

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024605.D
 Acq On : 23 Jan 2020 13:33
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 23 14:19:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 12:41:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	257903	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1045673	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	734221	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1693233	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1766535	20.00	ng	0.00
87) Perylene-d12	23.17	264	1834108	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	2114453	146.07	ng	0.00
7) Phenol-d6	6.65	99	2983977	155.03	ng	0.00
23) Nitrobenzene-d5	8.59	82	3349247	154.65	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	1916460	189.79	ng	0.00
45) 2-Fluorobiphenyl	12.72	172	8507972	155.12	ng	0.00
79) Terphenyl-d14	19.50	244	13389735	158.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	407369	65.558	ng	100
3) Pyridine	3.45	79	1211360	67.378	ng	99
4) n-Nitrosodimethylamine	3.37	42	541492	56.453	ng	95
6) Aniline	6.79	93	1779692	74.066	ng	99
8) 2-Chlorophenol	7.02	128	1197377	73.740	ng	98
9) Benzaldehyde	6.60	77	637186	66.813	ng	99
10) Phenol	6.67	94	1469643	74.562	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	1159385	73.742	ng	99
12) 1,3-Dichlorobenzene	7.34	146	1455022	72.022	ng	100
13) 1,4-Dichlorobenzene	7.48	146	1472260	72.096	ng	99
14) 1,2-Dichlorobenzene	7.79	146	1422180	71.941	ng	99
15) Benzyl Alcohol	7.69	79	1227482	81.198	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1038533	50.539	ng	98
17) 2-Methylphenol	7.90	107	1038824	77.089	ng	98
18) Hexachloroethane	8.51	117	570681	75.459	ng	99
19) n-Nitroso-di-n-propylamine	8.26	70	1097994	79.370	ng	98
20) 3+4-Methylphenols	8.23	107	1446152	78.562	ng	98
22) Acetophenone	8.26	105	2124277	72.680	ng	99
24) Nitrobenzene	8.63	77	1594157	75.121	ng	99
25) Isophorone	9.16	82	2830016	77.998	ng	99
26) 2-Nitrophenol	9.33	139	772840	104.038	ng	99
27) 2,4-Dimethylphenol	9.42	122	1024218	79.997	ng	97
28) bis(2-Chloroethoxy)methane	9.65	93	1713773	76.981	ng	99
29) 2,4-Dichlorophenol	9.87	162	1380747	82.148	ng	99
30) 1,2,4-Trichlorobenzene	10.07	180	1625864	79.381	ng	99
31) Naphthalene	10.26	128	4137493	73.259	ng	100
32) Benzoic acid	9.63	122	837086	101.685	ng	100
33) 4-Chloroaniline	10.37	127	1840950	73.521	ng	99
34) Hexachlorobutadiene	10.56	225	1121620	82.917	ng	99
35) Caprolactam	11.19	113	366013	71.433	ng	97
36) 4-Chloro-3-methylphenol	11.52	107	1458005	82.742	ng	98
37) 2-Methylnaphthalene	11.88	142	3221585	77.862	ng	100
38) 1-Methylnaphthalene	12.10	142	3041538	77.158	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	2066032	80.544	ng	99

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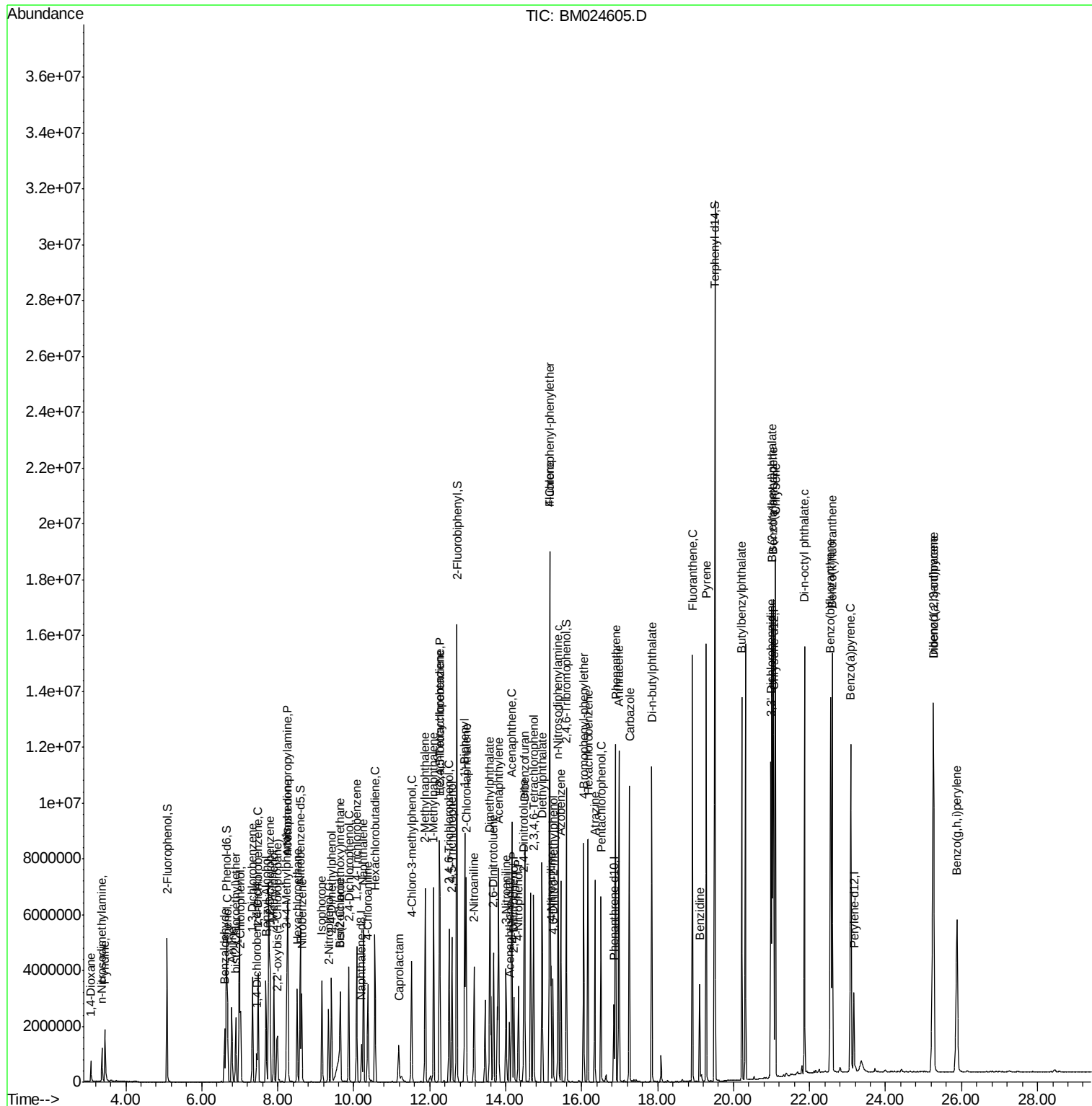
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1155719	81.614	ng	99
43) 2,4,6-Trichlorophenol	12.51	196	1325526	90.726	ng	100
44) 2,4,5-Trichlorophenol	12.59	196	1371605	87.232	ng	99
46) 1,1'-Biphenyl	12.92	154	4370500	74.059	ng	100
47) 2-Chloronaphthalene	12.96	162	3542769	74.068	ng	100
48) 2-Nitroaniline	13.17	65	1100685	75.827	ng	99
49) Acenaphthylene	13.82	152	5310458	73.331	ng	99
50) Dimethylphthalate	13.58	163	4631482	76.097	ng	100
51) 2,6-Dinitrotoluene	13.68	165	1003164	77.278	ng	99
52) Acenaphthene	14.16	154	3306539	74.675	ng	99
53) 3-Nitroaniline	14.02	138	1059260	74.757	ng	100
54) 2,4-Dinitrophenol	14.22	184	661448	126.019	ng	98
55) Dibenzofuran	14.50	168	5351665	74.672	ng	99
56) 4-Nitrophenol	14.34	139	834188	79.286	ng	100
57) 2,4-Dinitrotoluene	14.48	165	1454782	78.501	ng	97
58) Fluorene	15.16	166	4562931	75.504	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.74	232	1374000	93.937	ng	99
60) Diethylphthalate	14.96	149	4712987	75.037	ng	100
61) 4-Chlorophenyl-phenylether	15.16	204	2588807	78.378	ng	98
62) 4-Nitroaniline	15.19	138	1177204	73.449	ng	99
63) Azobenzene	15.45	77	4032018	71.627	ng	99
65) 4,6-Dinitro-2-methylphenol	15.25	198	854902	118.021	ng	97
66) n-Nitrosodiphenylamine	15.38	169	3880246	77.493	ng	100
67) 4-Bromophenyl-phenylether	16.05	248	1684784	82.459	ng	98
68) Hexachlorobenzene	16.17	284	1920755	80.713	ng	98
69) Atrazine	16.34	200	1450953	105.144	ng	98
70) Pentachlorophenol	16.51	266	1195511	99.509	ng	99
71) Phenanthrene	16.89	178	7277966	75.351	ng	98
72) Anthracene	16.98	178	7189540	75.954	ng	99
73) Carbazole	17.26	167	6566165	74.206	ng	100
74) Di-n-butylphthalate	17.85	149	8325518	81.560	ng	100
75) Fluoranthene	18.92	202	9128811	79.084	ng	99
77) Benzidine	19.11	184	1990979	77.019	ng	100
78) Pyrene	19.28	202	9277283	79.685	ng	99
80) Butylbenzylphthalate	20.22	149	4019916	103.615	ng	97
81) Benzo(a)anthracene	21.04	228	9624361	79.066	ng	99
82) 3,3'-Dichlorobenzidine	20.99	252	3418739	92.071	ng	99
83) Chrysene	21.10	228	9191083	79.850	ng	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	5811265	90.377	ng	100
85) Di-n-octyl phthalate	21.86	149	9652058	96.813	ng	100
86) Indeno(1,2,3-cd)pyrene	25.26	276	9235268	80.832	ng	98
88) Benzo(b)fluoranthene	22.55	252	9805137	79.011	ng	100
89) Benzo(k)fluoranthene	22.60	252	9211285	77.254	ng	98
90) Benzo(a)pyrene	23.09	252	8720025	78.885	ng	99
91) Dibenzo(a,h)anthracene	25.27	278	7823147	79.383	ng	100
92) Benzo(g,h,i)perylene	25.88	276	6958769	78.147	ng	99

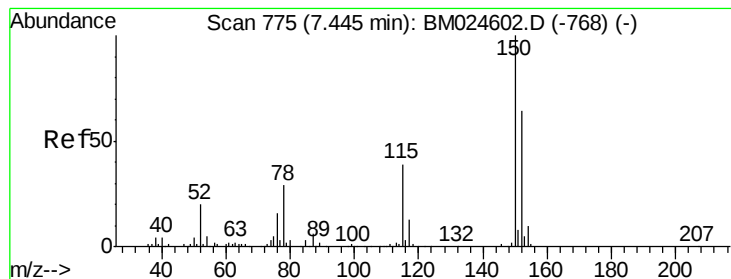
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.45 min Scan# 775

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

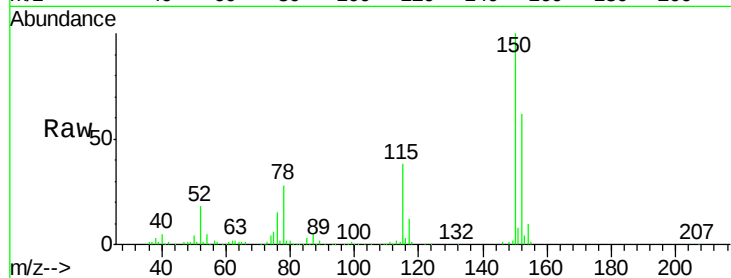
Tot Ion:152 Resp: 257903

Ion Ratio Lower Upper

152 100

150 160.5 124.2 186.4

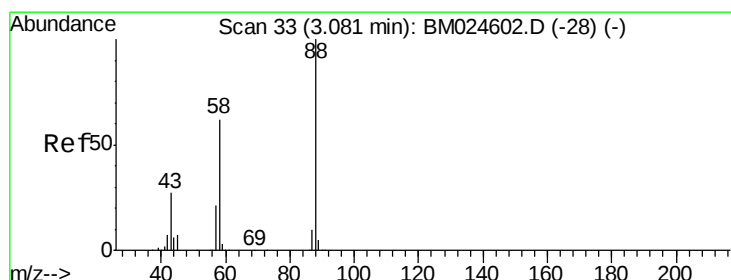
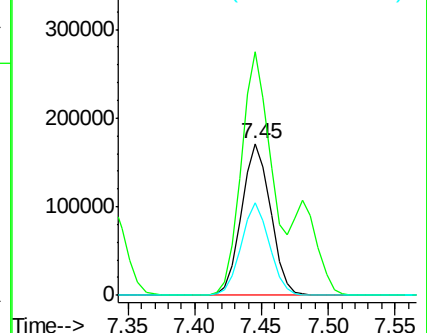
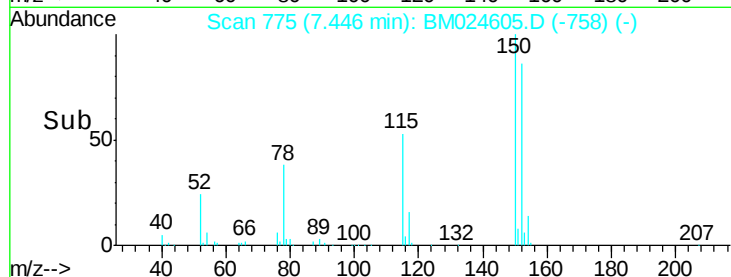
115 61.0 48.6 72.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 65.558 ng

RT: 3.08 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

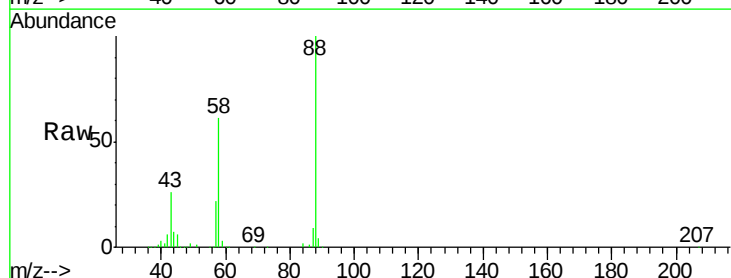
Tgt Ion: 88 Resp: 407369

Ion Ratio Lower Upper

88 100

58 62.4 50.0 75.0

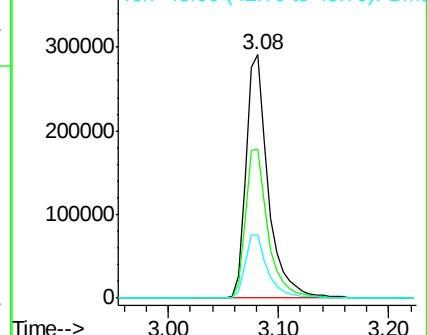
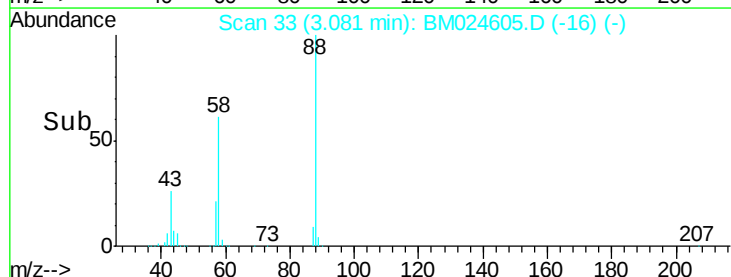
43 26.7 21.6 32.4

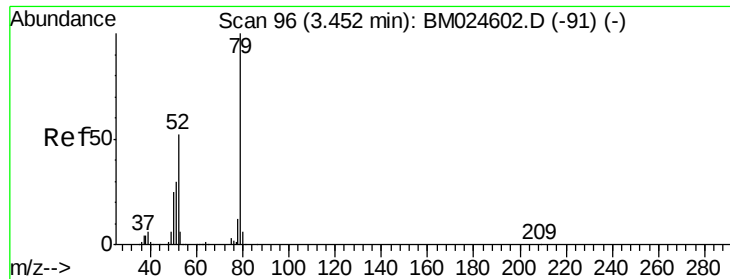


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 67.378 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

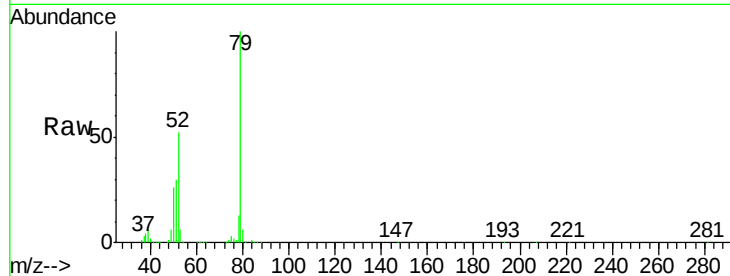
Tot Ion: 79 Resp: 1211360

Ion Ratio Lower Upper

79 100

52 52.2 41.4 62.2

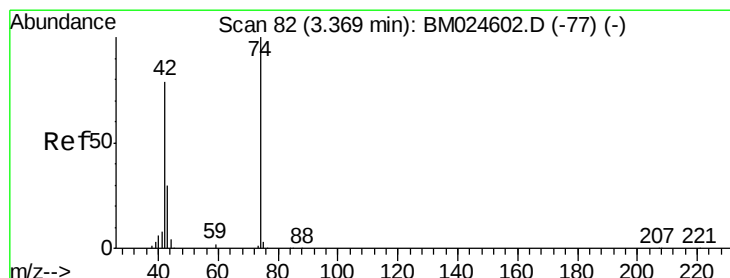
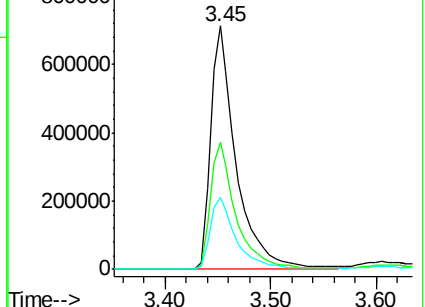
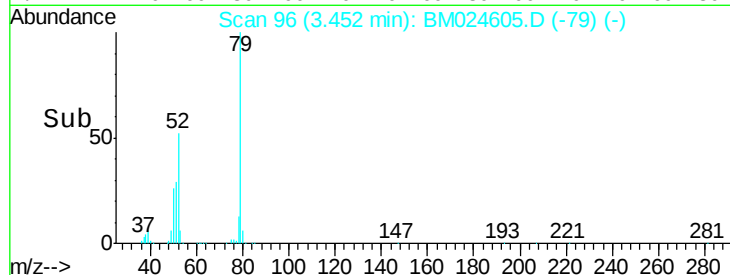
51 29.5 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024605.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM024605.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024605.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 56.453 ng

RT: 3.37 min Scan# 82

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

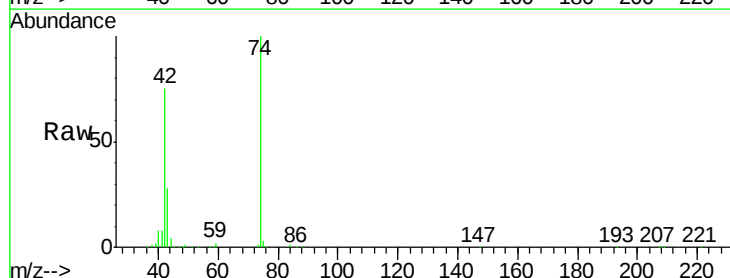
Tgt Ion: 42 Resp: 541492

Ion Ratio Lower Upper

42 100

74 132.8 101.4 152.2

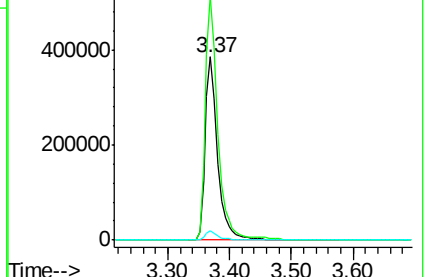
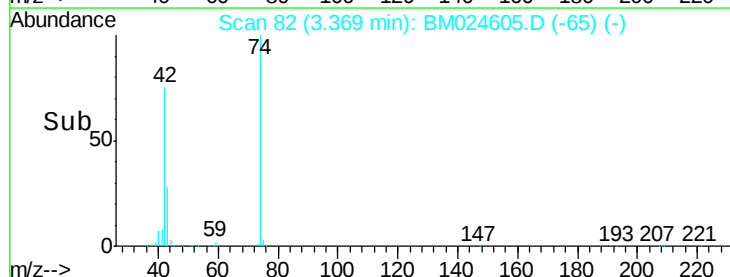
44 5.0 4.6 6.8

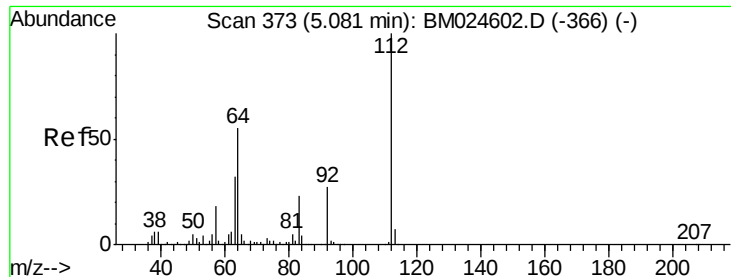


Abundance Ion 42.00 (41.70 to 42.70): BM024605.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BM024605.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024605.D (-65) (-)





#5

2-Fluorophenol

Concen: 146.066 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

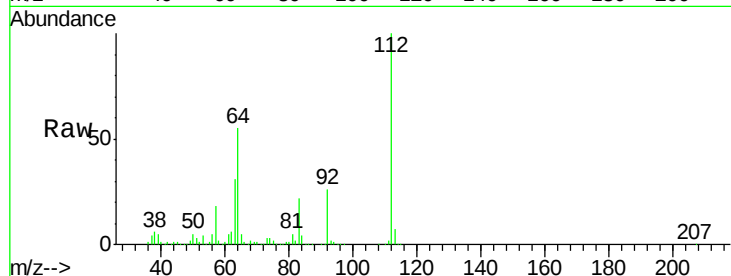
Tot Ion:112 Resp: 2114453

Ion Ratio Lower Upper

112 100

64 54.9 44.2 66.4

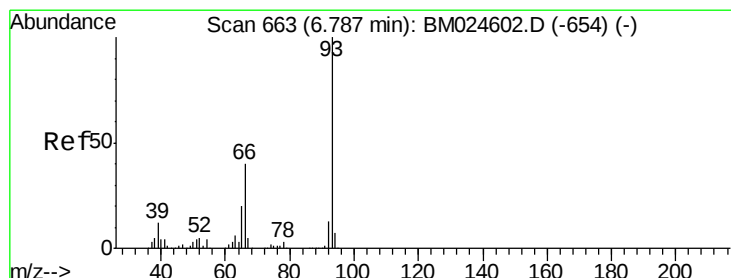
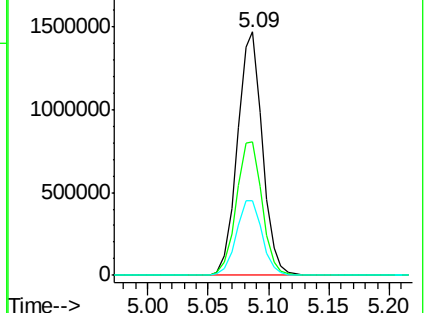
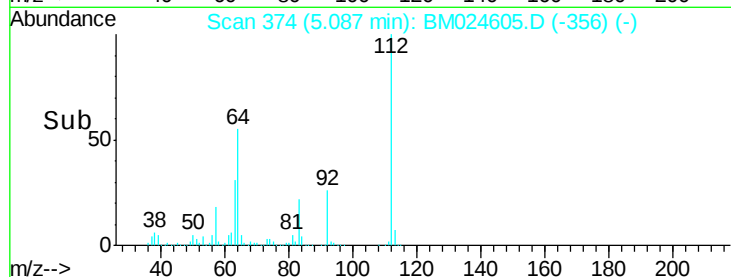
63 30.9 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 74.066 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

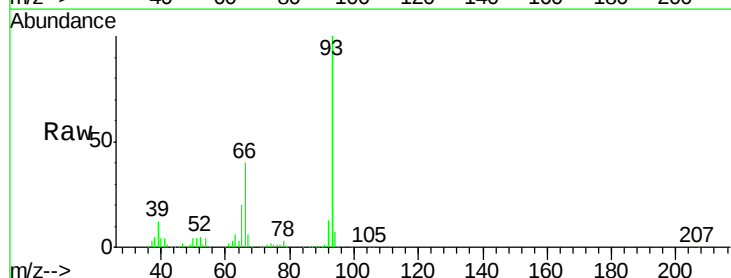
Tgt Ion: 93 Resp: 1779692

Ion Ratio Lower Upper

93 100

66 40.2 31.8 47.8

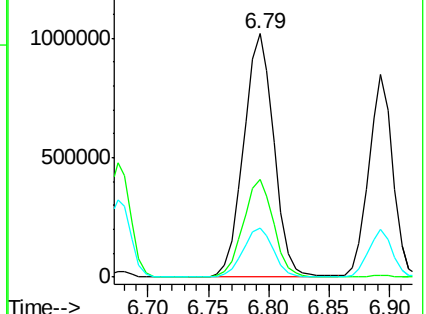
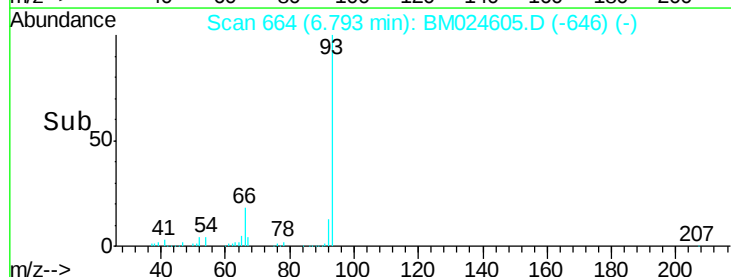
65 20.2 15.8 23.6

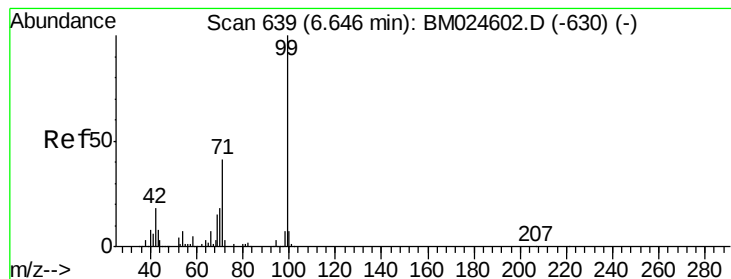


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 155.034 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

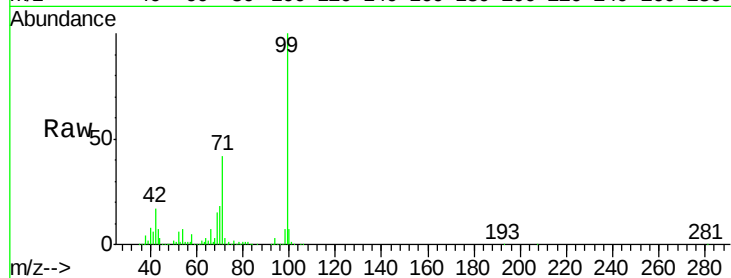
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2983977

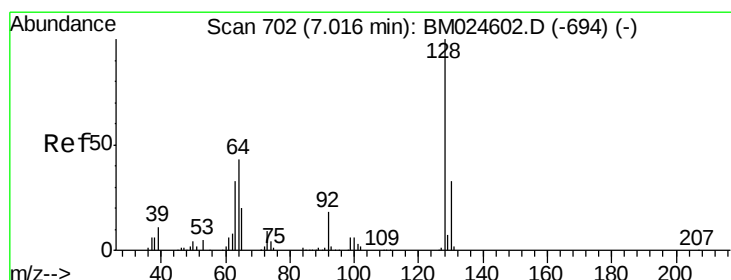
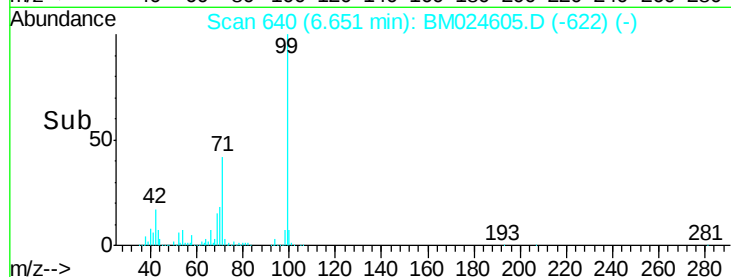
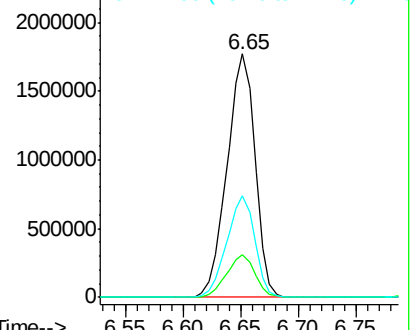
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	41.9	33.0	49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024605.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024605.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024605.D (-622) (-)



#8

2-Chlorophenol

Concen: 73.740 ng

RT: 7.02 min Scan# 703

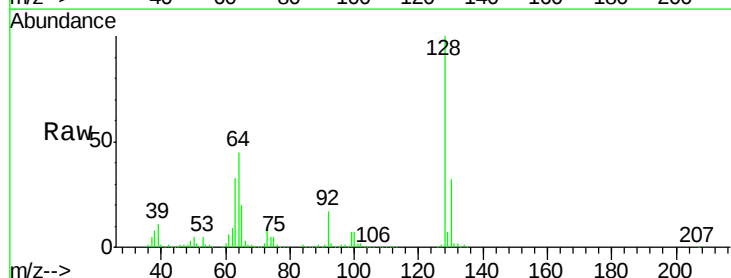
Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion: 128 Resp: 1197377

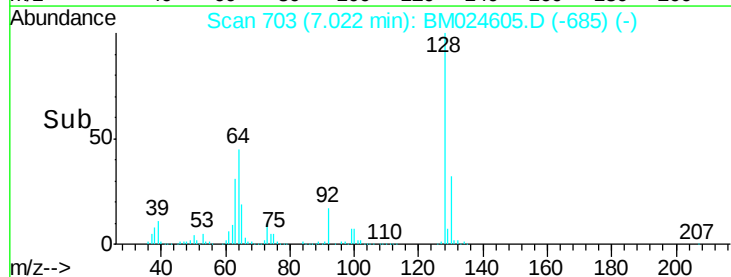
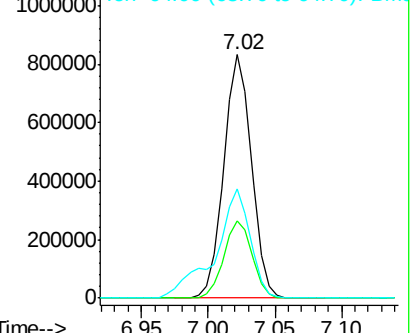
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.5	52.5
64	44.7	26.1	66.1

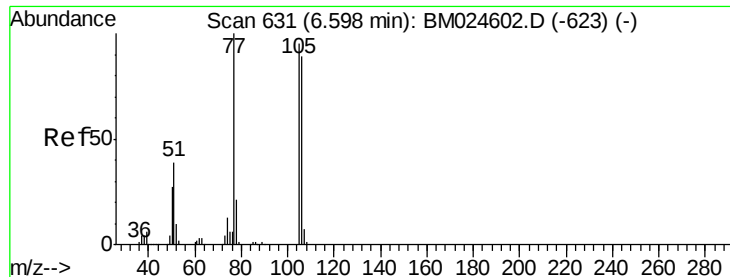


Abundance Ion 128.00 (127.70 to 128.70): BM024605.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024605.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024605.D (-685) (-)





