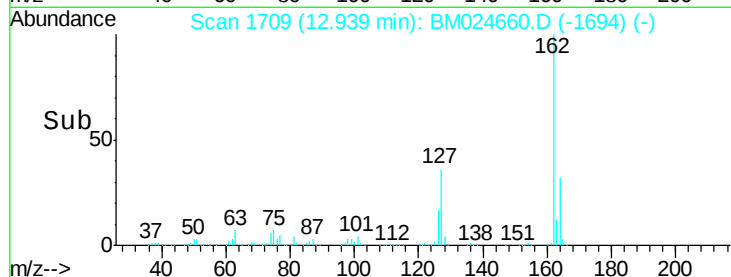
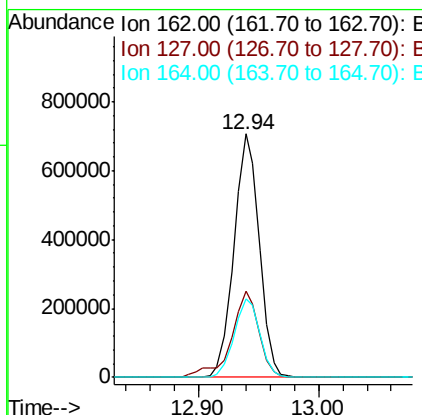
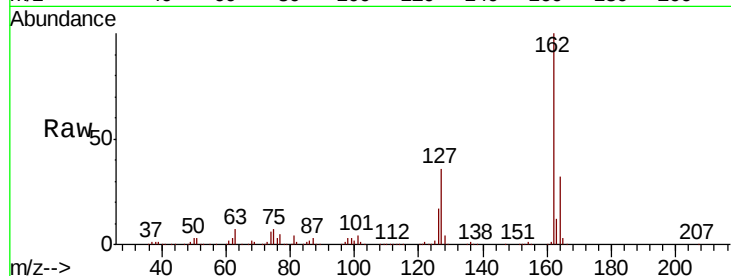




#47
 2-Chloronaphthalene
 Concen: 46.362 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

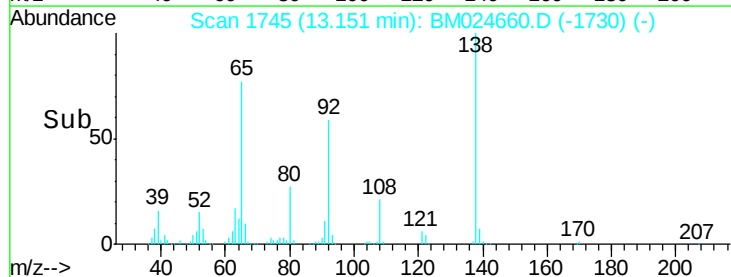
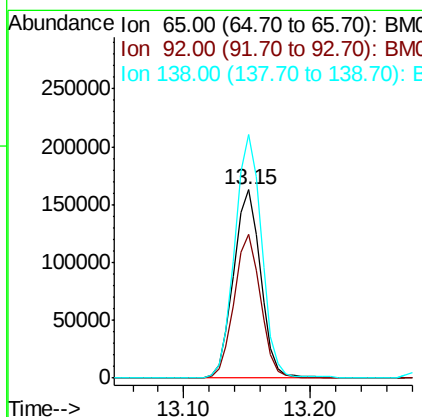
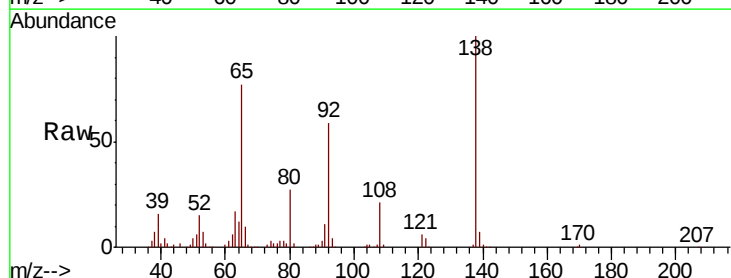
Instrument :
 BNA_M
 ClientSampleId :

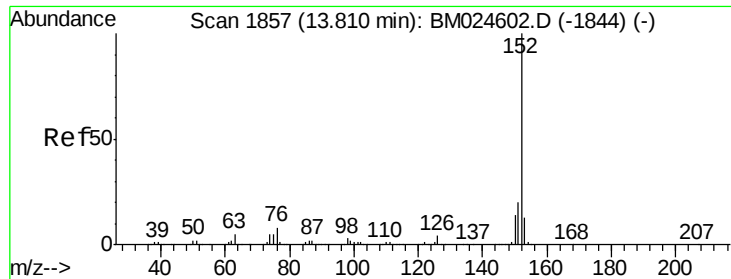
Tot Ion:162 Resp: 1030778
 Ion Ratio Lower Upper
 162 100
 127 35.5 30.4 45.6
 164 32.5 26.5 39.7



#48
 2-Nitroaniline
 Concen: 35.589 ng
 RT: 13.15 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion: 65 Resp: 241329
 Ion Ratio Lower Upper
 65 100
 92 76.2 55.4 83.2
 138 129.2 86.6 129.8





#49

Acenaphthylene

Concen: 48.368 ng

RT: 13.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

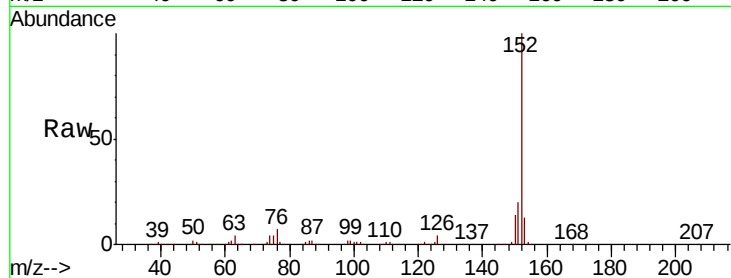
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 1609862

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.2	10.4	15.6

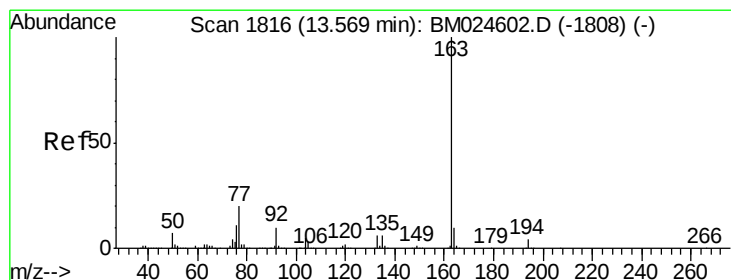
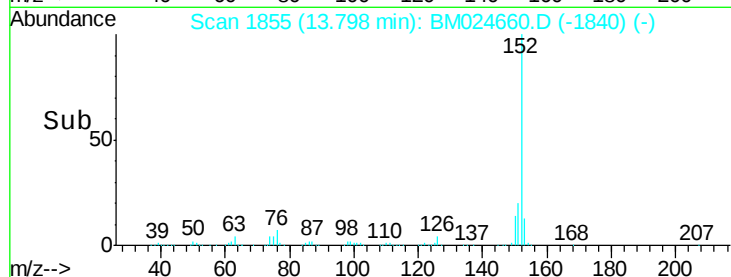
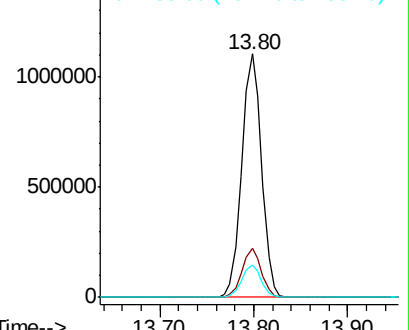


Abundance

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: 43.291 ng

RT: 13.56 min Scan# 1814

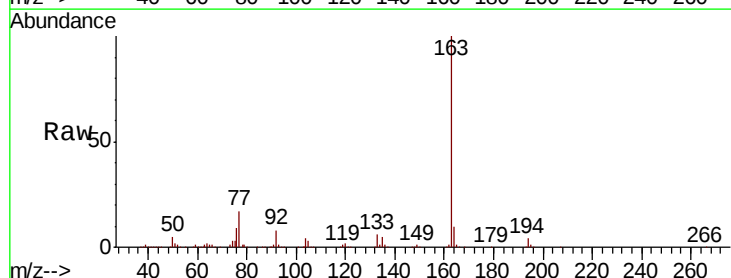
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:163 Resp: 1273923

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.9	8.0	12.0

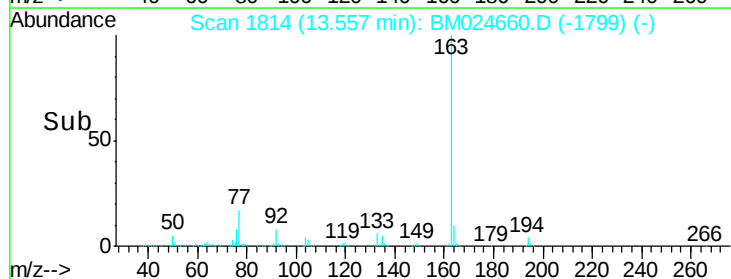
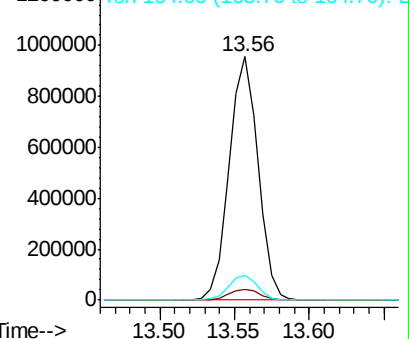


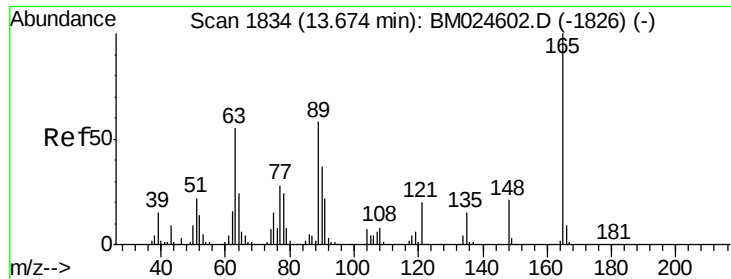
Abundance

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: 46.143 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

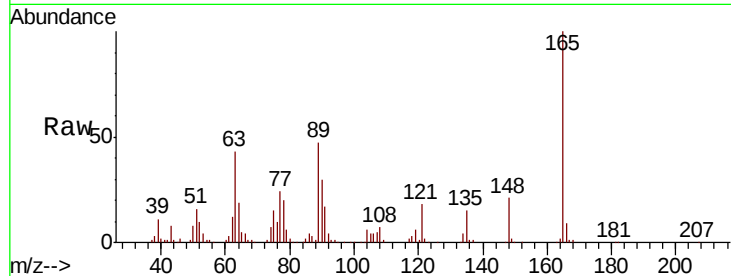
Tot Ion:165 Resp: 288689

Ion Ratio Lower Upper

165 100

63 43.2 45.4 68.0#

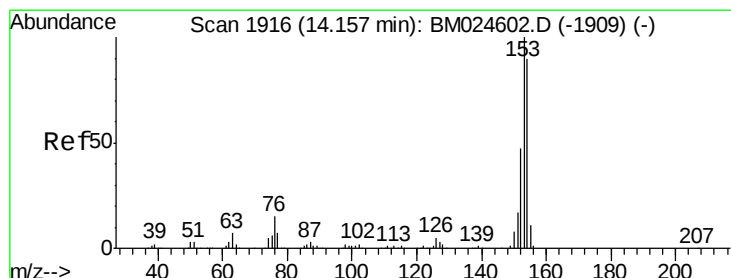
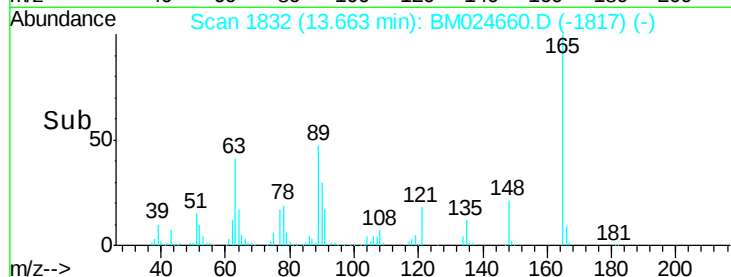
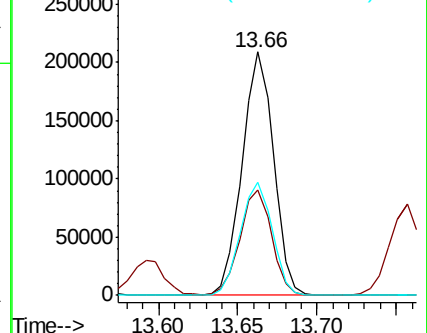
89 46.7 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 45.843 ng

RT: 14.15 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

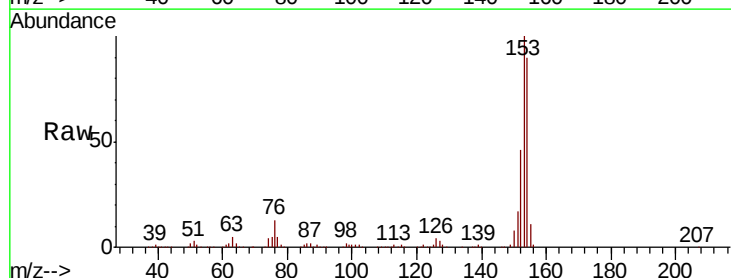
Tgt Ion:154 Resp: 946819

Ion Ratio Lower Upper

154 100

153 110.9 89.1 133.7

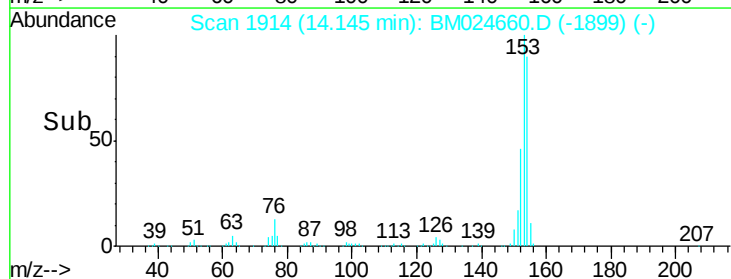
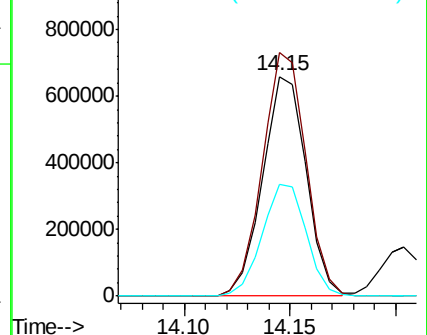
152 50.7 41.9 62.9

