

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020420\
 Data File : BM024712.D
 Acq On : 04 Feb 2020 18:31
 Operator : CG/JU
 Sample : L1016-19MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 05 03:49:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	227726	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	833006	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	533938	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1137106	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1211495	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1510821	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	1689829	141.12	ng	-0.01
7) Phenol-d6	6.63	99	2063750	125.11	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1321278	77.79	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1214627	139.85	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3578208	91.11	ng	-0.02
79) Terphenyl-d14	19.49	244	6202062	95.57	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	174874	36.918	ng	# 52
3) Pyridine	3.45	79	460783	33.556	ng	94
4) n-Nitrosodimethylamine	3.35	42	210699	34.569	ng	82
6) Aniline	6.76	93	253175	12.608	ng	97
8) 2-Chlorophenol	7.00	128	663526	48.676	ng	93
9) Benzaldehyde	6.57	77	170690	17.512	ng	95
10) Phenol	6.65	94	811277	49.338	ng	94
11) bis(2-Chloroethyl)ether	6.86	93	549628	41.754	ng	95
12) 1,3-Dichlorobenzene	7.32	146	683099	40.791	ng	96
13) 1,4-Dichlorobenzene	7.46	146	697912	41.080	ng	97
14) 1,2-Dichlorobenzene	7.77	146	664751	40.536	ng	97
15) Benzyl Alcohol	7.67	79	553651	40.708	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.96	45	422622	35.070	ng	99
17) 2-Methylphenol	7.87	107	527201	45.498	ng	95
18) Hexachloroethane	8.48	117	239504	36.508	ng	96
19) n-Nitroso-di-n-propylamine	8.23	70	438273	35.387	ng	94
20) 3+4-Methylphenols	8.20	107	703624	43.867	ng	96
22) Acetophenone	8.23	105	897244	41.772	ng	97
24) Nitrobenzene	8.60	77	661760	40.655	ng	91
25) Isophorone	9.13	82	1218292	42.212	ng	97
26) 2-Nitrophenol	9.30	139	379188	50.309	ng	89
27) 2,4-Dimethylphenol	9.39	122	583331	56.953	ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	735993	41.745	ng	98
29) 2,4-Dichlorophenol	9.84	162	697004	50.370	ng	97
30) 1,2,4-Trichlorobenzene	10.05	180	740938	44.397	ng	99
31) Naphthalene	10.23	128	1860943	44.231	ng	99
32) Benzoic acid	9.55	122	381686	40.738	ng	95
33) 4-Chloroaniline	10.35	127	82323	4.464	ng	95
34) Hexachlorobutadiene	10.53	225	474450	41.125	ng	99
35) Caprolactam	11.13	113	170280	38.356	ng	87
36) 4-Chloro-3-methylphenol	11.49	107	641430	43.593	ng	93
37) 2-Methylnaphthalene	11.85	142	1430597	44.061	ng	98
38) 1-Methylnaphthalene	12.08	142	1359797	44.028	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	877246	46.034	ng	99

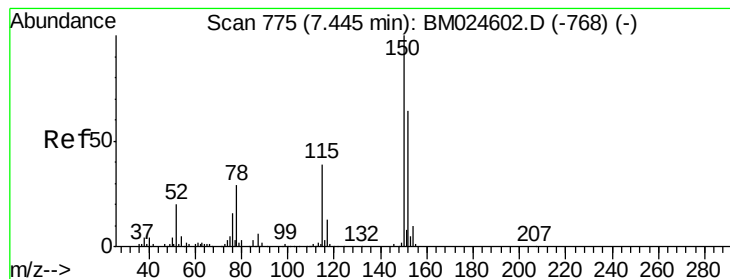
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020420\
 Data File : BM024712.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	1007298	94.304	ng	99
43) 2,4,6-Trichlorophenol	12.49	196	606188	49.988	ng	99
44) 2,4,5-Trichlorophenol	12.56	196	645785	52.145	ng	96
46) 1,1'-Biphenyl	12.90	154	1873854	46.374	ng	99
47) 2-Chloronaphthalene	12.93	162	1517673	46.525	ng	97
48) 2-Nitroaniline	13.14	65	365734	36.760	ng	89
49) Acenaphthylene	13.79	152	2353964	48.204	ng	100
50) Dimethylphthalate	13.55	163	2179731	50.485	ng	99
51) 2,6-Dinitrotoluene	13.66	165	434869	47.374	ng	# 82
52) Acenaphthene	14.14	154	1384330	45.683	ng	99
53) 3-Nitroaniline	13.98	138	134203	14.096	ng	90
54) 2,4-Dinitrophenol	14.20	184	509829	92.878	ng	# 85
55) Dibenzofuran	14.48	168	2321452	46.974	ng	95
56) 4-Nitrophenol	14.32	139	743007	99.837	ng	84
57) 2,4-Dinitrotoluene	14.45	165	602646	45.808	ng	# 86
58) Fluorene	15.13	166	1850133	44.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	612284	48.752	ng	93
60) Diethylphthalate	14.93	149	1862957	42.501	ng	97
61) 4-Chlorophenyl-phenylether	15.14	204	1043962	43.600	ng	97
62) 4-Nitroaniline	15.16	138	389426	37.056	ng	88
63) Azobenzene	15.43	77	1451642	38.825	ng	93
65) 4,6-Dinitro-2-methylphenol	15.22	198	357435	53.461	ng	90
66) n-Nitrosodiphenylamine	15.36	169	1644733	50.354	ng	98
67) 4-Bromophenyl-phenylether	16.03	248	686133	48.521	ng	96
68) Hexachlorobenzene	16.14	284	805211	49.621	ng	95
69) Atrazine	16.32	200	629351	50.196	ng	99
70) Pentachlorophenol	16.49	266	1055695	106.805	ng	99
71) Phenanthrene	16.87	178	2968663	48.211	ng	99
72) Anthracene	16.96	178	3018794	50.104	ng	100
73) Carbazole	17.23	167	2682801	48.913	ng	99
74) Di-n-butylphthalate	17.83	149	3074631	43.849	ng	99
75) Fluoranthene	18.90	202	3683239	47.926	ng	99
77) Benzdine	19.09	184	1495081	52.991	ng	99
78) Pyrene	19.26	202	3751929	46.978	ng	100
80) Butylbenzylphthalate	20.20	149	1429734	42.662	ng	91
81) Benzo(a)anthracene	21.03	228	4051388	48.182	ng	100
82) 3,3'-Dichlorobenzidine	20.97	252	826811	27.335	ng	98
83) Chrysene	21.08	228	3906052	48.683	ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2108491	42.640	ng	98
85) Di-n-octyl phthalate	21.85	149	3788427	46.373	ng	97
86) Indeno(1,2,3-cd)pyrene	25.23	276	5399988	61.749	ng	99
88) Benzo(b)fluoranthene	22.53	252	4556868	46.504	ng	99
89) Benzo(k)fluoranthene	22.58	252	4395215	45.953	ng	99
90) Benzo(a)pyrene	23.06	252	4183721	46.961	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	4596519	54.360	ng	98
92) Benzo(g,h,i)perylene	25.85	276	4556699	59.348	ng	98

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

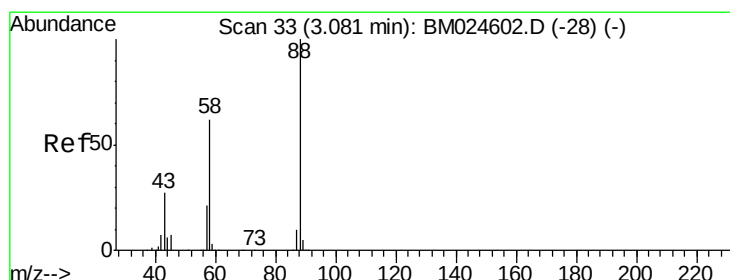
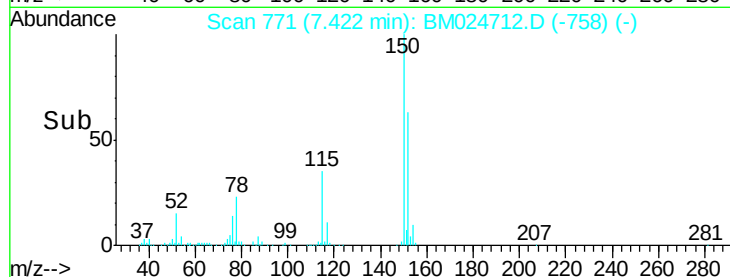
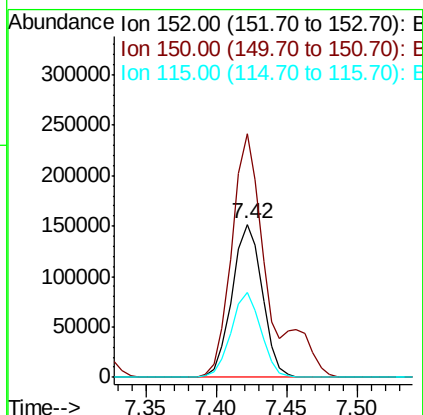
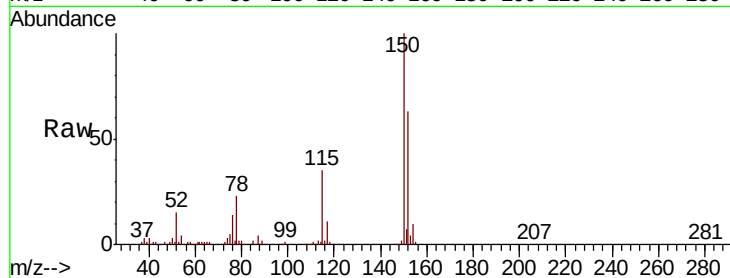