#9

Benzaldehyde

Concen: 66.813 ng

RT: 6.60 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampled :

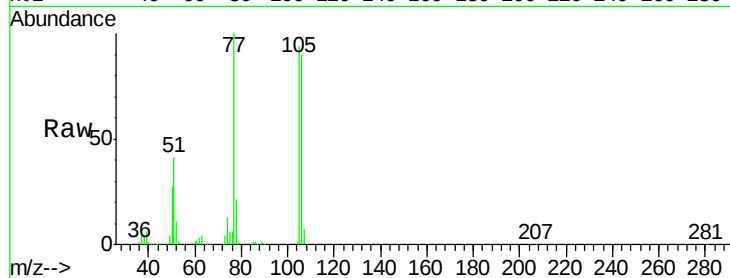
Tot Ion: 77 Resp: 637186

Ion Ratio Lower Upper

77 100

105 94.4 75.2 115.2

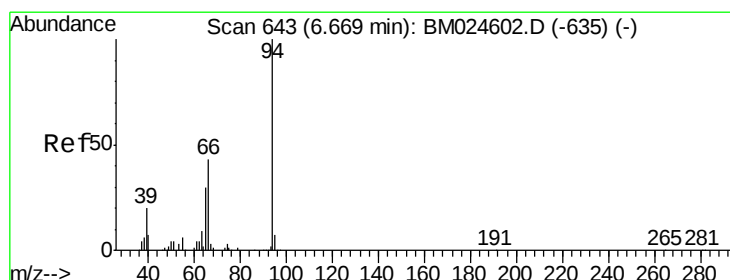
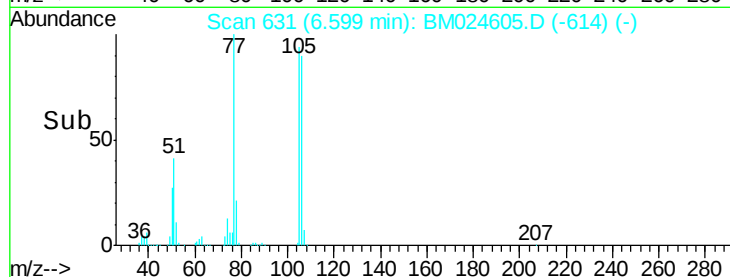
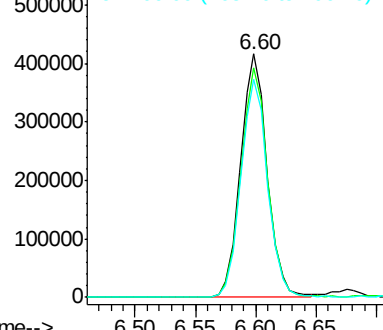
106 89.8 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BM024605.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM024605.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM024605.D (-614) (-)



#10

Phenol

Concen: 74.562 ng

RT: 6.67 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

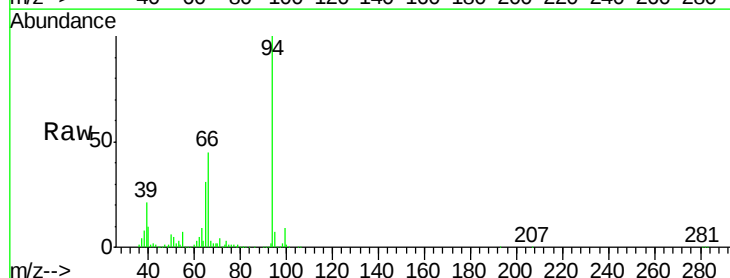
Tgt Ion: 94 Resp: 1469643

Ion Ratio Lower Upper

94 100

65 30.9 10.3 50.3

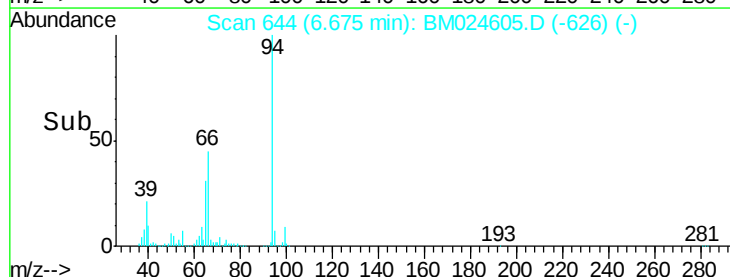
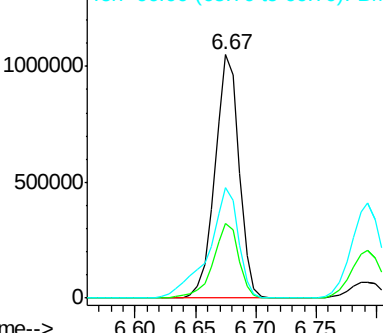
66 45.4 24.8 64.8

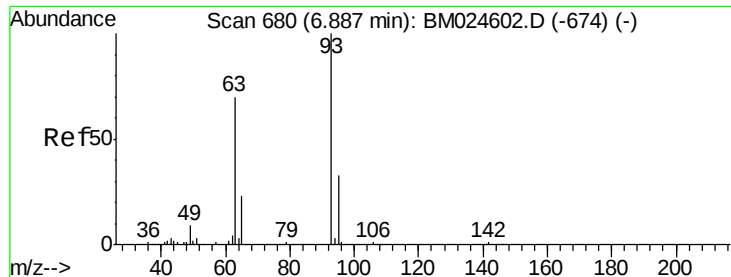


Abundance Ion 94.00 (93.70 to 94.70): BM024605.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024605.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024605.D (-626) (-)

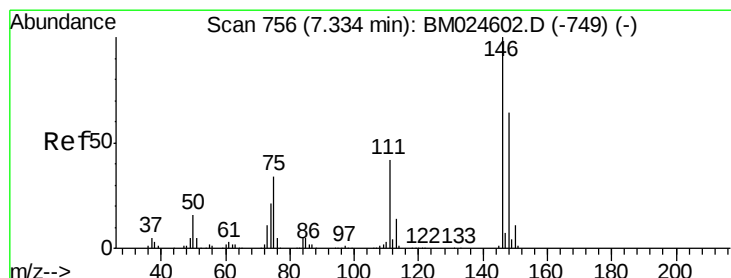
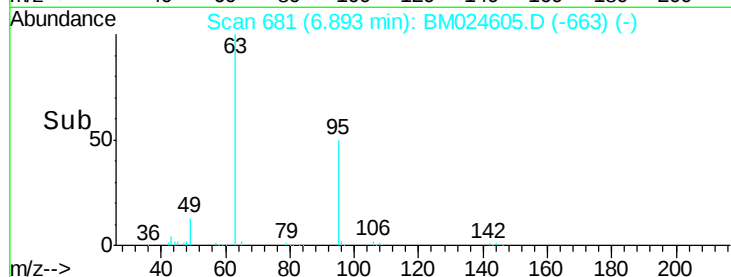
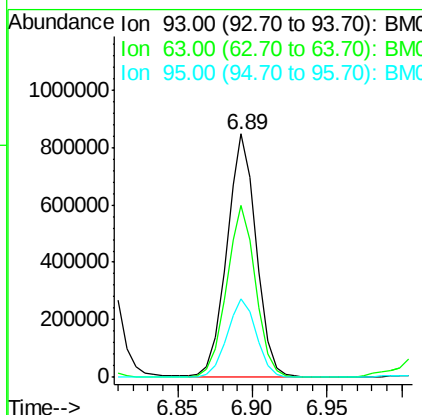
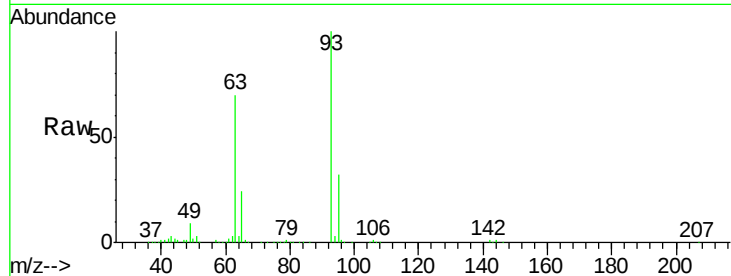




#11
bis(2-Chloroethyl)ether
Concen: 73.742 ng
RT: 6.89 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

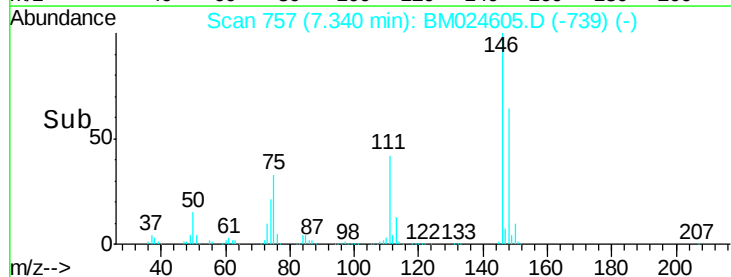
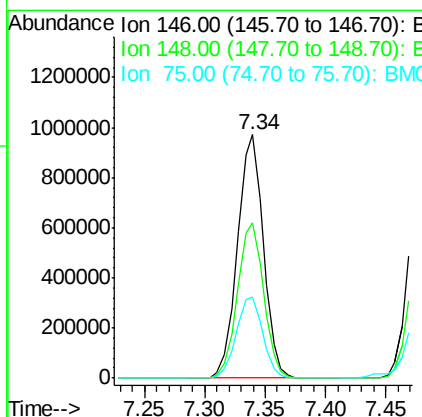
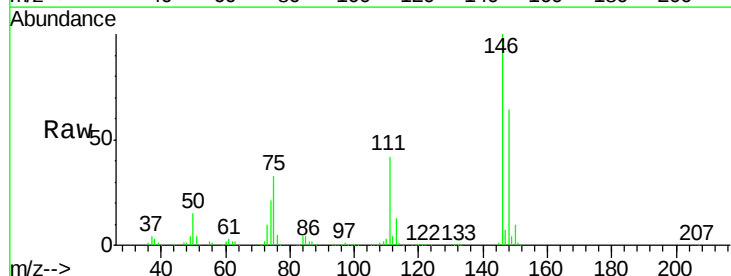
Instrument :
BNA_M
ClientSampleId :

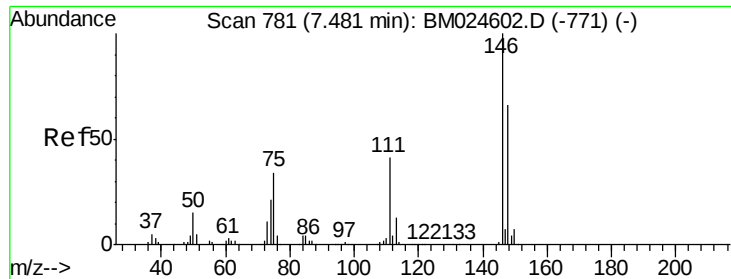
Tot Ion: 93 Resp: 1159385
Ion Ratio Lower Upper
93 100
63 70.4 49.6 89.6
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 72.022 ng
RT: 7.34 min Scan# 757
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion: 146 Resp: 1455022
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
75 33.5 27.0 40.4

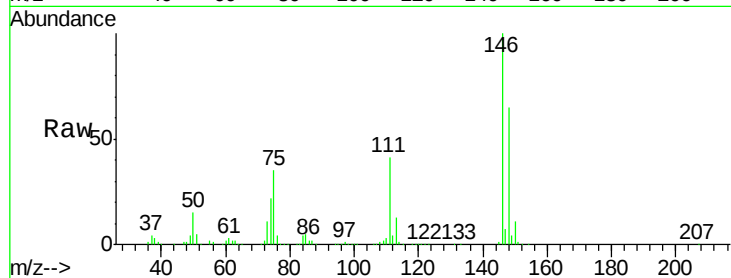




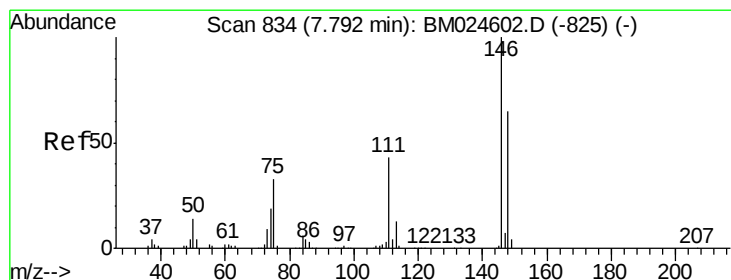
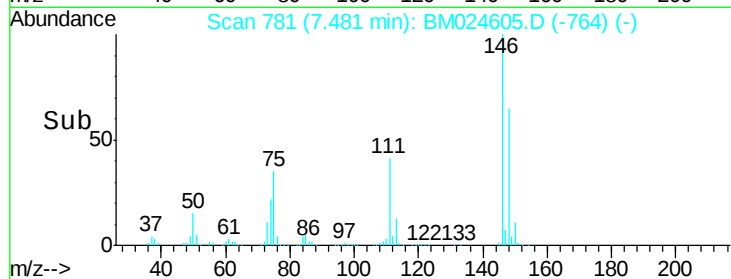
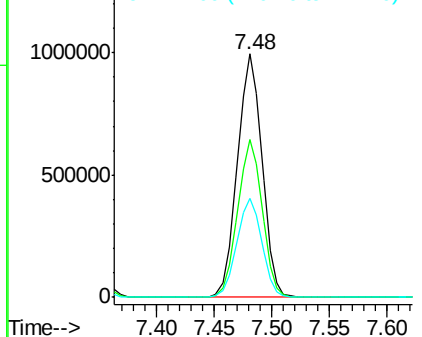
#13
 1,4-Dichlorobenzene
 Concen: 72.096 ng
 RT: 7.48 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:146 Resp: 1472260
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.5 78.7
 111 40.8 33.0 49.4

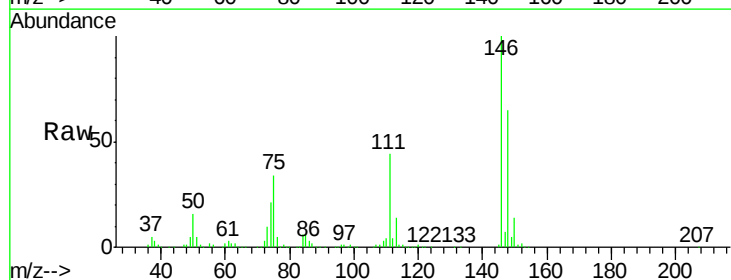


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

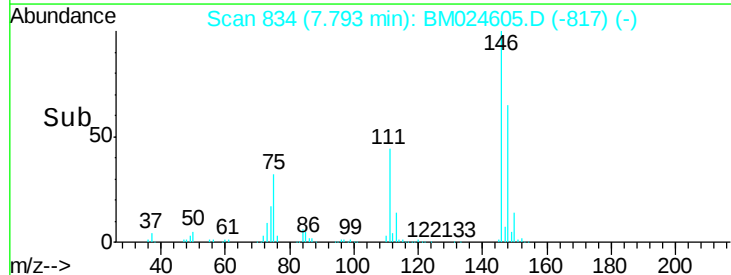
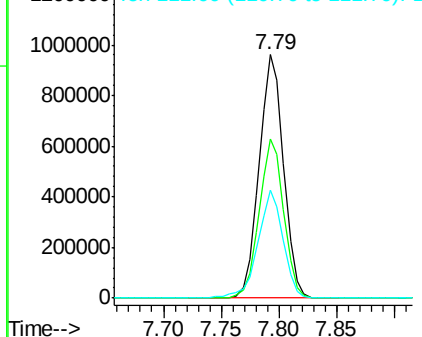


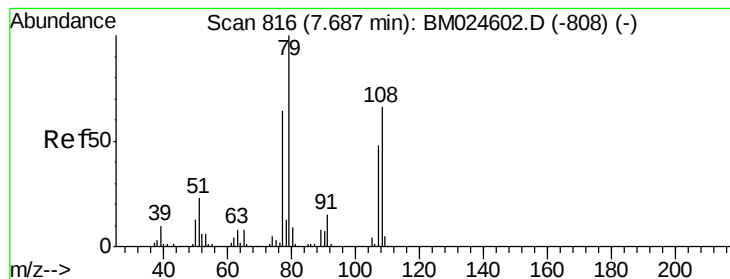
#14
 1,2-Dichlorobenzene
 Concen: 71.941 ng
 RT: 7.79 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion:146 Resp: 1422180
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 44.1 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: 81.198 ng

RT: 7.69 min Scan# 817

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampled :

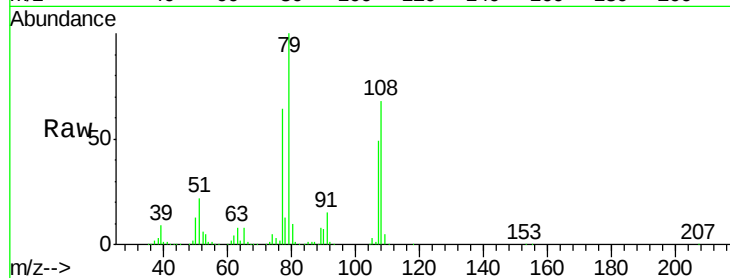
Tot Ion: 79 Resp: 1227482

Ion Ratio Lower Upper

79 100

108 67.8 53.0 79.4

77 64.1 50.8 76.2



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

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

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

Time-->

7.69

800000

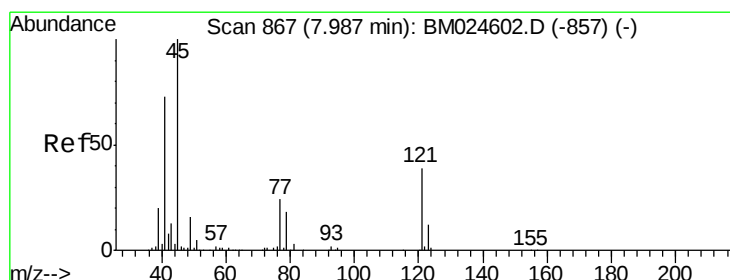
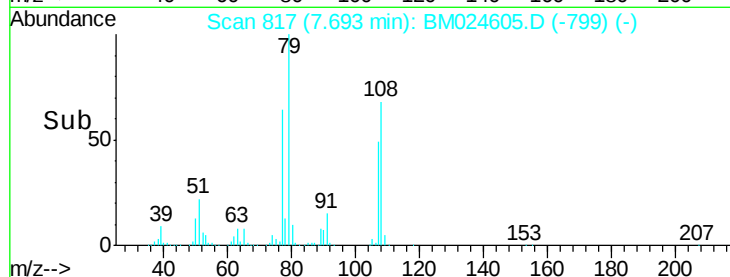
600000

400000

200000

0

7.60 7.65 7.70 7.75



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.539 ng

RT: 7.99 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

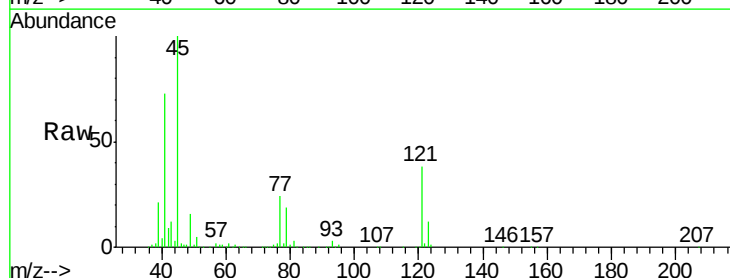
Tgt Ion: 45 Resp: 1038533

Ion Ratio Lower Upper

45 100

77 24.4 5.2 45.2

79 18.7 0.0 39.4



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

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

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

Time-->

7.99

600000

500000

400000

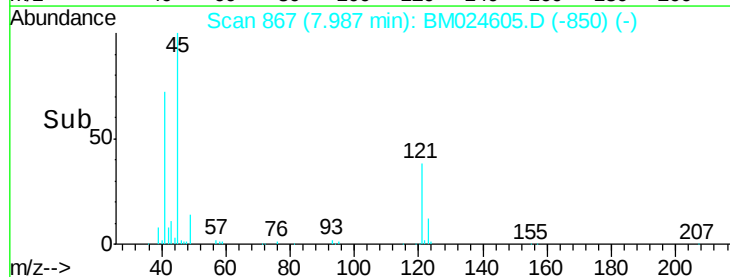
300000

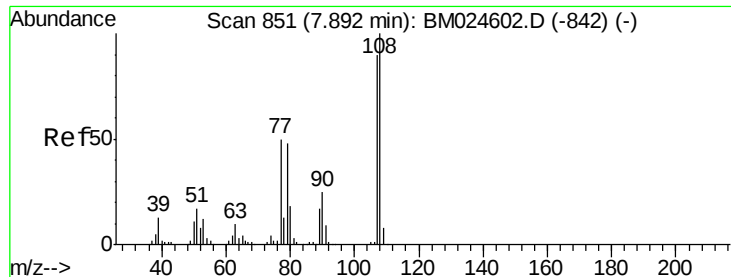
200000

100000

0

7.90 7.95 8.00 8.05





#17

2-Methylphenol

Concen: 77.089 ng

RT: 7.90 min Scan# 852

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 1038824

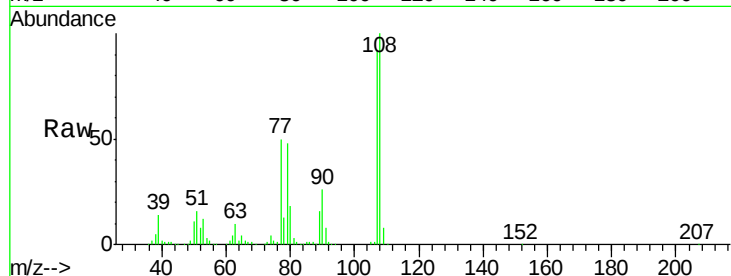
Ion Ratio Lower Upper

107 100

108 109.3 88.9 133.3

77 54.4 44.5 66.7

79 52.9 42.9 64.3



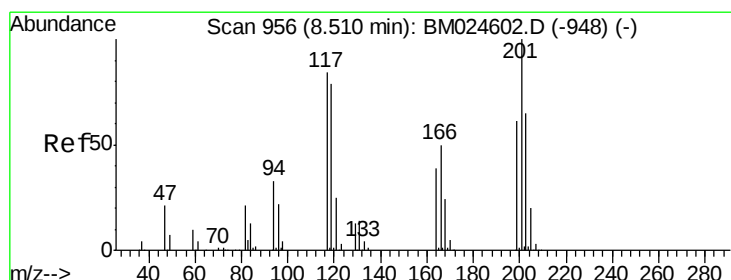
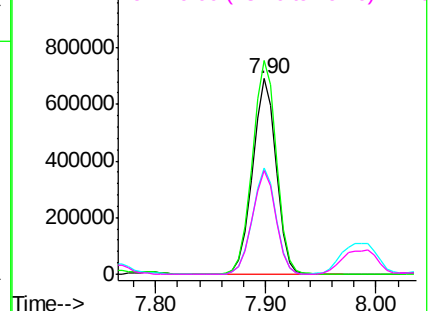
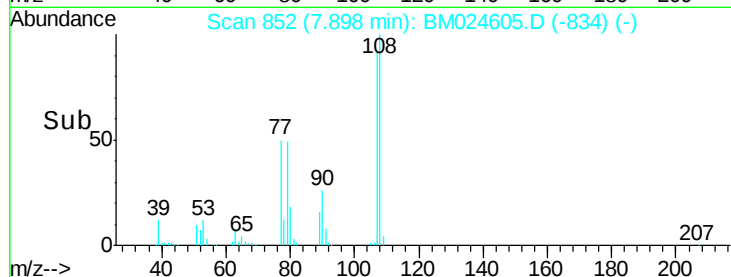
Abundance

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: 75.459 ng

RT: 8.51 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

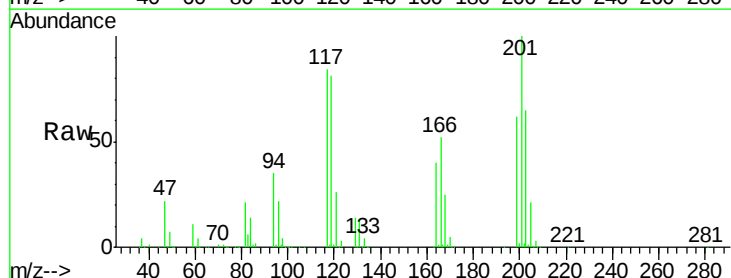
Tgt Ion:117 Resp: 570681

Ion Ratio Lower Upper

117 100

119 96.0 75.4 113.2

201 118.8 95.8 143.6

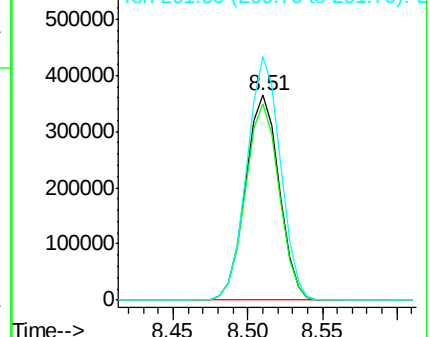
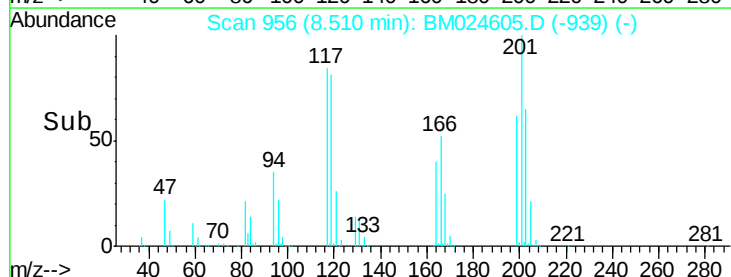


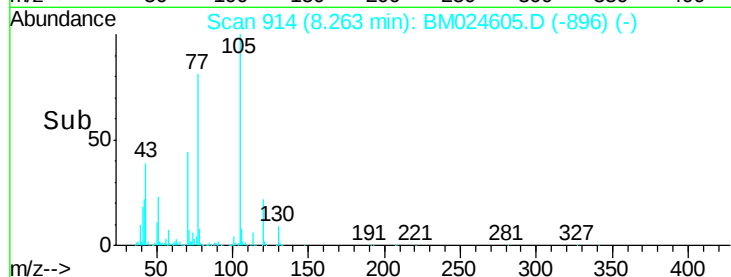
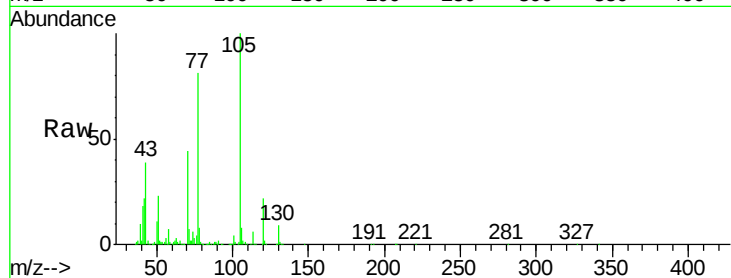
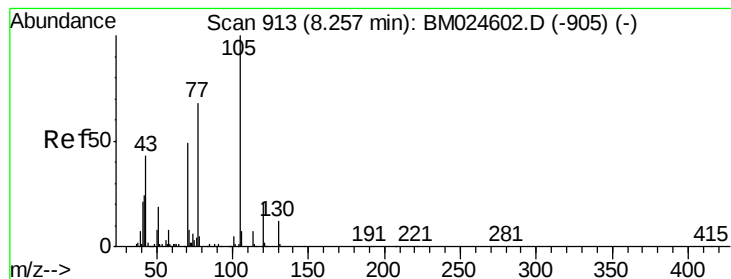
Abundance

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: 79.370 ng

RT: 8.26 min Scan# 914

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 1097994

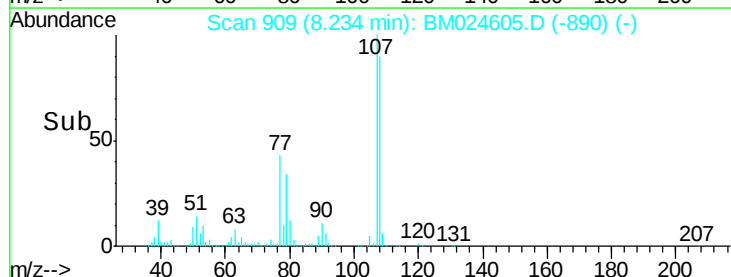
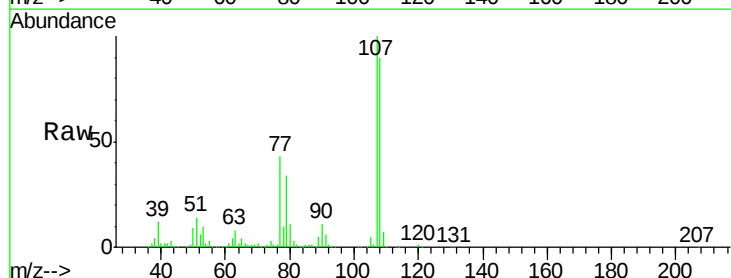
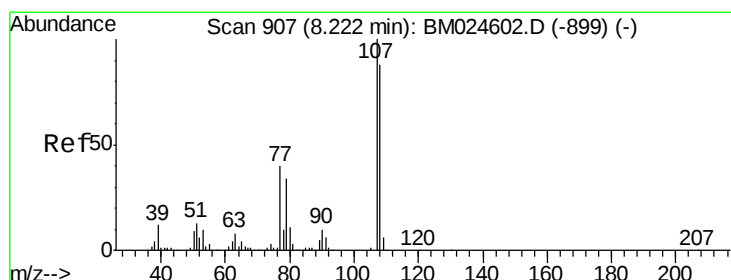
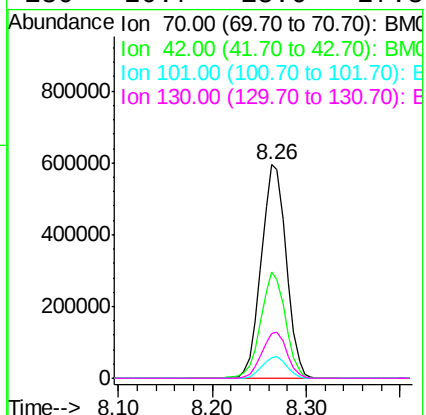
Ion Ratio Lower Upper