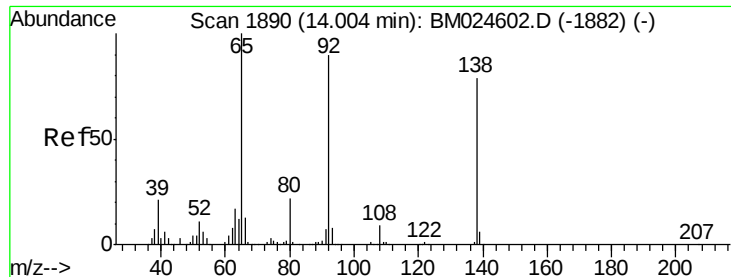


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.069 ng

RT: 13.99 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

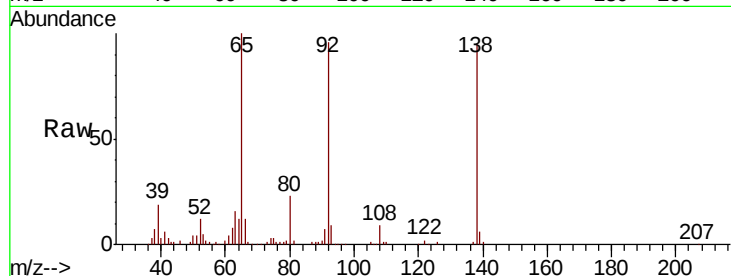
Tot Ion:138 Resp: 182139

Ion Ratio Lower Upper

138 100

108 9.7 8.7 13.1

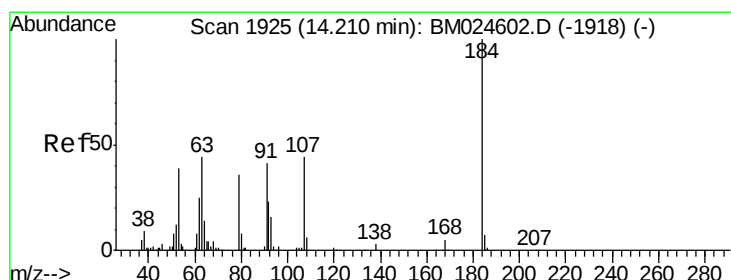
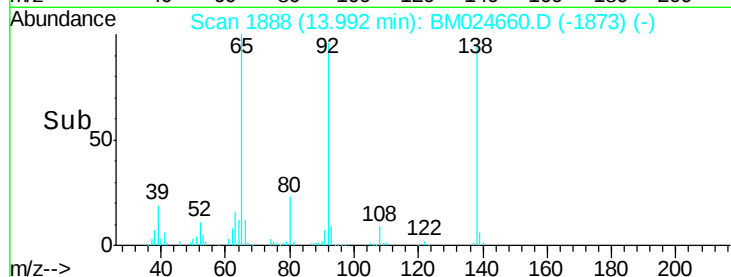
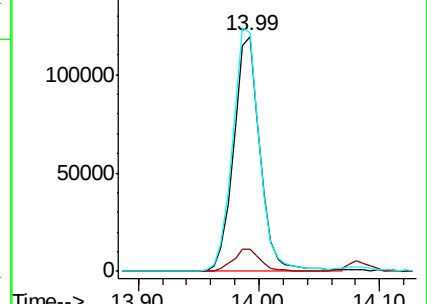
92 101.4 91.0 136.4



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): E



#54

2,4-Dinitrophenol

Concen: 96.267 ng

RT: 14.20 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

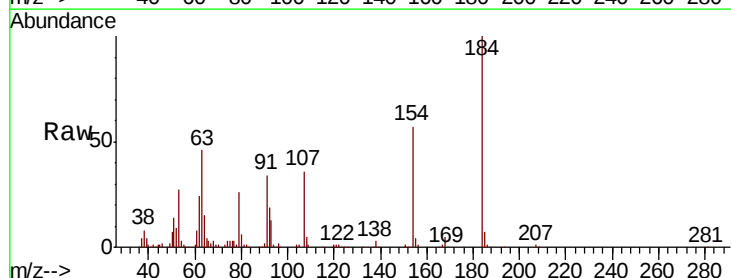
Tgt Ion:184 Resp: 360165

Ion Ratio Lower Upper

184 100

63 46.2 51.8 77.8#

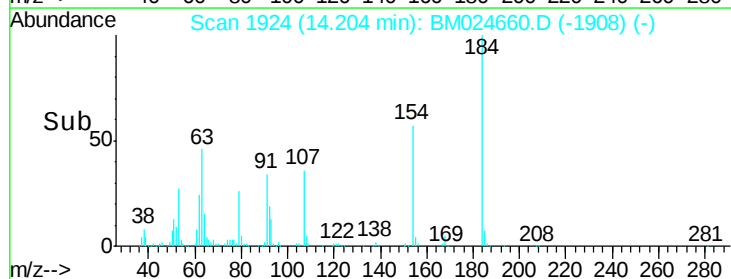
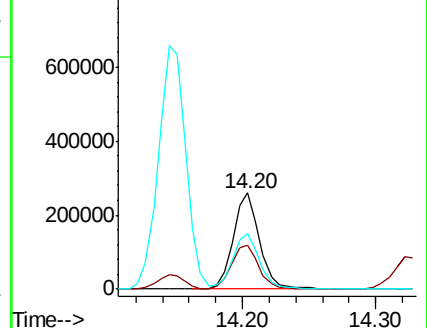
154 57.2 50.2 75.4

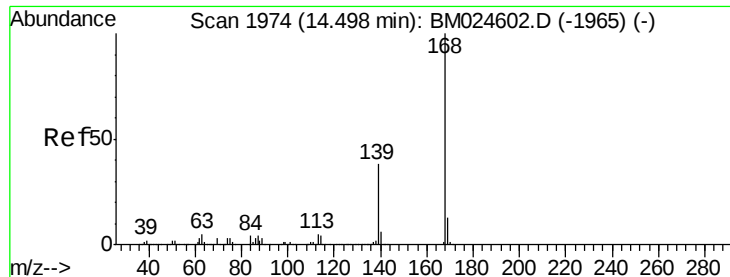


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

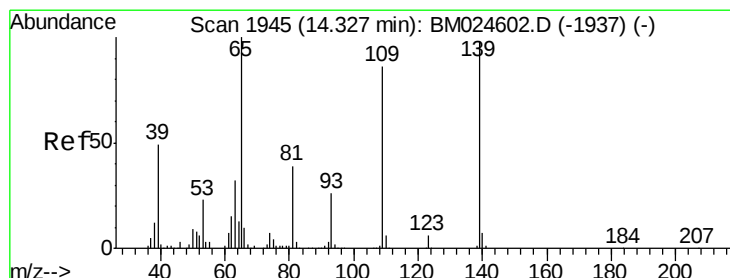
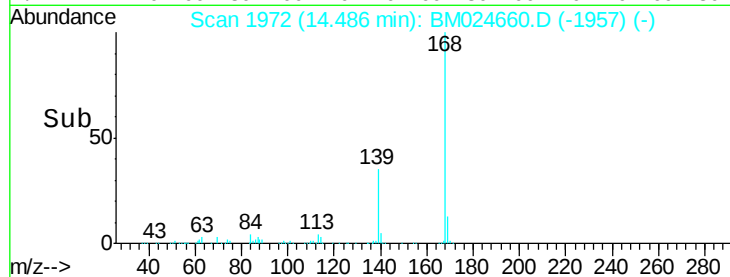
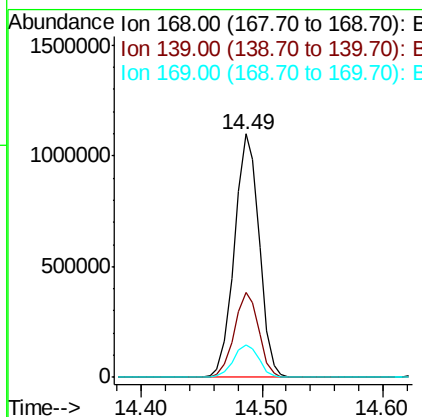
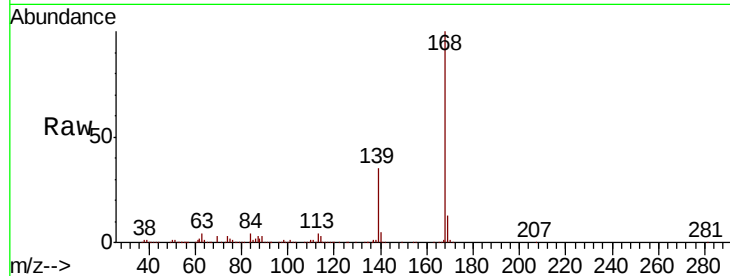




#55
Dibenzenofuran
Concen: 46.686 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

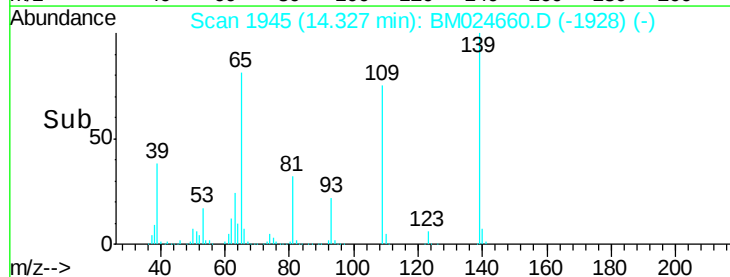
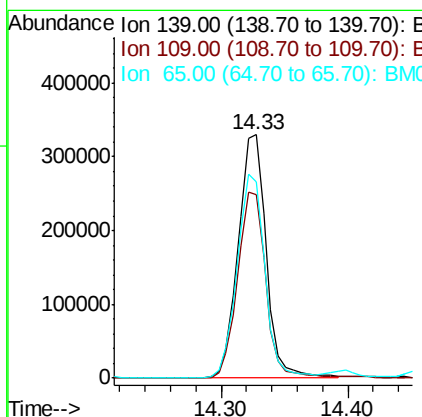
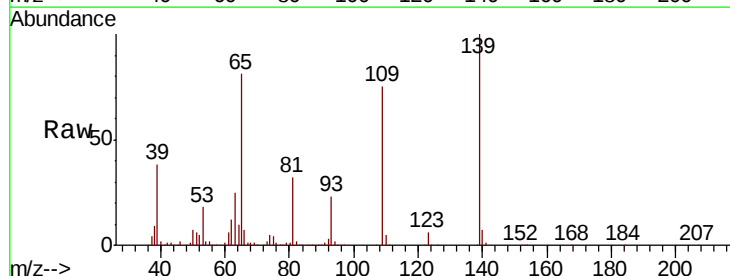
Instrument :
BNA_M
ClientSampled :

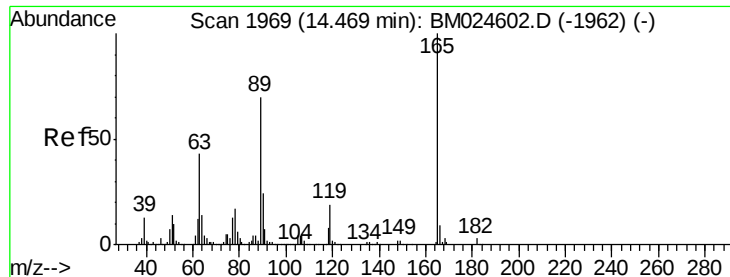
Tot Ion:168 Resp: 1572542
Ion Ratio Lower Upper
168 100
139 35.0 30.2 45.4
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 99.724 ng
RT: 14.33 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:139 Resp: 505837
Ion Ratio Lower Upper
139 100
109 75.5 67.4 107.4
65 80.8 82.1 122.1#

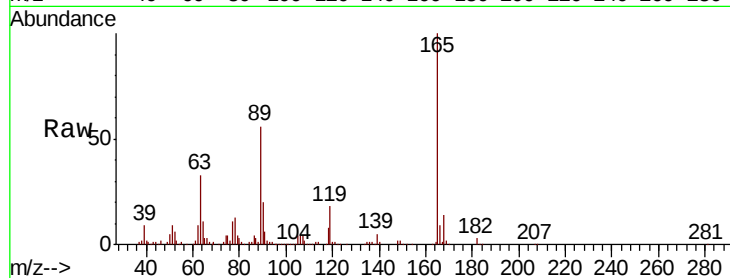




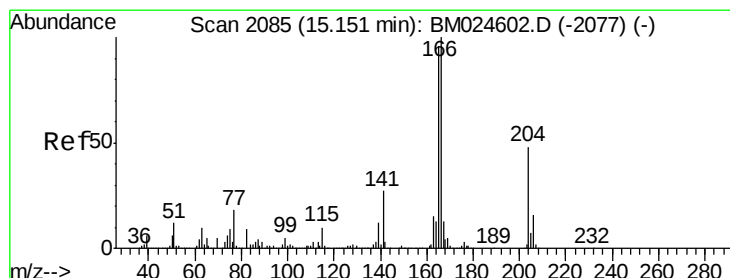
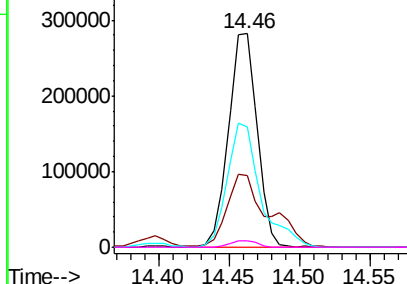
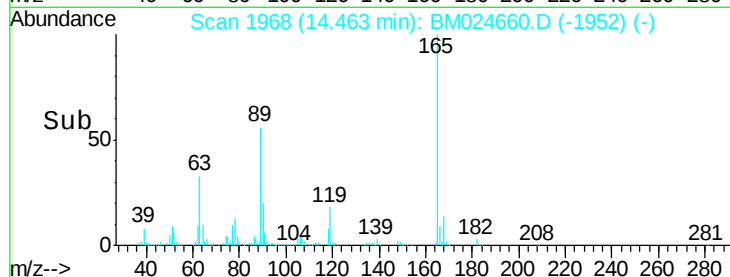
#57
2,4-Dinitrotoluene
Concen: 44.615 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 400043
Ion Ratio Lower Upper
165 100
63 33.5 34.5 51.7#
89 56.3 55.8 83.8
182 3.2 2.3 3.5

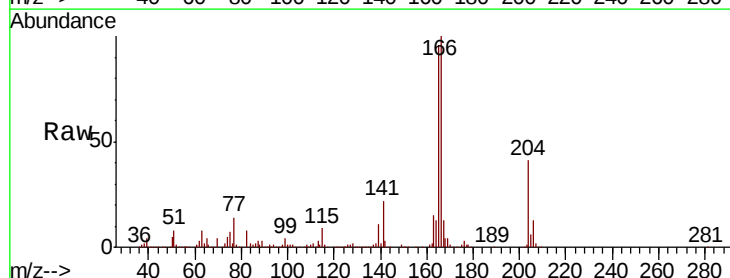


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

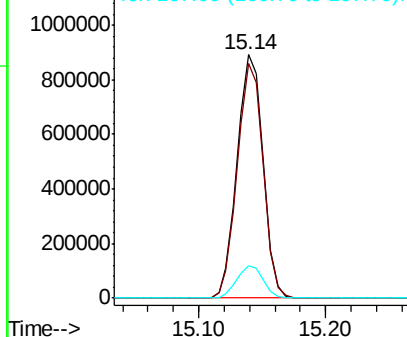
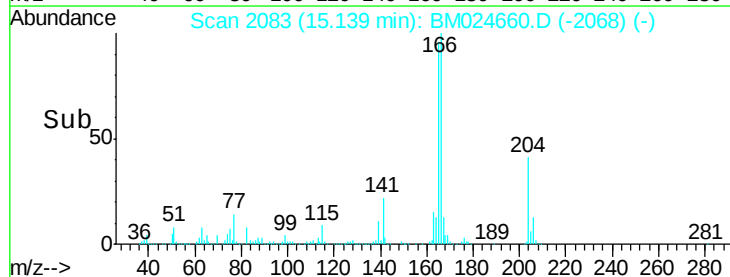