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :

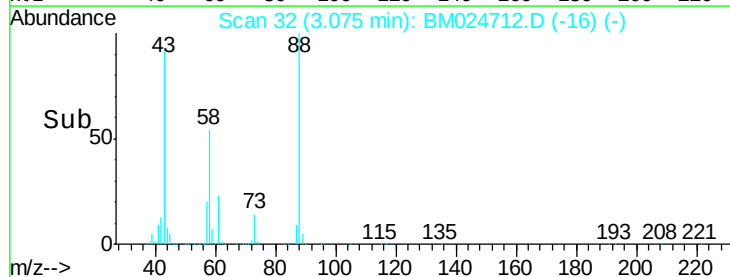
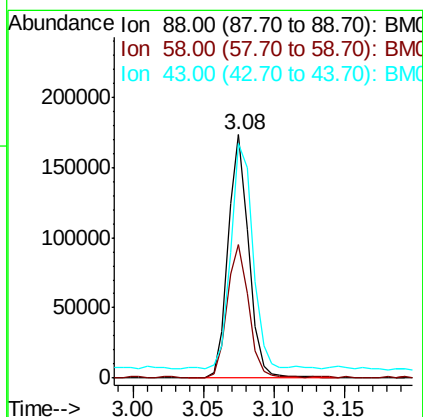
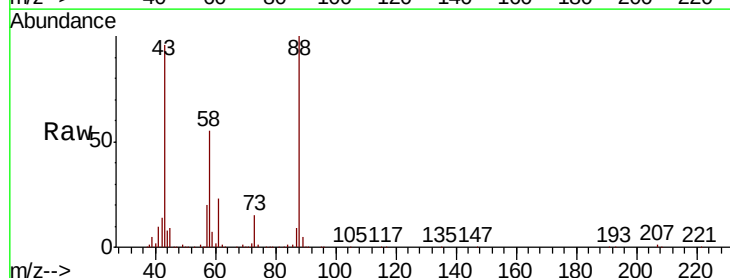
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.2	186.4
115	55.2	48.6	72.8

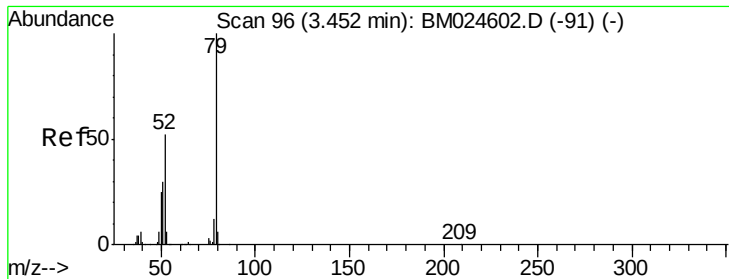


#2

1,4-Dioxane
Concen: 36.918 ng
RT: 3.08 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.4	50.0	75.0
43	99.3	21.6	32.4





#3

Pvridine

Concen: 33.556 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

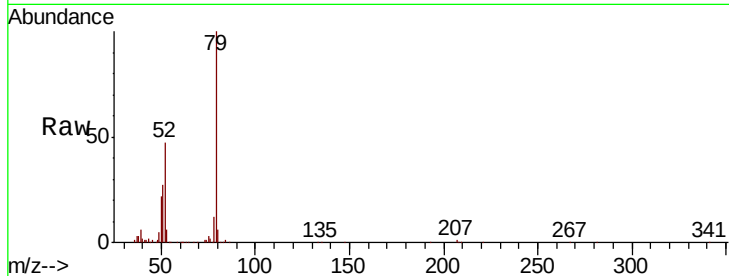
Tot Ion: 79 Resp: 460783

Ion Ratio Lower Upper

79 100

52 47.5 41.4 62.2

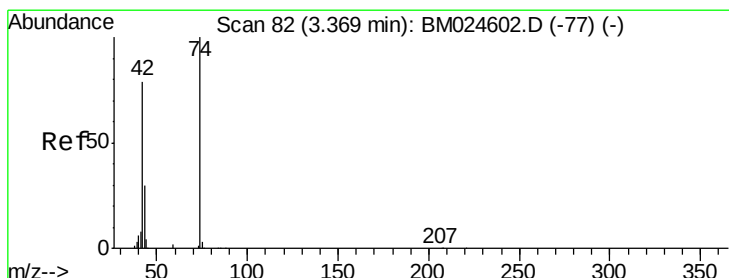
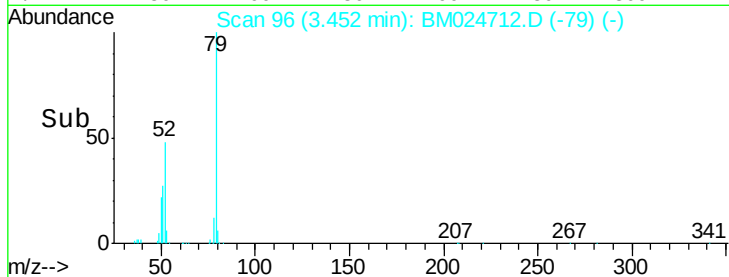
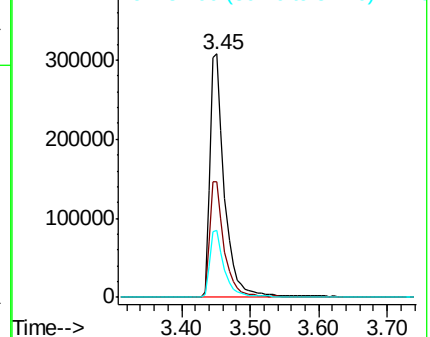
51 27.3 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024712.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM024712.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024712.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 34.569 ng

RT: 3.35 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

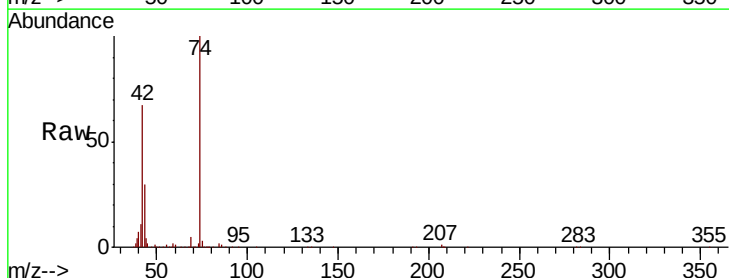
Tgt Ion: 42 Resp: 210699

Ion Ratio Lower Upper

42 100

74 148.8 101.4 152.2

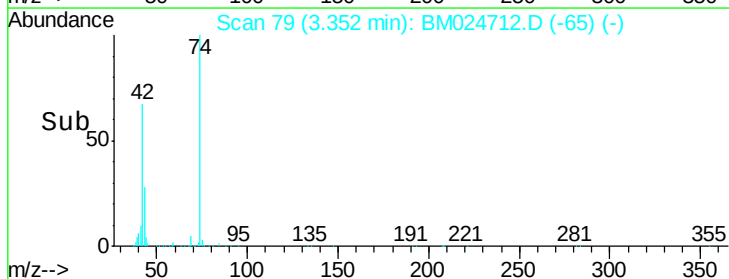
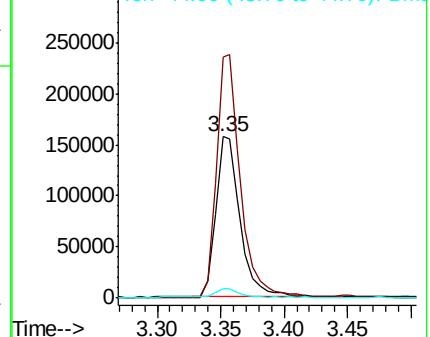
44 5.8 4.6 6.8