70 100

42 49.6 40.0 60.0

101 9.8 8.2 12.2

130 20.7 18.6 27.8



#20

3+4-Methylphenols

Concen: 78.562 ng

RT: 8.23 min Scan# 909

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:107 Resp: 1446152

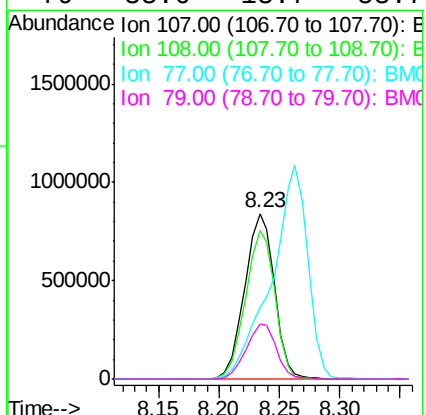
Ion Ratio Lower Upper

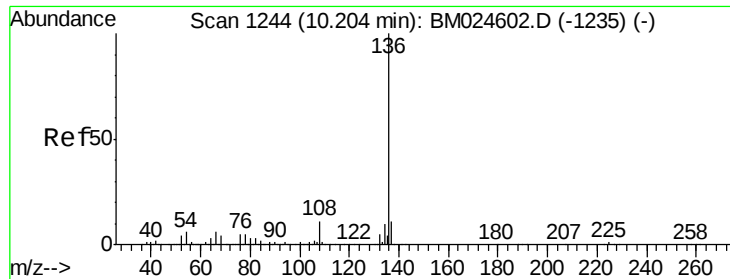
107 100

108 89.9 68.0 108.0

77 43.2 19.9 59.9

79 33.6 13.7 53.7

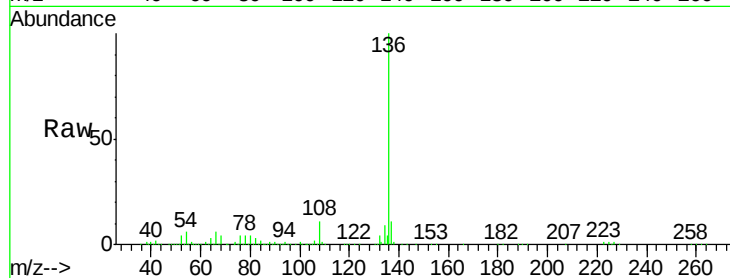




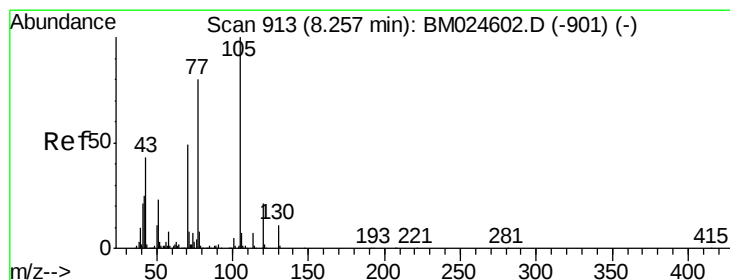
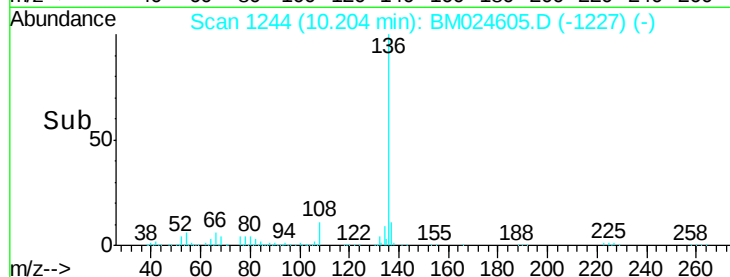
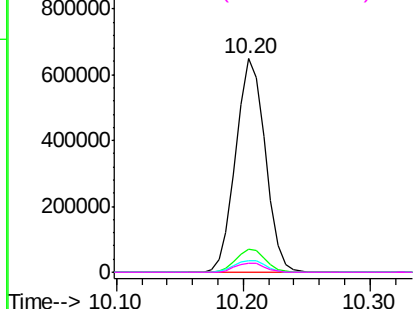
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Instrument :
BNA_M
ClientSampled :

Tot Ion:136	Resp: 1045673
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 5.6	4.5 6.7
68 4.3	3.4 5.0

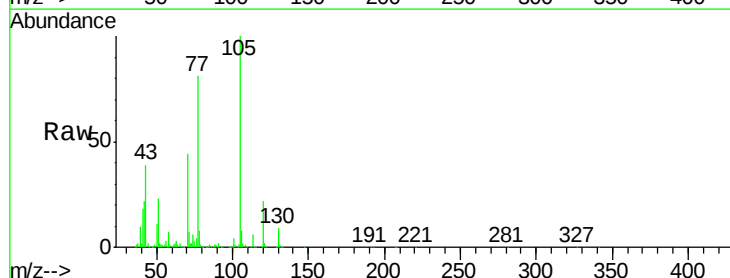


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

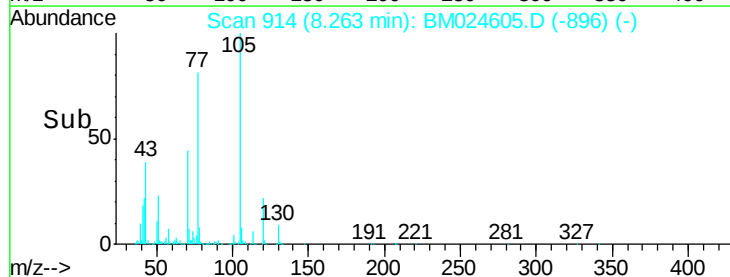
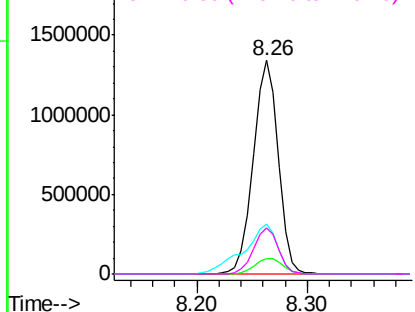


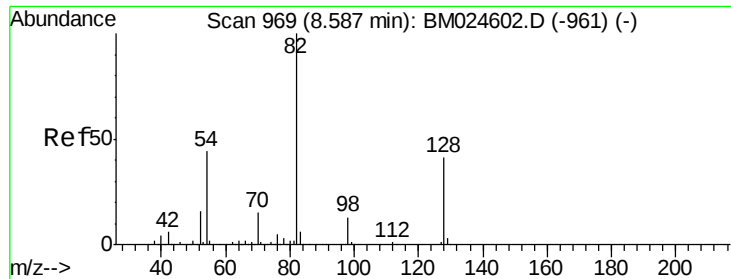
#22
Acetophenone
Concen: 72.680 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt	Ion:105	Resp:	2124277
Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.7	10.1
51	23.5	18.5	27.7
120	21.5	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



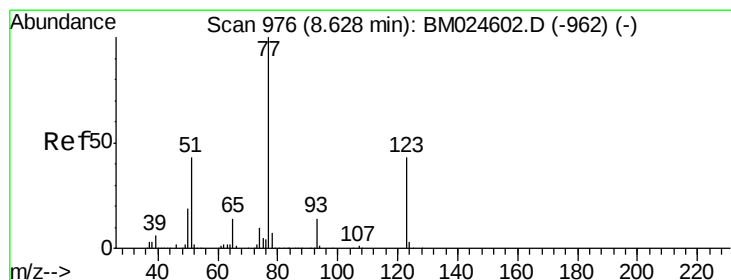
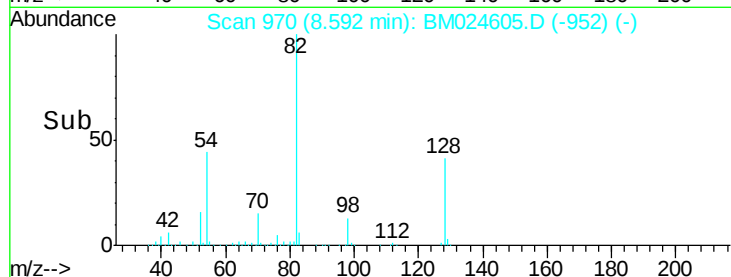
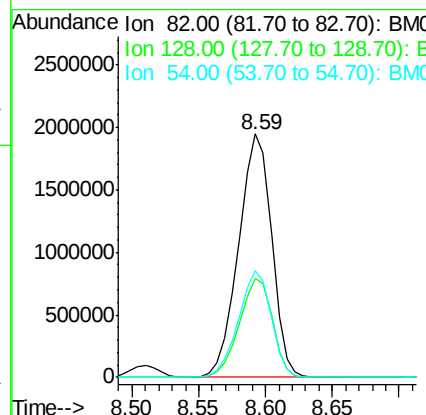
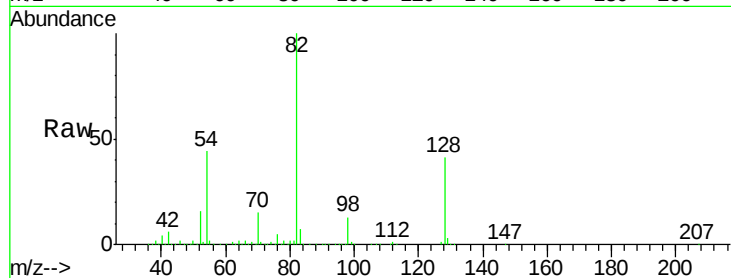


#23
 Nitrobenzene-d5
 Concen: 154.650 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 3349247

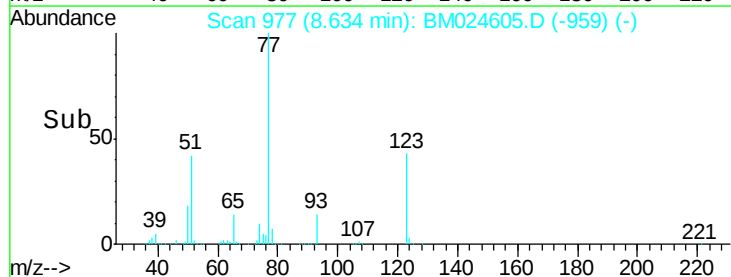
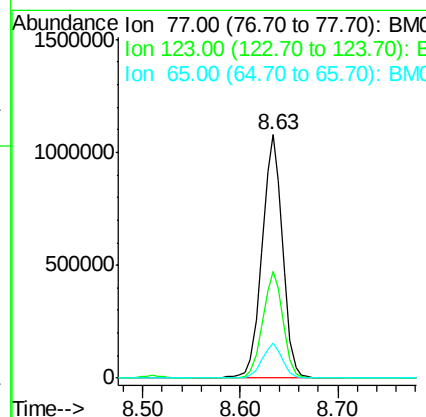
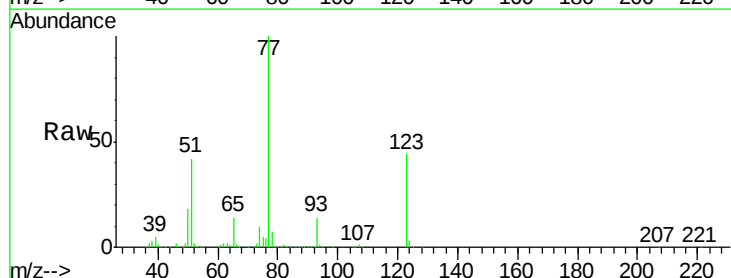
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.6	48.8
54	43.7	34.8	52.2

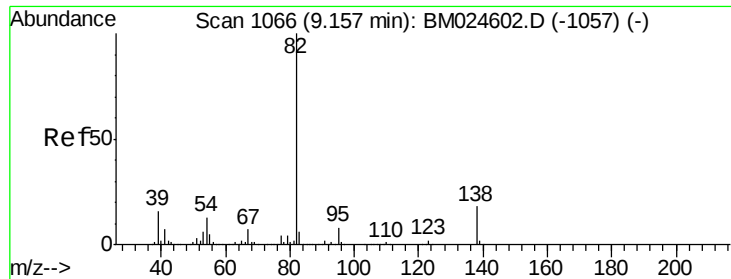


#24
 Nitrobenzene
 Concen: 75.121 ng
 RT: 8.63 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion: 77 Resp: 1594157

Ion	Ratio	Lower	Upper
77	100		
123	43.6	34.6	52.0
65	14.2	11.0	16.4





#25

Isophorone

Concen: 77.998 ng

RT: 9.16 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

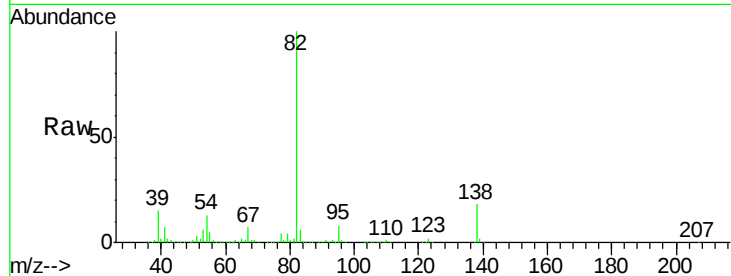
Tot Ion: 82 Resp: 2830016

Ion Ratio Lower Upper

82 100

95 8.1 6.7 10.1

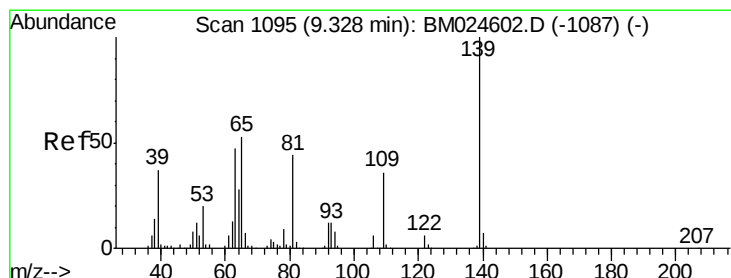
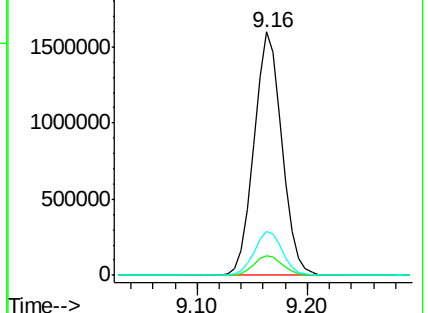
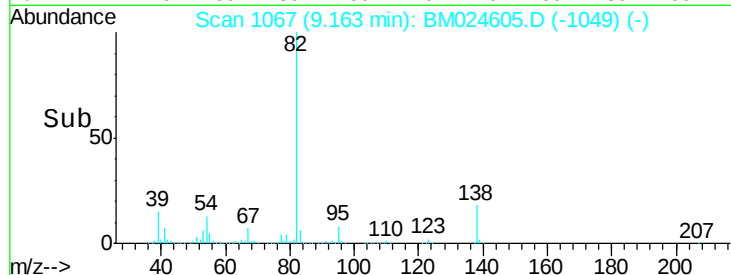
138 18.0 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024605.D (-1057) (-)

Ion 95.00 (94.70 to 95.70): BM024605.D (-1057) (-)

Ion 138.00 (137.70 to 138.70): BM024605.D (-1057) (-)



#26

2-Nitrophenol

Concen: 104.038 ng

RT: 9.33 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

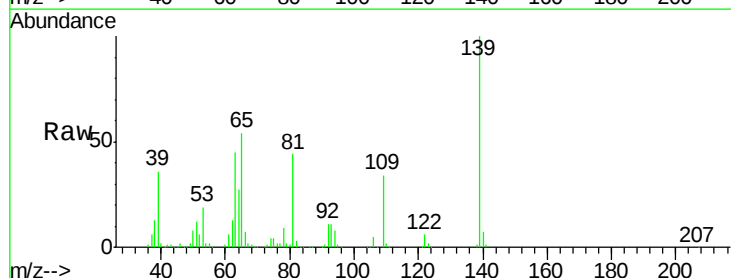
Tgt Ion: 139 Resp: 772840

Ion Ratio Lower Upper

139 100

109 34.5 28.8 43.2

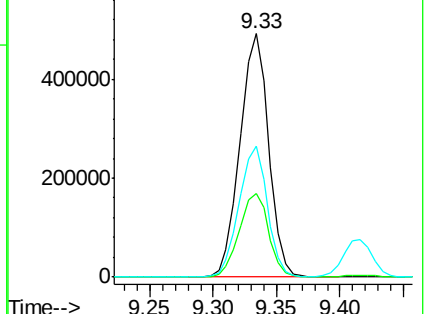
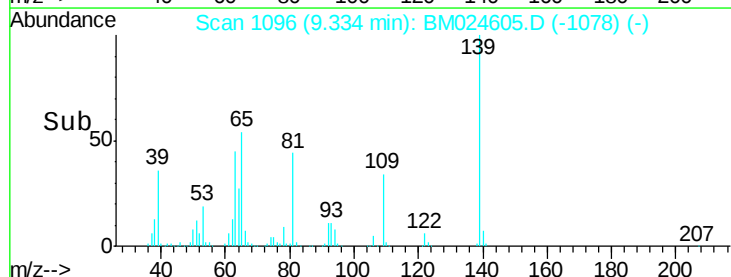
65 53.6 42.6 63.8

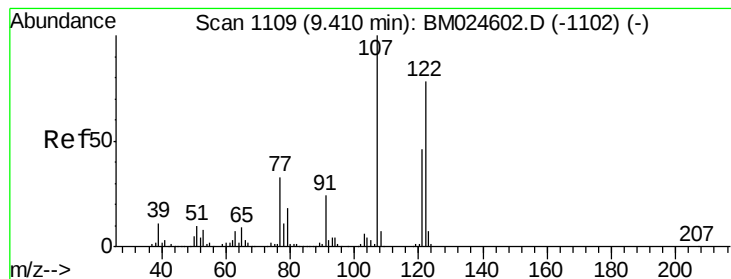


Abundance Ion 139.00 (138.70 to 139.70): BM024605.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM024605.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM024605.D (-1087) (-)





#27

2,4-Dimethylphenol

Concen: 79.997 ng

RT: 9.42 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampled :

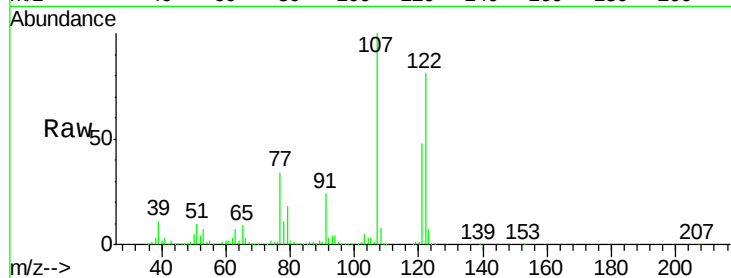
Tot Ion:122 Resp: 1024218

Ion Ratio Lower Upper

122 100

107 123.9 102.5 153.7

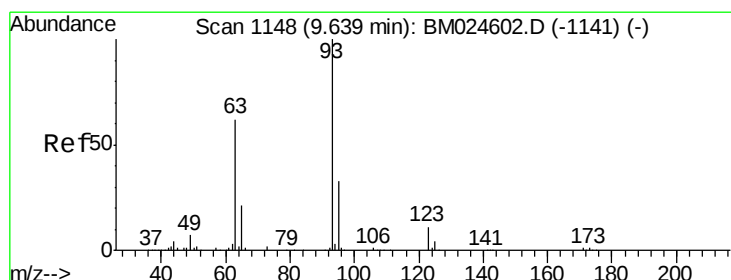
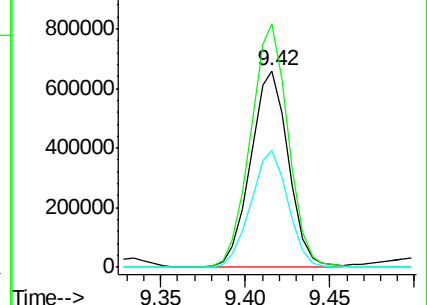
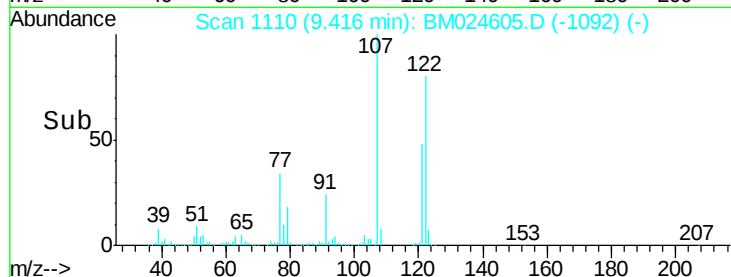
121 59.5 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 76.981 ng

RT: 9.65 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

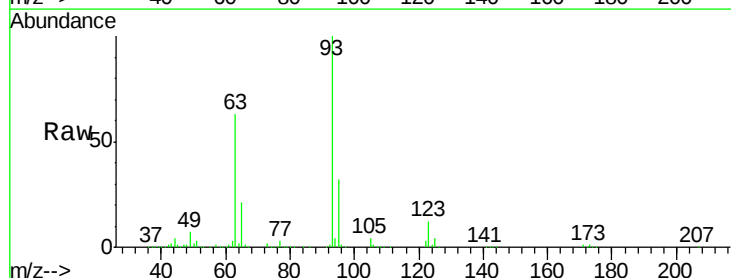
Tgt Ion: 93 Resp: 1713773

Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

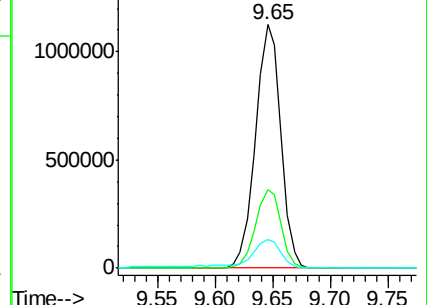
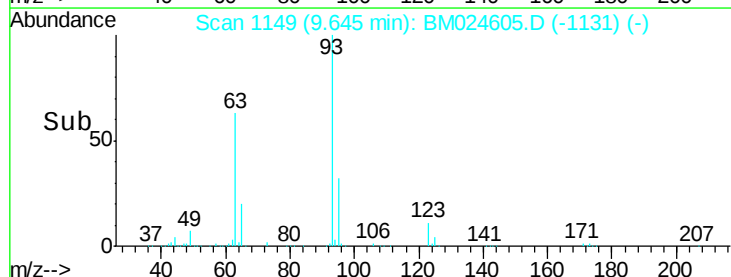
123 11.7 8.7 13.1

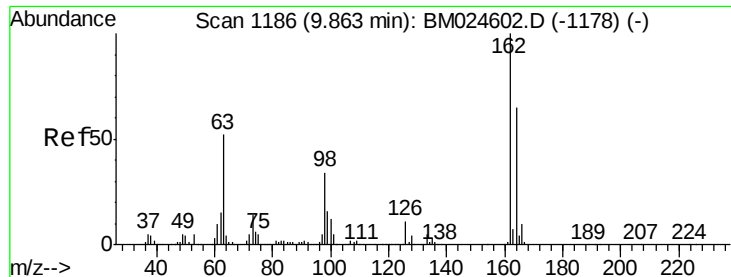


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

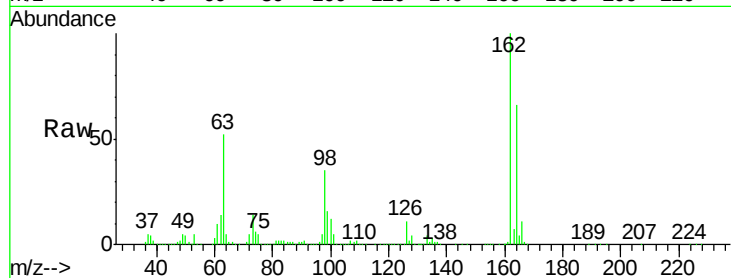




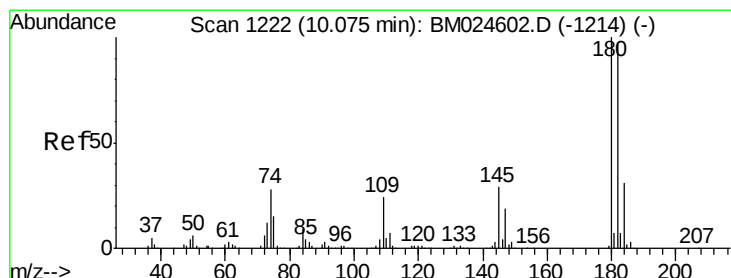
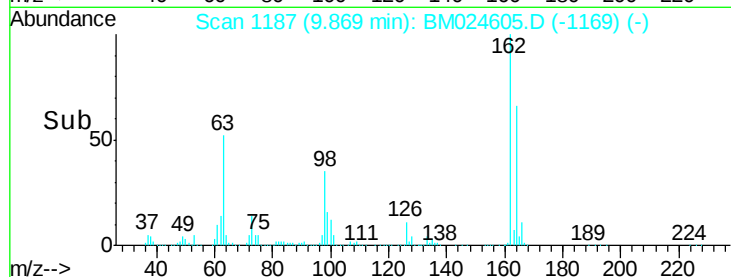
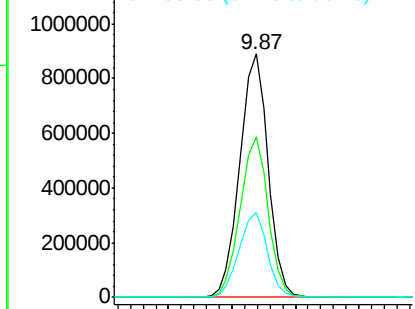
#29
2,4-Dichlorophenol
Concen: 82.148 ng
RT: 9.87 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 1380747
Ion Ratio Lower Upper
162 100
164 65.8 44.5 84.5
98 34.8 14.2 54.2

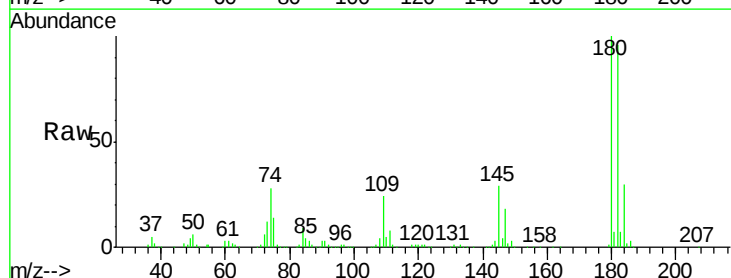


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

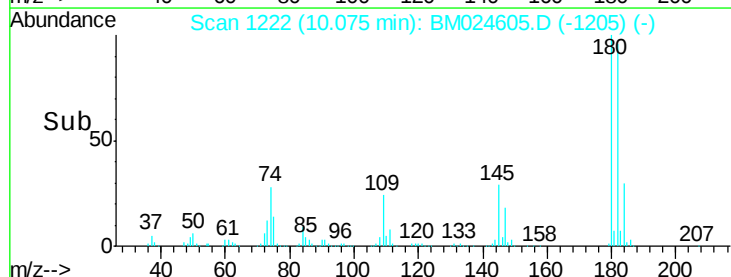
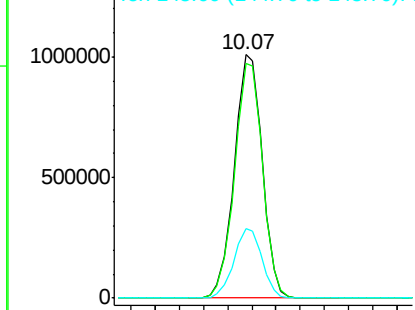


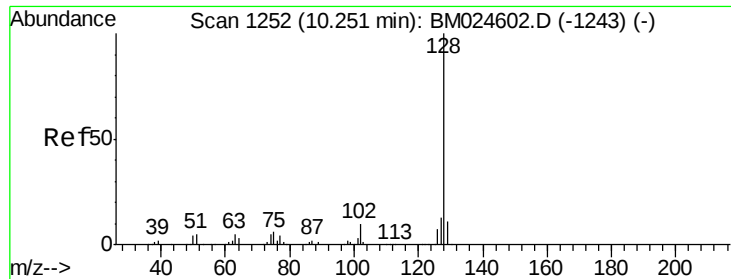
#30
1,2,4-Trichlorobenzene
Concen: 79.381 ng
RT: 10.07 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:180 Resp: 1625864
Ion Ratio Lower Upper
180 100
182 96.4 77.8 116.6
145 28.8 22.9 34.3



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

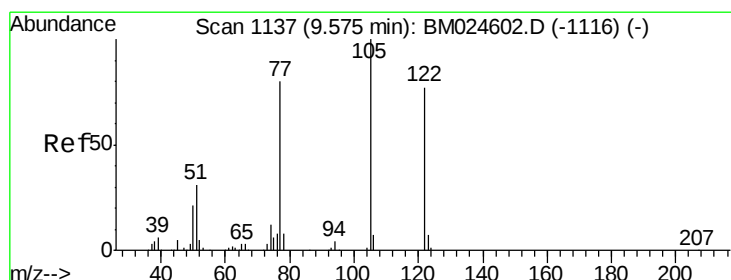
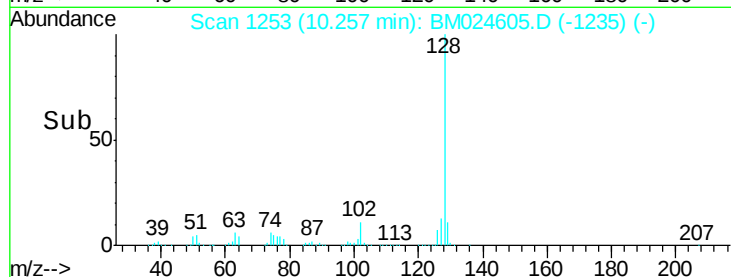
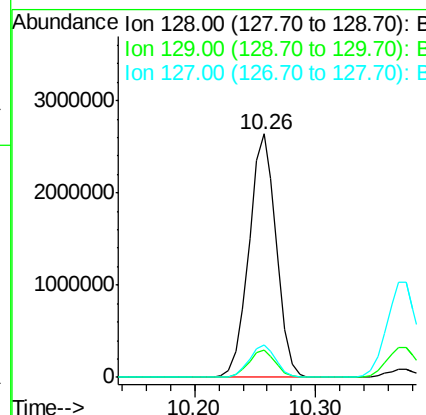
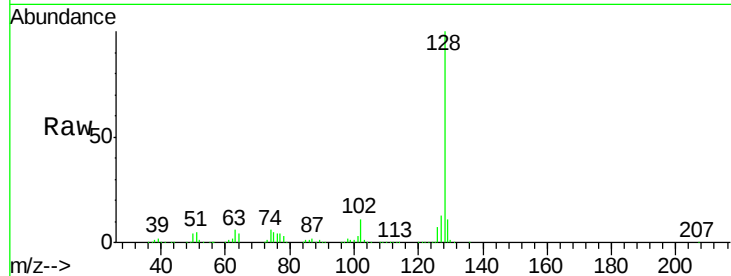




#31
Naphthalene
Concen: 73.259 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

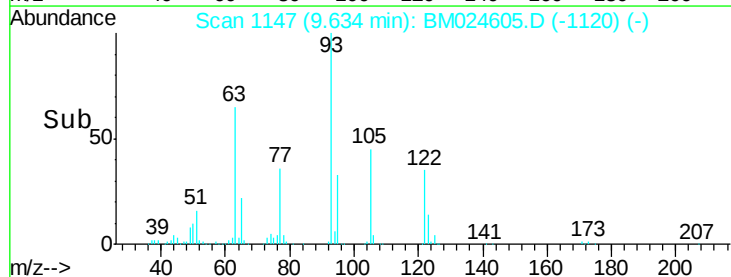
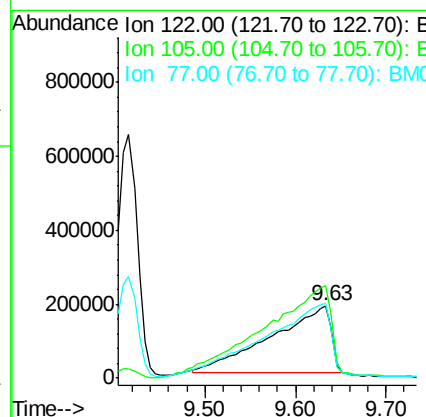
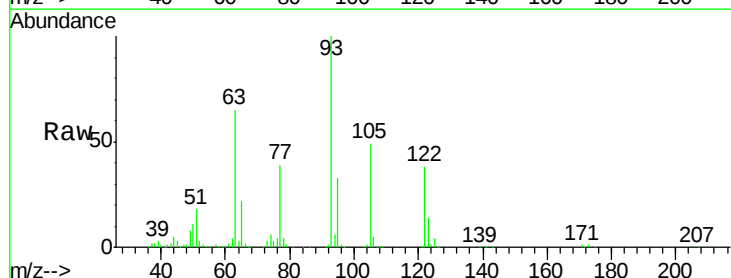
Instrument :
BNA_M
ClientSampleId :