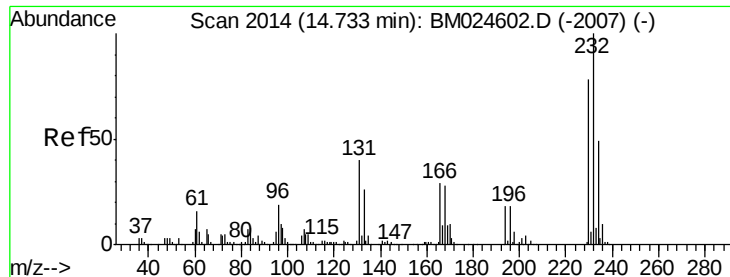
#58
Fluorene
Concen: 44.460 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:166 Resp: 1258513
Ion Ratio Lower Upper
166 100
165 96.3 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

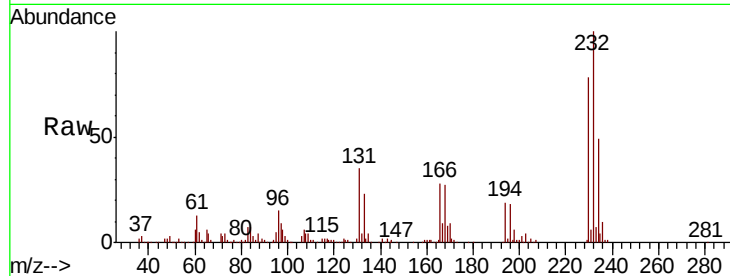




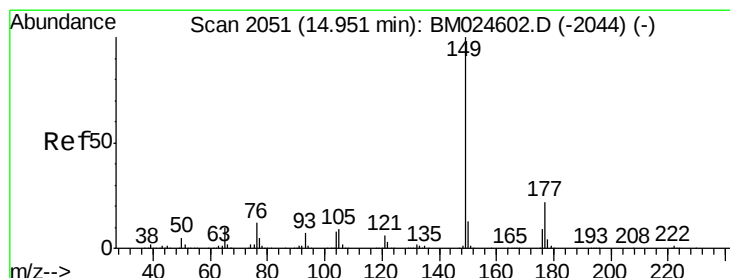
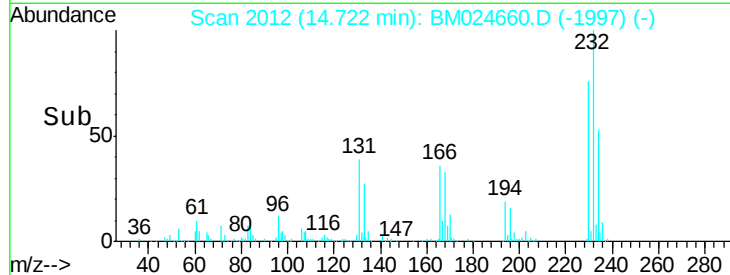
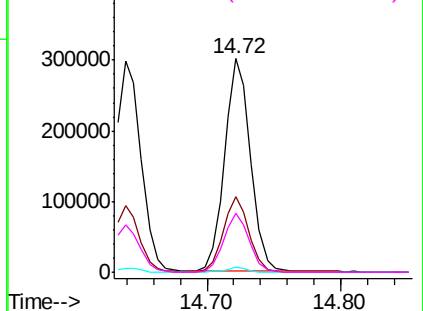
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.498 ng
 RT: 14.72 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 406579
 Ion Ratio Lower Upper
 232 100
 131 34.9 32.2 48.4
 130 1.9 1.9 2.9#
 166 27.8 23.4 35.0

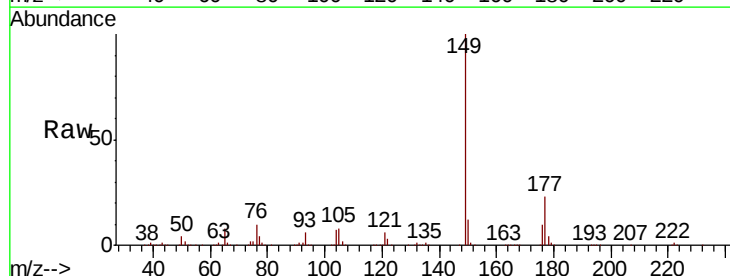


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

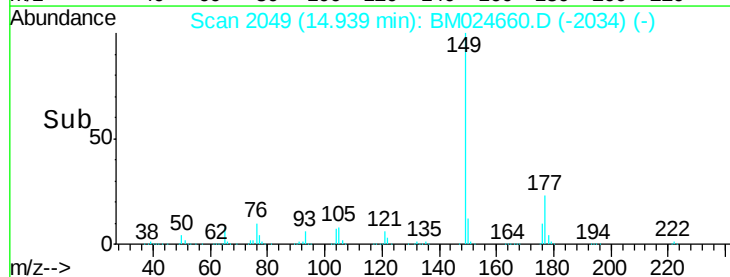
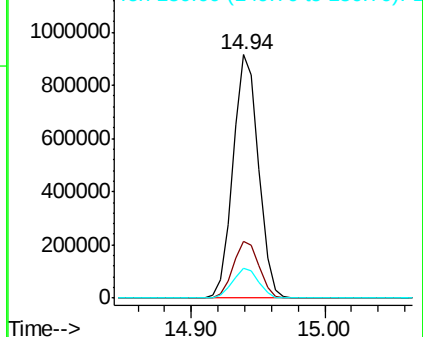


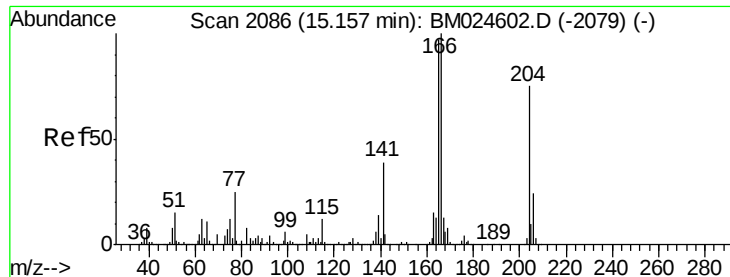
#60
 Diethylphthalate
 Concen: 40.563 ng
 RT: 14.94 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM024660.D
 Acq: 30 Jan 2020 16:10

Tgt Ion:149 Resp: 1211834
 Ion Ratio Lower Upper
 149 100
 177 23.2 18.0 27.0
 150 12.4 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

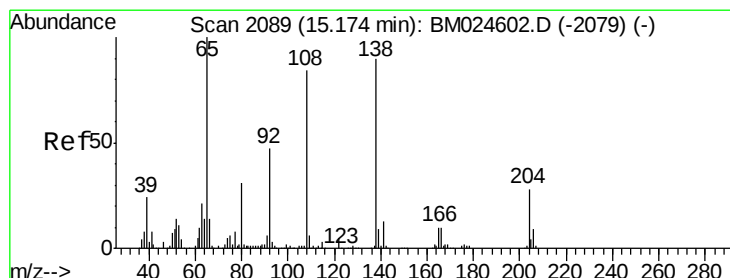
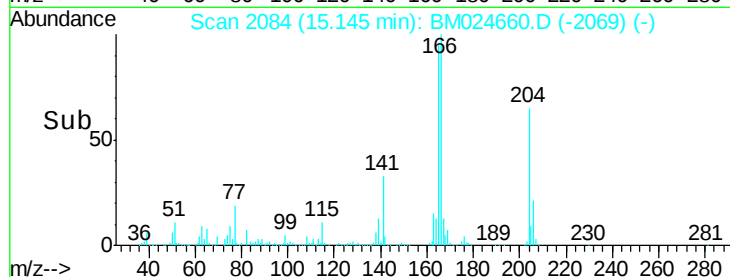
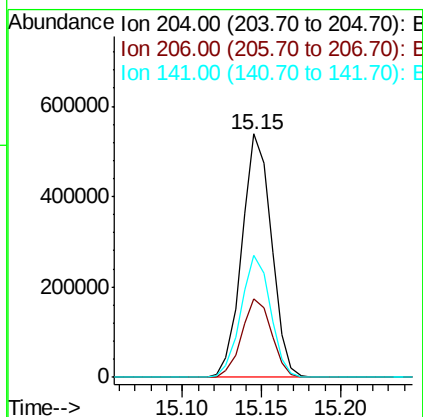
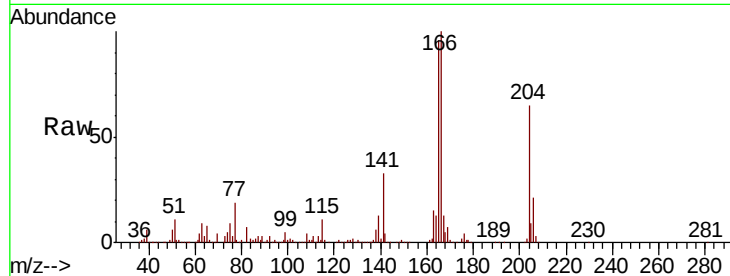




#61
4-Chlorophenyl-phenylether
Concen: 42.703 ng
RT: 15.15 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

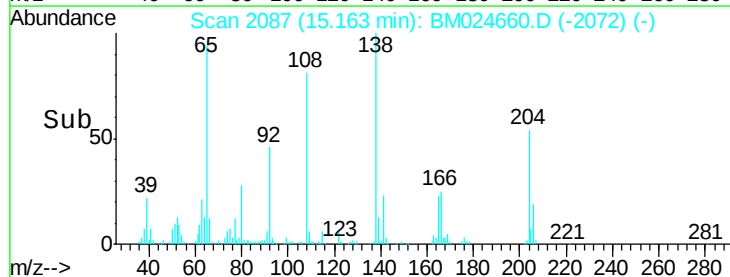
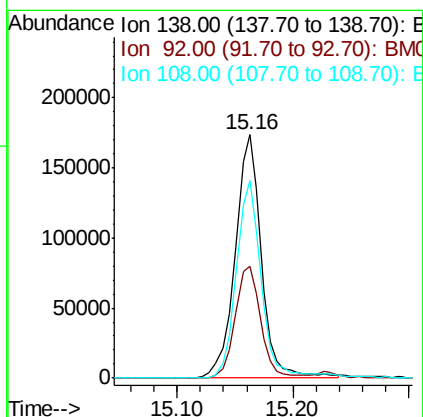
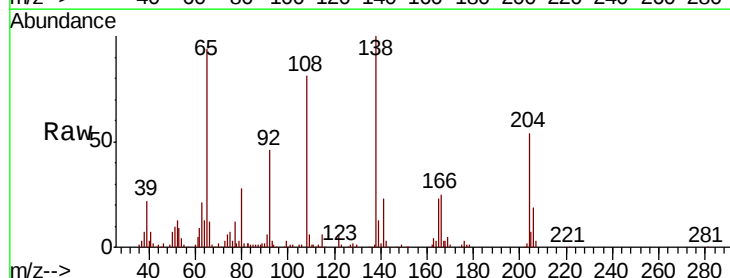
Instrument :
BNA_M
ClientSampleId :

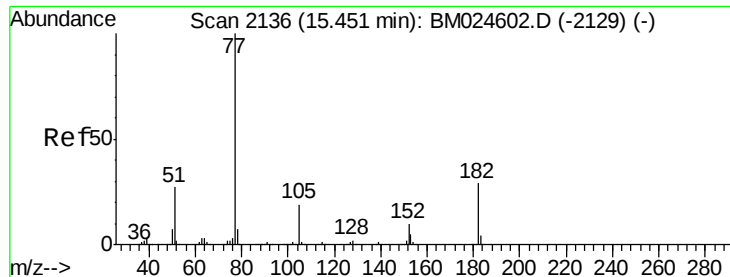
Tot Ion:204 Resp: 696891
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 49.9 42.2 63.2



#62
4-Nitroaniline
Concen: 37.996 ng
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:138 Resp: 272152
Ion Ratio Lower Upper
138 100
92 45.8 32.4 72.4
108 81.3 73.3 113.3

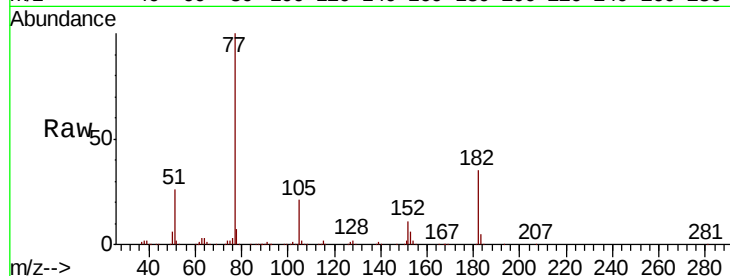




#63
Azobenzene
Concen: 37.129 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	946173
Ion	Ratio	Lower	Upper
77	100		
182	34.6	8.7	48.7
105	21.4	0.0	39.2
51	25.7	7.5	47.5

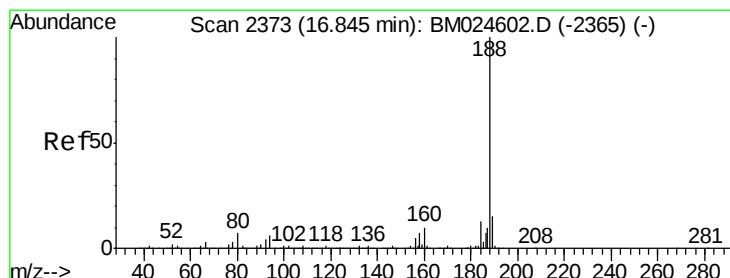
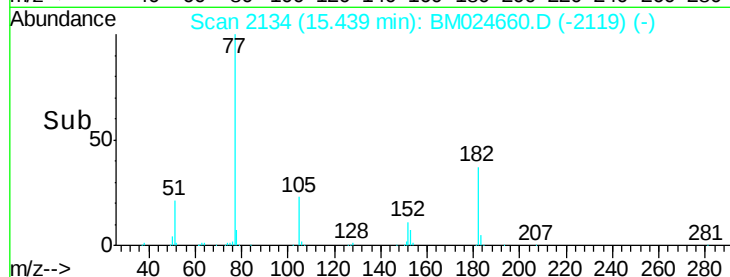
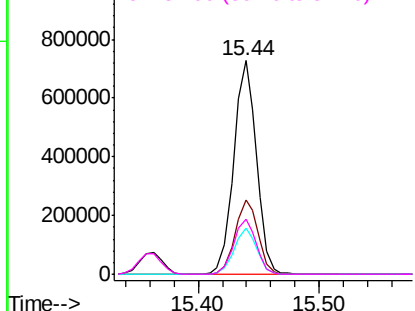