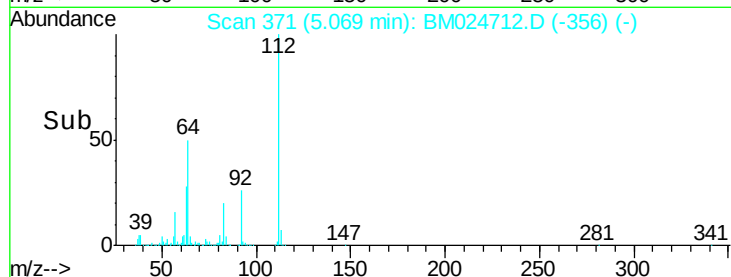
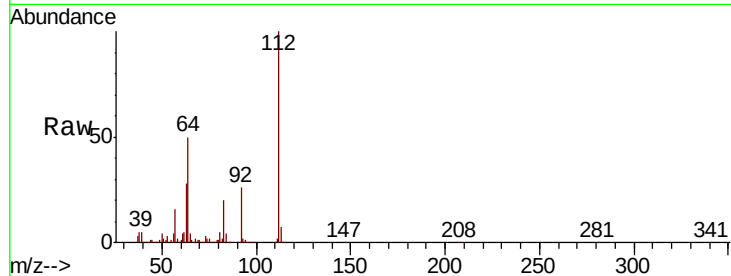
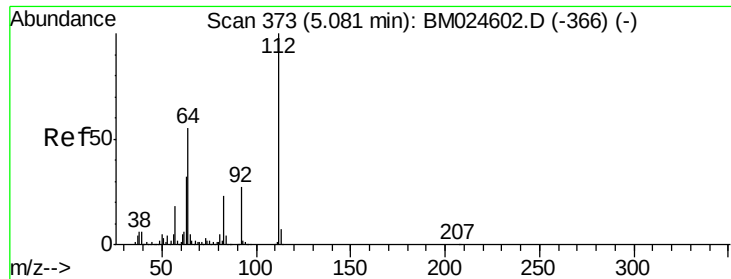


Abundance Ion 42.00 (41.70 to 42.70): BM024712.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BM024712.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024712.D (-65) (-)

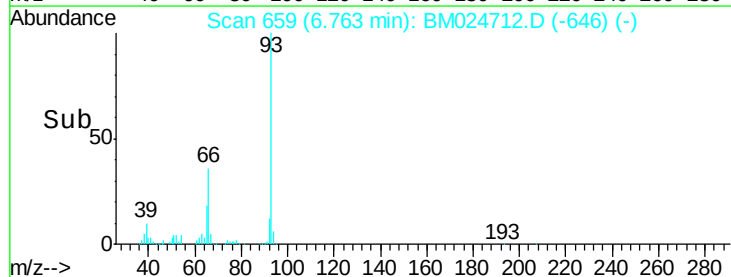
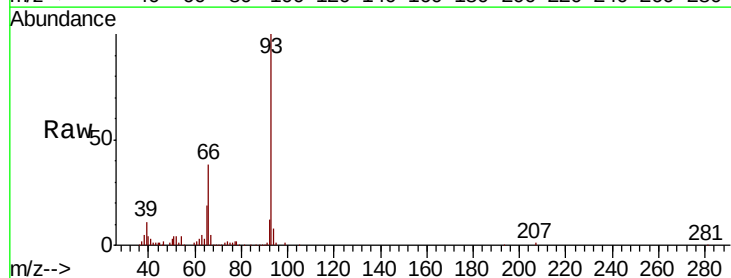
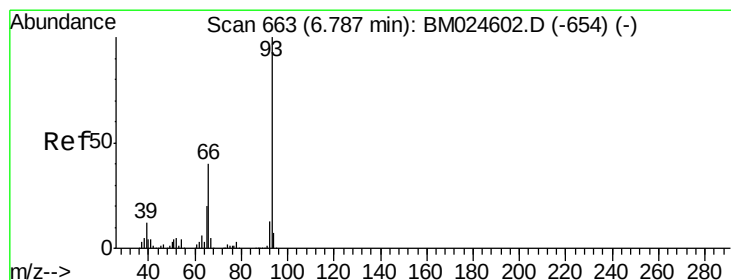
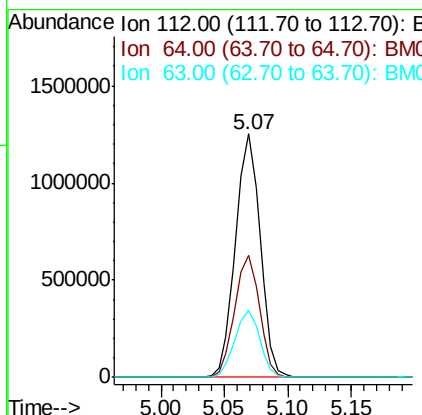




#5
2-Fluorophenol
Concen: 141.119 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

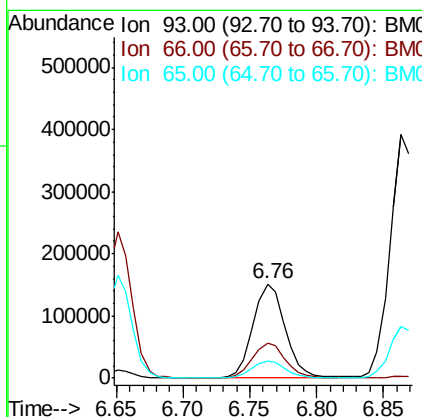
Instrument :
BNA_M
ClientSampleId :

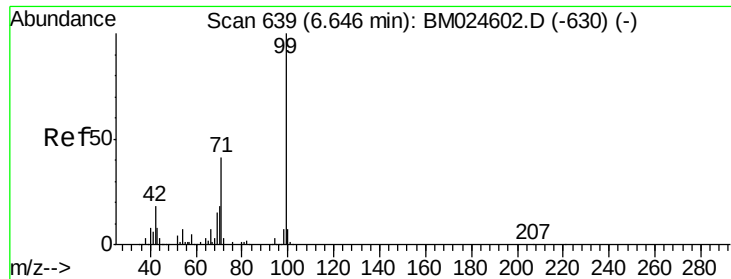
Tot Ion:112 Resp: 1689829
Ion Ratio Lower Upper
112 100
64 50.3 44.2 66.4
63 27.6 25.9 38.9



#6
Aniline
Concen: 12.608 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion: 93 Resp: 253175
Ion Ratio Lower Upper
93 100
66 37.7 31.8 47.8
65 18.8 15.8 23.6





#7

Phenol-d6

Concen: 125.108 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

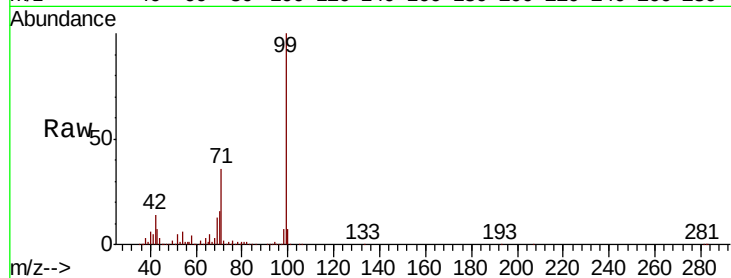
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2063750

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.1	21.1
71	36.2	33.0	49.6

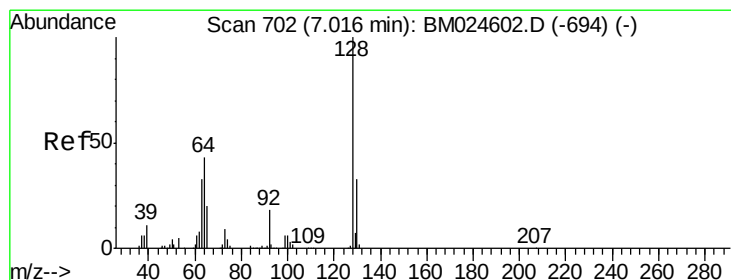
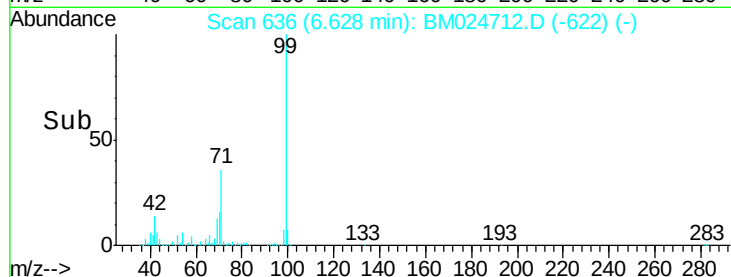
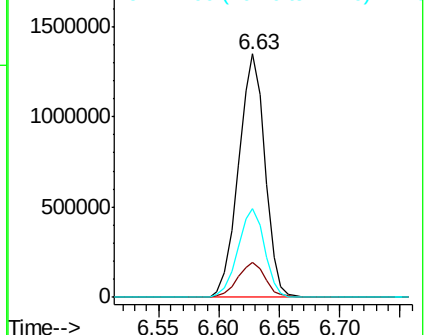