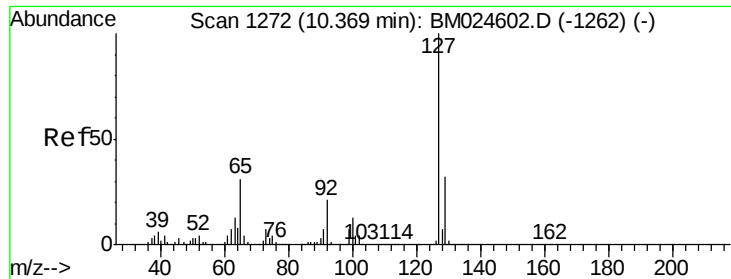
Tot Ion:128 Resp: 4137493
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 101.685 ng
RT: 9.63 min Scan# 1147
Delta R.T. 0.06 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:122 Resp: 837086
Ion Ratio Lower Upper
122 100
105 128.5 107.7 147.7
77 103.5 83.8 123.8

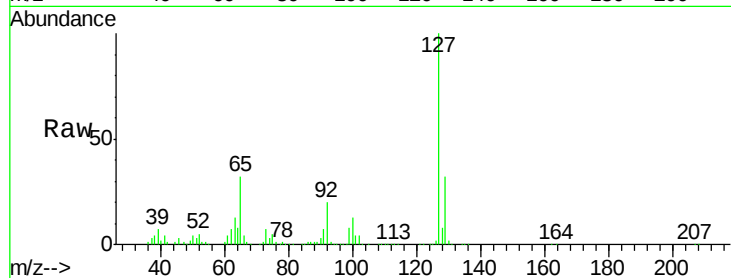




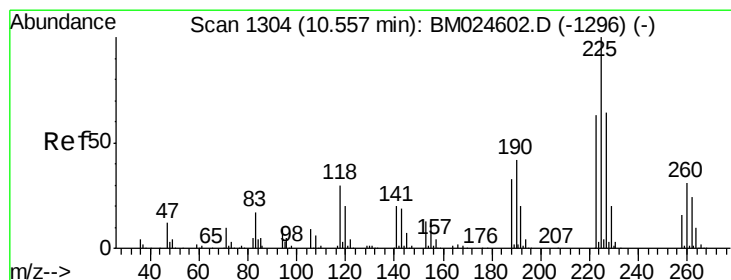
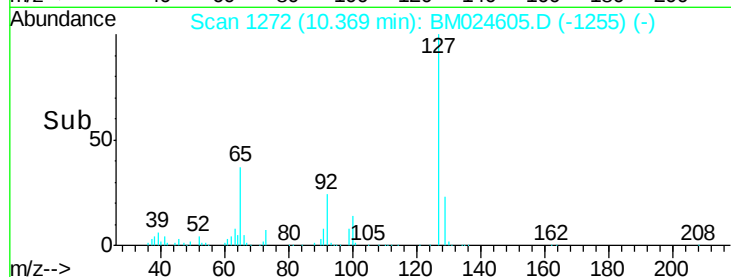
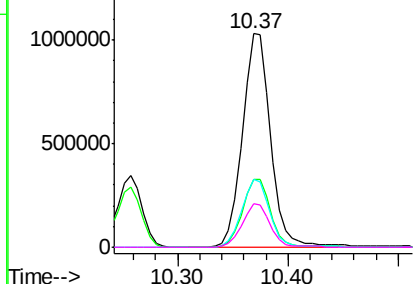
#33
4-Chloroaniline
Concen: 73.521 ng
RT: 10.37 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 1840950
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 31.6 25.1 37.7
92 20.2 16.6 25.0

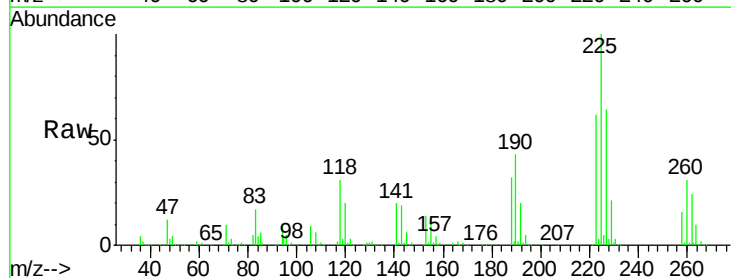


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

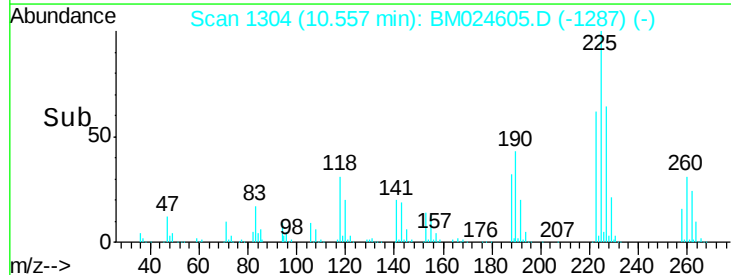
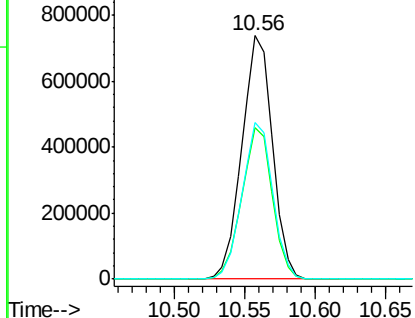


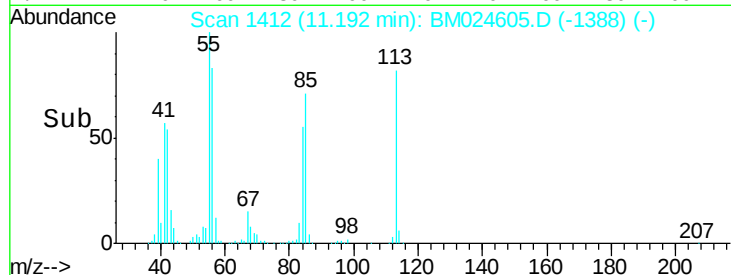
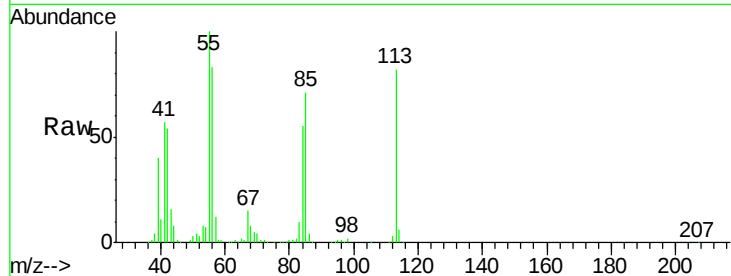
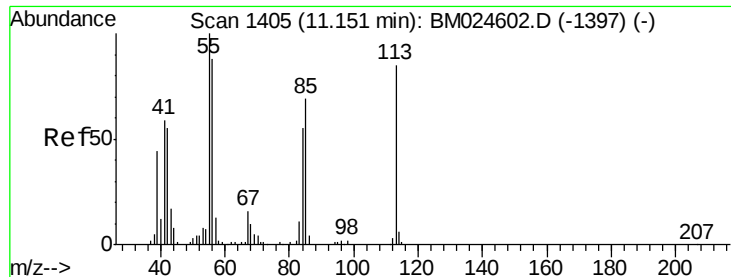
#34
Hexachlorobutadiene
Concen: 82.917 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:225 Resp: 1121620
Ion Ratio Lower Upper
225 100
223 62.1 50.7 76.1
227 64.2 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

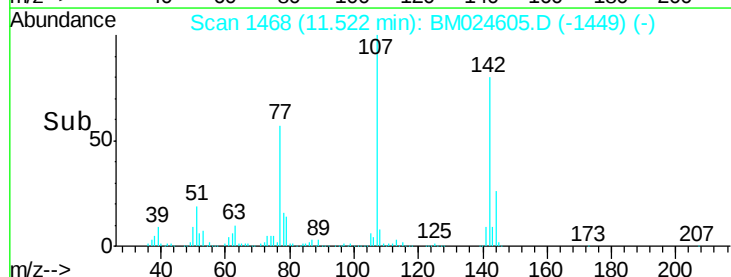
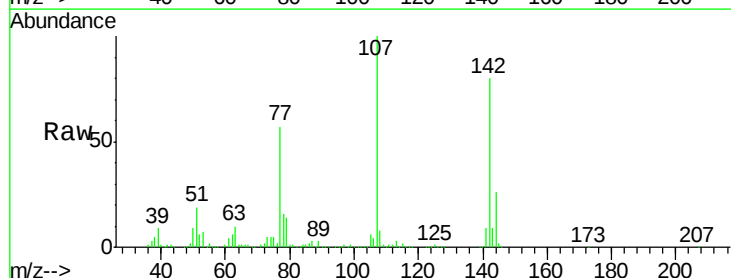
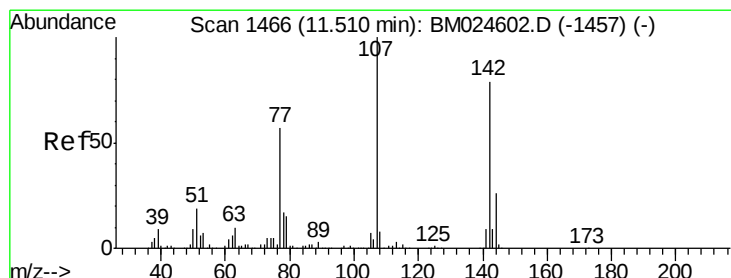
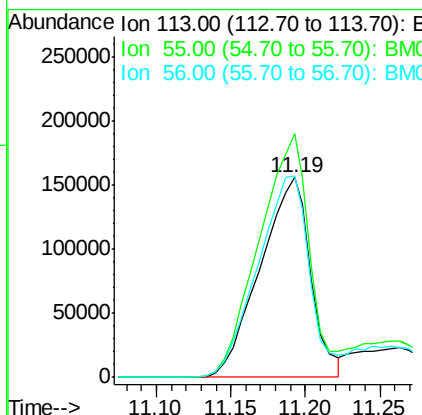




#35
Caprolactam
Concen: 71.433 ng
RT: 11.19 min Scan# 1412
Delta R.T. 0.04 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

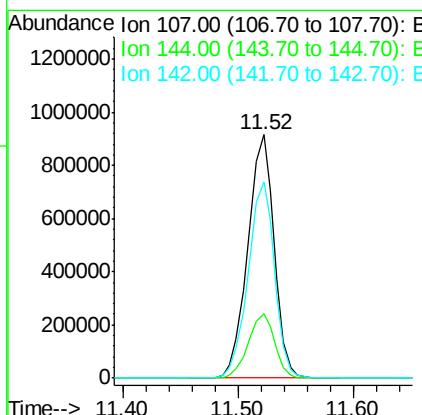
Instrument :
BNA_M
ClientSampled :

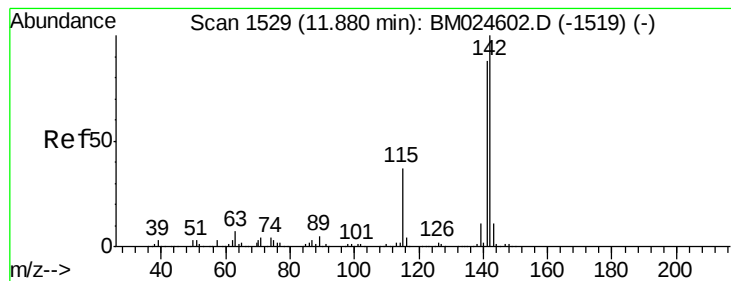
Tot Ion:113 Resp: 366013
Ion Ratio Lower Upper
113 100
55 122.0 97.5 137.5
56 101.1 83.4 123.4



#36
4-Chloro-3-methylphenol
Concen: 82.742 ng
RT: 11.52 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:107 Resp: 1458005
Ion Ratio Lower Upper
107 100
144 26.3 20.5 30.7
142 80.4 62.8 94.2





#37

2-Methylnaphthalene

Concen: 77.862 ng

RT: 11.88 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

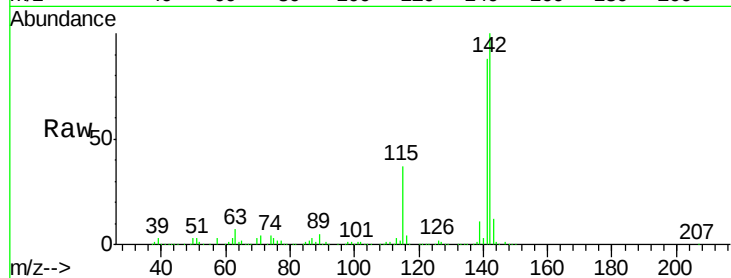
Tot Ion:142 Resp: 3221585

Ion Ratio Lower Upper

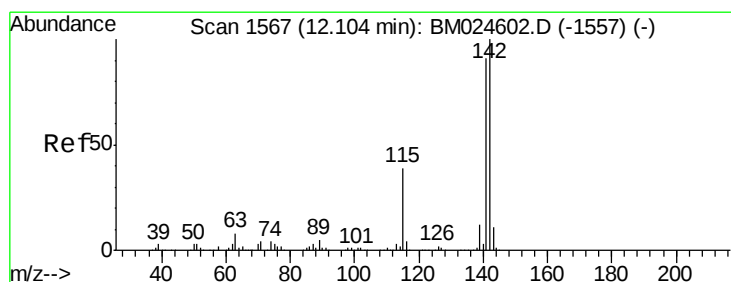
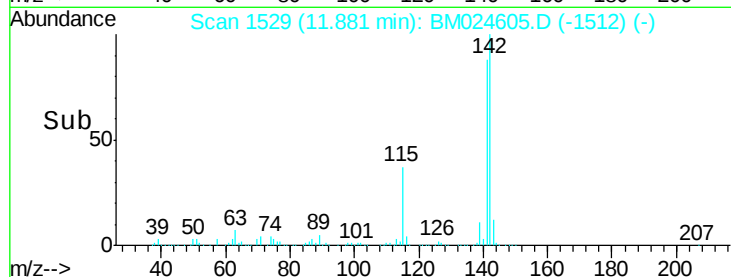
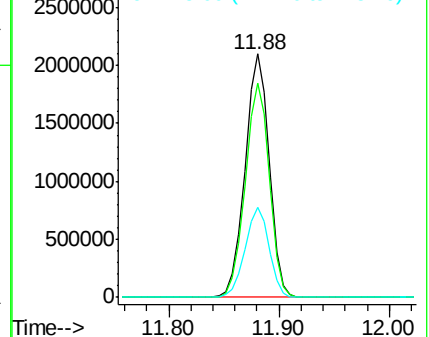
142 100

141 88.0 70.2 105.2

115 37.0 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: 77.158 ng

RT: 12.10 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

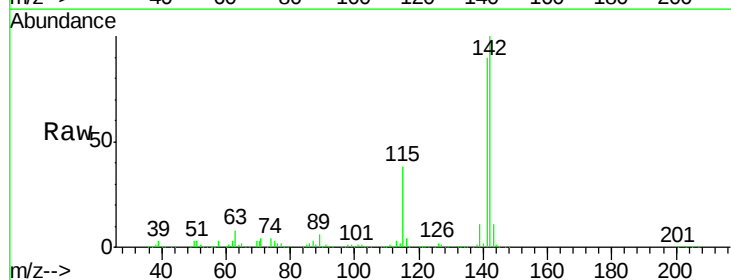
Tgt Ion:142 Resp: 3041538

Ion Ratio Lower Upper

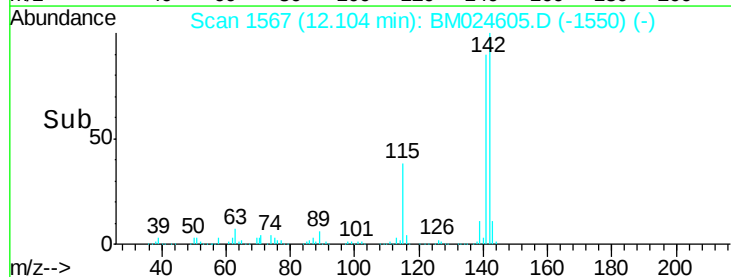
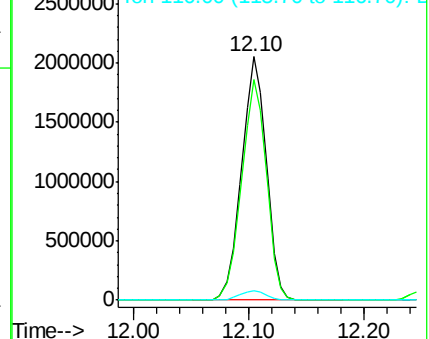
142 100

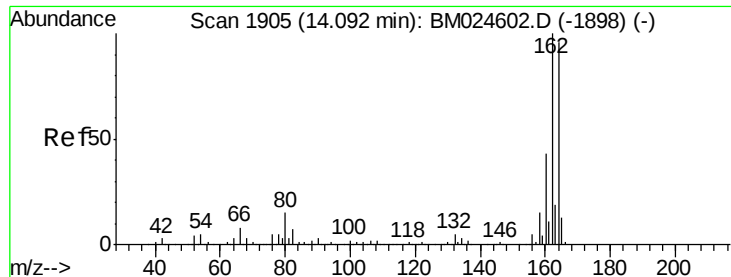
141 90.4 72.8 109.2

116 4.0 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: 14.10 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

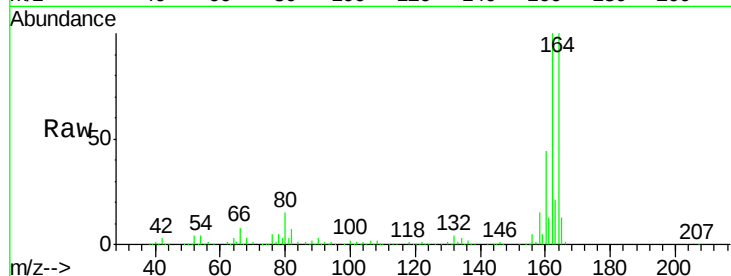
Tot Ion:164 Resp: 734221

Ion Ratio Lower Upper

164 100

162 99.9 82.9 124.3

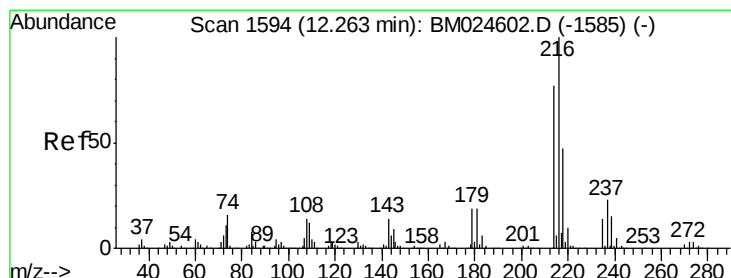
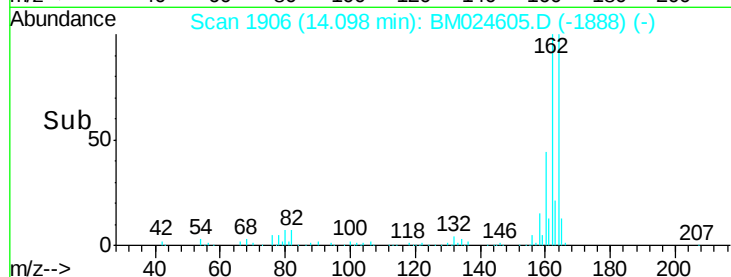
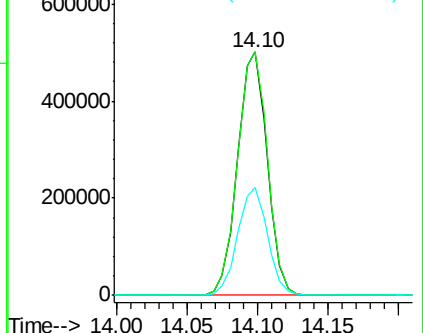
160 44.4 35.5 53.3



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: 80.544 ng

RT: 12.26 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:216 Resp: 2066032

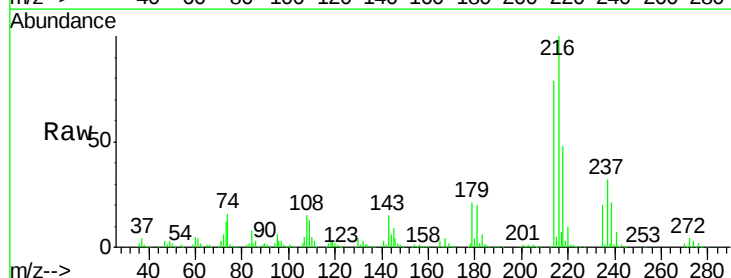
Ion Ratio Lower Upper

216 100

214 78.5 62.3 93.5

179 20.2 16.1 24.1

108 15.9 13.0 19.6

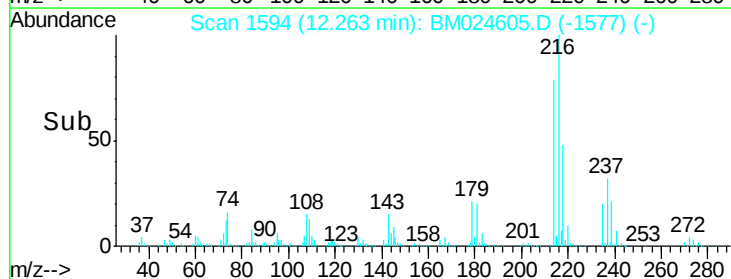
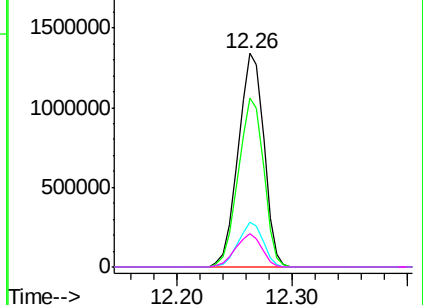


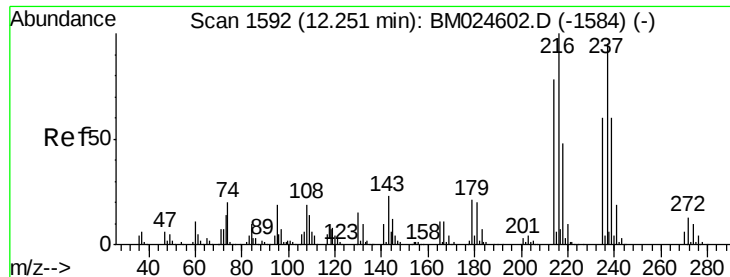
Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.614 ng

RT: 12.25 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

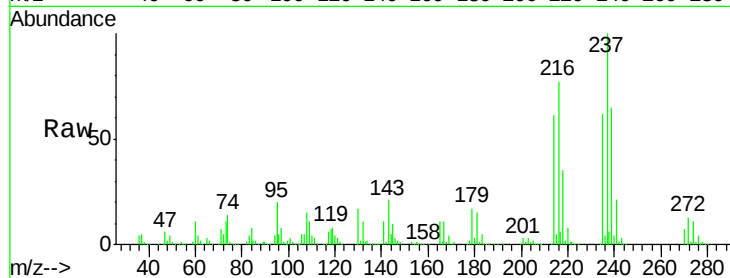
Tot Ion:237 Resp: 1155719

Ion Ratio Lower Upper

237 100

235 62.2 43.3 83.3

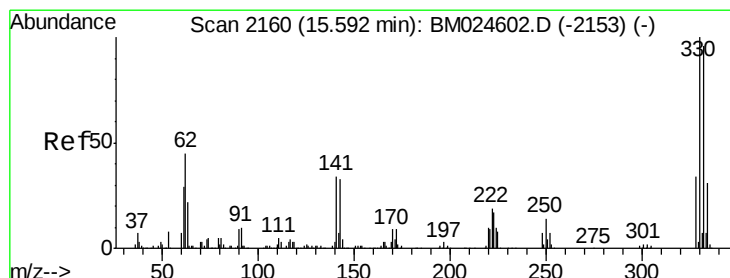
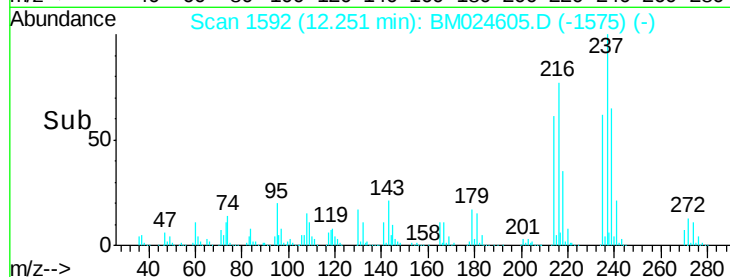
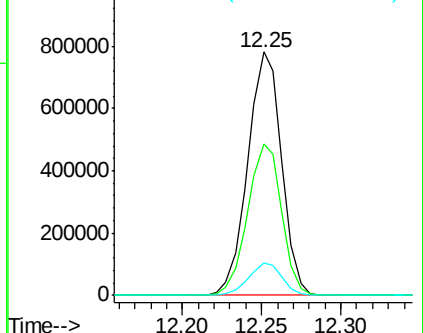
272 13.2 0.0 33.4



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: 189.788 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

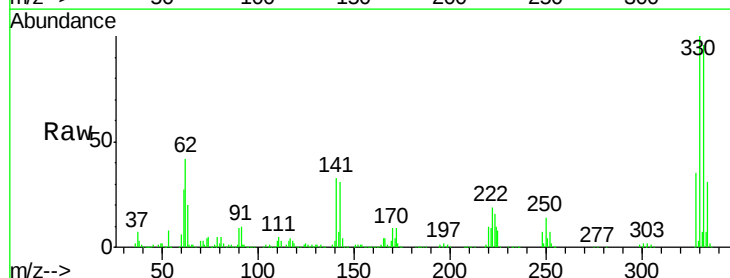
Tgt Ion:330 Resp: 1916460

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

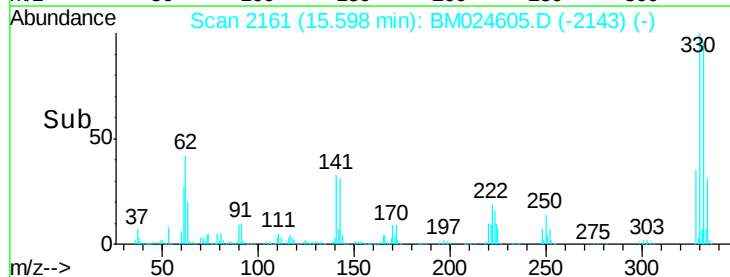
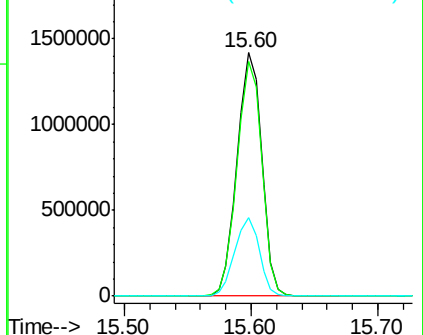
141 32.2 26.9 40.3

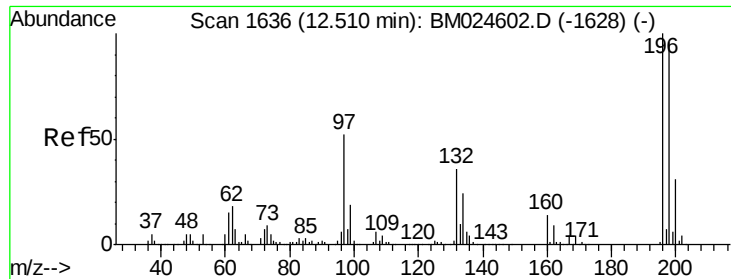


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

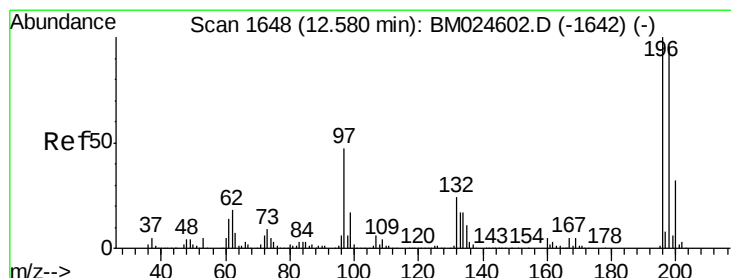
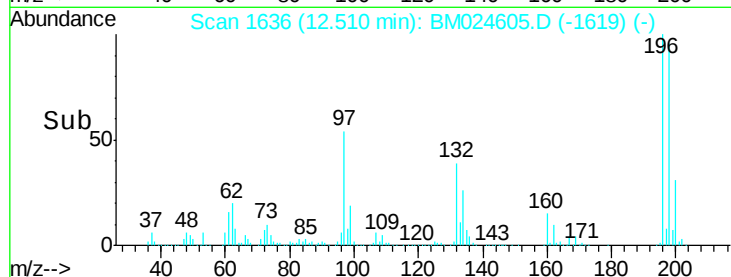
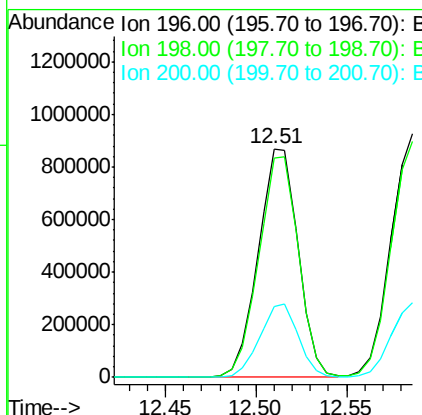
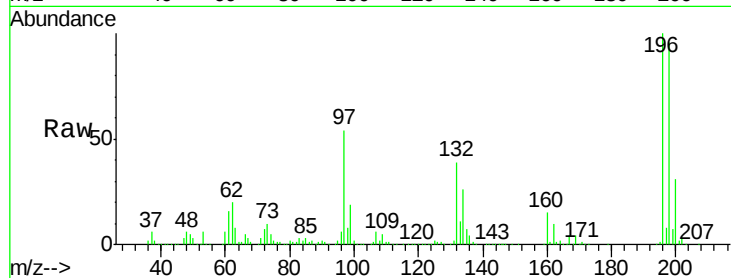




#43
 2,4,6-Trichlorophenol
 Concen: 90.726 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

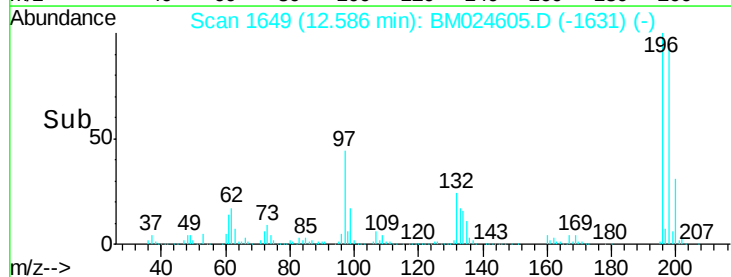
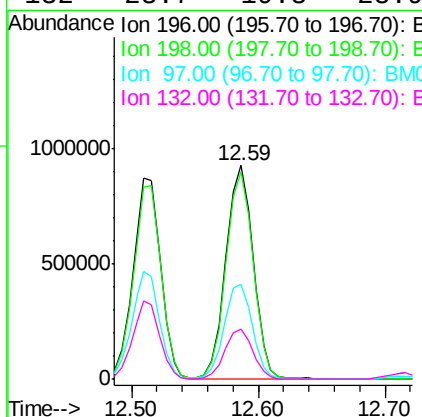
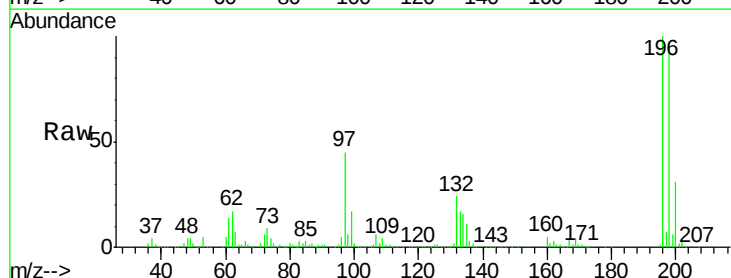
Instrument :
 BNA_M
 ClientSampleId :