Abundance Ion 77.00 (76.70 to 77.70): BM024660.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024660.D (-2119) (-)

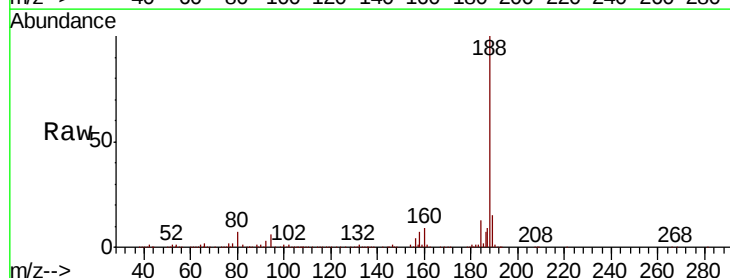
Ion 105.00 (104.70 to 105.70): BM024660.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024660.D (-2119) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

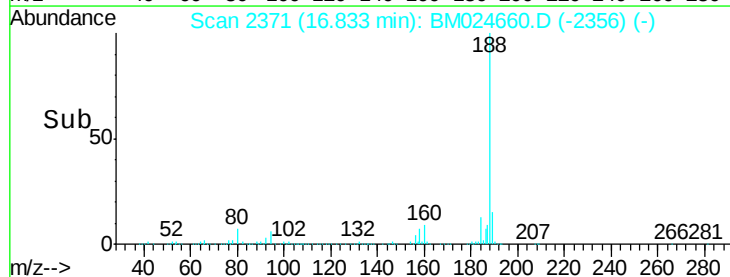
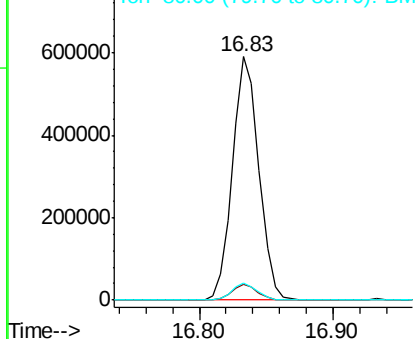
Tgt Ion:	188	Resp:	813980
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.6
80	7.2	5.8	8.8

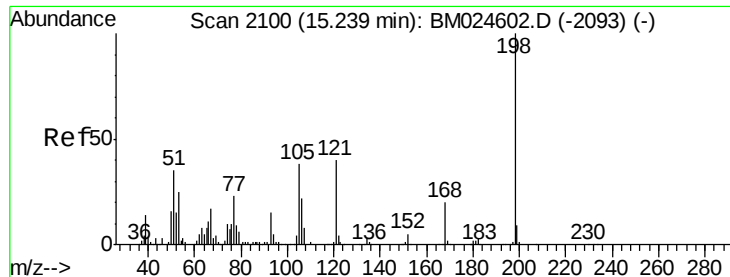


Abundance Ion 188.00 (187.70 to 188.70): BM024660.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024660.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024660.D (-2356) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 53.248 ng

RT: 15.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

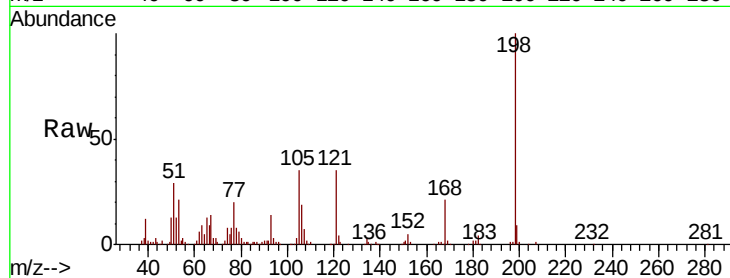
Instrument :

BNA_M

ClientSampled :

Tot Ion:198 Resp: 254848

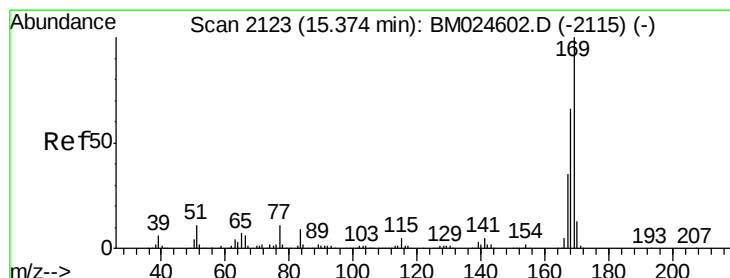
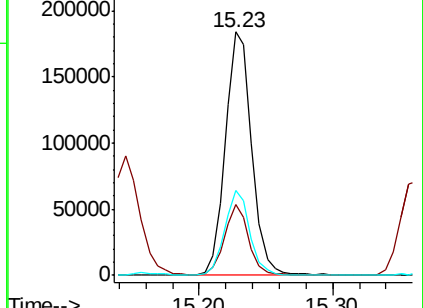
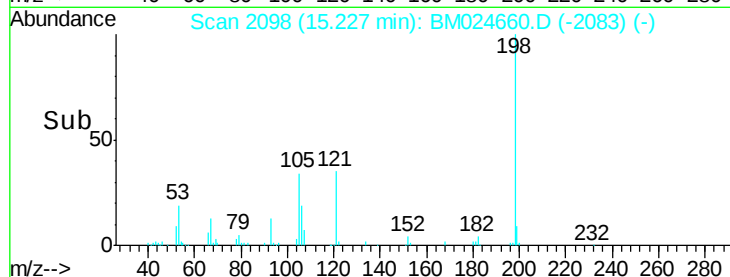
Ion	Ratio	Lower	Upper
198	100		
51	28.9	15.8	55.8
105	34.6	18.5	58.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.947 ng

RT: 15.36 min Scan# 2121

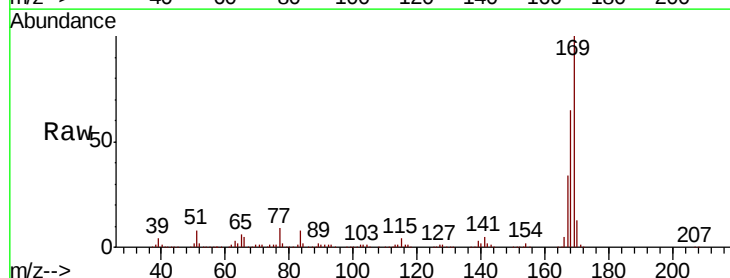
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:169 Resp: 1121067

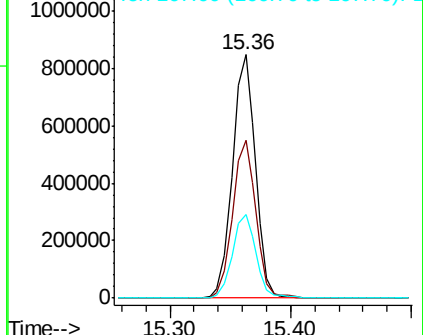
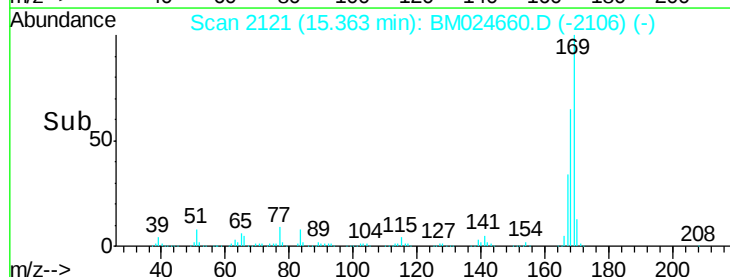
Ion	Ratio	Lower	Upper
169	100		
168	65.0	52.8	79.2
167	34.5	28.2	42.2

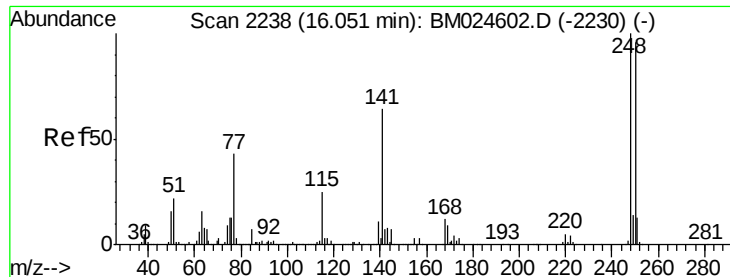


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

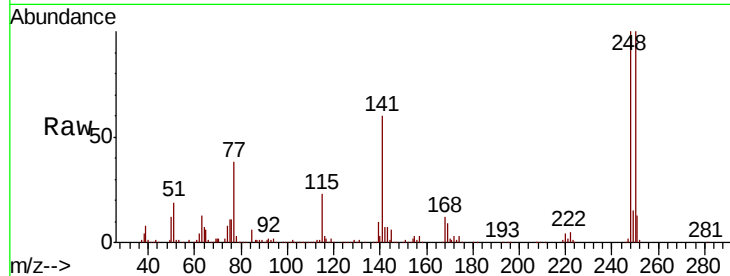




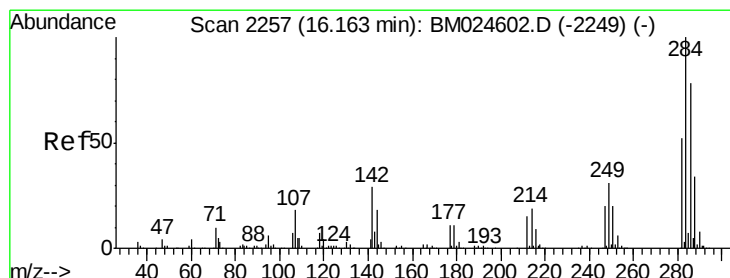
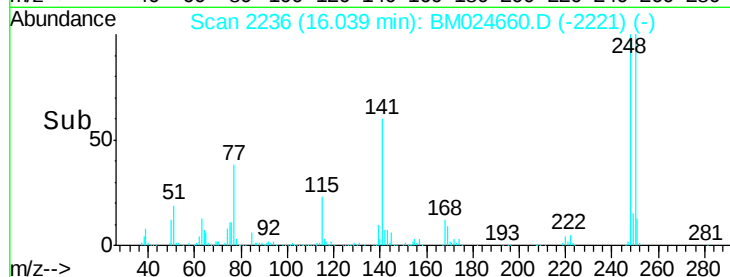
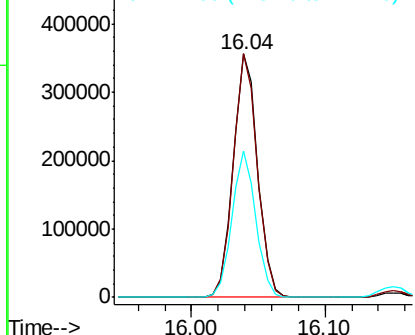
#67
4-Bromophenyl-phenylether
Concen: 44.987 ng
RT: 16.04 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 455382
Ion Ratio Lower Upper
248 100
250 100.1 77.0 115.6
141 60.0 50.9 76.3

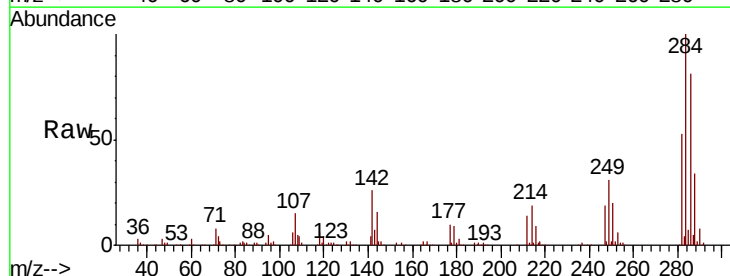


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

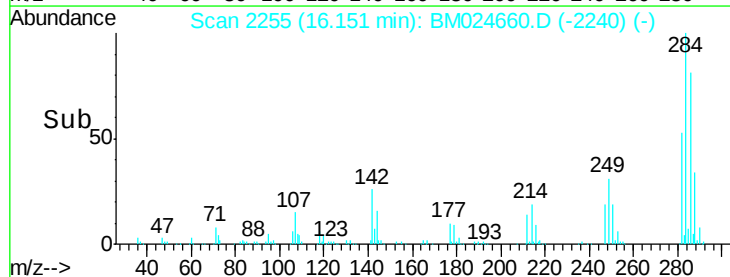
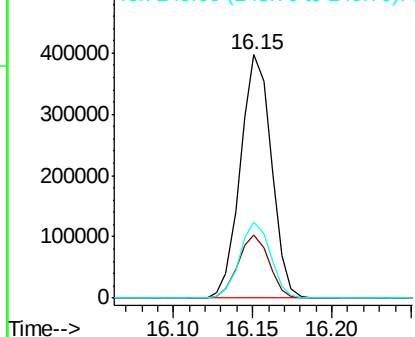


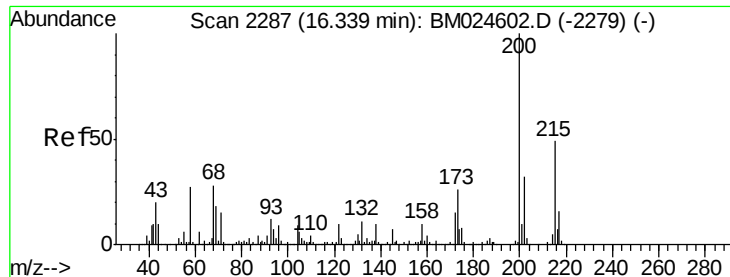
#68
Hexachlorobenzene
Concen: 46.432 ng
RT: 16.15 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:284 Resp: 539357
Ion Ratio Lower Upper
284 100
142 26.2 23.5 35.3
249 31.1 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: 48.856 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampled :

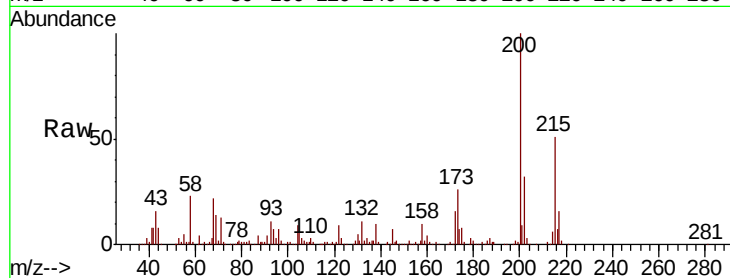
Tot Ion:200 Resp: 438486

Ion Ratio Lower Upper

200 100

173 26.1 5.5 45.5

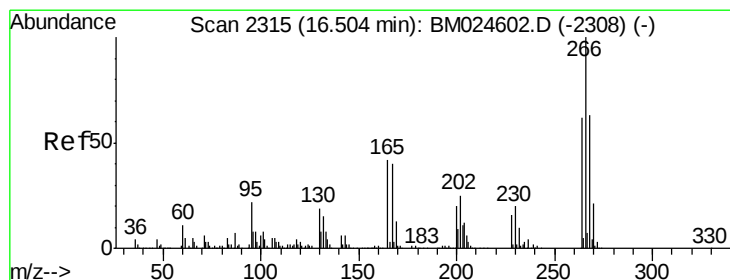
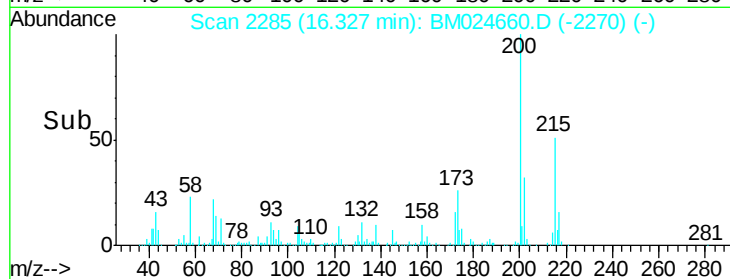
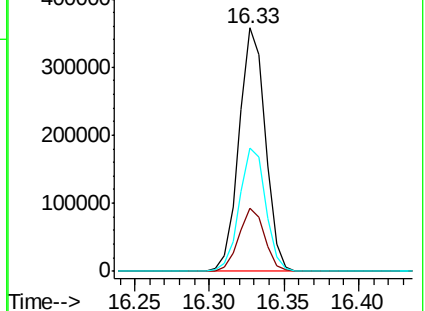
215 50.6 29.4 69.4



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: 100.533 ng

RT: 16.50 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

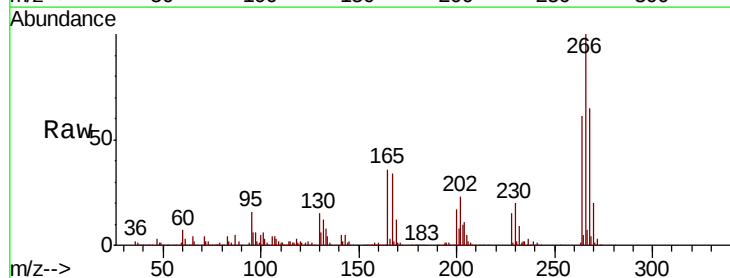
Tgt Ion:266 Resp: 711326

Ion Ratio Lower Upper

266 100

268 64.8 50.4 75.6

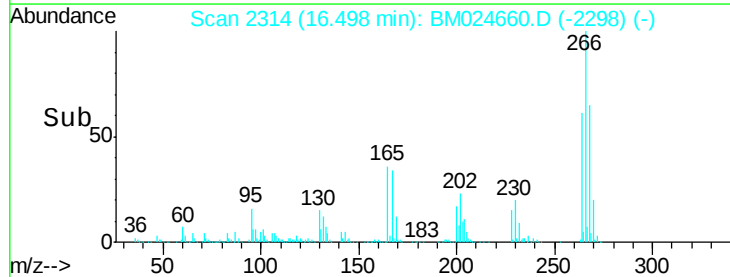
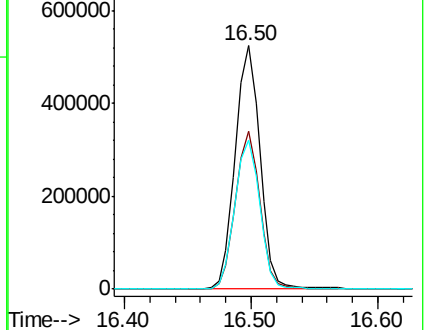
264 61.4 49.9 74.9

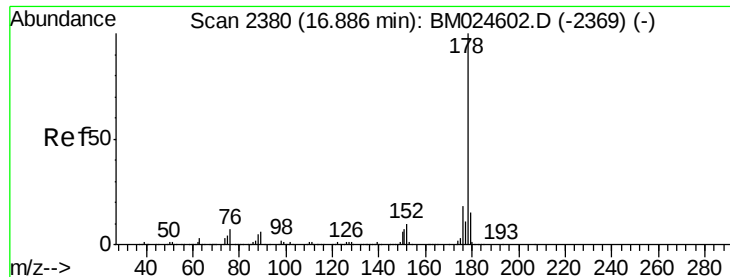


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

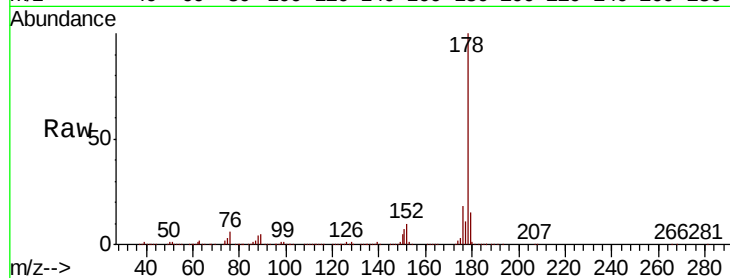




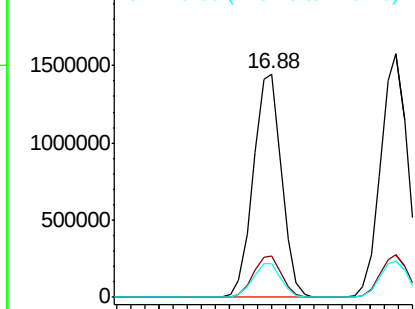
#71
Phenanthrene
Concen: 46.349 ng
RT: 16.88 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :

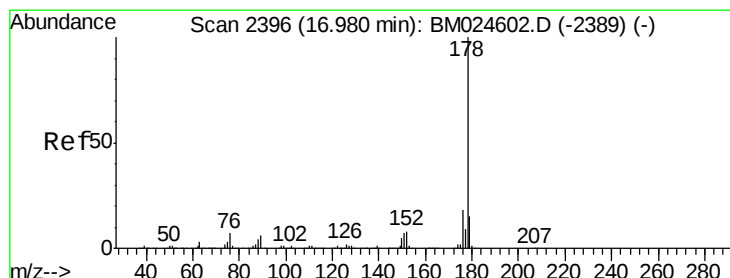
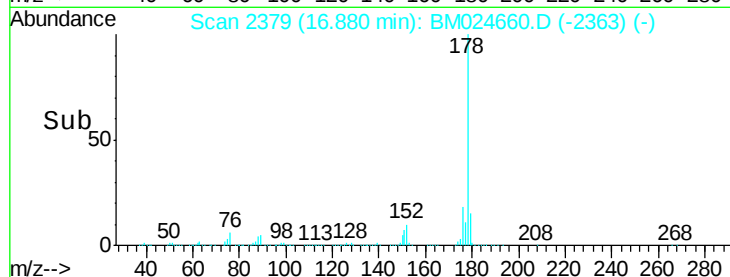
Tot Ion:178 Resp: 2043003
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.1 11.9 17.9



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

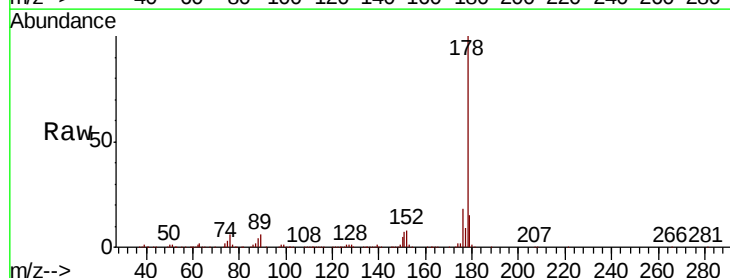


Time-->

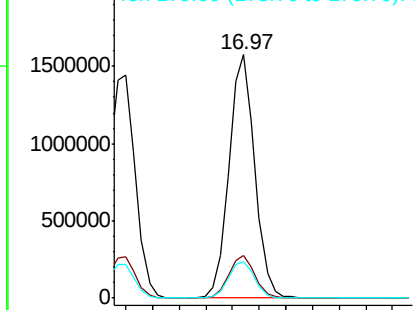


#72
Anthracene
Concen: 49.038 ng
RT: 16.97 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

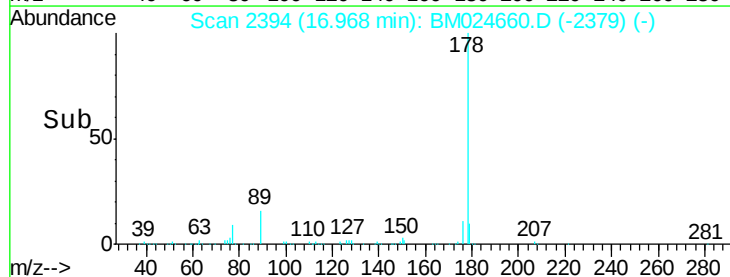
Tgt Ion:178 Resp: 2114998
Ion Ratio Lower Upper
178 100
176 17.8 14.3 21.5
179 14.7 12.1 18.1

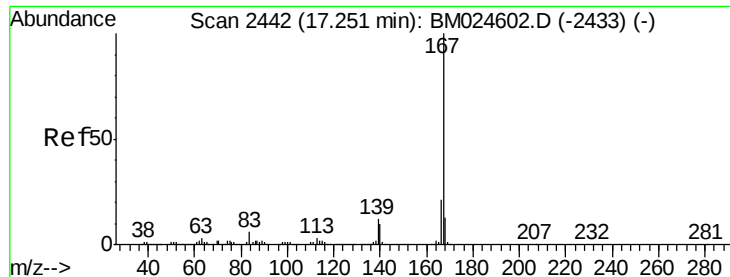


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#73

Carbazole

Concen: 47.611 ng

RT: 17.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

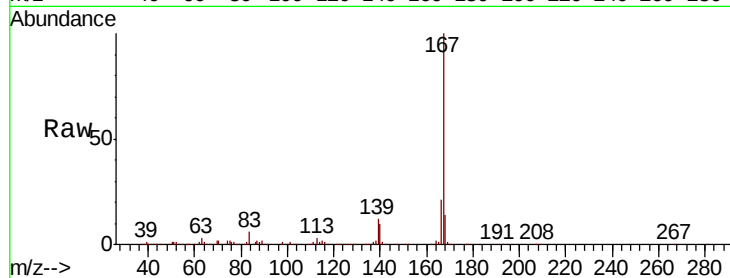
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 1869330

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	11.8	9.8	14.8

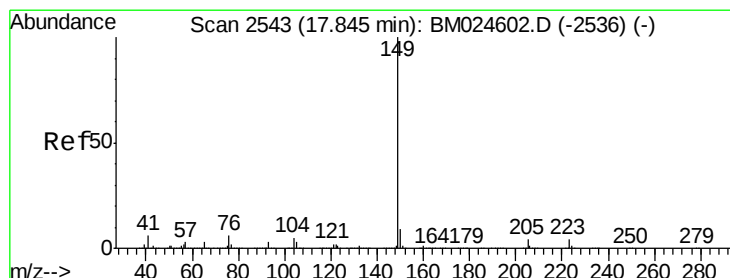
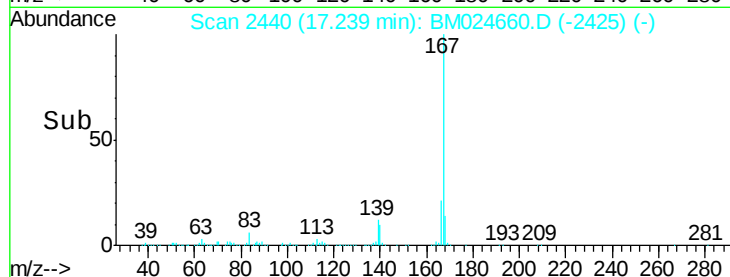
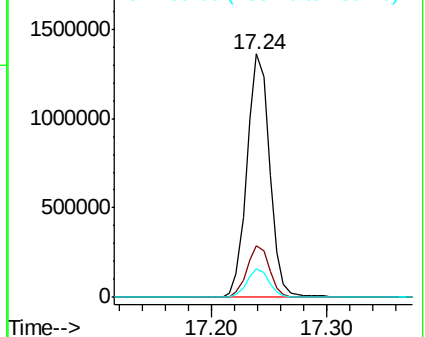


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.164 ng

RT: 17.83 min Scan# 2541

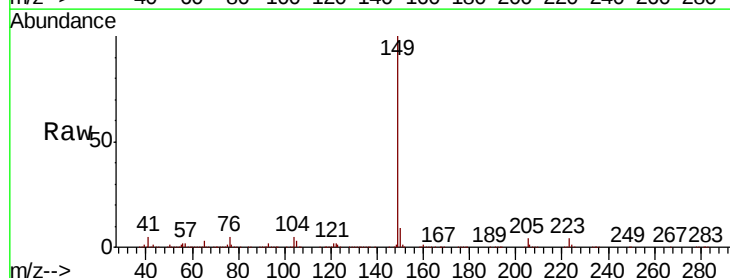
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:149 Resp: 2066195

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.6	4.3	6.5

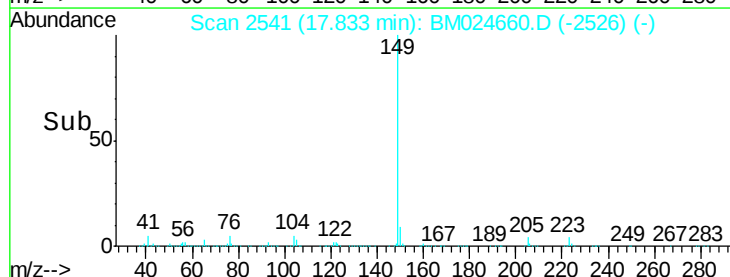
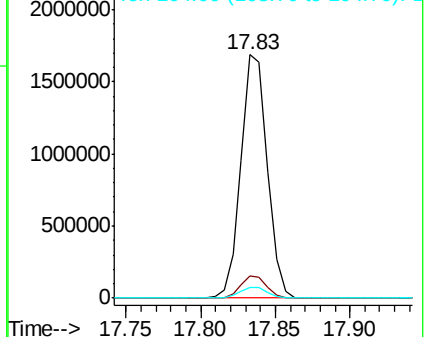


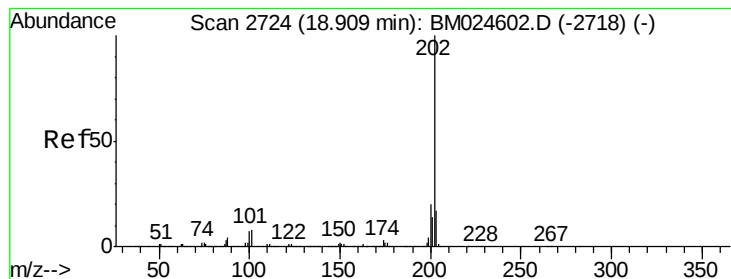
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.745 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampled :

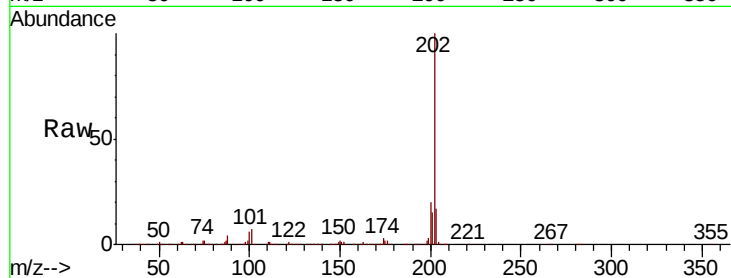
Tot Ion:202 Resp: 2626663

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

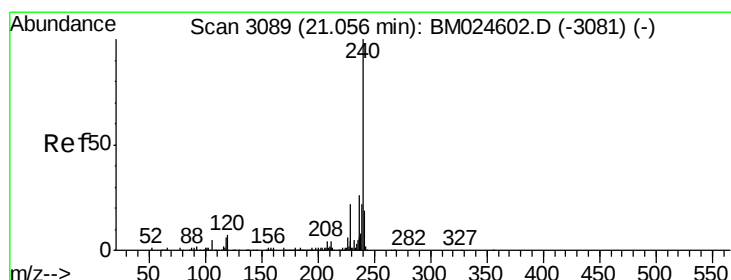
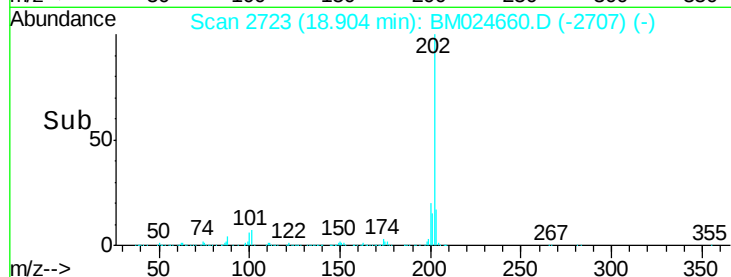
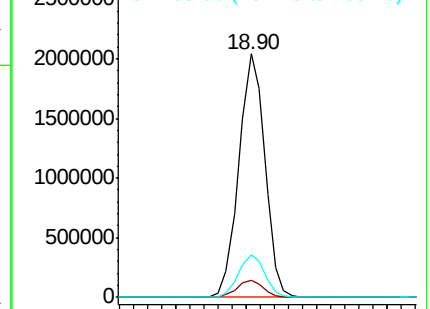
203 17.3 0.0 37.5



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: BM024660.D

Acq: 30 Jan 2020 16:10

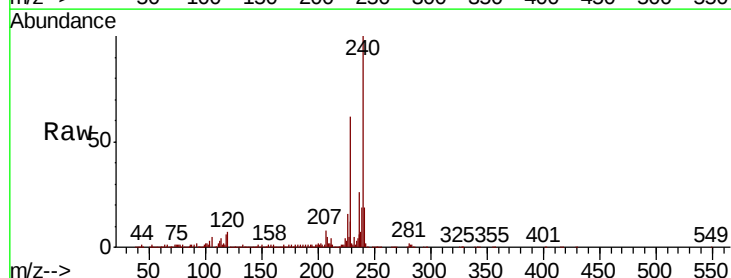
Tgt Ion:240 Resp: 952956

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

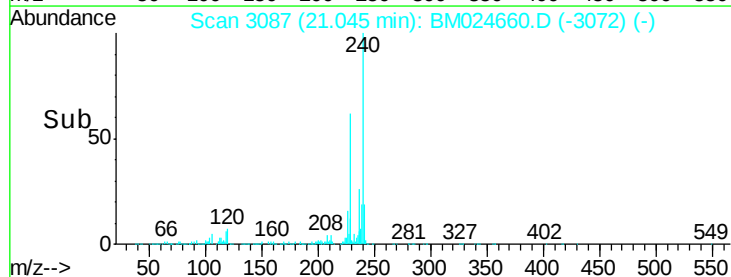
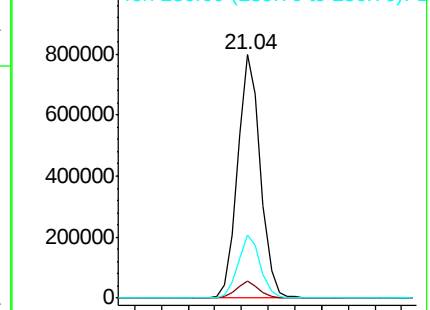
236 25.9 20.6 31.0

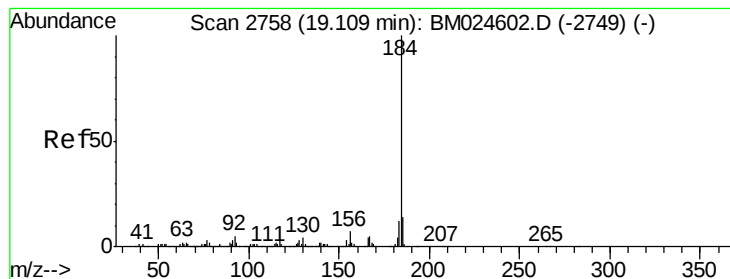


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 81.313 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

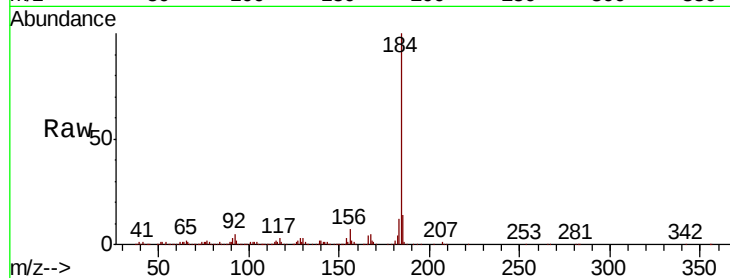
Tot Ion:184 Resp: 1804584

Ion Ratio Lower Upper

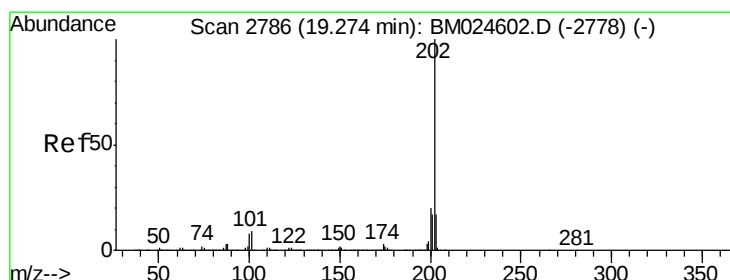
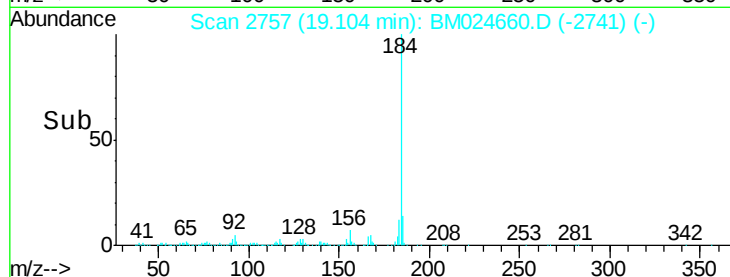
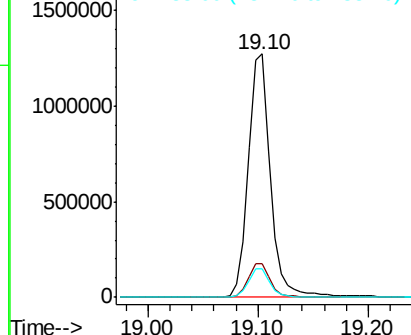
184 100

185 13.7 11.3 16.9

183 11.7 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: 43.660 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

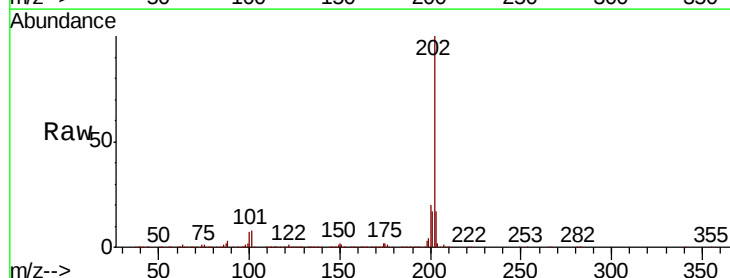
Tgt Ion:202 Resp: 2742817

Ion Ratio Lower Upper

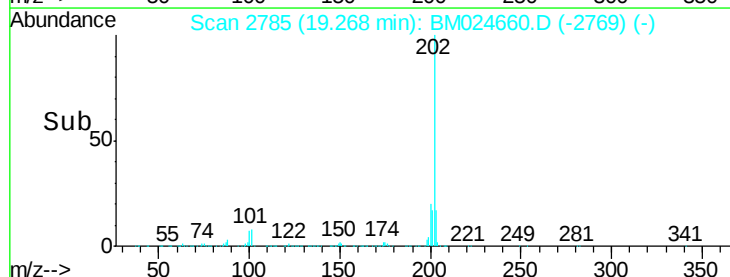
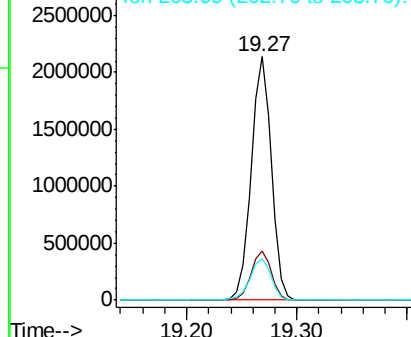
202 100

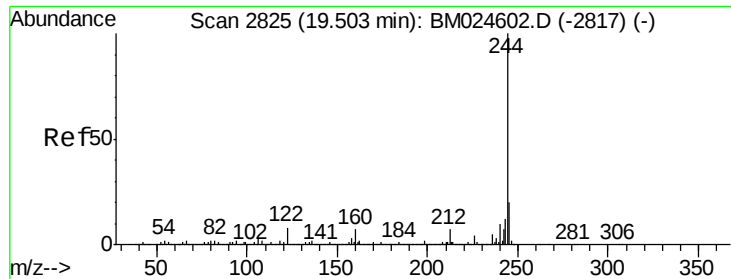
200 20.2 16.2 24.2

203 17.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.371 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

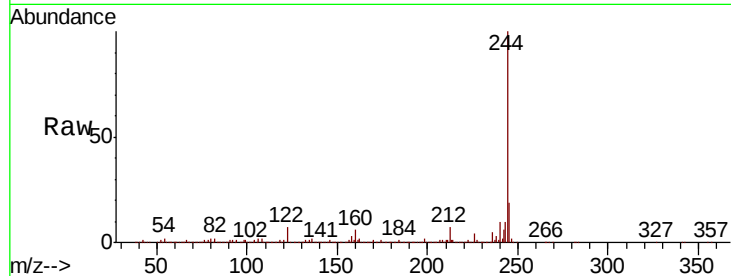
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3898354

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	7.0	6.2	9.4

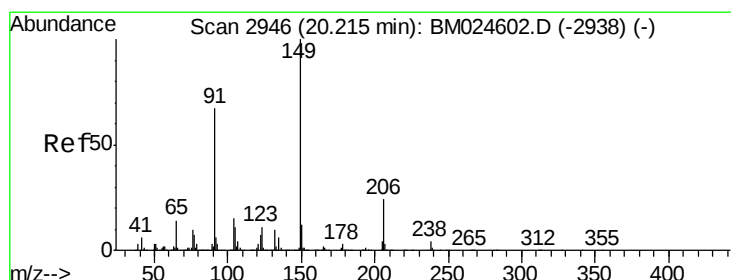
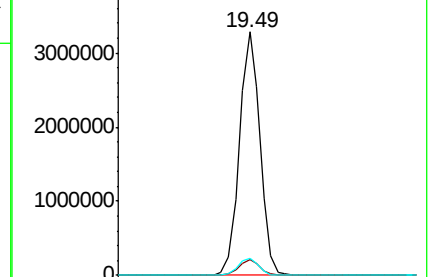
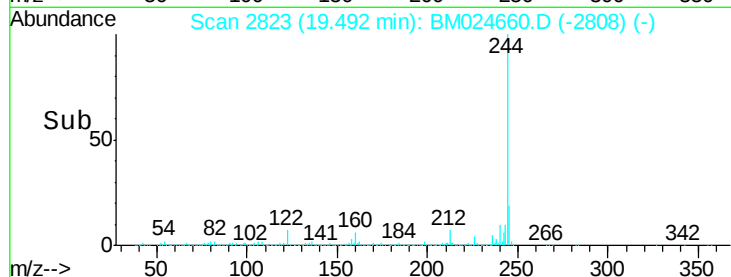


Abundance

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: 38.509 ng

RT: 20.21 min Scan# 2945

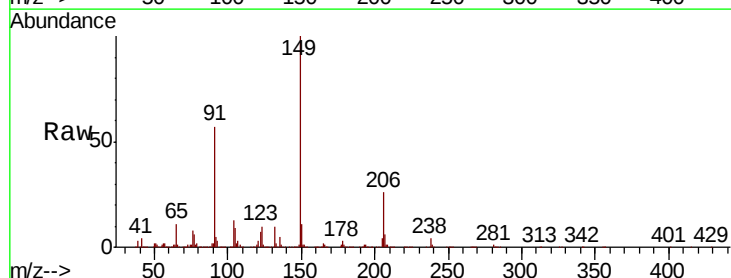
Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Tgt Ion:149 Resp: 1015126

Ion	Ratio	Lower	Upper
149	100		
91	57.3	53.9	80.9
206	26.1	19.0	28.6

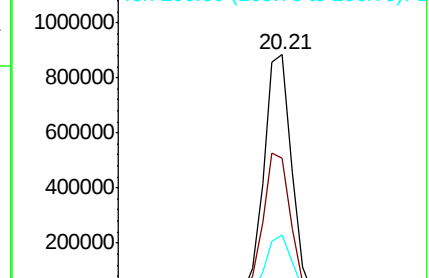
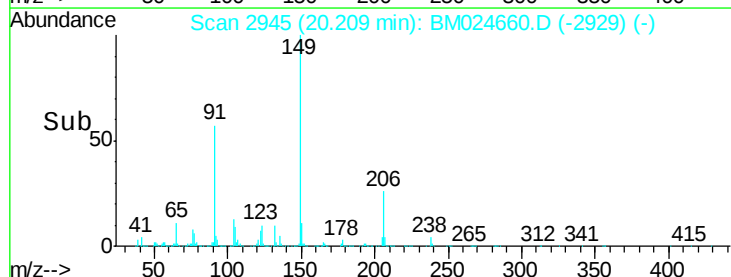


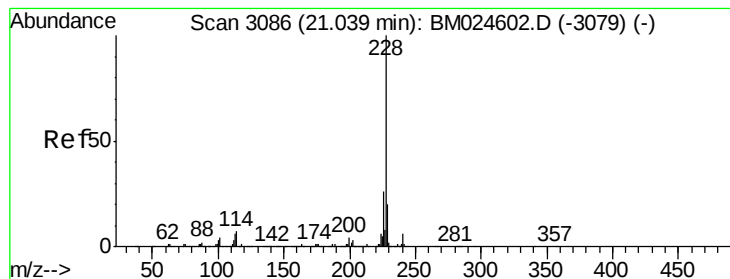
Abundance

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: 46.301 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