Abundance

Ion 99.00 (98.70 to 99.70): BM024712.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024712.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024712.D (-622) (-)



#8

2-Chlorophenol

Concen: 48.676 ng

RT: 7.00 min Scan# 699

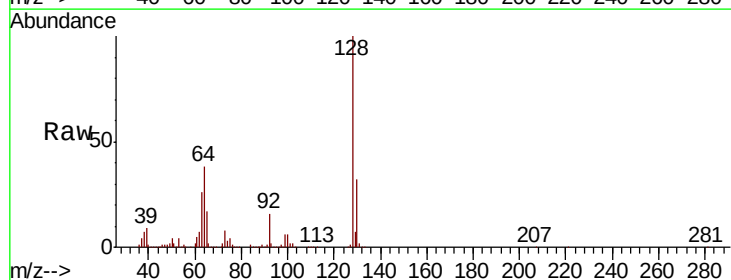
Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion: 128 Resp: 663526

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	38.2	26.1	66.1

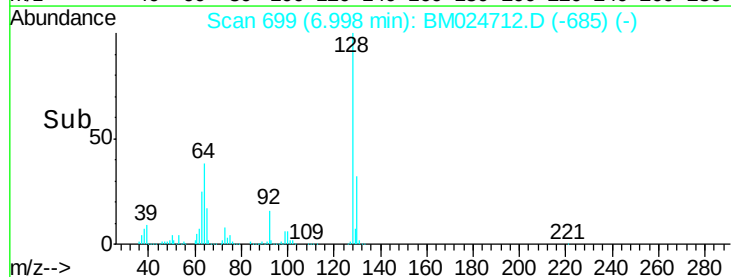
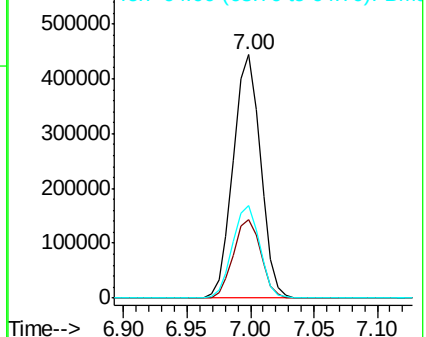


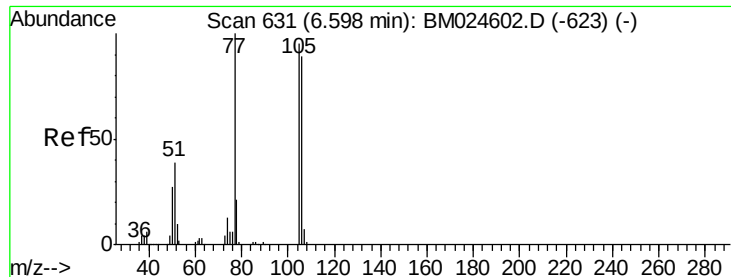
Abundance

Ion 128.00 (127.70 to 128.70): BM024712.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024712.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024712.D (-685) (-)





#9

Benzaldehyde

Concen: 17.512 ng

RT: 6.57 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

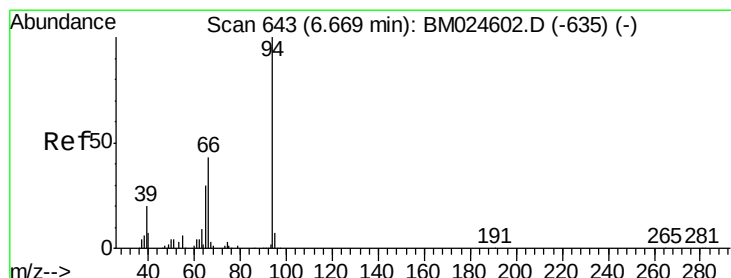
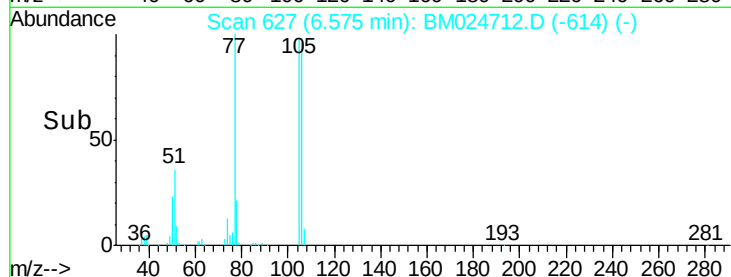
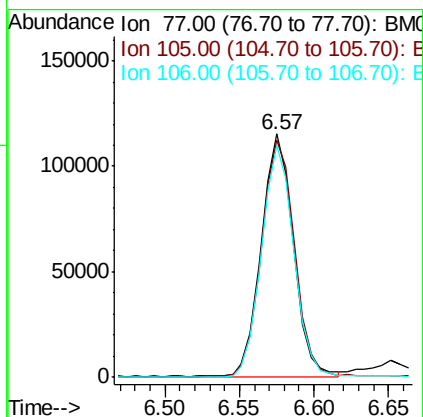
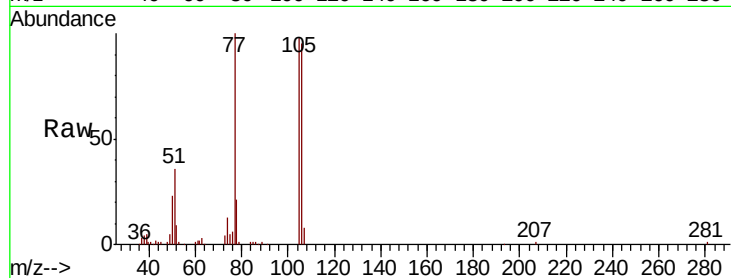
Tot Ion: 77 Resp: 170690

Ion Ratio Lower Upper

77 100

105 97.5 75.2 115.2

106 95.3 68.6 108.6



#10

Phenol

Concen: 49.338 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

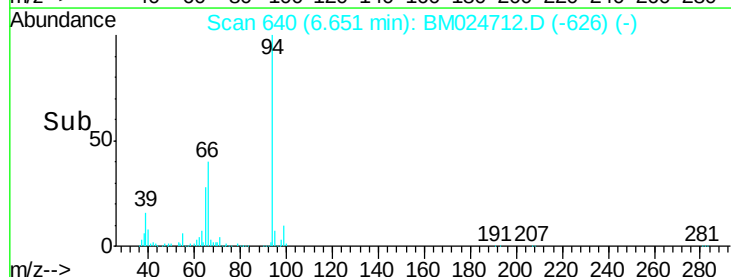
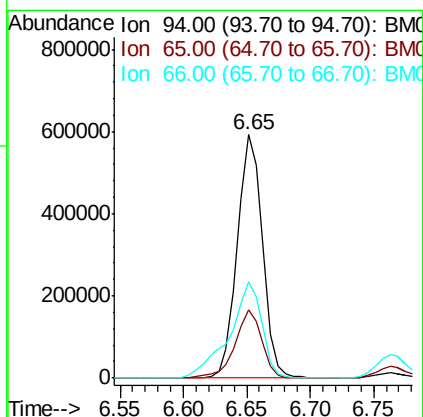
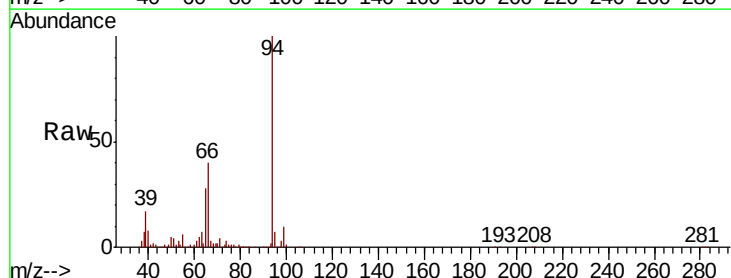
Tgt Ion: 94 Resp: 811277