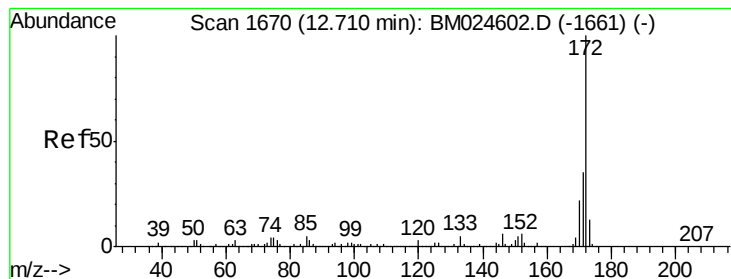
Tot Ion:196 Resp: 1325526
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.5 114.7
 200 31.2 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 87.232 ng
 RT: 12.59 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion:196 Resp: 1371605
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.2 115.8
 97 44.7 37.4 56.0
 132 23.7 19.3 28.9



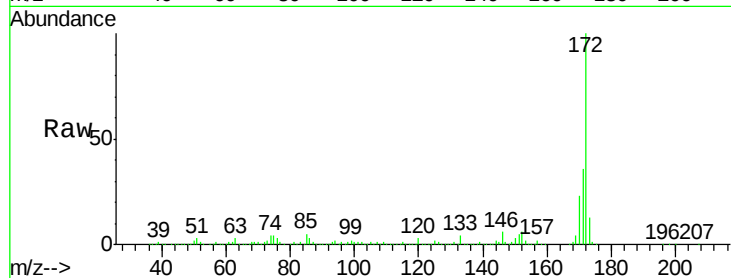


#45
 2-Fluorobiphenyl
 Concen: 155.124 ng
 RT: 12.72 min Scan# 1671
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

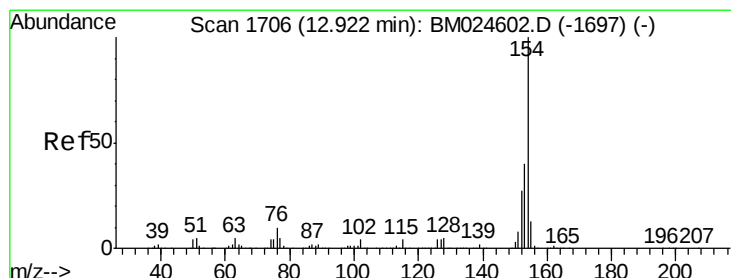
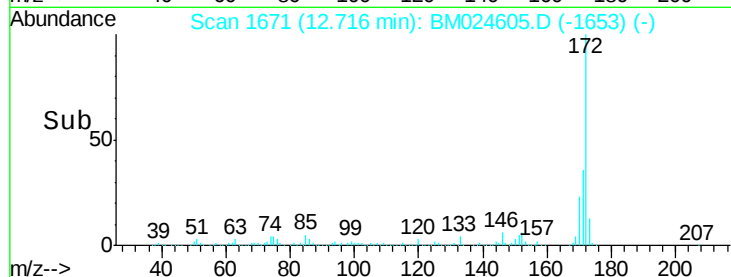
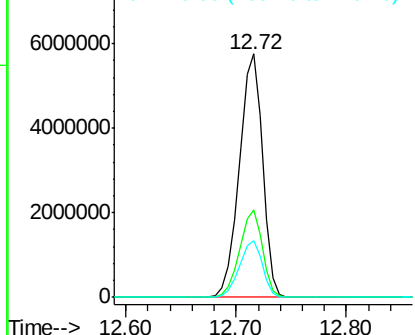
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 8507972

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	23.3	17.9	26.9



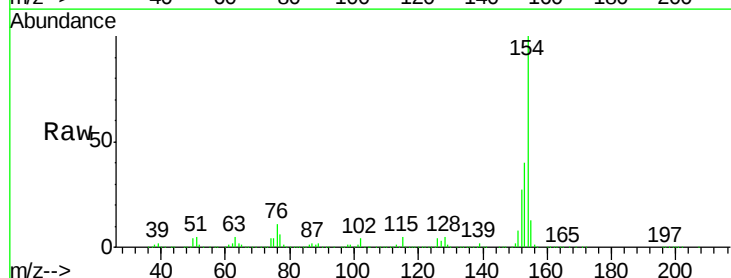
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



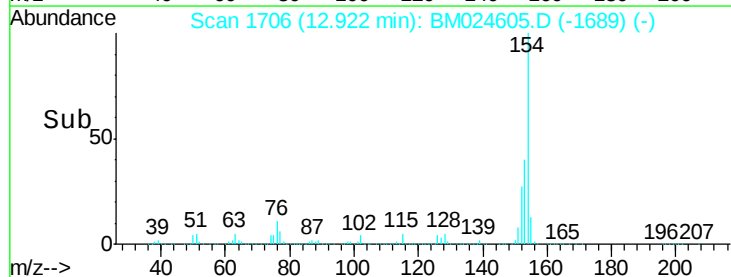
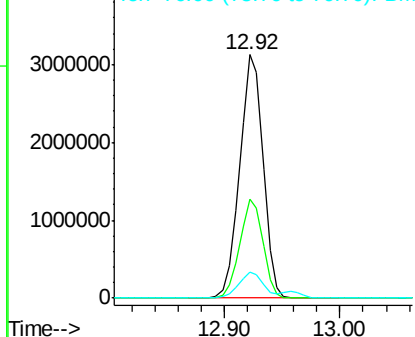
#46
 1,1'-Biphenyl
 Concen: 74.059 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

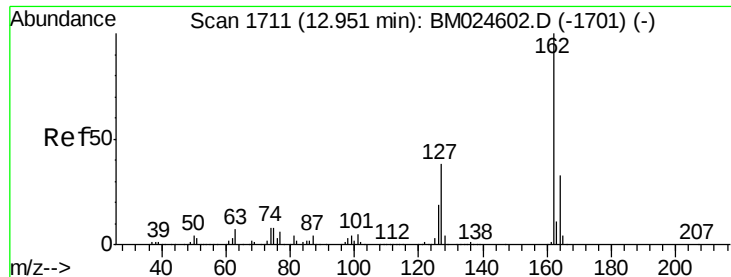
Tgt Ion:154 Resp: 4370500

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	10.9	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

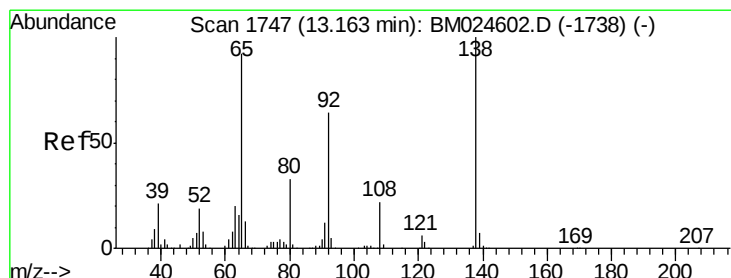
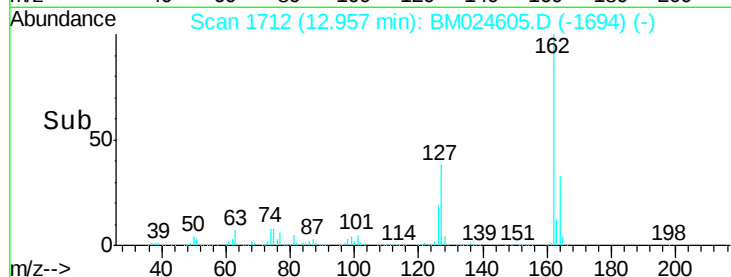
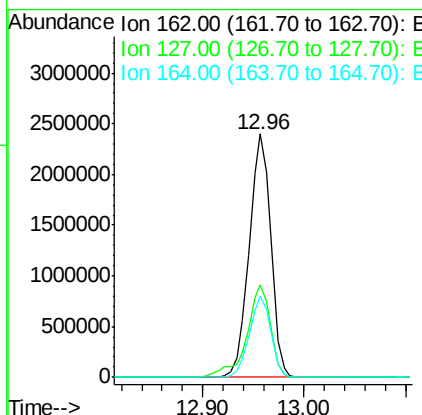
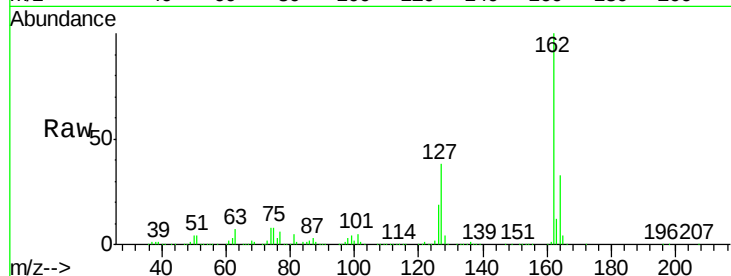




#47
2-Chloronaphthalene
Concen: 74.068 ng
RT: 12.96 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

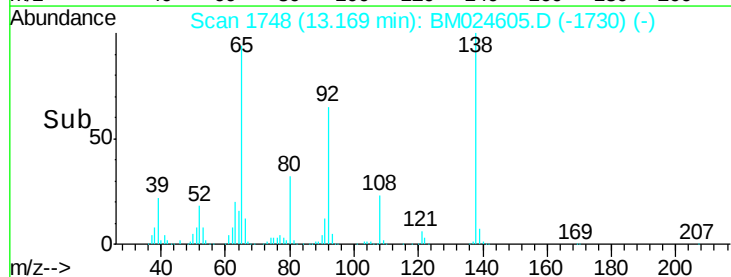
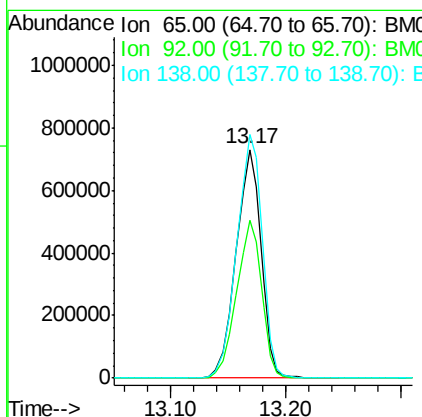
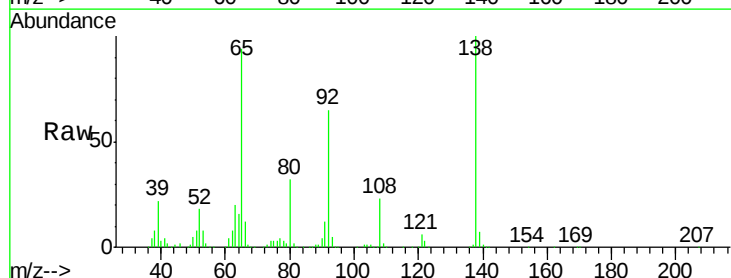
Instrument :
BNA_M
ClientSampleId :

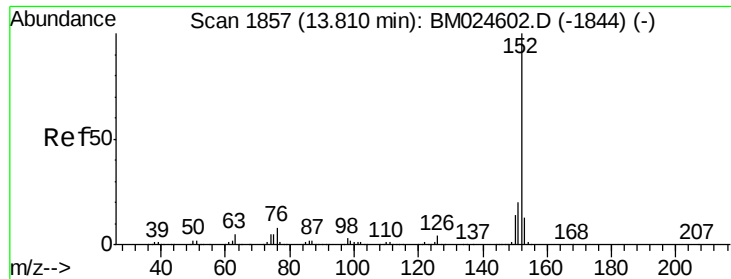
Tot Ion:162 Resp: 3542769
Ion Ratio Lower Upper
162 100
127 38.0 30.4 45.6
164 33.3 26.5 39.7



#48
2-Nitroaniline
Concen: 75.827 ng
RT: 13.17 min Scan# 1748
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion: 65 Resp: 1100685
Ion Ratio Lower Upper
65 100
92 68.9 55.4 83.2
138 106.6 86.6 129.8





#49

Acenaphthylene

Concen: 73.331 ng

RT: 13.82 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

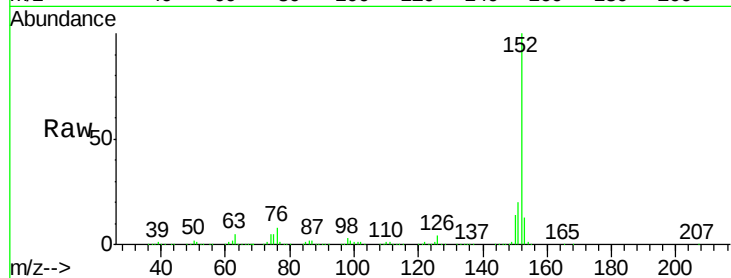
Tot Ion:152 Resp: 5310458

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

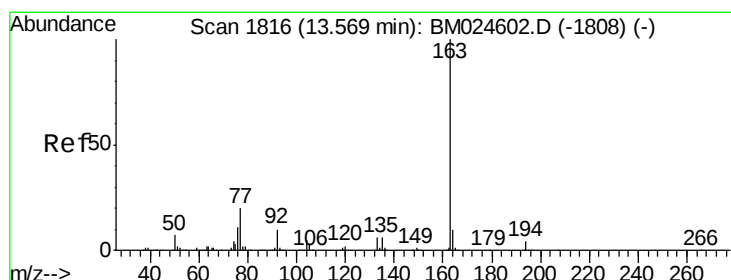
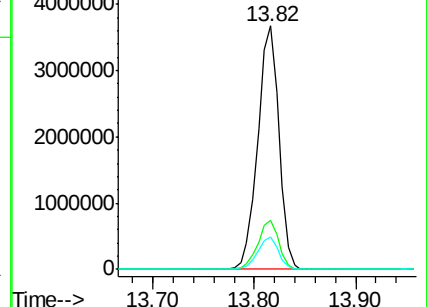
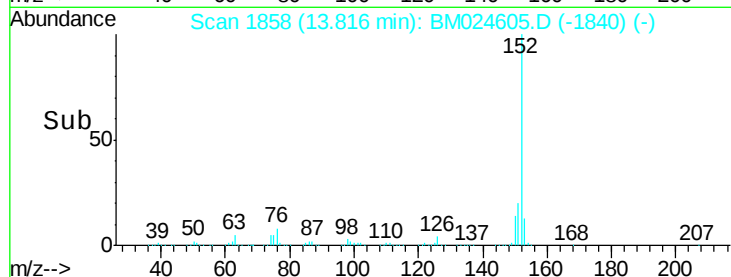
153 13.2 10.4 15.6



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: 76.097 ng

RT: 13.58 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

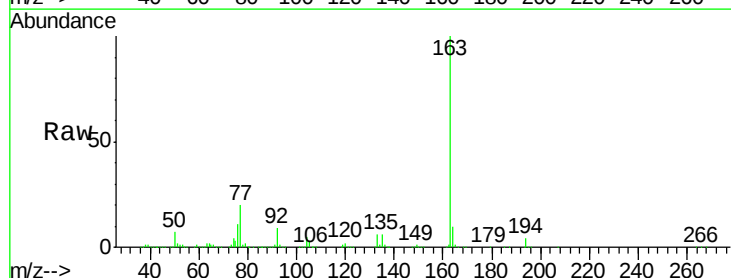
Tgt Ion:163 Resp: 4631482

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

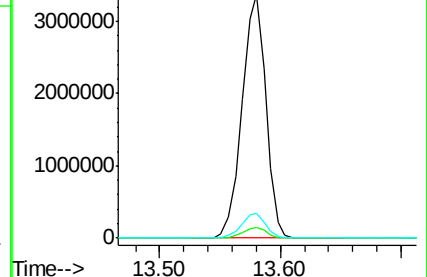
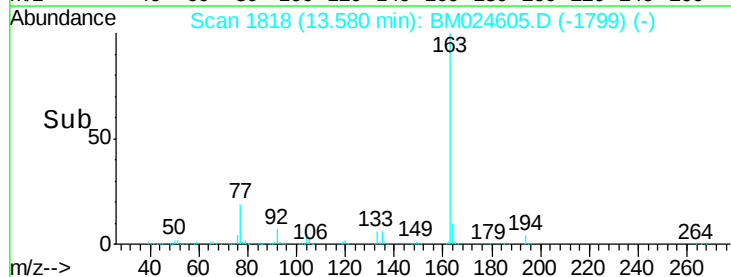
164 9.9 8.0 12.0

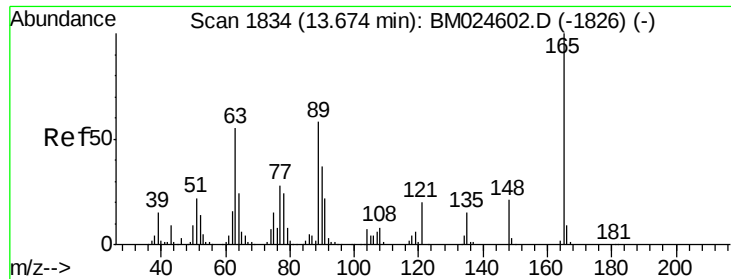


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

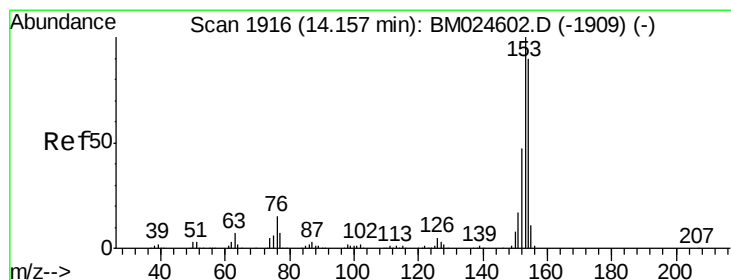
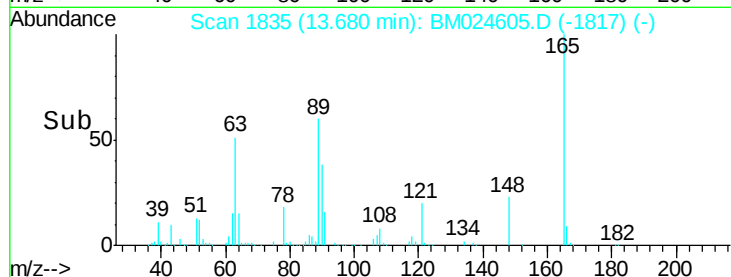
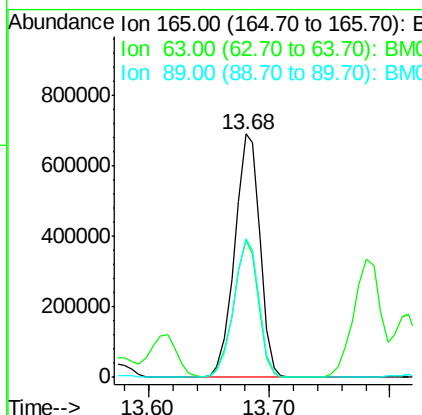
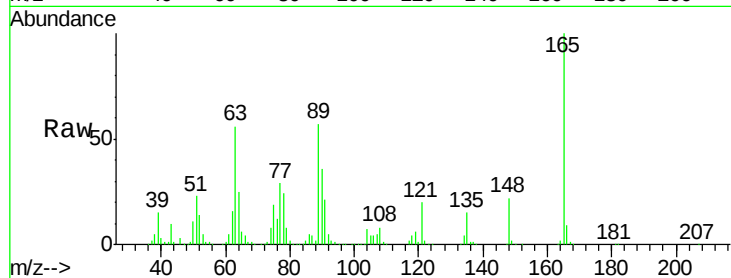




#51
 2,6-Dinitrotoluene
 Concen: 77.278 ng
 RT: 13.68 min Scan# 1835
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

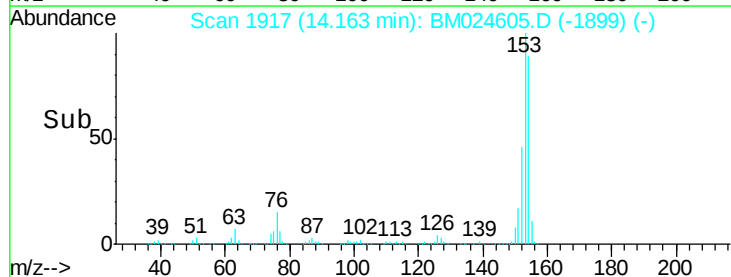
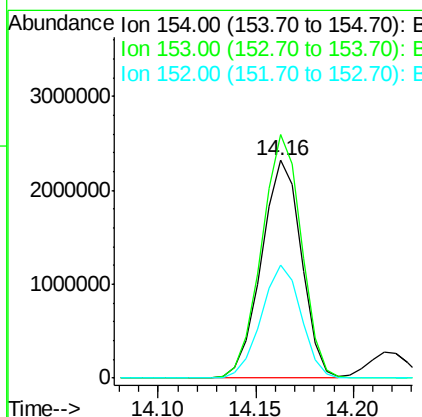
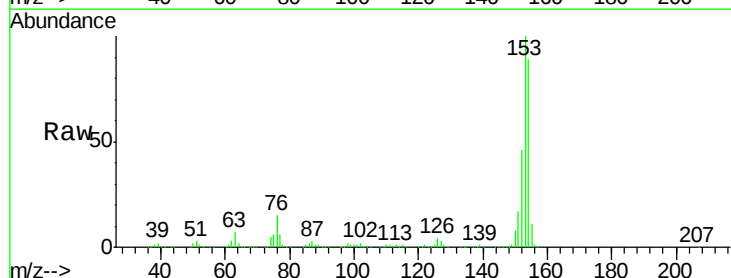
Instrument :
 BNA_M
 ClientSampled :

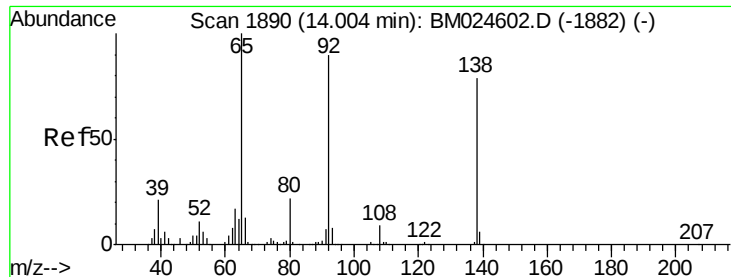
Tot Ion:165 Resp: 1003164
 Ion Ratio Lower Upper
 165 100
 63 56.3 45.4 68.0
 89 57.2 46.6 69.8



#52
 Acenaphthene
 Concen: 74.675 ng
 RT: 14.16 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion:154 Resp: 3306539
 Ion Ratio Lower Upper
 154 100
 153 111.9 89.1 133.7
 152 51.8 41.9 62.9

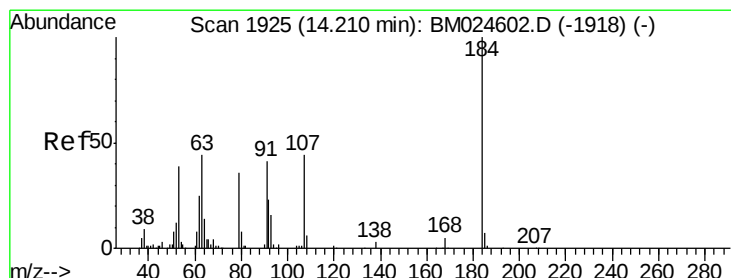
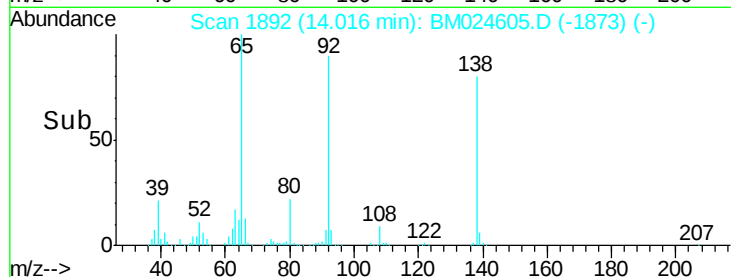
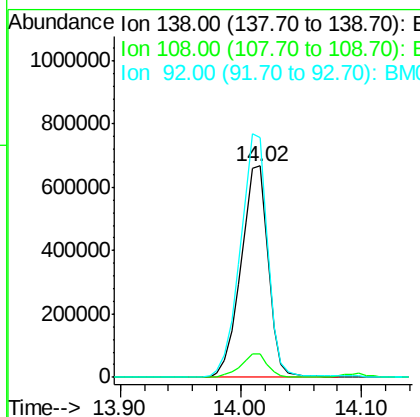
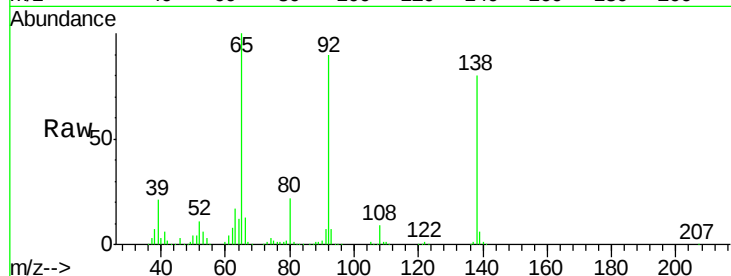




#53
3-Nitroaniline
Concen: 74.757 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

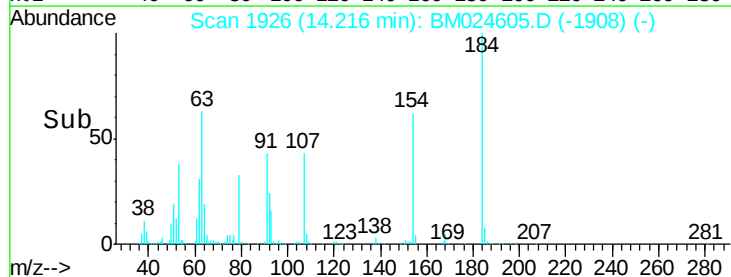
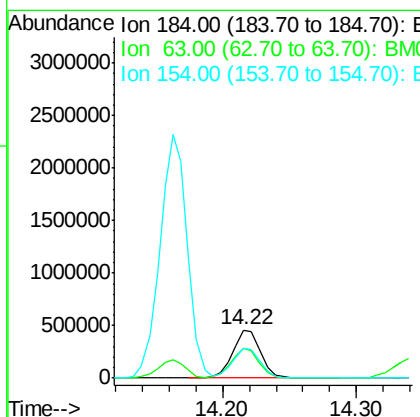
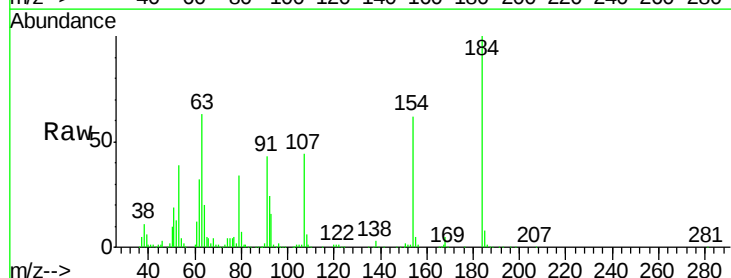
Instrument :
BNA_M
ClientSampleId :

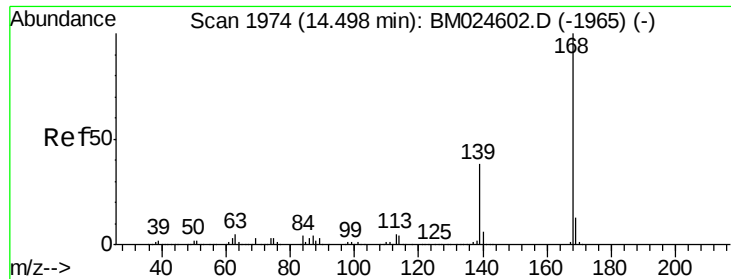
Tot Ion:138 Resp: 1059260
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 113.4 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 126.019 ng
RT: 14.22 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:184 Resp: 661448
Ion Ratio Lower Upper
184 100
63 63.1 51.8 77.8
154 62.1 50.2 75.4

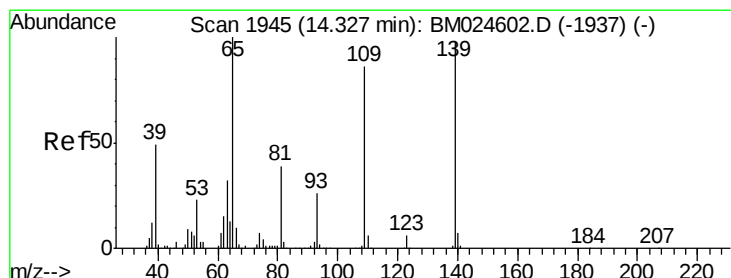
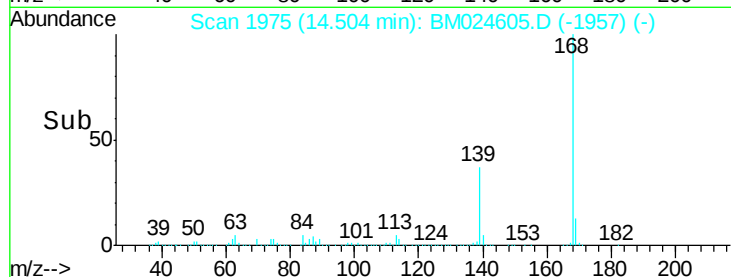
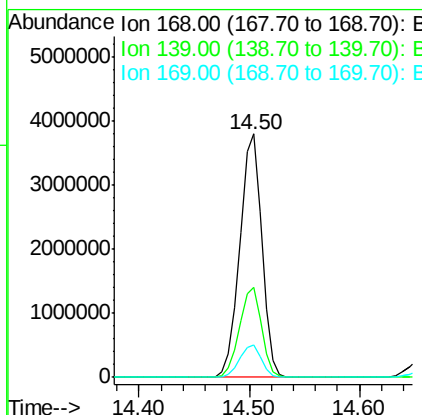
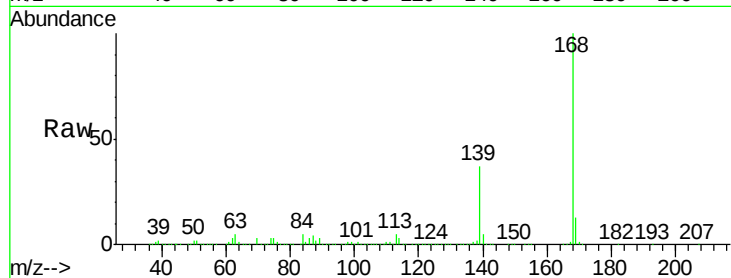




#55
Dibenzofuran
Concen: 74.672 ng
RT: 14.50 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