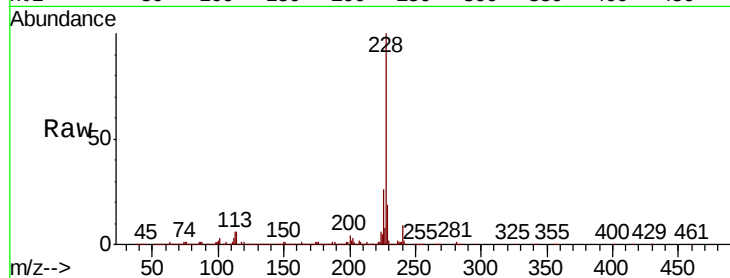
Tot Ion:228 Resp: 3062348

Ion Ratio Lower Upper

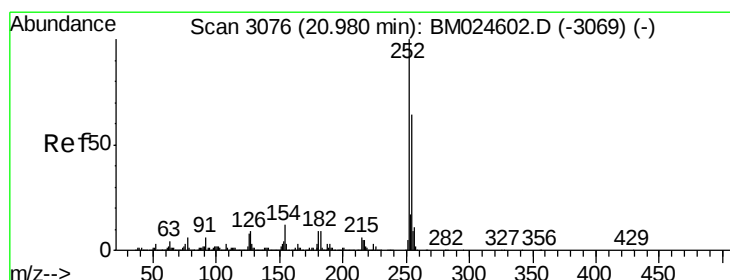
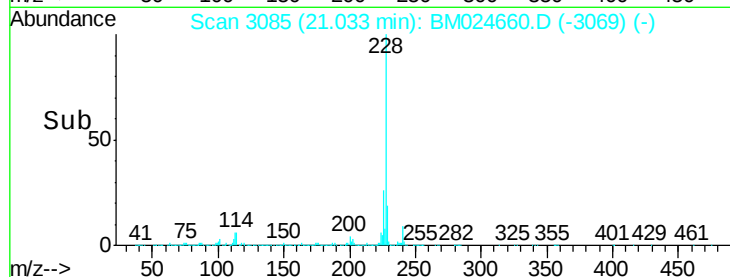
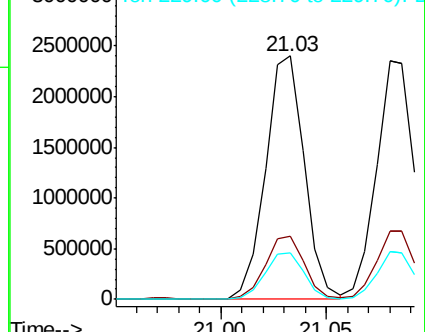
228 100

226 26.0 21.1 31.7

229 19.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.262 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

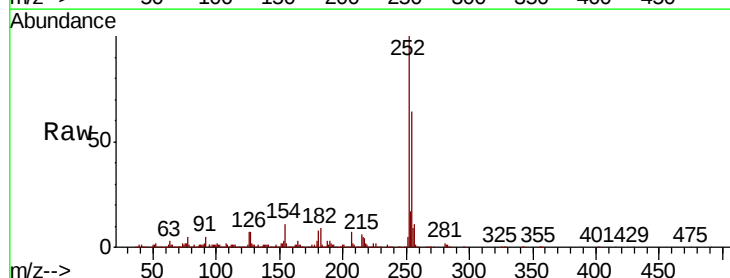
Tgt Ion:252 Resp: 981734

Ion Ratio Lower Upper

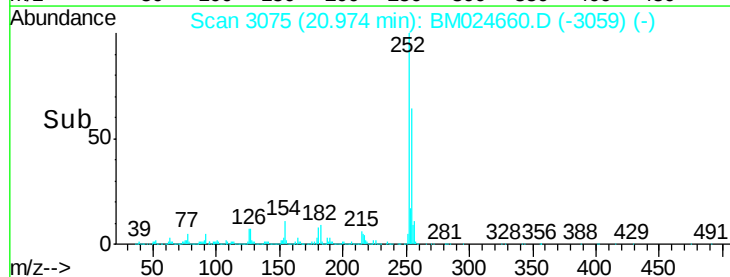
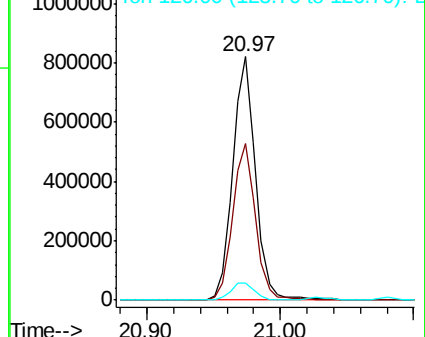
252 100

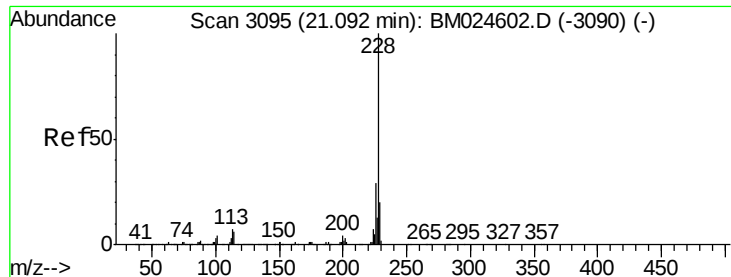
254 64.3 51.5 77.3

126 7.0 6.7 10.1



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





#83

Chrvsene

Concen: 46.621 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

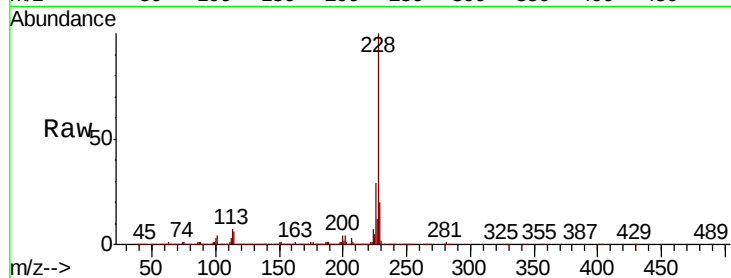
Tot Ion:228 Resp: 2942312

Ion Ratio Lower Upper

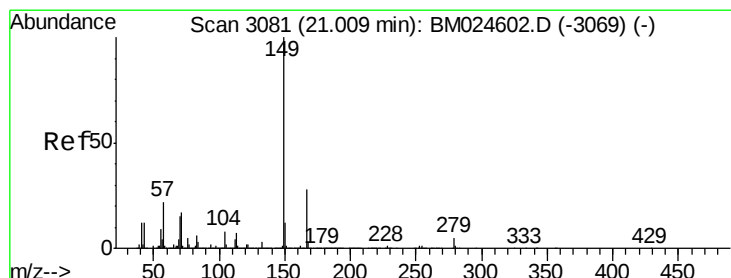
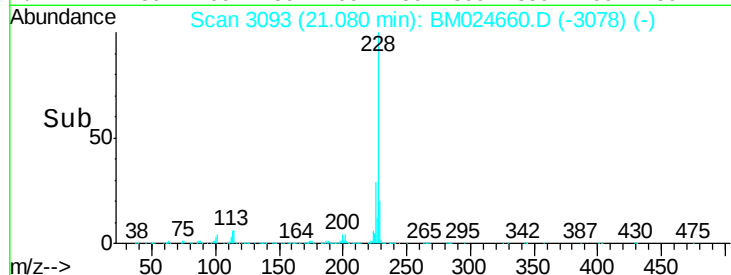
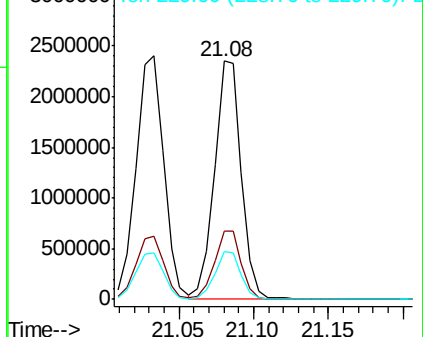
228 100

226 28.8 23.2 34.8

229 20.0 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: 38.062 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

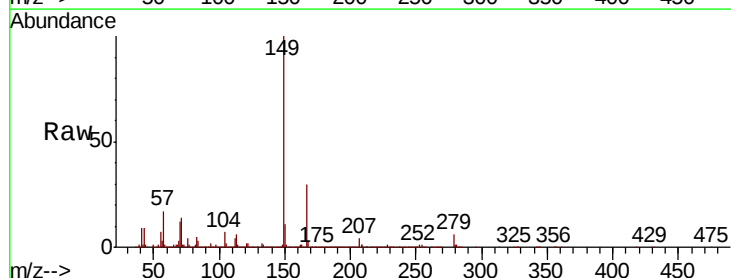
Tgt Ion:149 Resp: 1480472

Ion Ratio Lower Upper

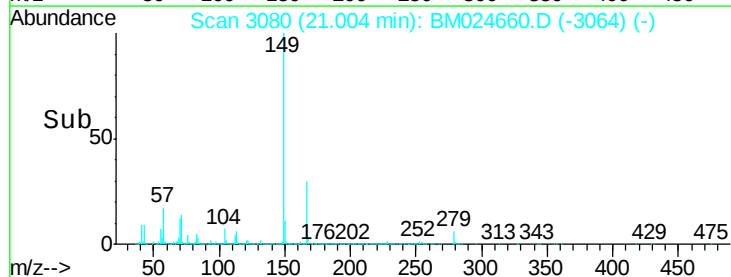
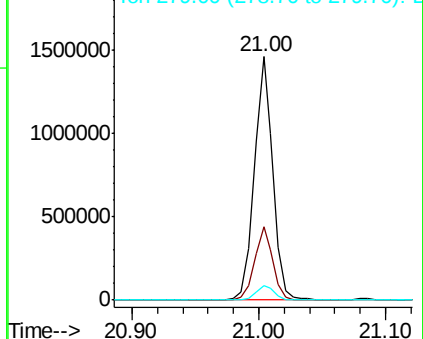
149 100

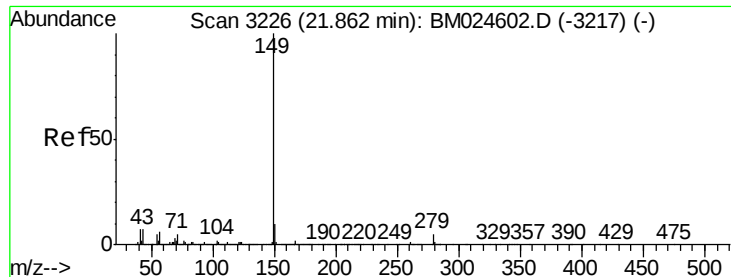
167 29.9 22.5 33.7

279 5.8 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: 41.891 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

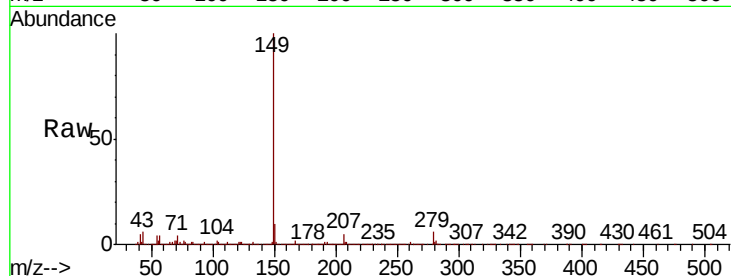
Tot Ion:149 Resp: 2691963

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

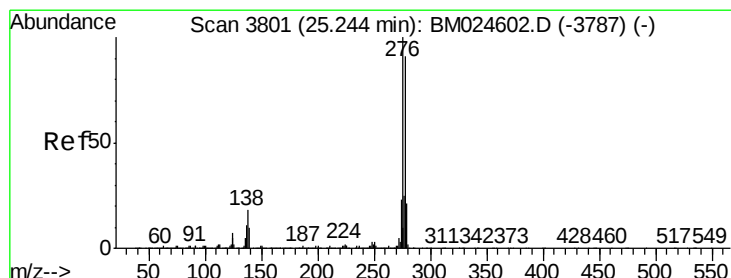
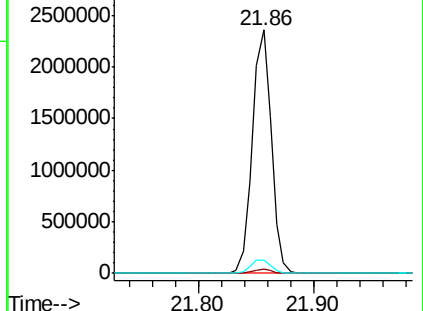
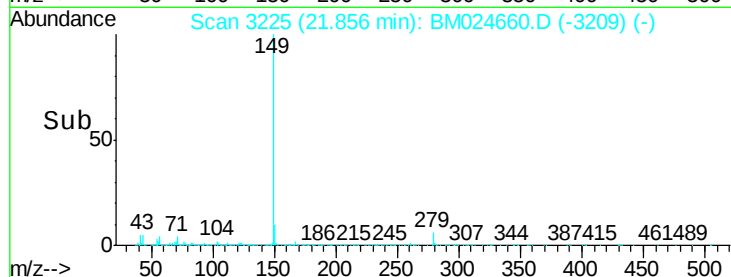
43 5.6 5.8 8.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.713 ng

RT: 25.23 min Scan# 3799

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

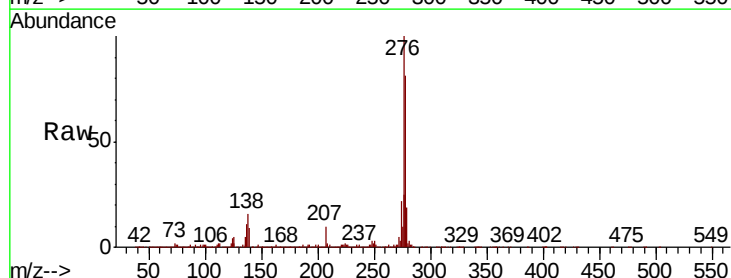
Tgt Ion:276 Resp: 4176336

Ion Ratio Lower Upper

276 100

138 15.6 13.4 20.0

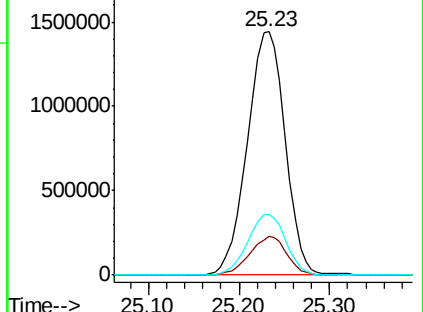
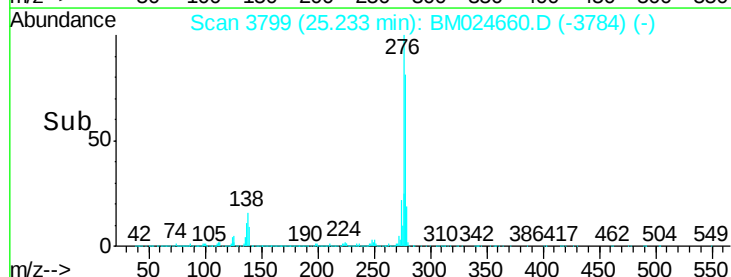
277 25.1 19.6 29.4