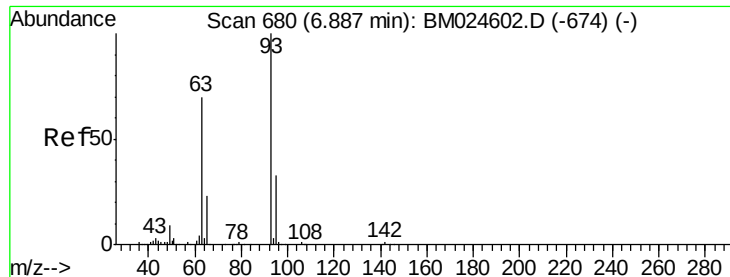
Ion Ratio Lower Upper

94 100

65 27.8 10.3 50.3

66 39.7 24.8 64.8





#11

bis(2-Chloroethyl)ether

Concen: 41.754 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampled :

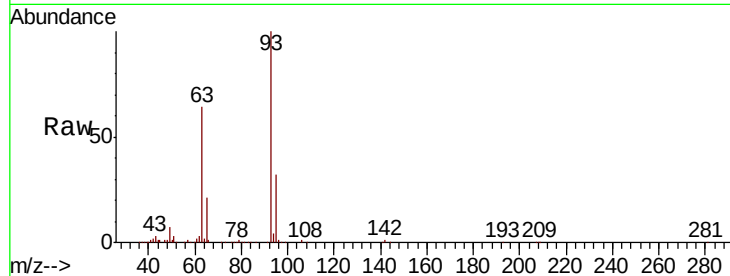
Tot Ion: 93 Resp: 549628

Ion Ratio Lower Upper

93 100

63 63.9 49.6 89.6

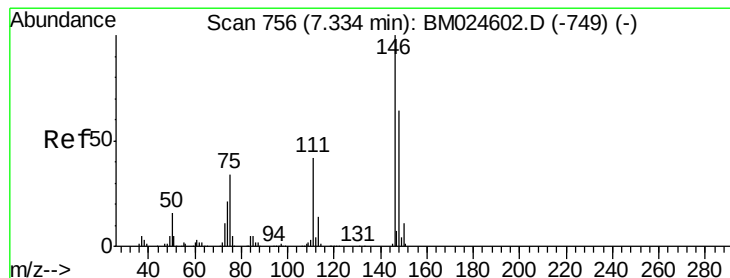
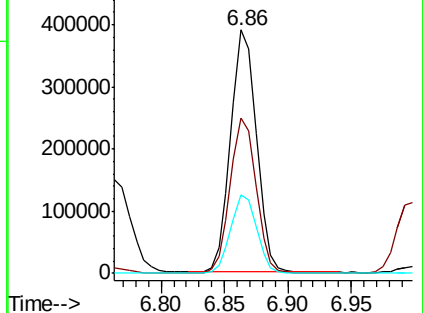
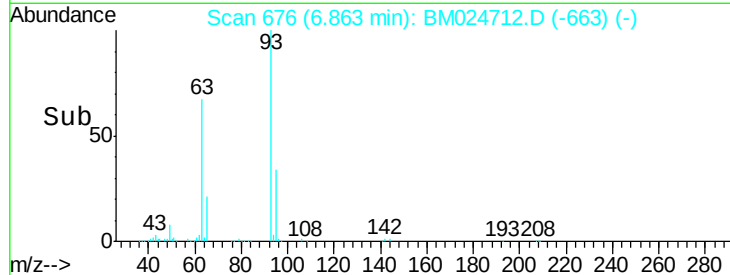
95 32.5 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BM024712.D (-663) (-)

Ion 63.00 (62.70 to 63.70): BM024712.D (-663) (-)

Ion 95.00 (94.70 to 95.70): BM024712.D (-663) (-)



#12

1,3-Dichlorobenzene

Concen: 40.791 ng

RT: 7.32 min Scan# 753

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

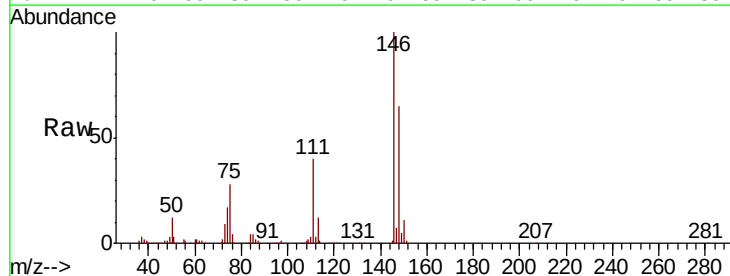
Tgt Ion: 146 Resp: 683099

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

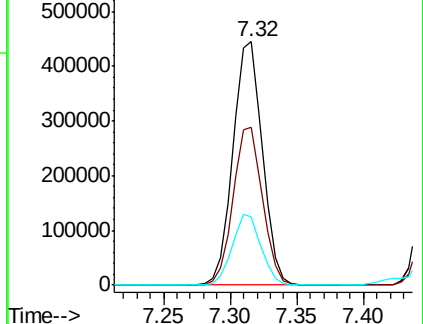
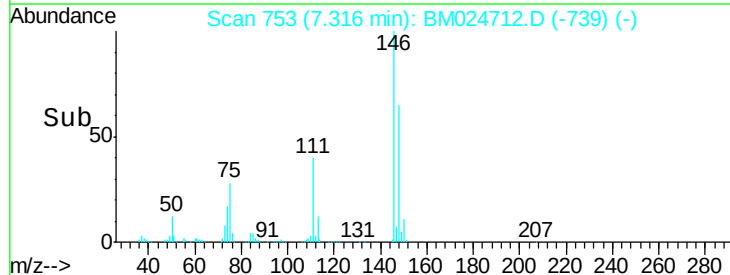
75 28.2 27.0 40.4

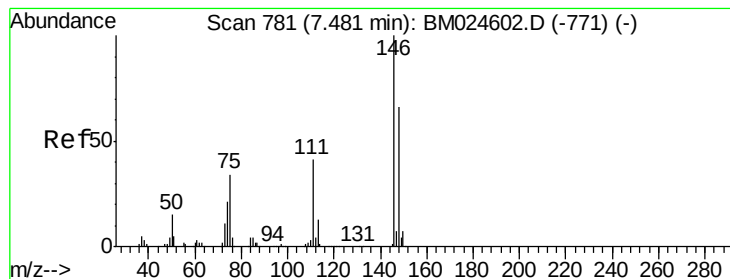


Abundance Ion 146.00 (145.70 to 146.70): BM024712.D (-739) (-)

Ion 148.00 (147.70 to 148.70): BM024712.D (-739) (-)

Ion 75.00 (74.70 to 75.70): BM024712.D (-739) (-)





#13

1,4-Dichlorobenzene

Concen: 41.080 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

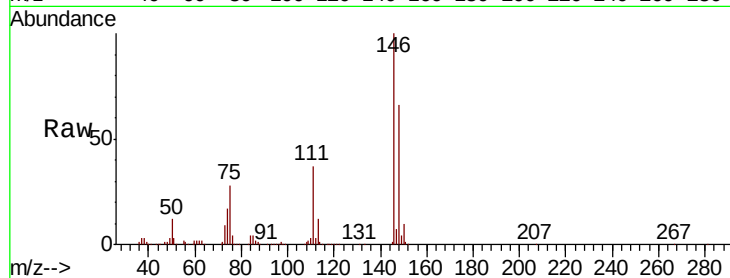
Tot Ion:146 Resp: 697912

Ion Ratio Lower Upper

146 100

148 65.7 52.5 78.7

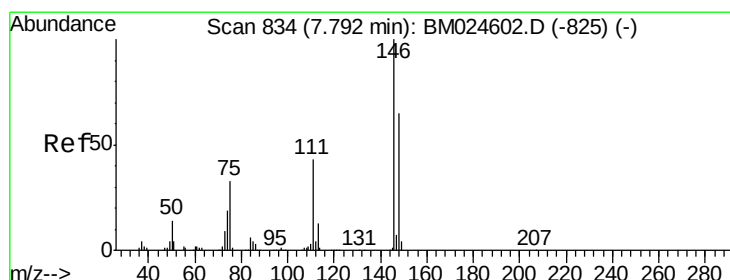
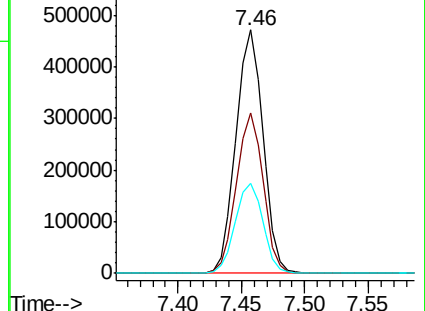
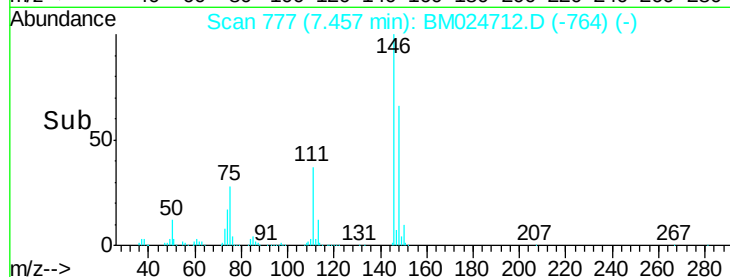
111 37.1 33.0 49.4