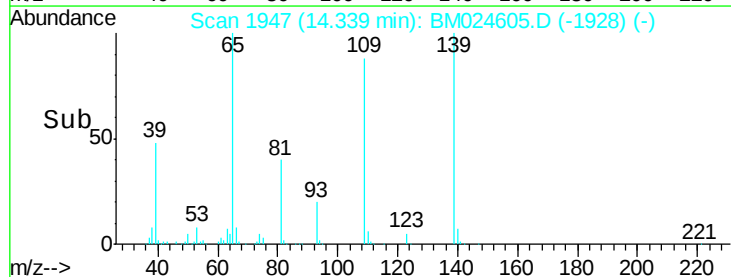
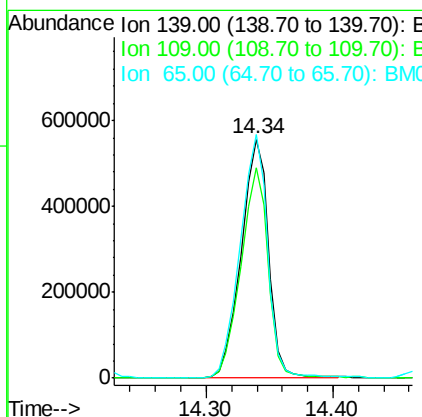
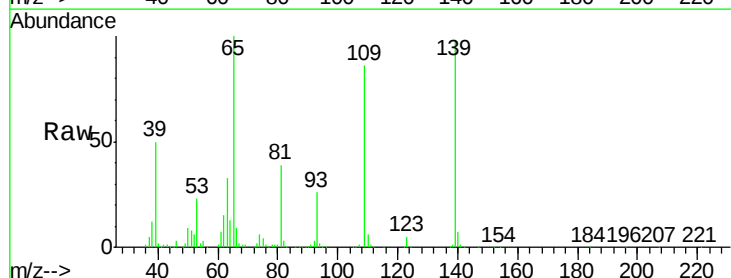
Instrument :
BNA_M
ClientSampled :

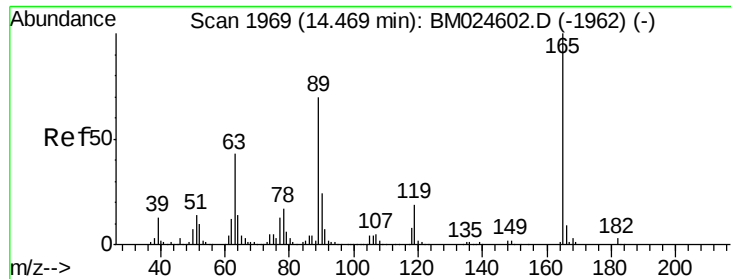
Tot Ion:168 Resp: 5351665
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.4
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 79.286 ng
RT: 14.34 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:139 Resp: 834188
Ion Ratio Lower Upper
139 100
109 88.0 67.4 107.4
65 101.9 82.1 122.1

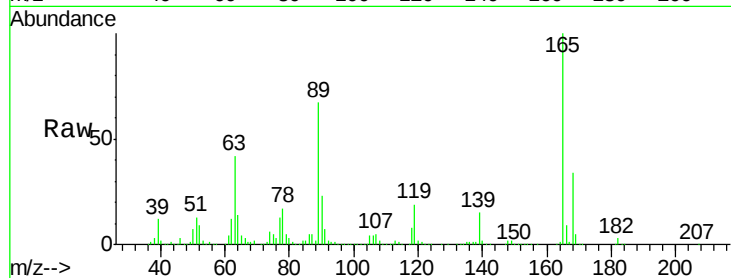




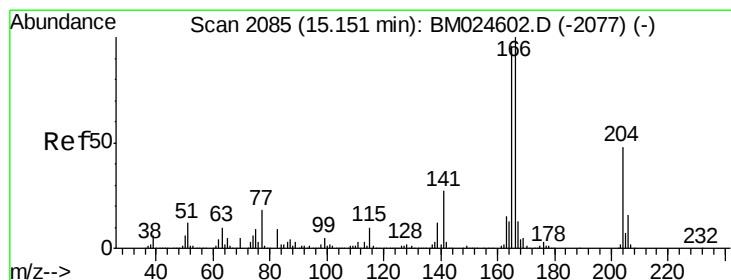
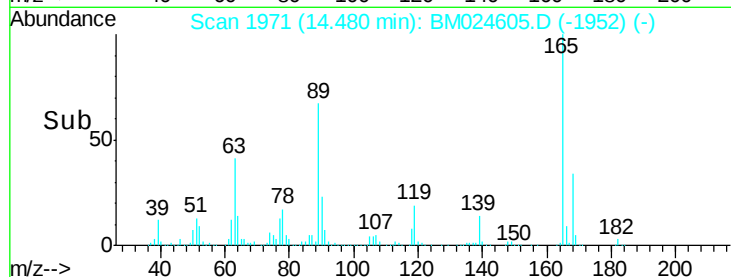
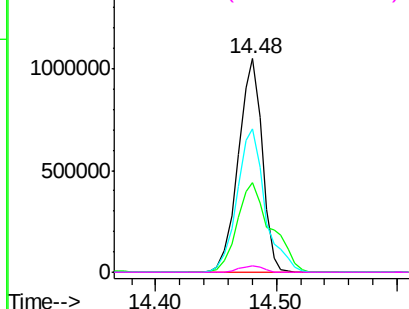
#57
2,4-Dinitrotoluene
Concen: 78.501 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 1454782
Ion Ratio Lower Upper
165 100
63 41.7 34.5 51.7
89 67.0 55.8 83.8
182 3.3 2.3 3.5

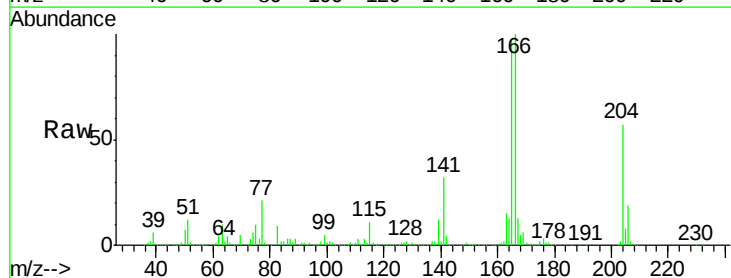


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

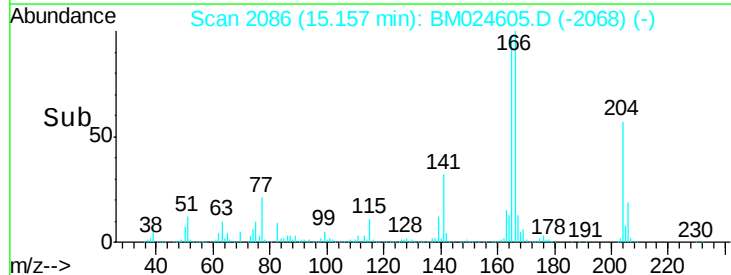
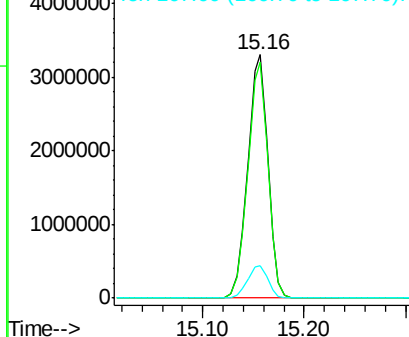


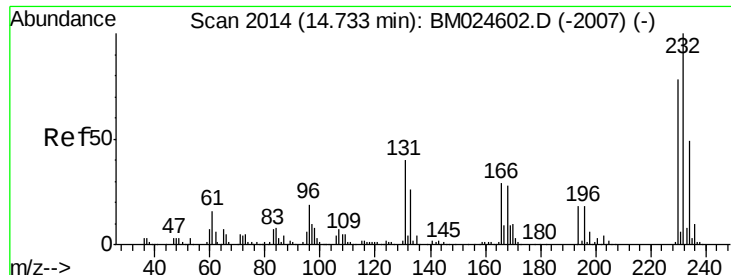
#58
Fluorene
Concen: 75.504 ng
RT: 15.16 min Scan# 2086
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:166 Resp: 4562931
Ion Ratio Lower Upper
166 100
165 96.9 76.6 114.8
167 13.3 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

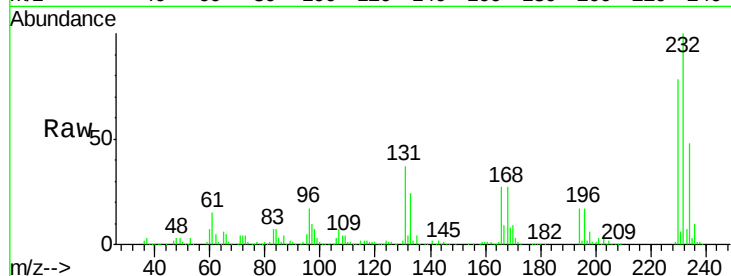




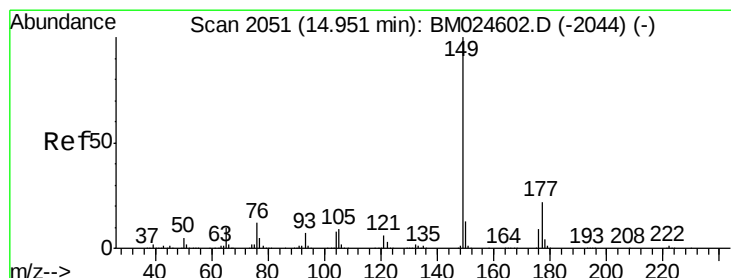
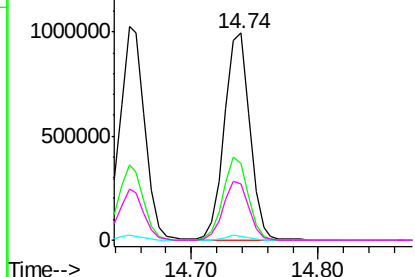
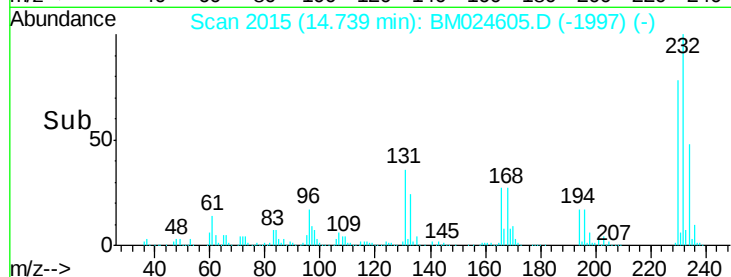
#59
2,3,4,6-Tetrachlorophenol
Concen: 93.937 ng
RT: 14.74 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 1374000
Ion Ratio Lower Upper
232 100
131 39.5 32.2 48.4
130 2.2 1.9 2.9
166 28.6 23.4 35.0

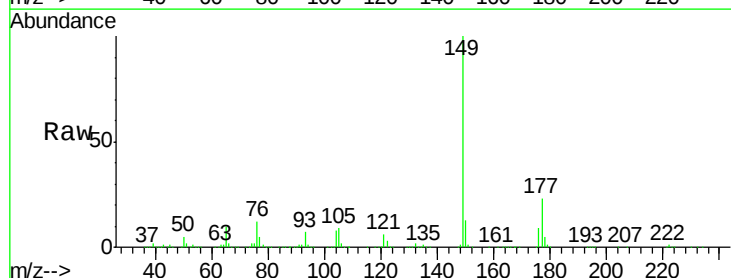


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

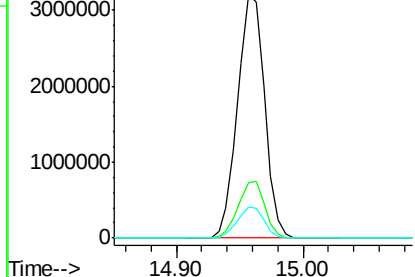
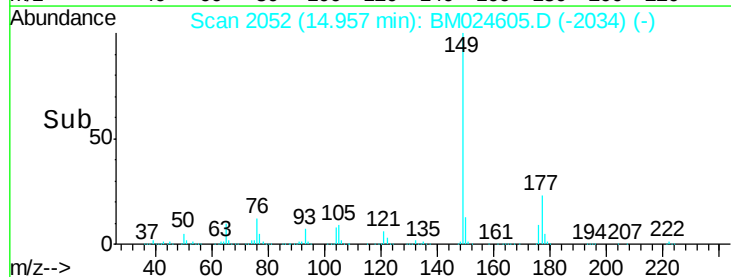


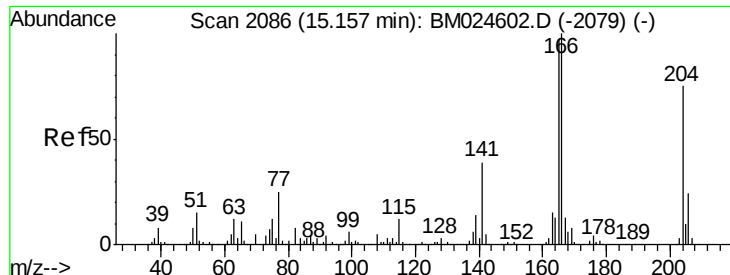
#60
Diethylphthalate
Concen: 75.037 ng
RT: 14.96 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:149 Resp: 4712987
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.9 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



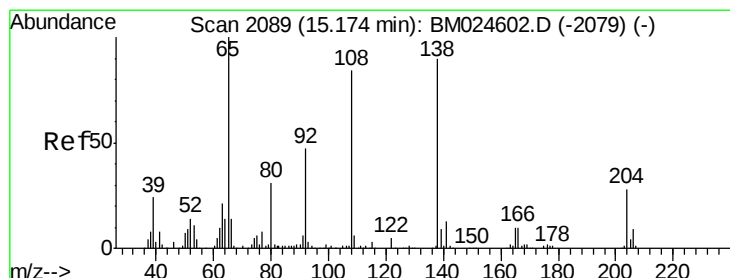
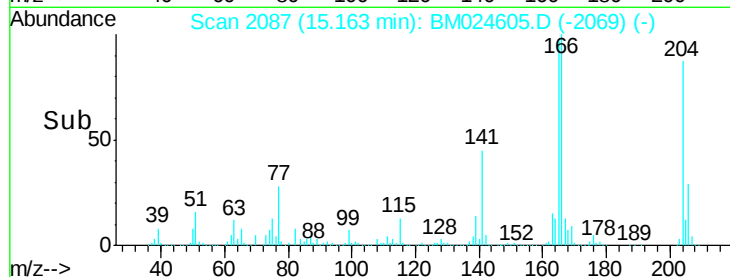
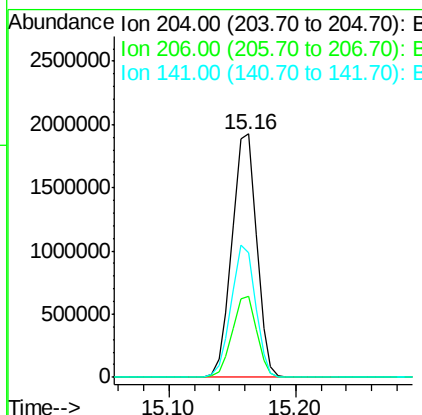
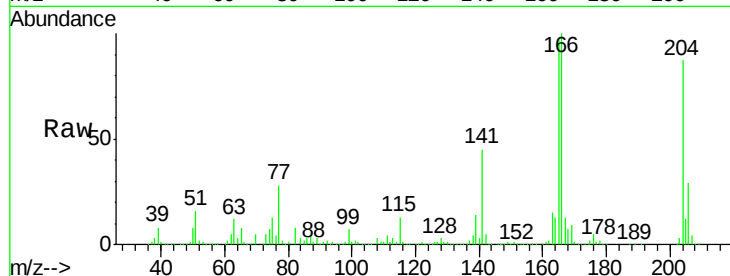


#61
 4-Chlorophenyl-phenylether
 Concen: 78.378 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 2588807

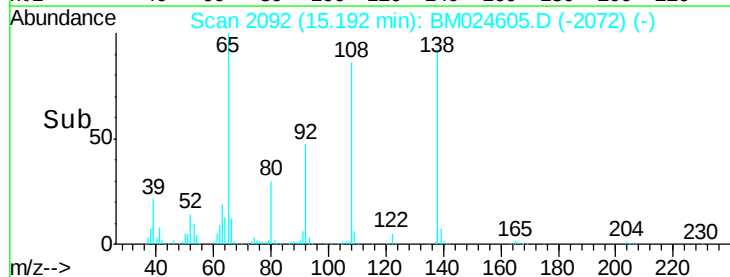
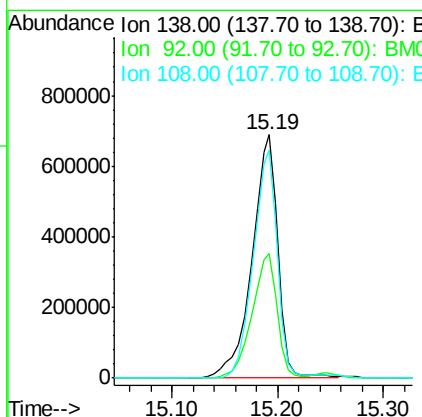
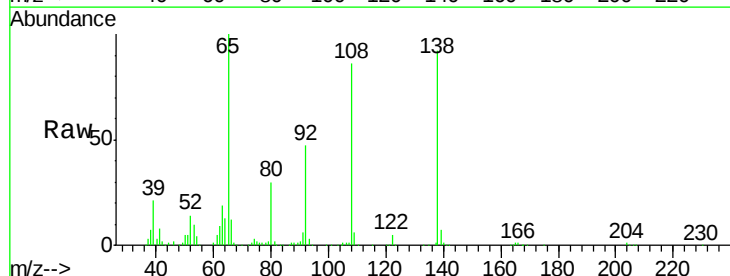
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	51.3	42.2	63.2

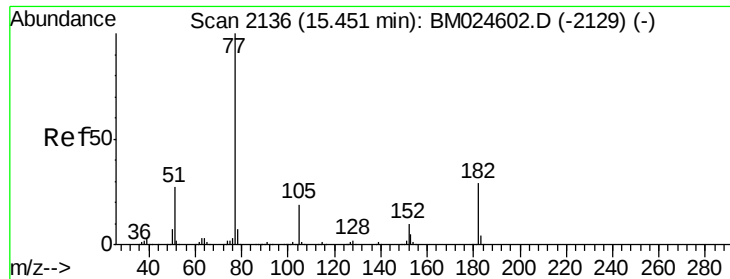


#62
 4-Nitroaniline
 Concen: 73.449 ng
 RT: 15.19 min Scan# 2092
 Delta R.T. 0.02 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion:138 Resp: 1177204

Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.4	72.4
108	93.5	73.3	113.3





#63

Azobenzene

Concen: 71.627 ng

RT: 15.45 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 4032018

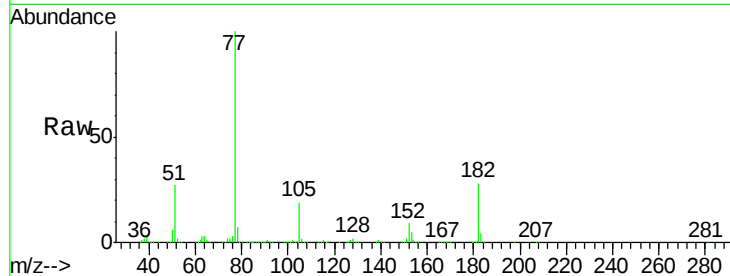
Ion	Ratio	Lower	Upper
77	100		
182	27.8	8.7	48.7
105	19.3	0.0	39.2
51	27.4	7.5	47.5

77 100

182 27.8 8.7 48.7

105 19.3 0.0 39.2

51 27.4 7.5 47.5



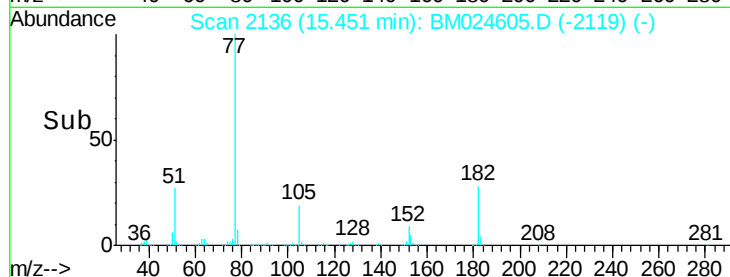
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

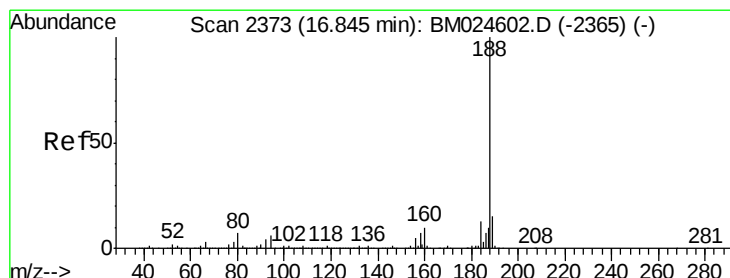
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

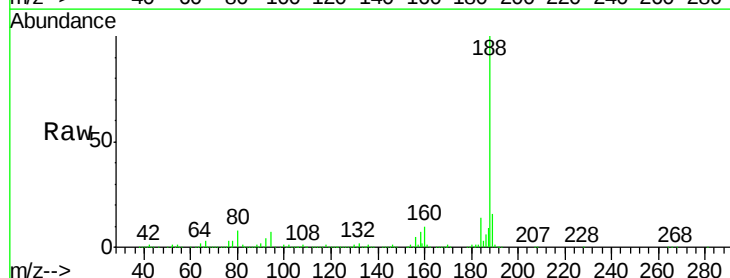
Tgt Ion: 188 Resp: 1693233

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.0	7.6
80	7.5	5.8	8.8

188 100

94 6.9 5.0 7.6

80 7.5 5.8 8.8

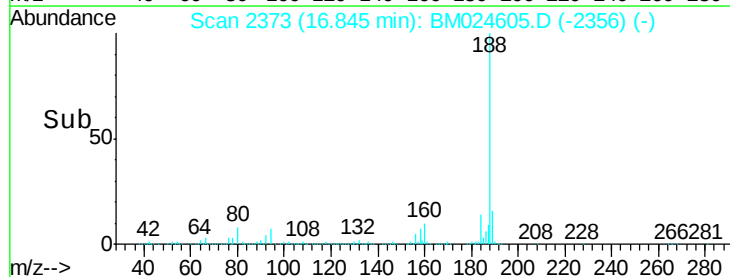


Abundance Ion 188.00 (187.70 to 188.70): E

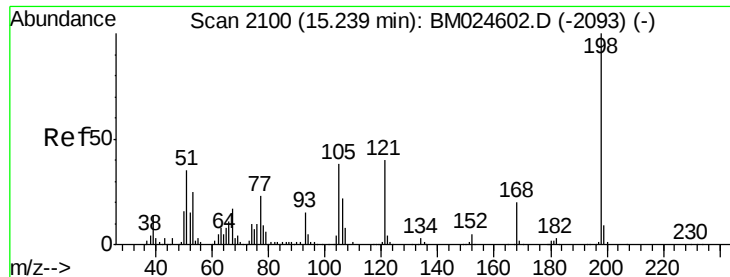
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

Time-->



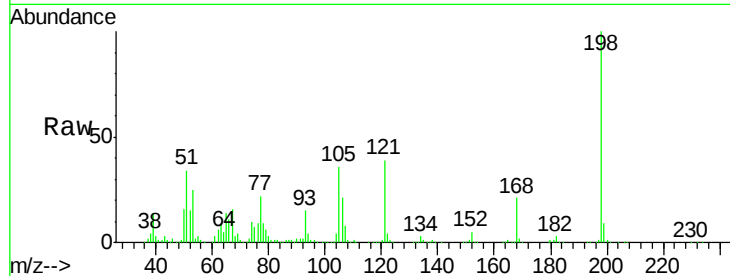
Time-->



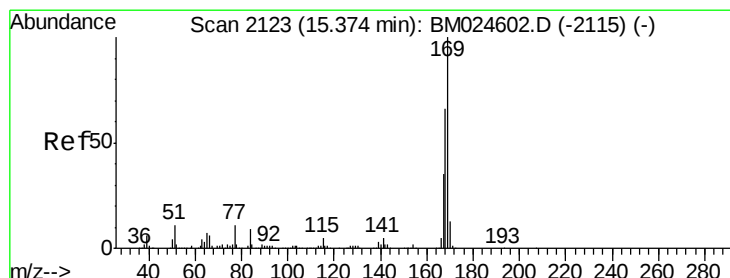
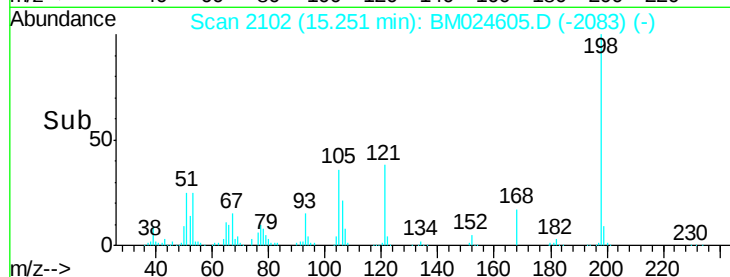
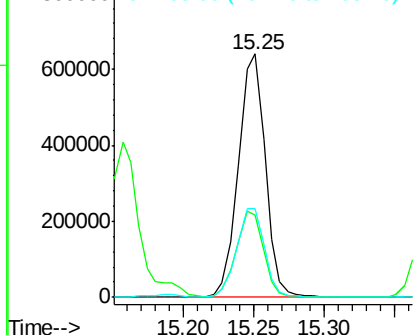
#65
4,6-Dinitro-2-methylphenol
Concen: 118.021 ng
RT: 15.25 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:198 Resp: 854902
Ion Ratio Lower Upper
198 100
51 34.0 15.8 55.8
105 36.4 18.5 58.5

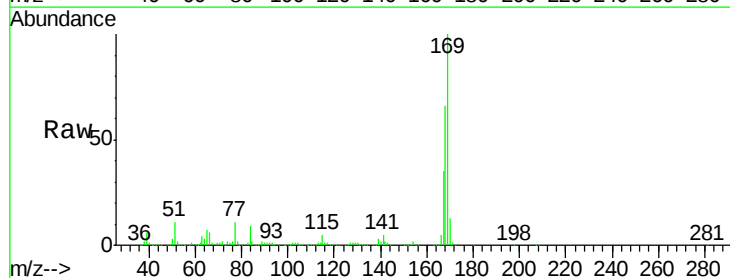


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E

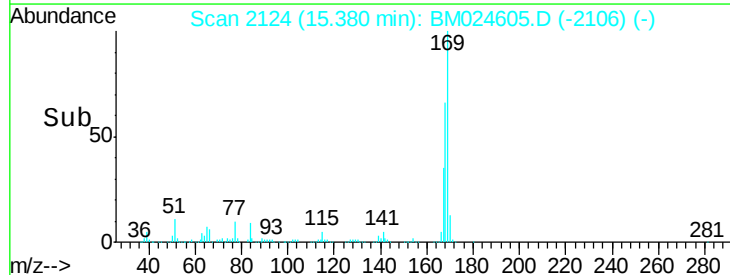
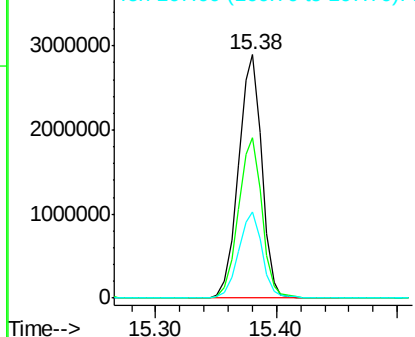


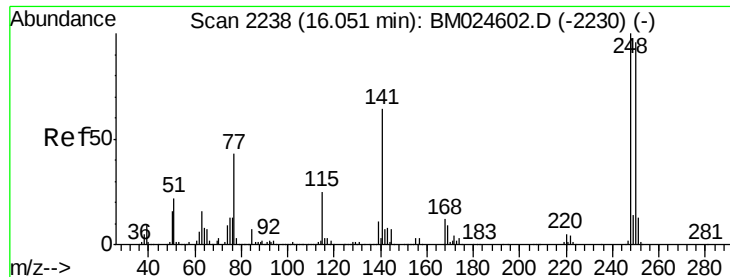
#66
n-Nitrosodiphenylamine
Concen: 77.493 ng
RT: 15.38 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:169 Resp: 3880246
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 35.1 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

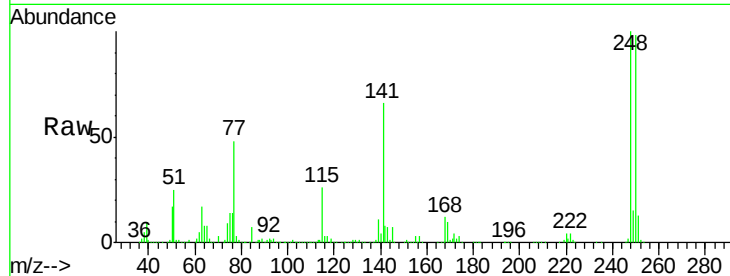




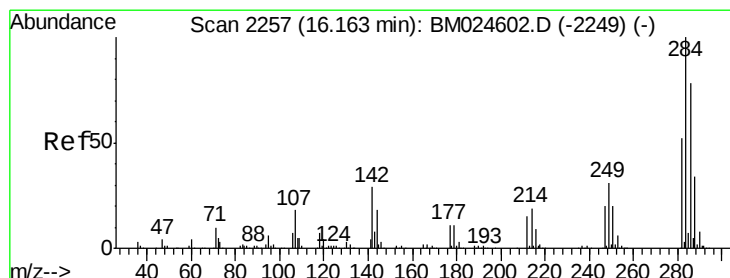
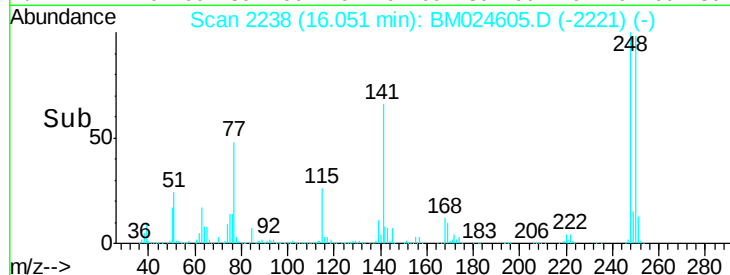
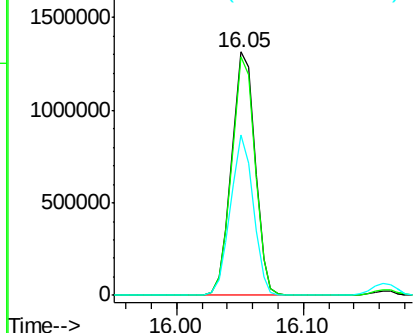
#67
 4-Bromophenyl-phenylether
 Concen: 82.459 ng
 RT: 16.05 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 1684784
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.0 115.6
 141 65.8 50.9 76.3