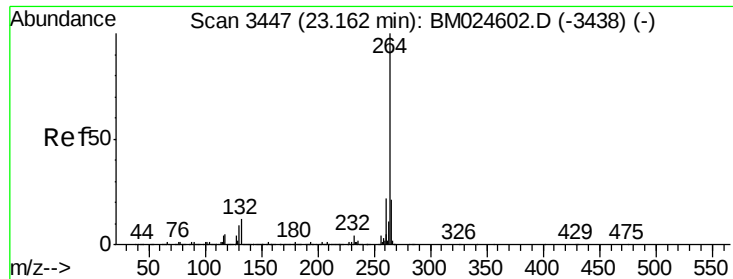


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



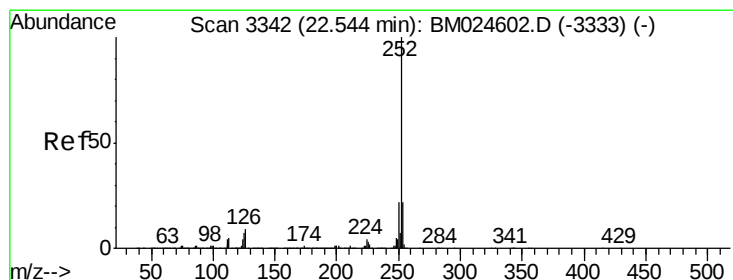
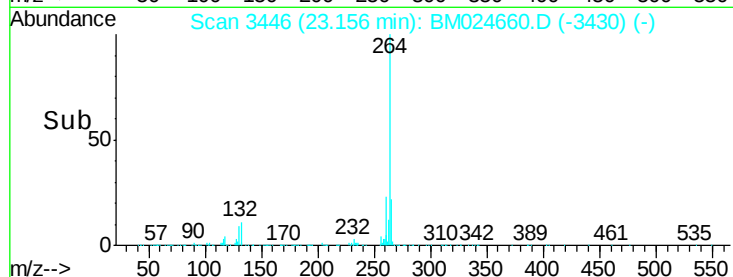
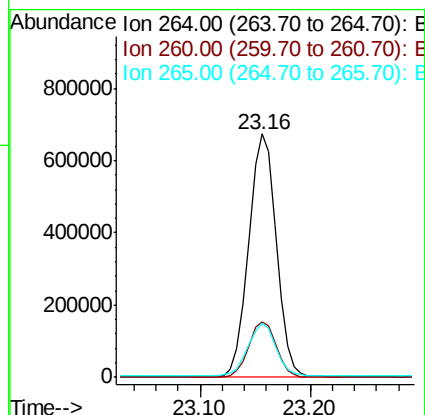
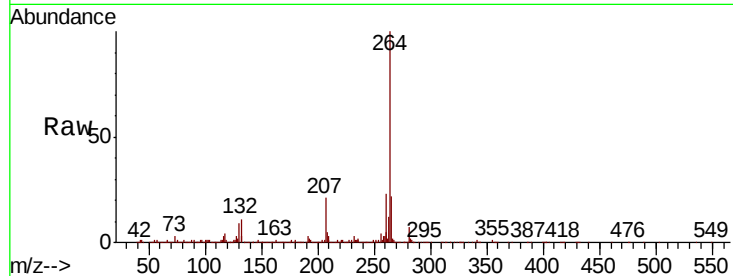


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1191825

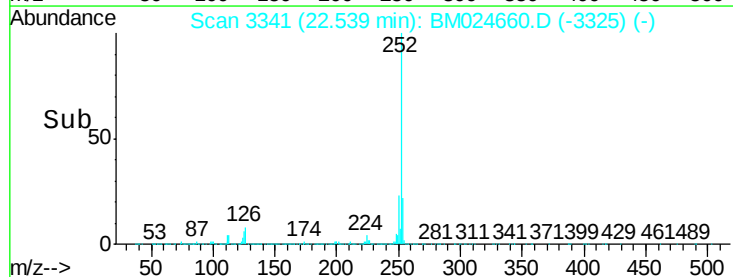
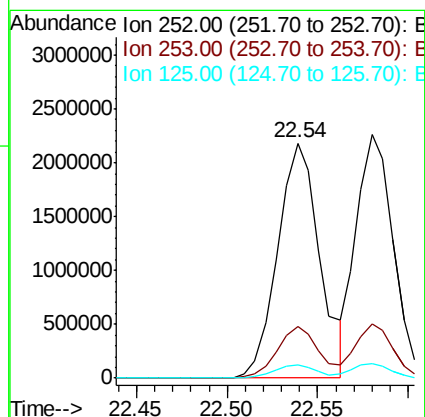
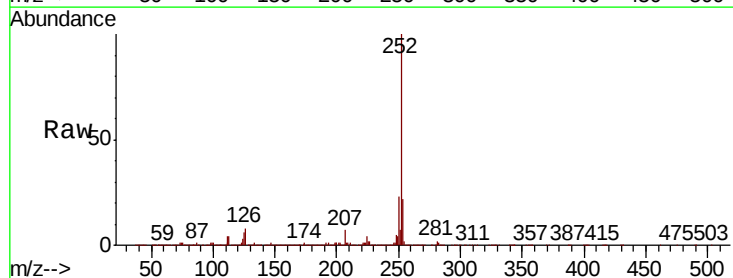
Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	22.4	17.3	25.9

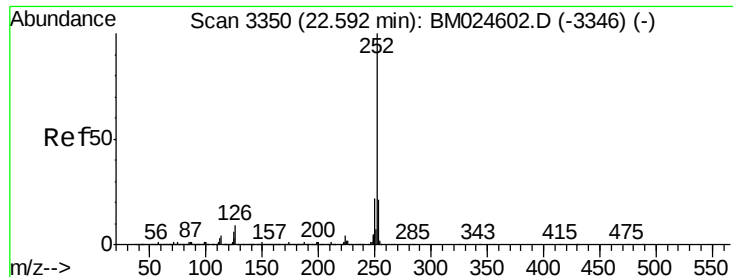


#88
Benzo(b)fluoranthene
Concen: 45.668 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BM024660.D
Acq: 30 Jan 2020 16:10

Tgt Ion:252 Resp: 3530127

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	5.8	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 42.641 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

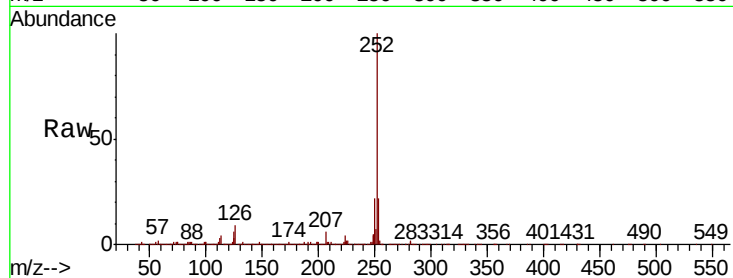
Tot Ion:252 Resp: 3217283

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

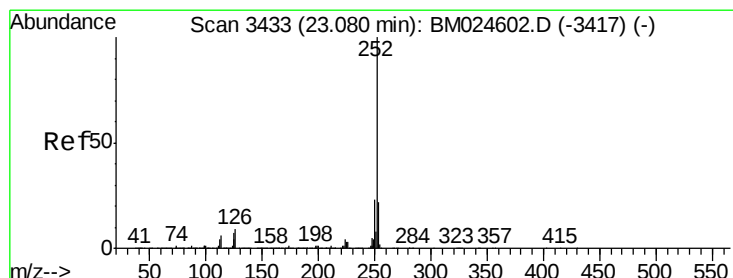
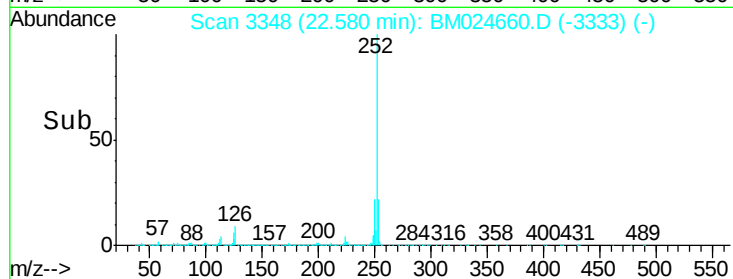
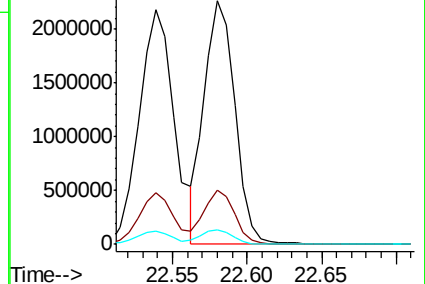
125 6.2 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.335 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

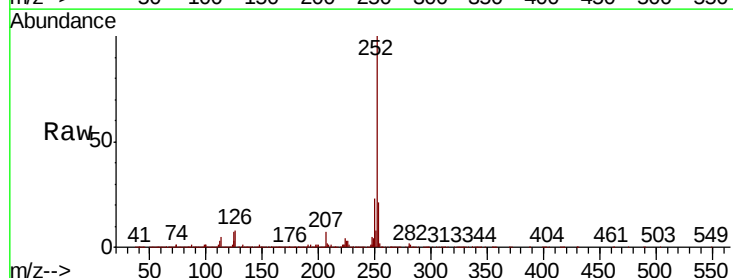
Tgt Ion:252 Resp: 3186087

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

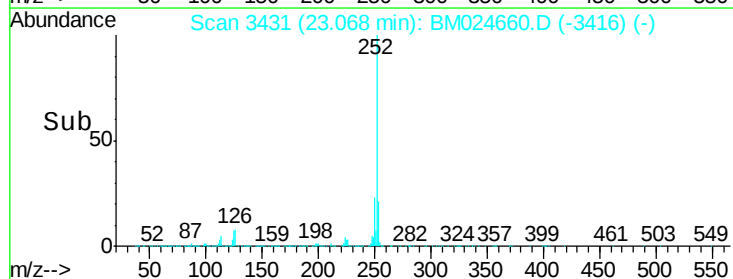
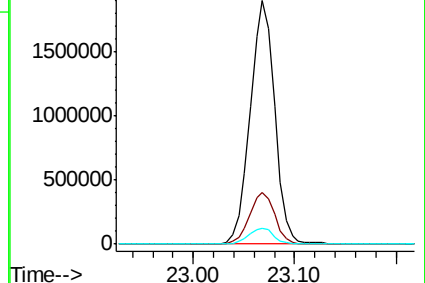
125 6.6 5.8 8.8

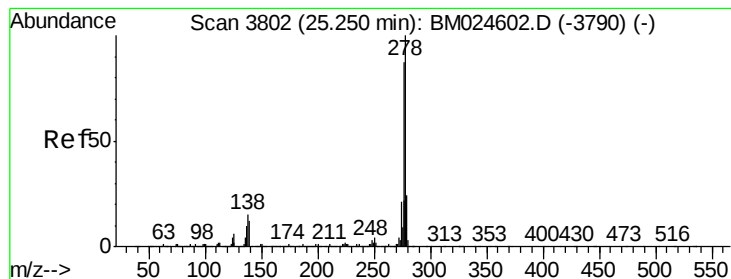


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 53.106 ng

RT: 25.24 min Scan# 3801

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

Instrument :

BNA_M

ClientSampleId :

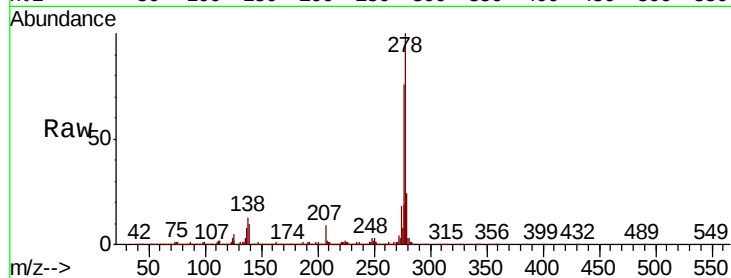
Tot Ion:278 Resp: 3542343

Ion	Ratio	Lower	Upper
278	100		
139	10.1	9.3	13.9
279	23.7	18.9	28.3

278 100

139 10.1 9.3 13.9

279 23.7 18.9 28.3

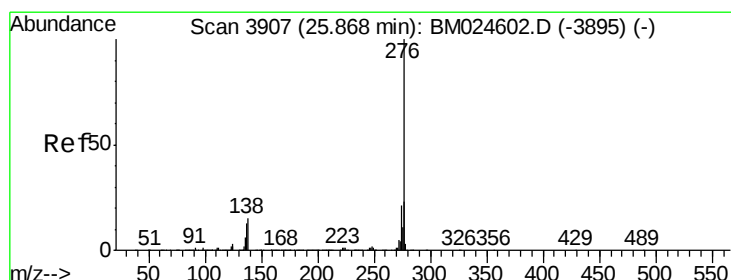
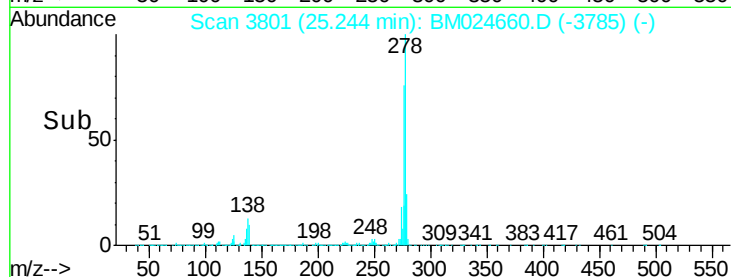
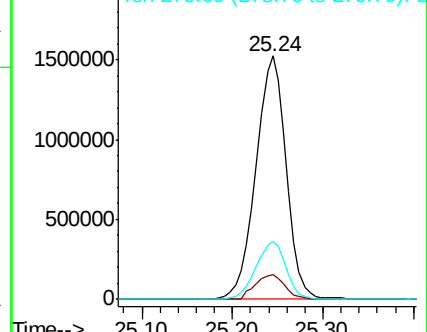


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 58.012 ng

RT: 25.86 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BM024660.D

Acq: 30 Jan 2020 16:10

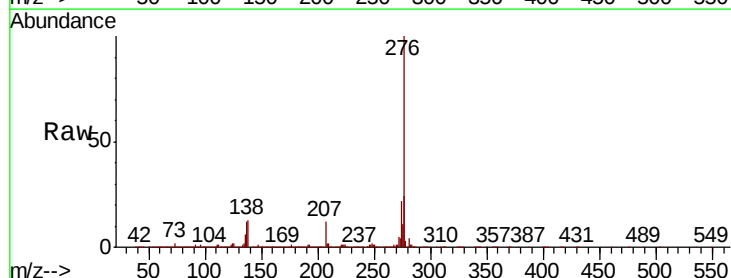
Tgt Ion:276 Resp: 3513671

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	13.4	11.9	17.9

276 100

277 24.0 18.6 28.0

138 13.4 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