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: 40.536 ng

RT: 7.77 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

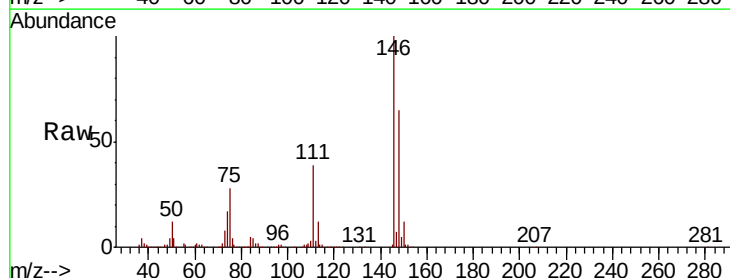
Tgt Ion:146 Resp: 664751

Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

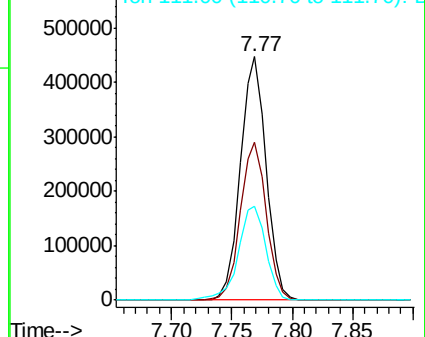
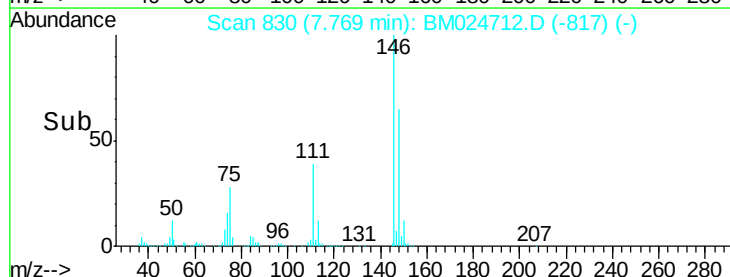
111 38.6 34.5 51.7

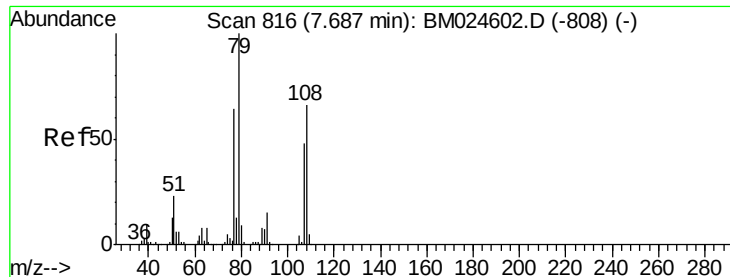


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.708 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

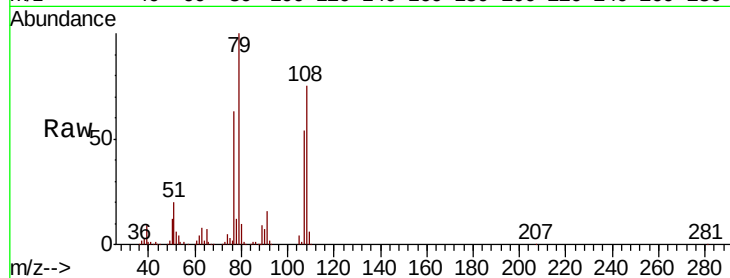
Tot Ion: 79 Resp: 553651

Ion Ratio Lower Upper

79 100

108 75.3 53.0 79.4

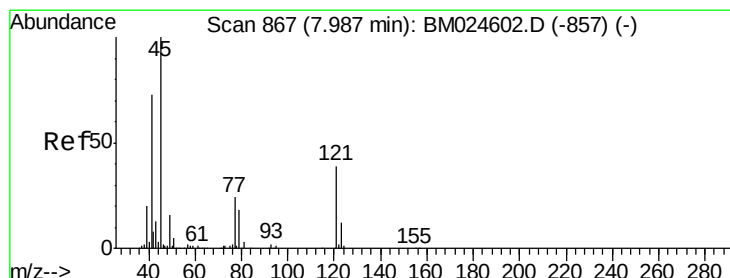
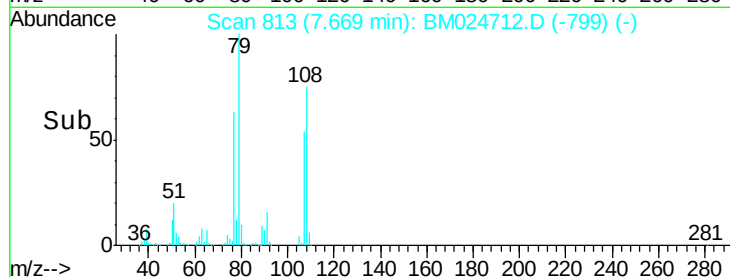
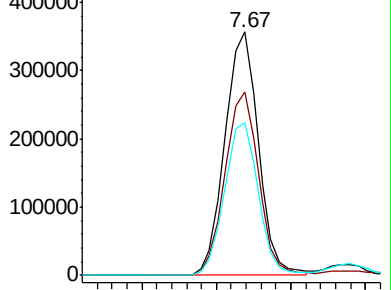
77 62.9 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024712.D (-799) (-)

Ion 108.00 (107.70 to 108.70): BM024712.D (-799) (-)

Ion 77.00 (76.70 to 77.70): BM024712.D (-799) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.070 ng

RT: 7.96 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

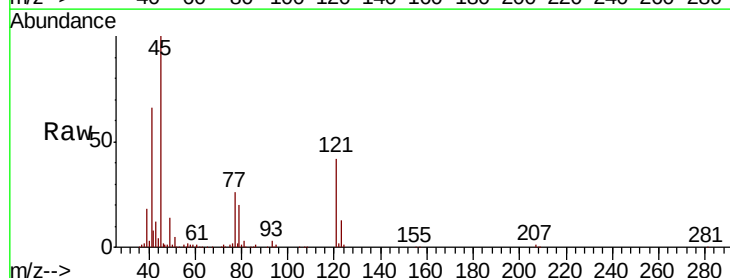
Tgt Ion: 45 Resp: 422622

Ion Ratio Lower Upper

45 100

77 25.6 5.2 45.2

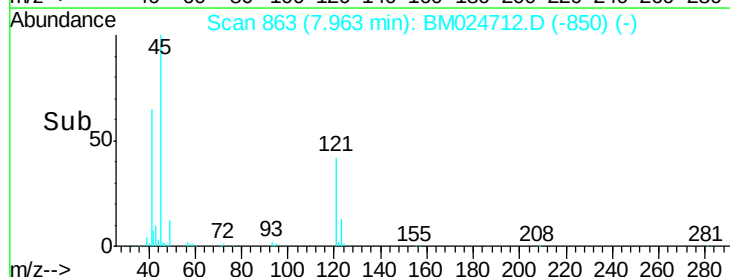
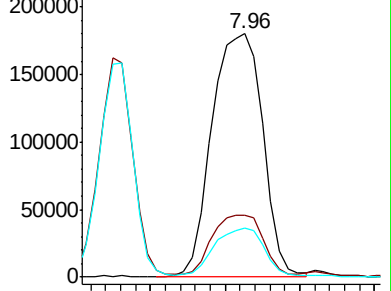
79 19.9 0.0 39.4

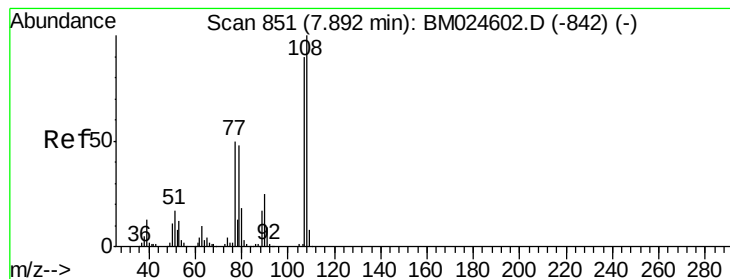


Abundance Ion 45.00 (44.70 to 45.70): BM024712.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM024712.D (-850) (-)