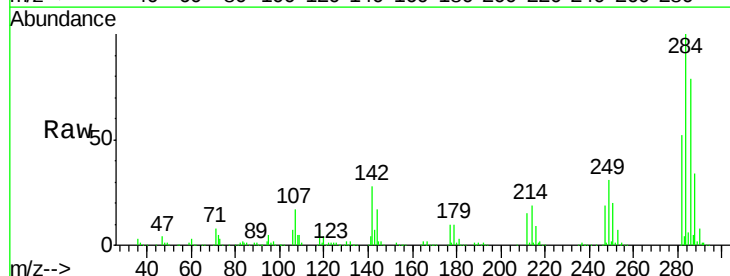


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

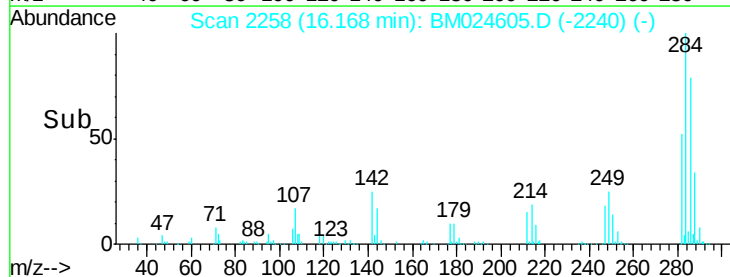
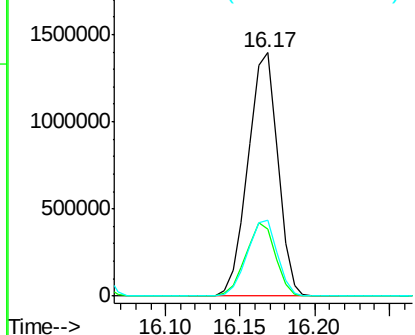


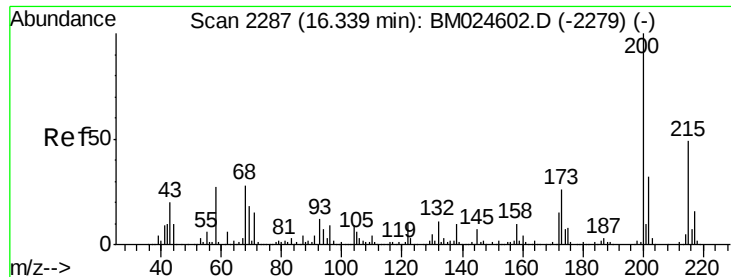
#68
 Hexachlorobenzene
 Concen: 80.713 ng
 RT: 16.17 min Scan# 2258
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion:284 Resp: 1920755
 Ion Ratio Lower Upper
 284 100
 142 27.7 23.5 35.3
 249 31.0 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

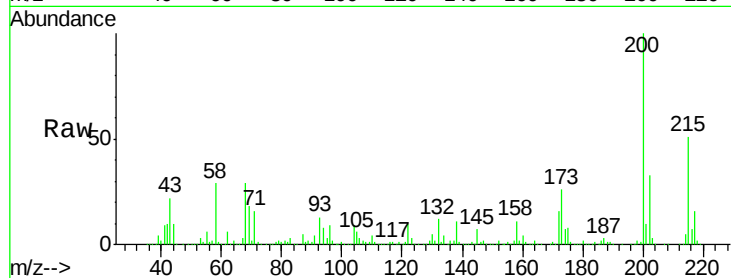




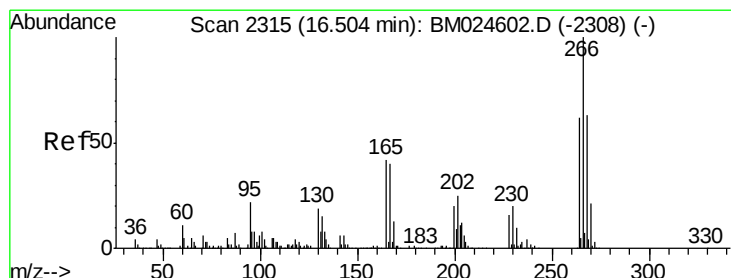
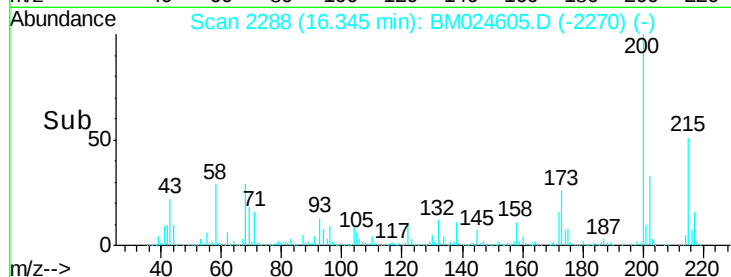
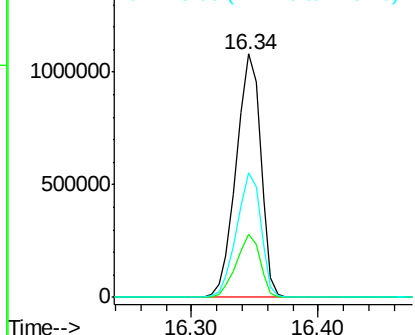
#69
Atrazine
Concen: 105.144 ng
RT: 16.34 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:200 Resp: 1450953
Ion Ratio Lower Upper
200 100
173 26.1 5.5 45.5
215 51.0 29.4 69.4

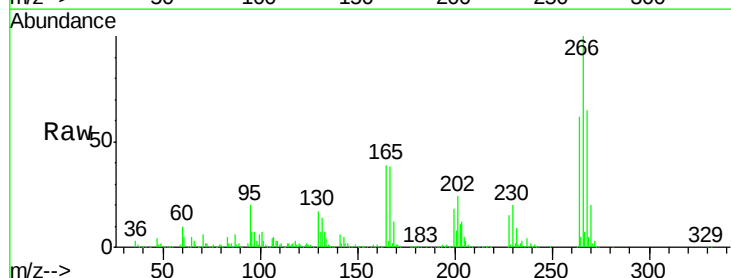


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

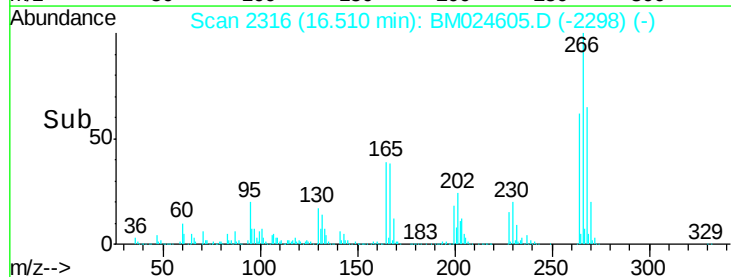
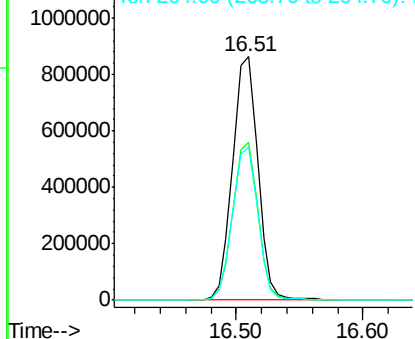


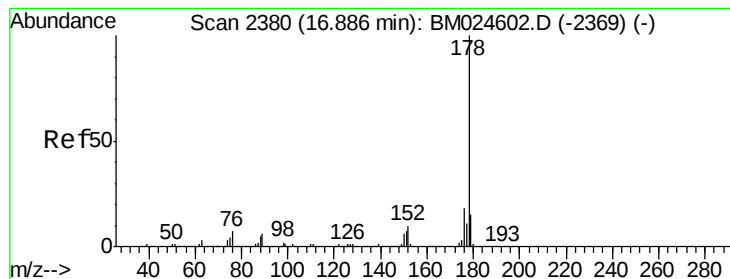
#70
Pentachlorophenol
Concen: 99.509 ng
RT: 16.51 min Scan# 2316
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:266 Resp: 1195511
Ion Ratio Lower Upper
266 100
268 64.9 50.4 75.6
264 62.5 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: 75.351 ng

RT: 16.89 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

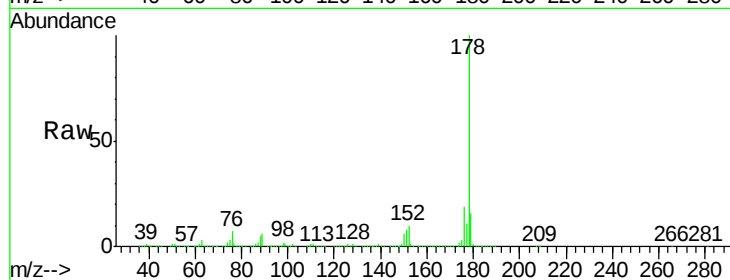
Tot Ion:178 Resp: 7277966

Ion Ratio Lower Upper

178 100

176 18.7 14.5 21.7

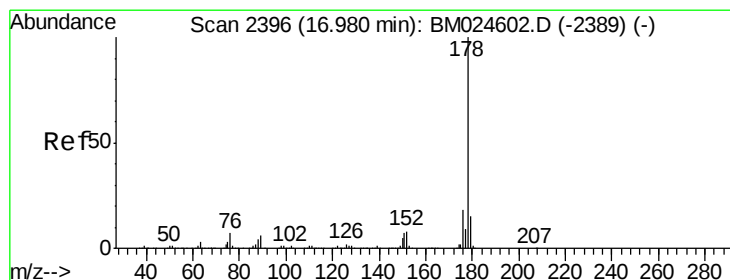
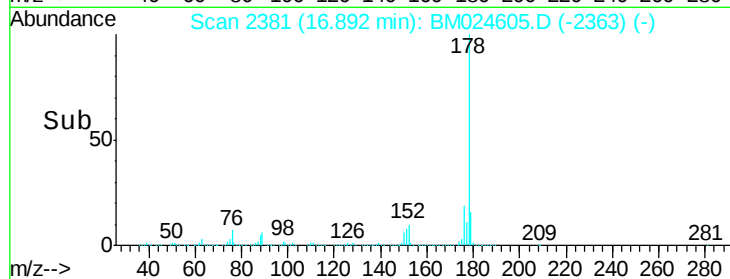
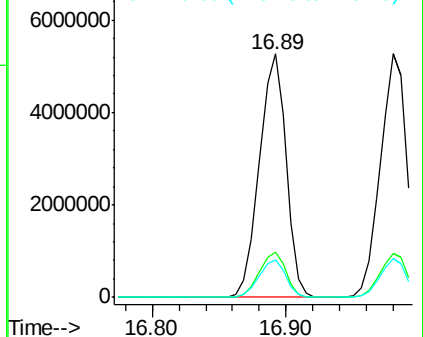
179 15.6 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 75.954 ng

RT: 16.98 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

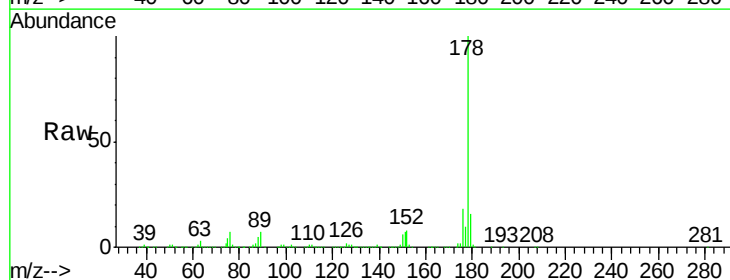
Tgt Ion:178 Resp: 7189540

Ion Ratio Lower Upper

178 100

176 18.1 14.3 21.5

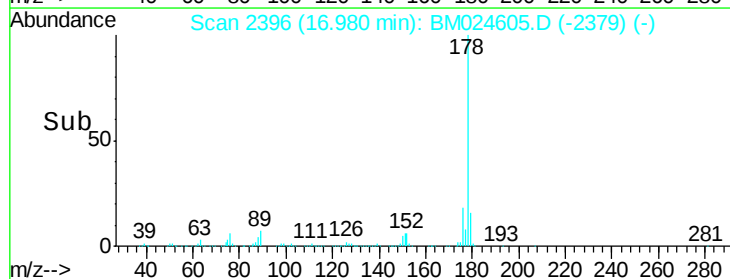
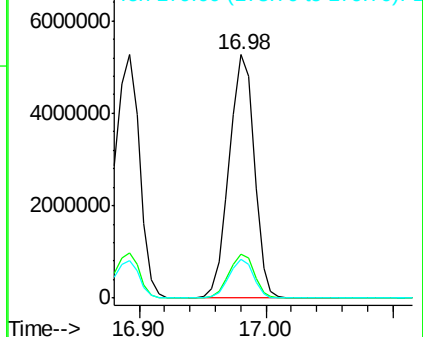
179 15.8 12.1 18.1

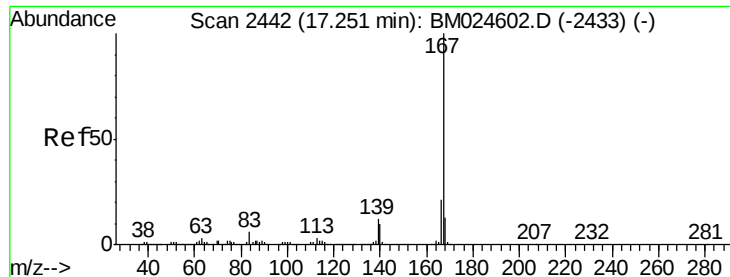


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



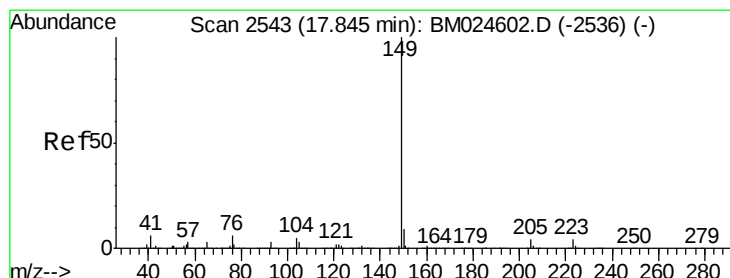
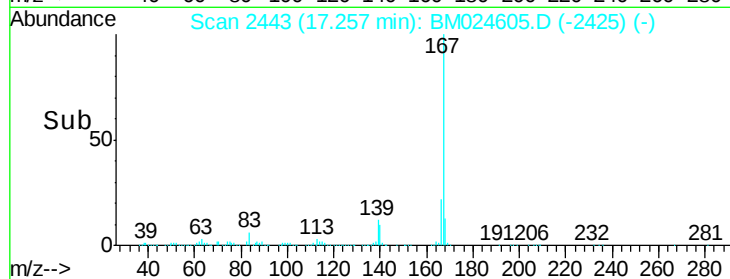
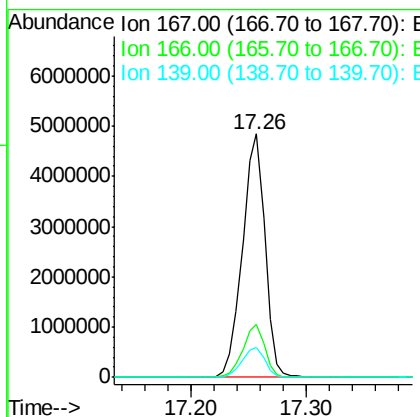
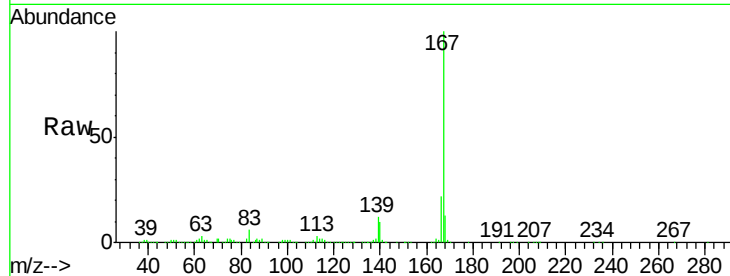


#73
 Carbazole
 Concen: 74.206 ng
 RT: 17.26 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 6566165

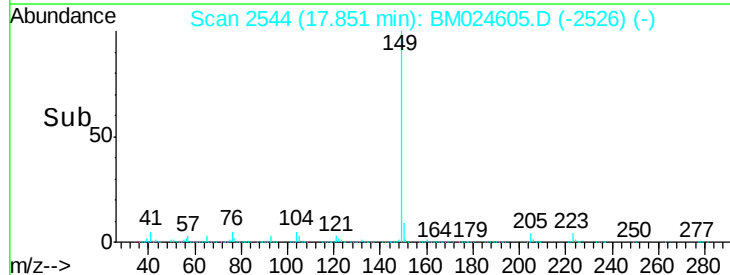
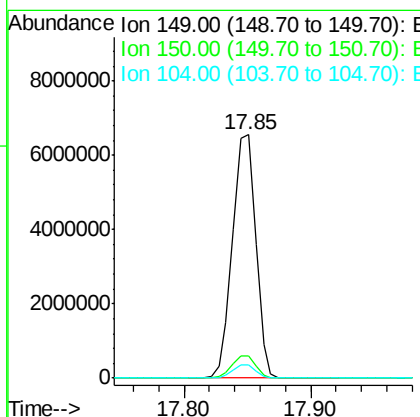
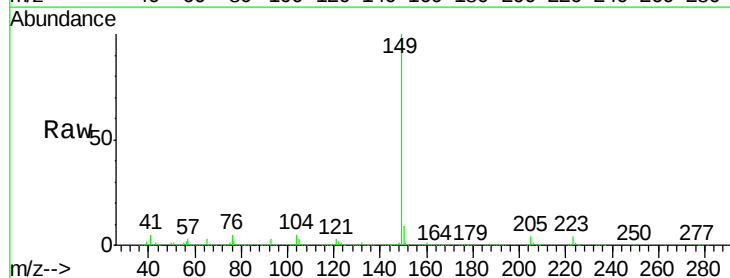
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.5	9.8	14.8

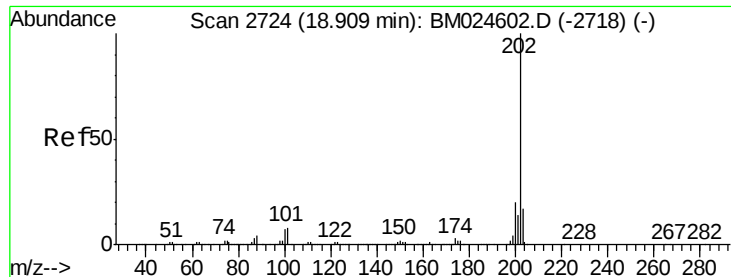


#74
 Di-n-butylphthalate
 Concen: 81.560 ng
 RT: 17.85 min Scan# 2544
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion:149 Resp: 8325518

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 79.084 ng

RT: 18.92 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

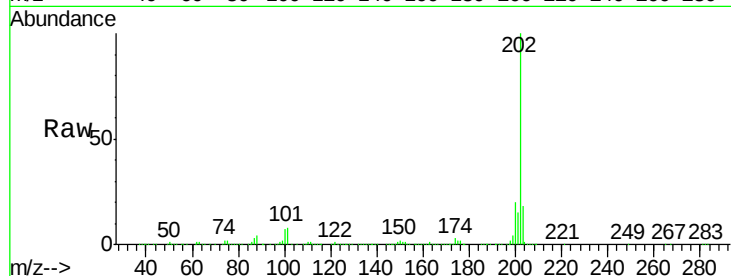
Tot Ion:202 Resp: 9128811

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.4

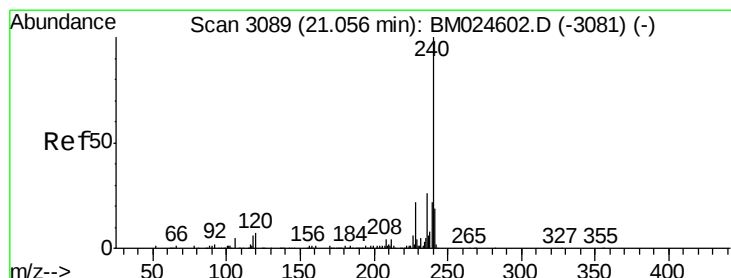
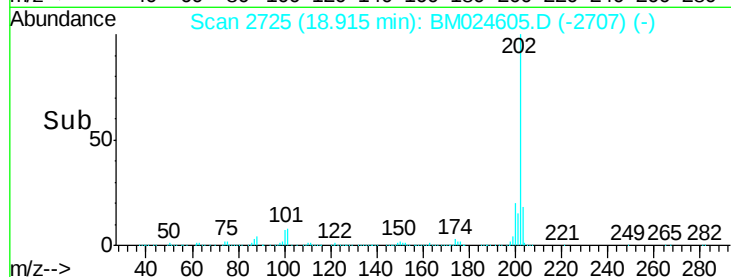
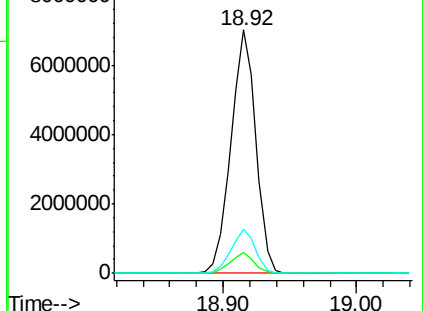
203 17.9 0.0 37.5



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: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

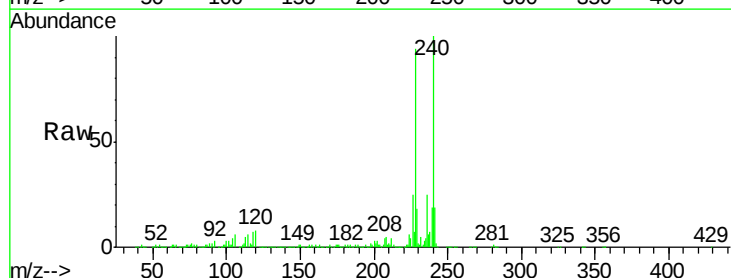
Tgt Ion:240 Resp: 1766535

Ion Ratio Lower Upper

240 100

120 7.6 5.3 7.9

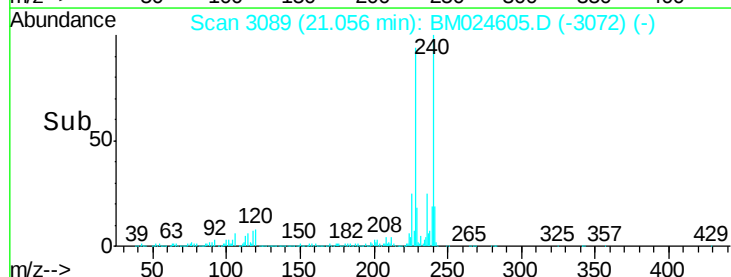
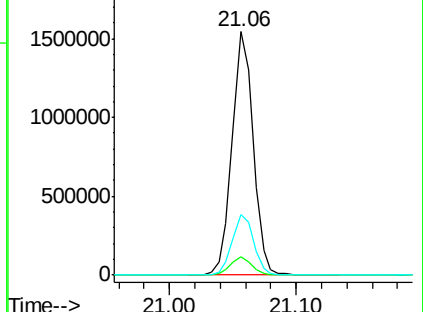
236 25.1 20.6 31.0

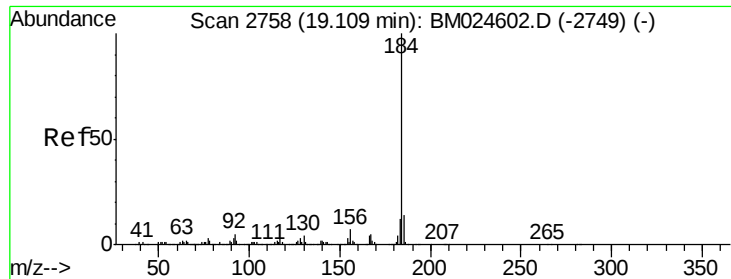


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 77.019 ng

RT: 19.11 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

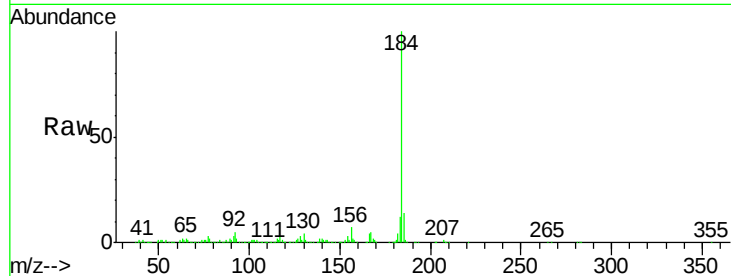
Tot Ion:184 Resp: 1990979

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

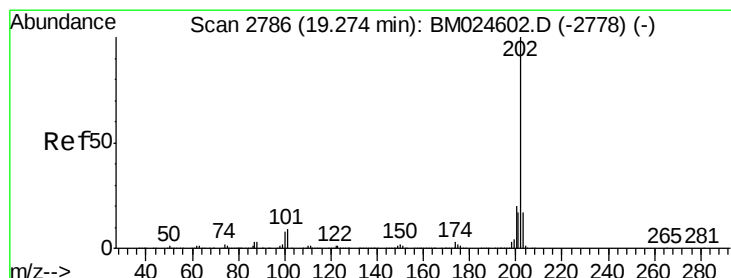
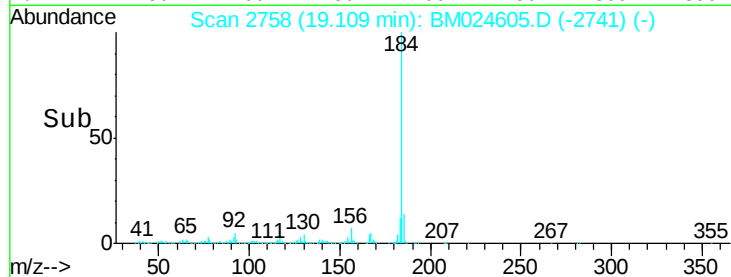
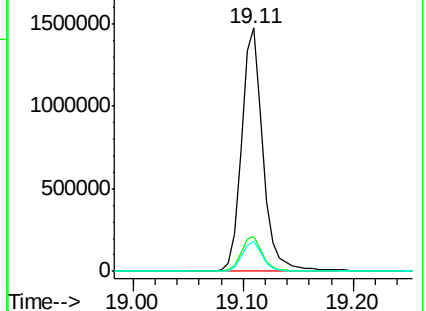
183 12.0 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 79.685 ng

RT: 19.28 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

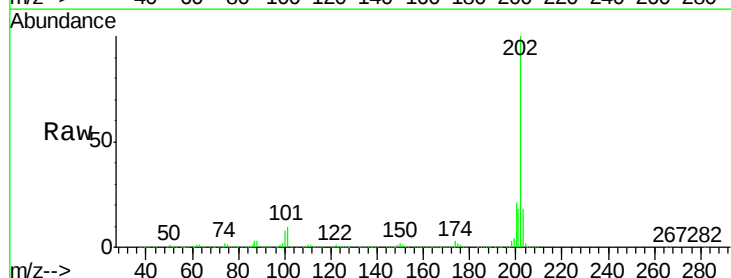
Tgt Ion:202 Resp: 9277283

Ion Ratio Lower Upper

202 100

200 21.1 16.2 24.2

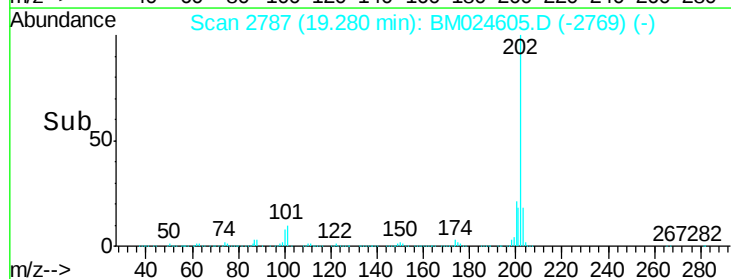
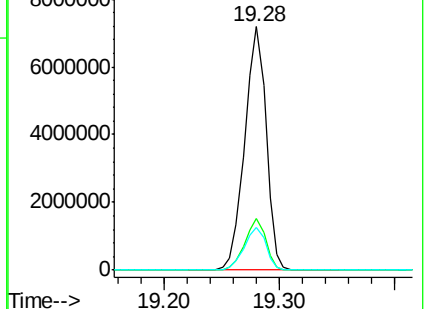
203 17.7 14.0 21.0

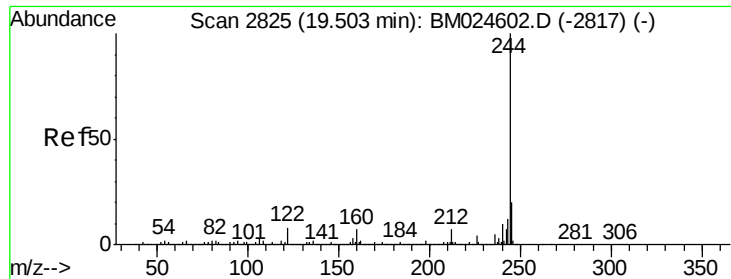


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 158.956 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampled :

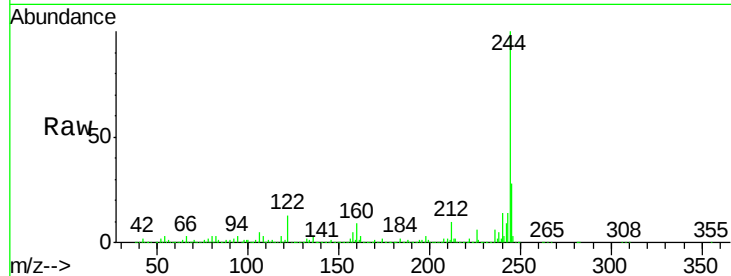
Tot Ion:244 Resp:13389735

Ion Ratio Lower Upper

244 100

212 9.7 5.4 8.2#

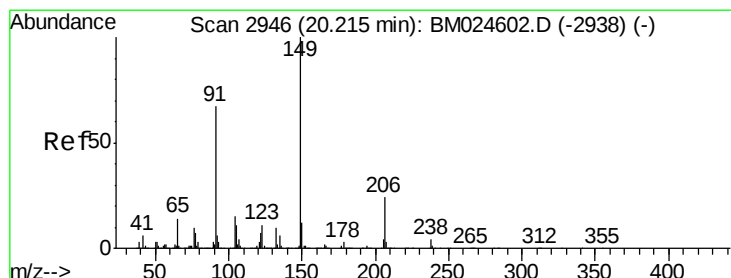
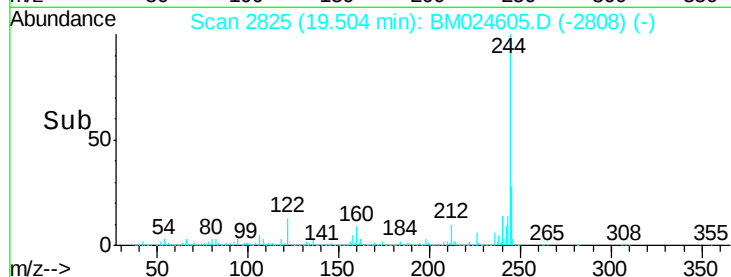
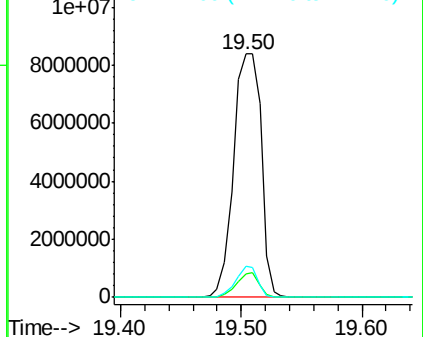
122 12.8 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 103.615 ng