Ion 79.00 (78.70 to 79.70): BM024712.D (-850) (-)

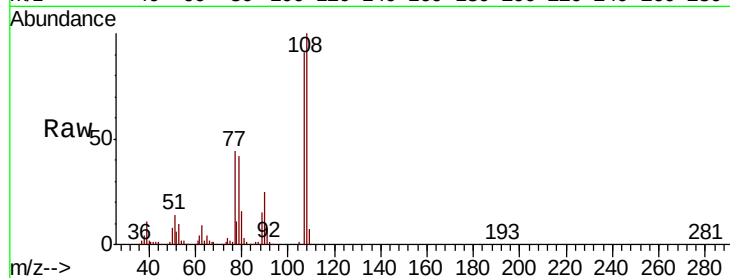




#17
2-Methylphenol
Concen: 45.498 ng
RT: 7.87 min Scan# 848
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	527201
Ion	Ratio	Lower	Upper
107	100		
108	110.1	88.9	133.3
77	48.0	44.5	66.7
79	46.7	42.9	64.3



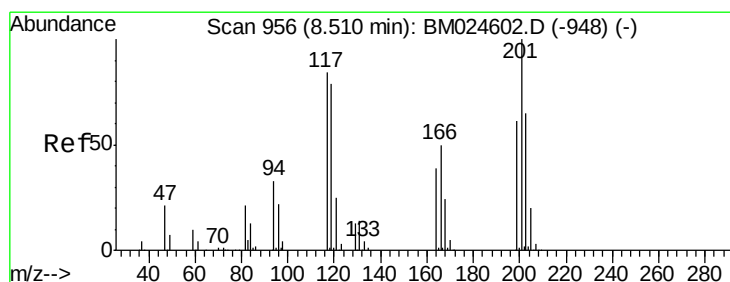
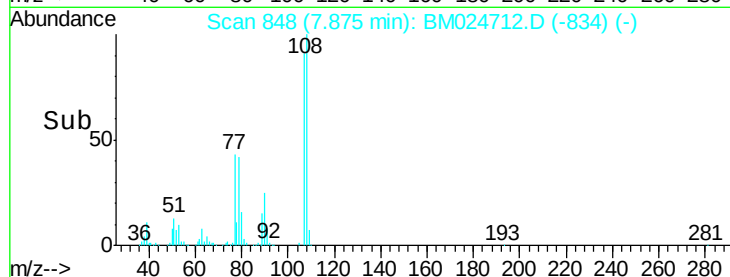
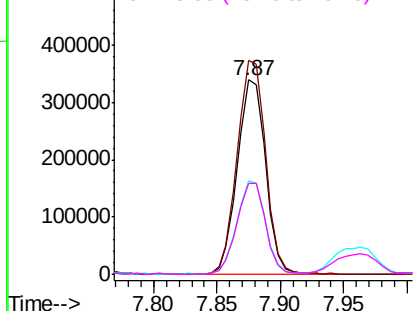
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

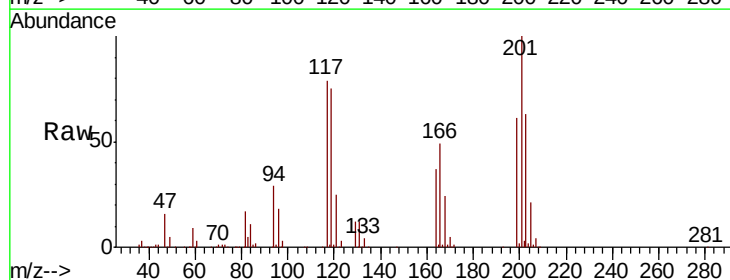
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 36.508 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.03 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:	117	Resp:	239504
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.4	113.2
201	126.9	95.8	143.6

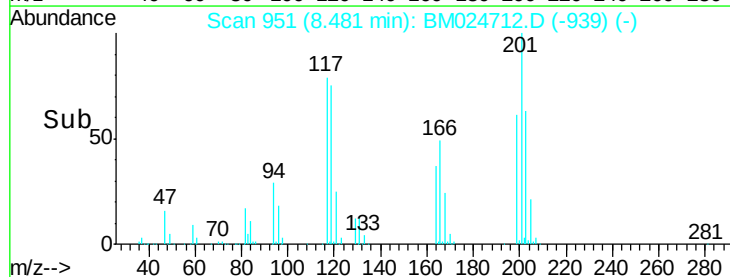
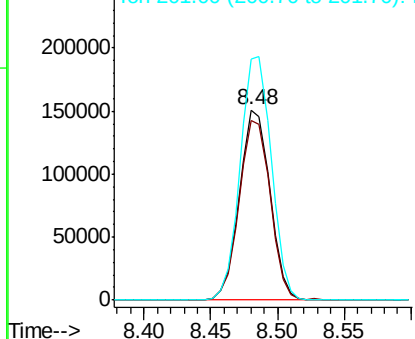


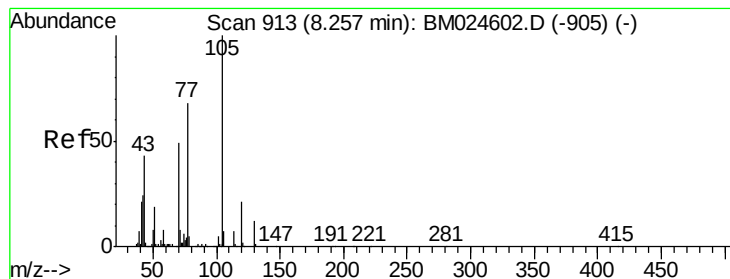
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.387 ng

RT: 8.23 min Scan# 909

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 438273

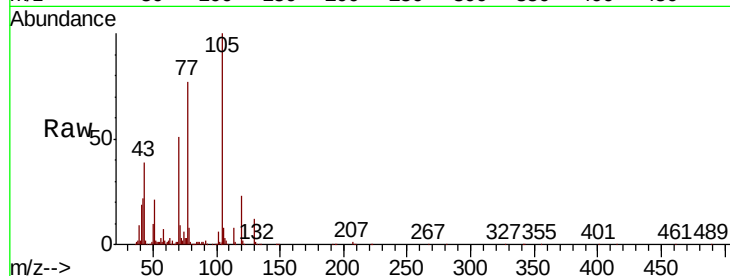
Ion Ratio Lower Upper

70 100

42 43.7 40.0 60.0

101 11.0 8.2 12.2

130 24.3 18.6 27.8

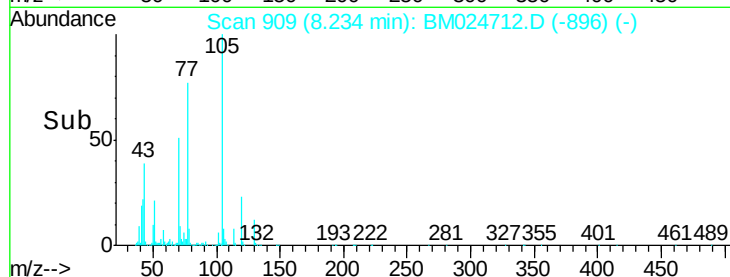


Abundance Ion 70.00 (69.70 to 70.70): BM0

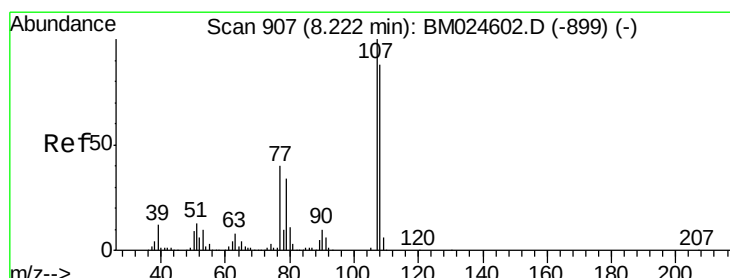
Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->