RT: 20.22 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

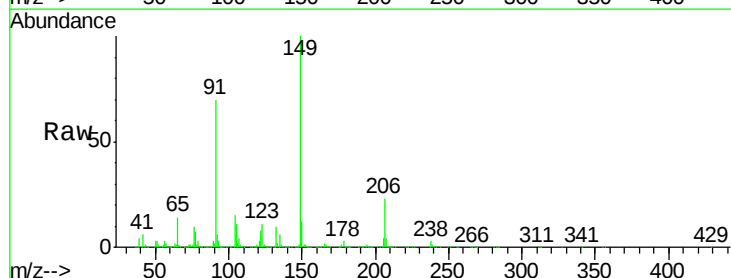
Tgt Ion:149 Resp: 4019916

Ion Ratio Lower Upper

149 100

91 70.4 53.9 80.9

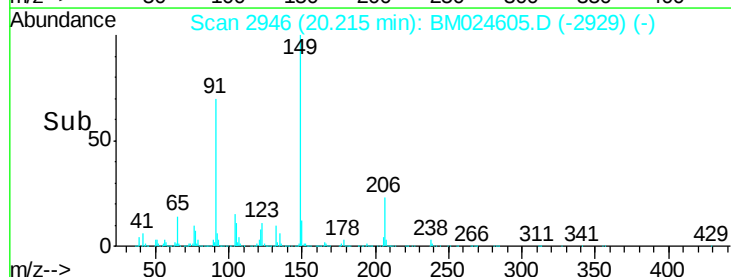
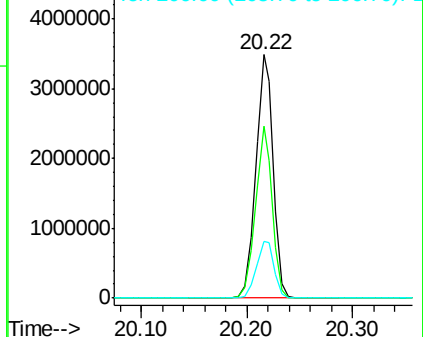
206 23.1 19.0 28.6

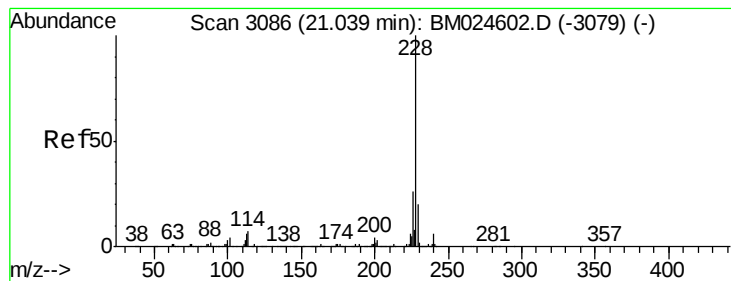


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 79.066 ng

RT: 21.04 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

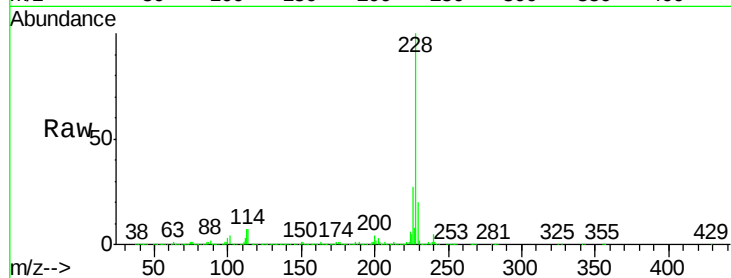
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 9624361

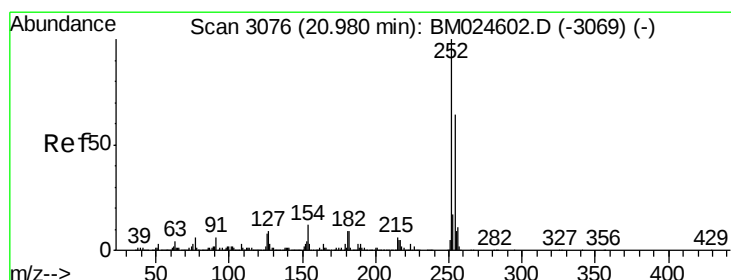
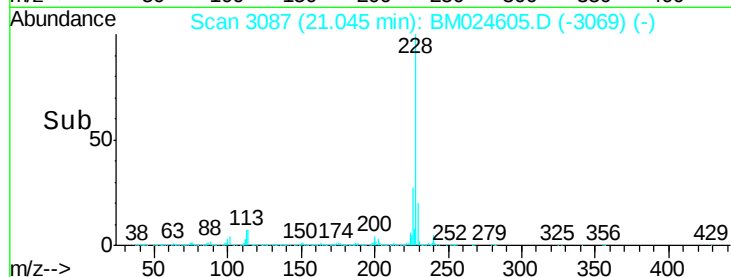
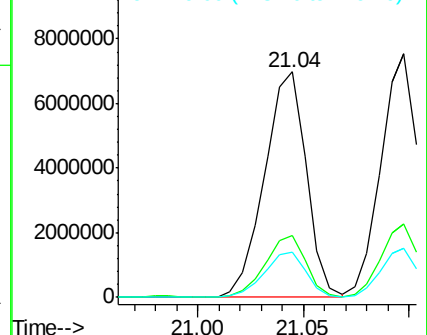
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.1	31.7
229	19.9	15.8	23.6



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: 92.071 ng

RT: 20.99 min Scan# 3077

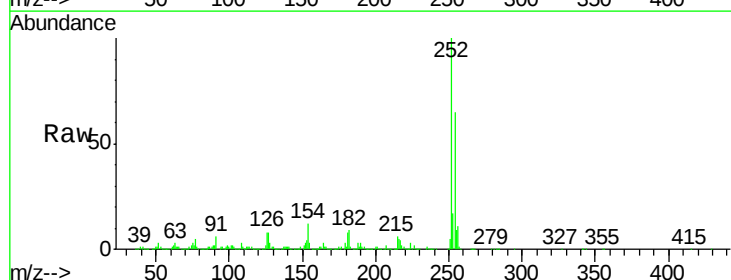
Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:252 Resp: 3418739

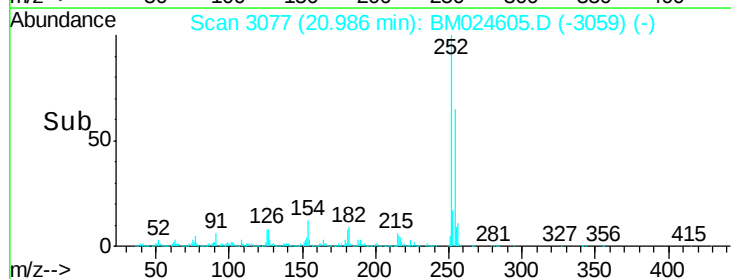
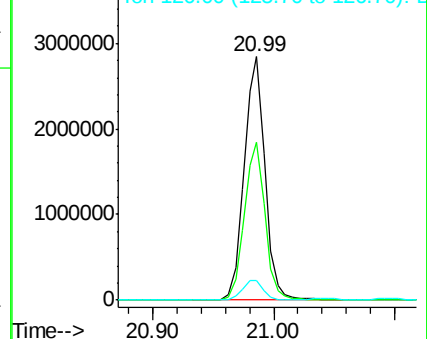
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.5	77.3
126	8.1	6.7	10.1

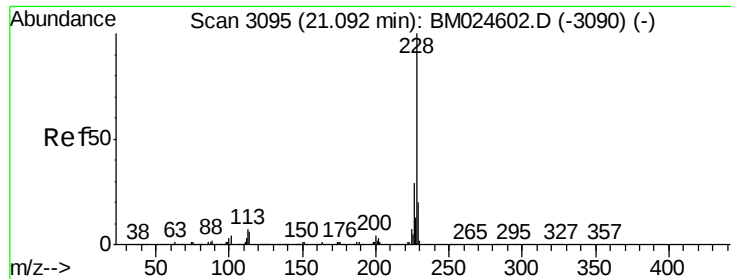


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 79.850 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

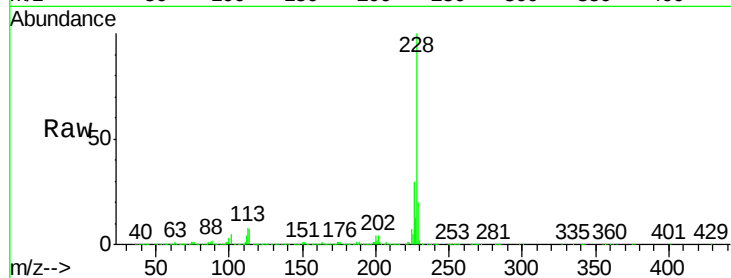
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 9191083

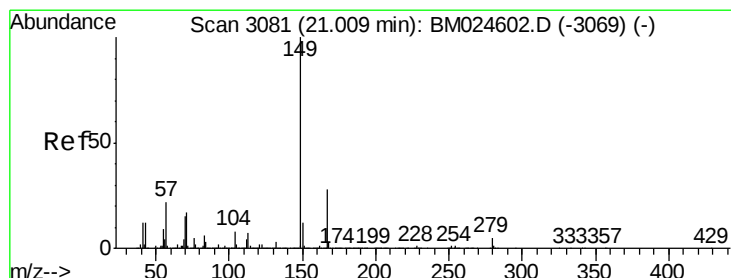
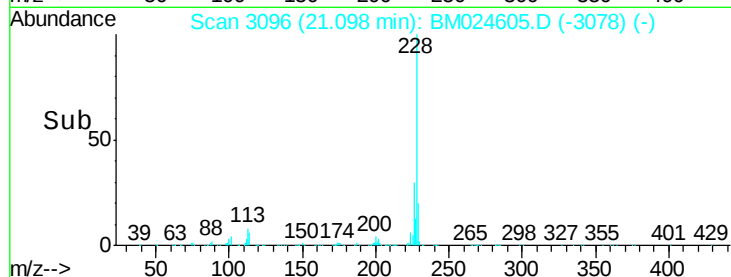
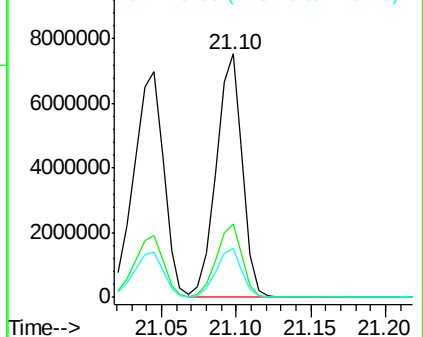
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.2	34.8
229	20.3	15.7	23.5



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: 90.377 ng

RT: 21.01 min Scan# 3081

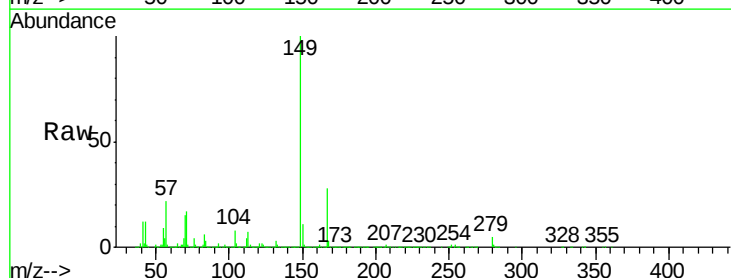
Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:149 Resp: 5811265

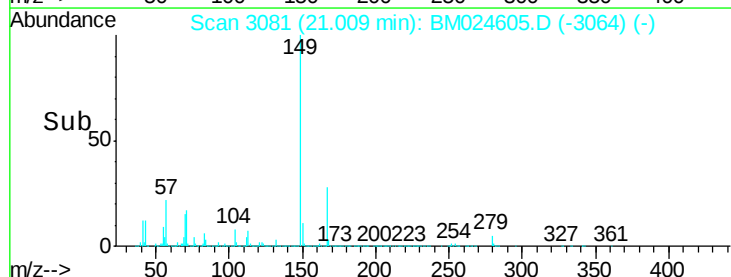
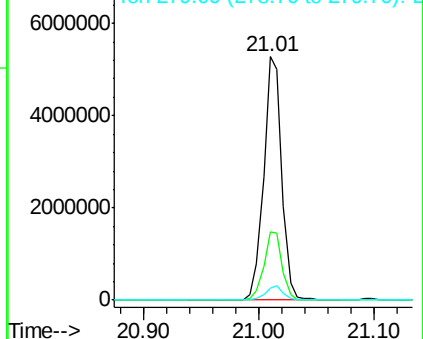
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.5	33.7
279	4.9	4.0	6.0

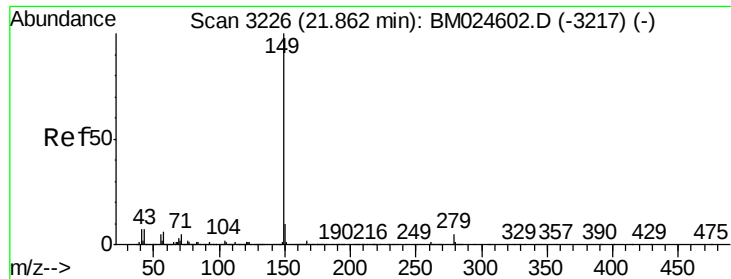


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

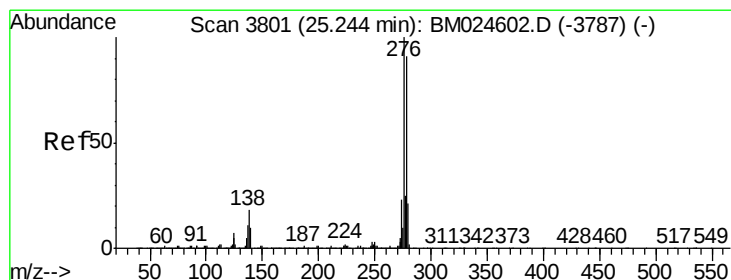
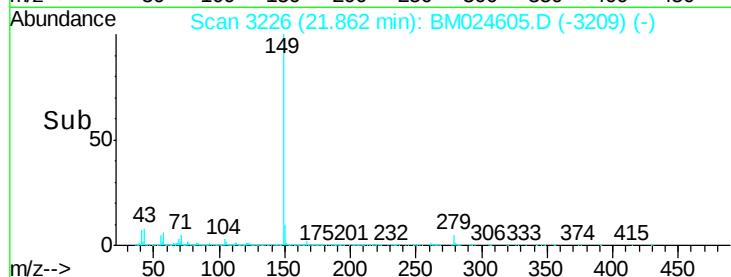
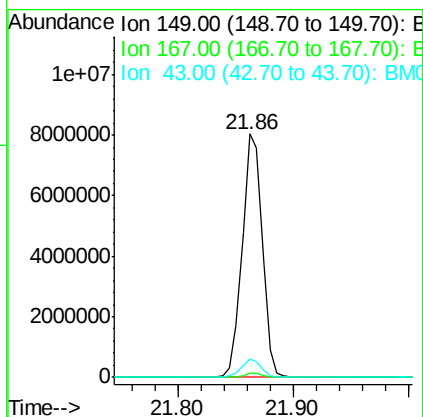
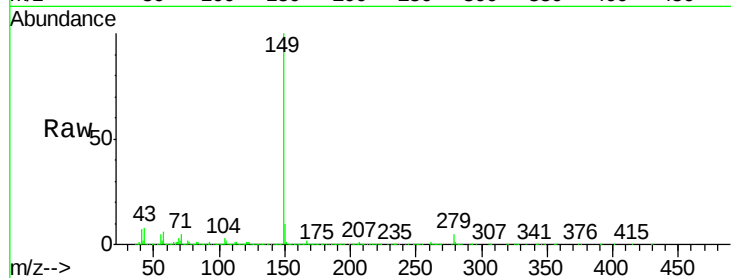




#85
Di-n-octyl phthalate
Concen: 96.813 ng
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

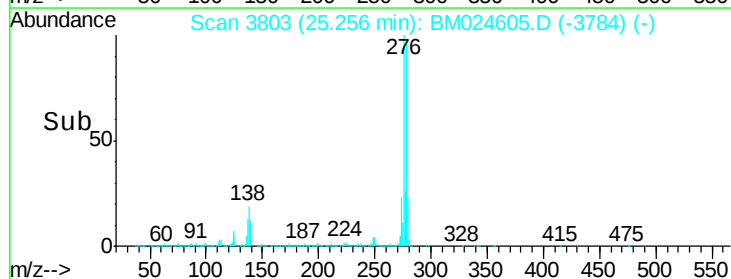
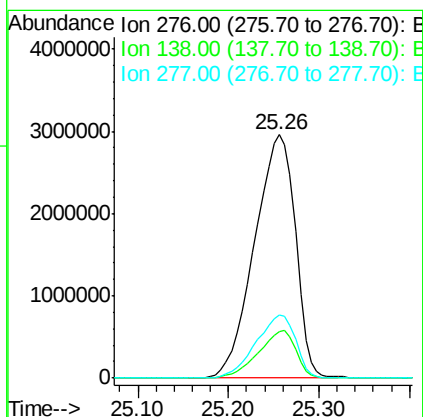
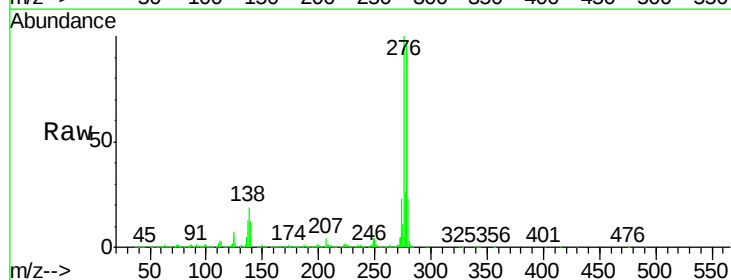
Instrument :
BNA_M
ClientSampleId :

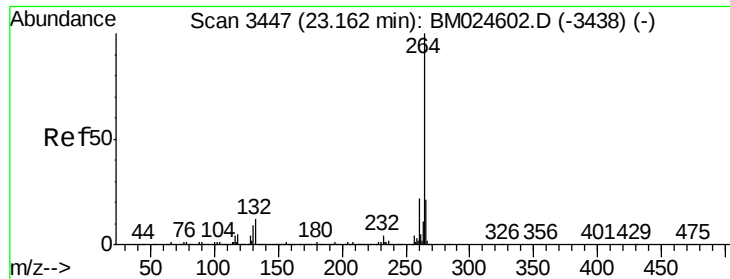
Tot Ion:149 Resp: 9652058
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.3 5.8 8.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 80.832 ng
RT: 25.26 min Scan# 3803
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:276 Resp: 9235268
Ion Ratio Lower Upper
276 100
138 18.0 13.4 20.0
277 25.3 19.6 29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.17 min Scan# 3448

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampled :

Tot Ion:264 Resp: 1834108

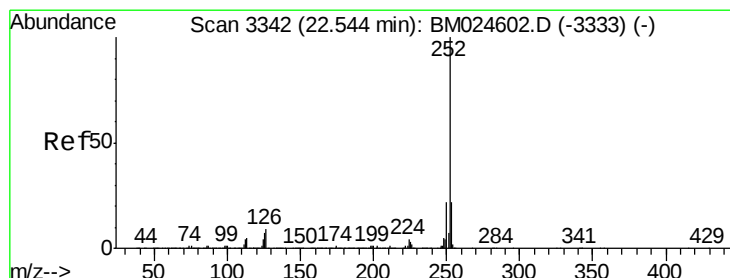
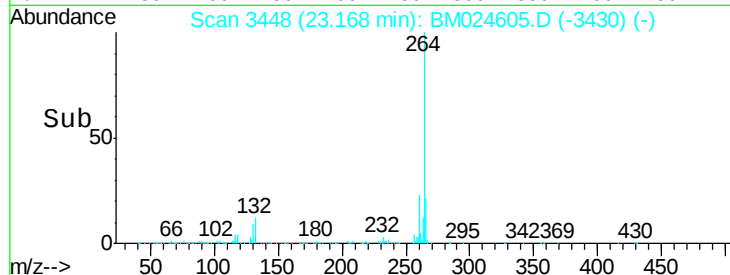
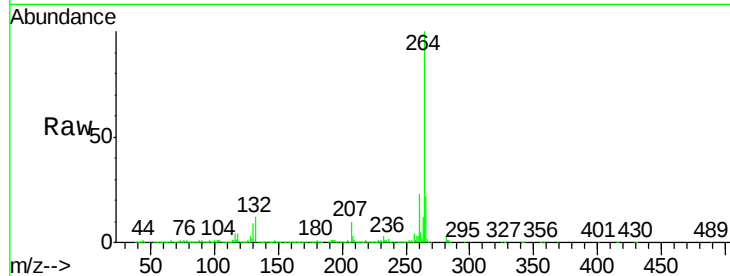
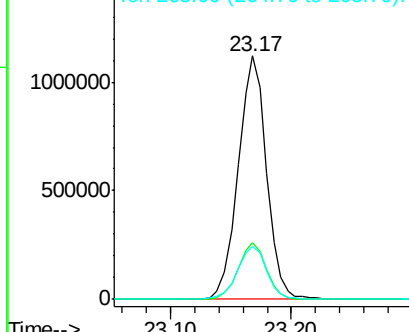
Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	21.6	17.3	25.9

Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 79.011 ng

RT: 22.55 min Scan# 3343

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:252 Resp: 9805137

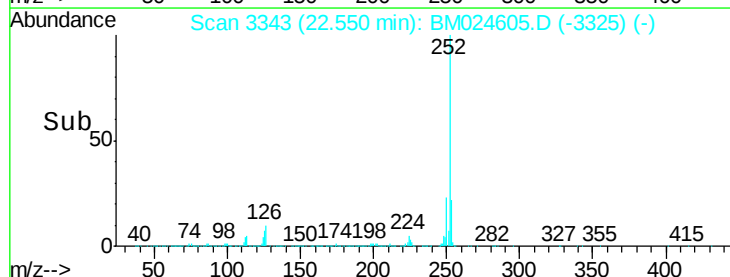
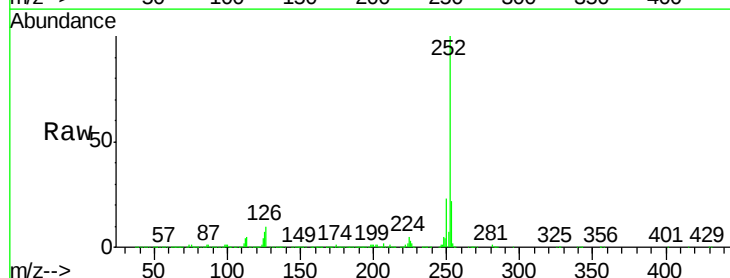
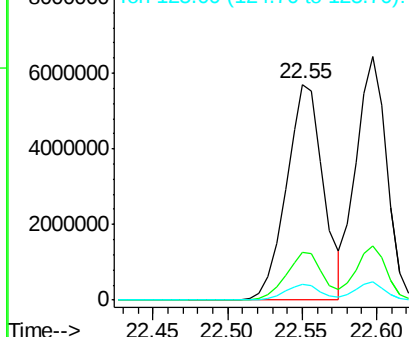
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	7.4	5.7	8.5

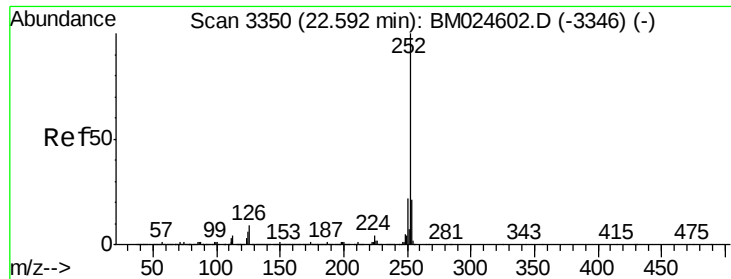
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 77.254 ng

RT: 22.60 min Scan# 3351

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

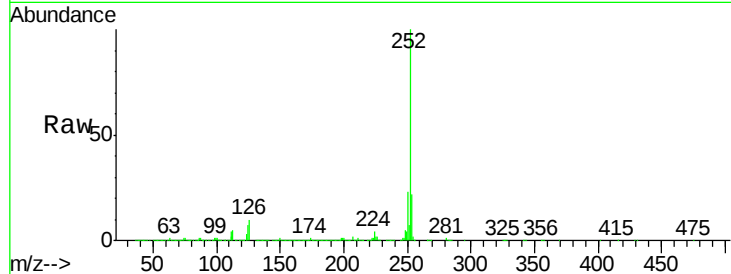
Tot Ion:252 Resp: 9211285

Ion Ratio Lower Upper

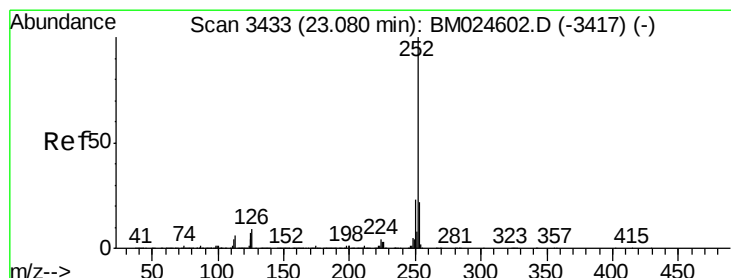
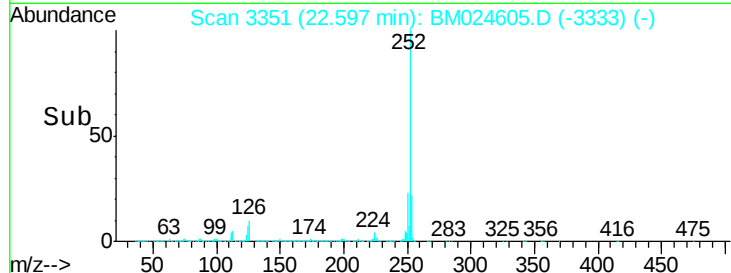
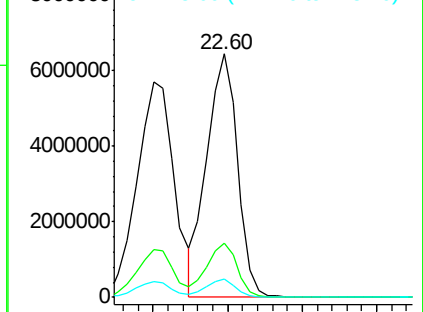
252 100

253 22.4 17.3 25.9

125 7.3 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: 78.885 ng

RT: 23.09 min Scan# 3434

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

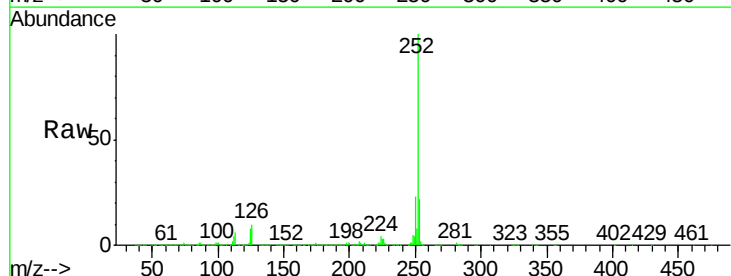
Tgt Ion:252 Resp: 8720025

Ion Ratio Lower Upper

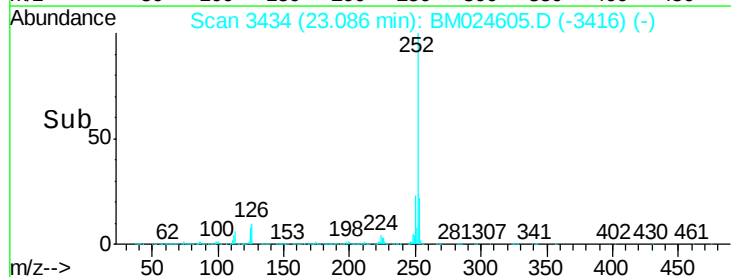
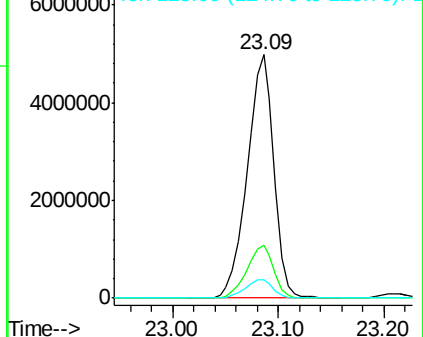
252 100

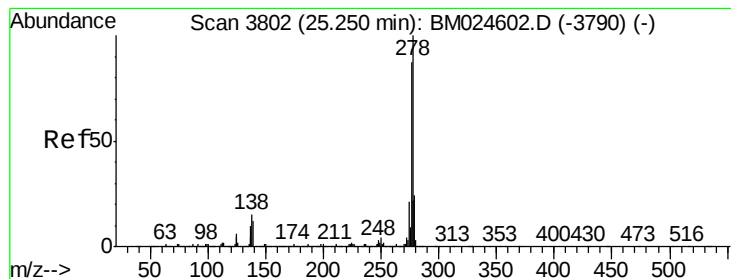
253 21.9 17.3 25.9

125 7.7 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 79.383 ng

RT: 25.27 min Scan# 3805

Delta R.T. 0.02 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

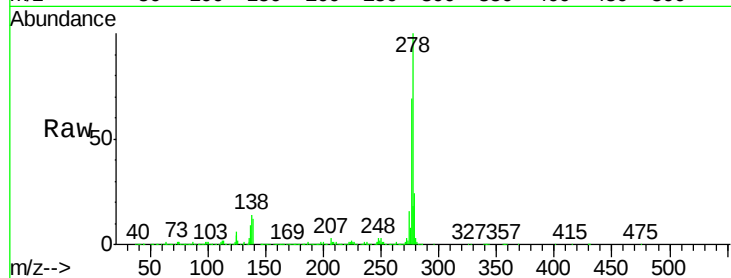
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 7823147

Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.3	13.9
279	23.7	18.9	28.3

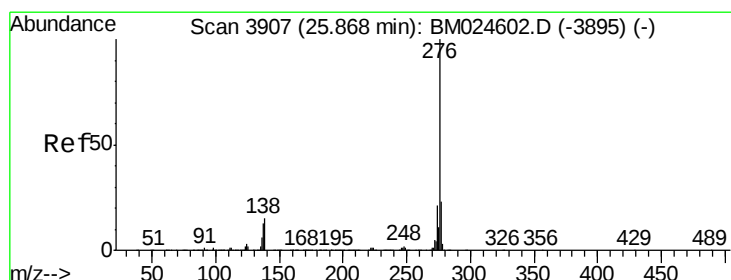
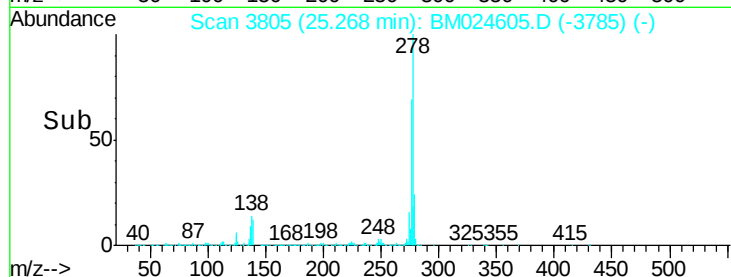
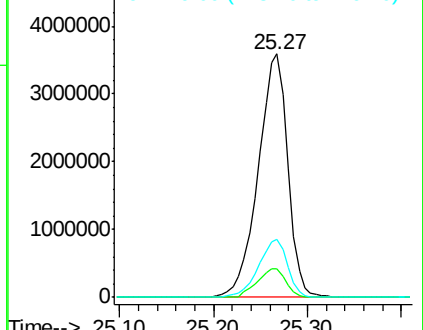


Abundance

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: 78.147 ng

RT: 25.88 min Scan# 3909

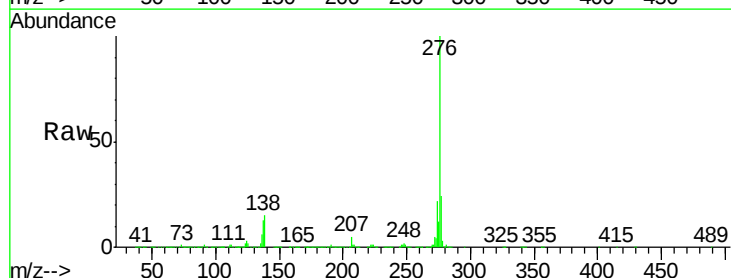
Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:276 Resp: 6958769

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	15.3	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