#20

3+4-Methylphenols

Concen: 43.867 ng

RT: 8.20 min Scan# 904

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion: 107 Resp: 703624

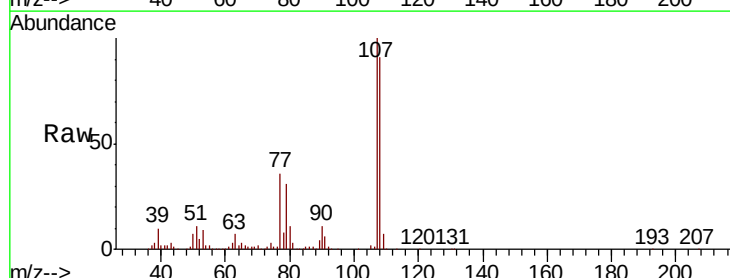
Ion Ratio Lower Upper

107 100

108 90.9 68.0 108.0

77 36.1 19.9 59.9

79 30.6 13.7 53.7

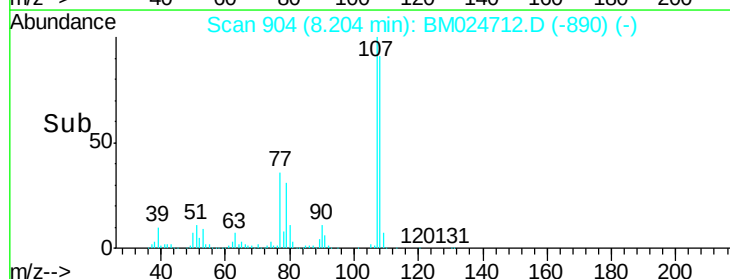


Abundance Ion 107.00 (106.70 to 107.70): E

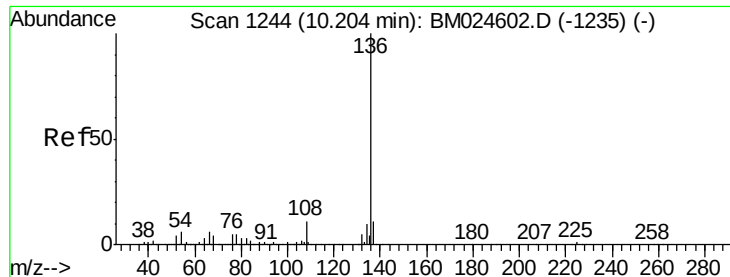
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024712.D

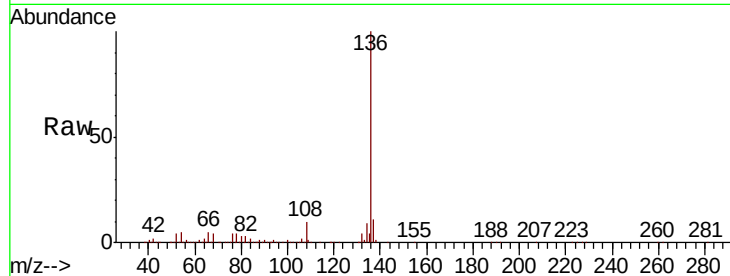
Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	833006
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 13.0
54	5.0	4.5 6.7
68	3.9	3.4 5.0

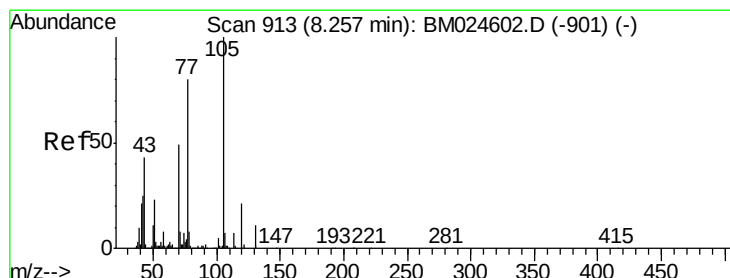
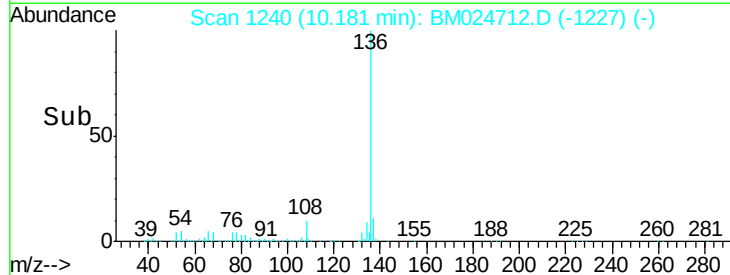
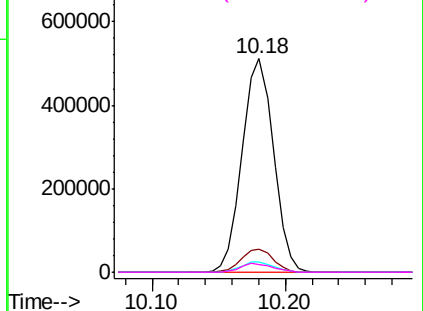


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 41.772 ng

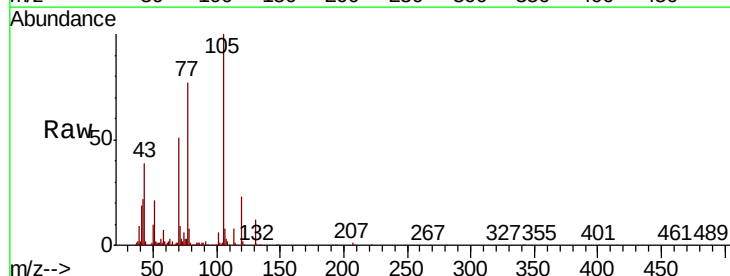
RT: 8.23 min Scan# 909

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion:105	Resp:	897244
Ion Ratio	Lower	Upper
105	100	
71	8.6	6.7 10.1
51	21.3	18.5 27.7
120	22.6	16.6 25.0

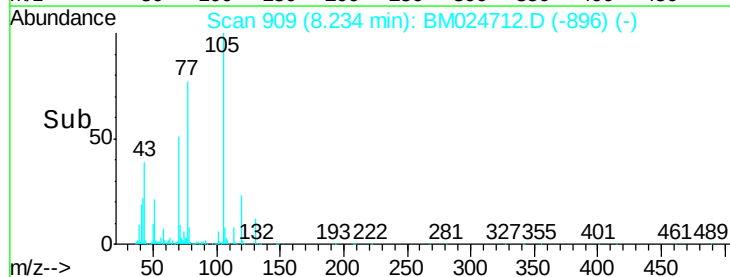
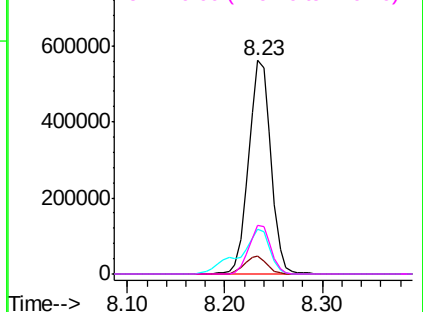


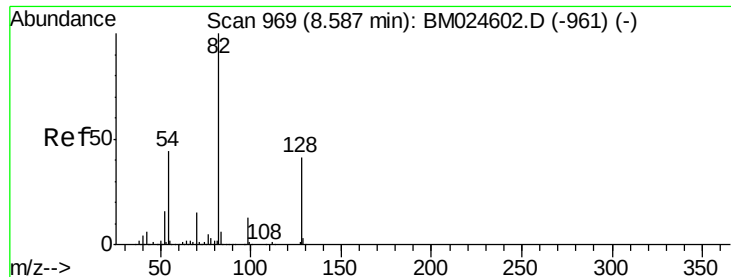
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

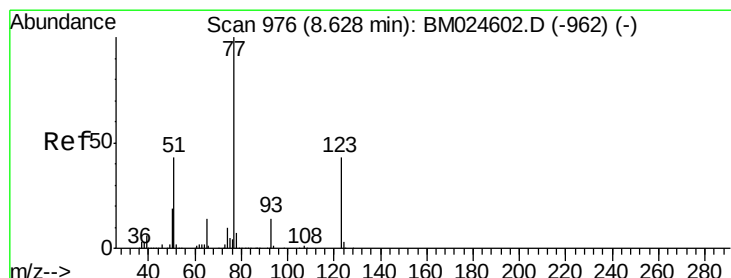
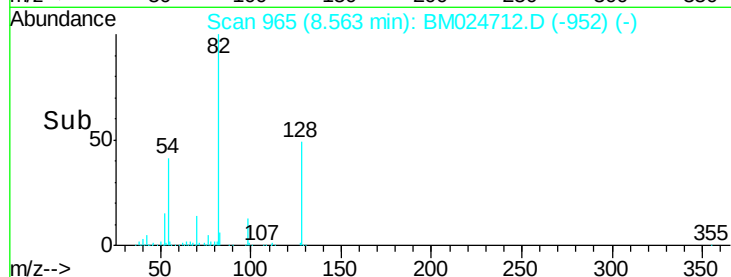
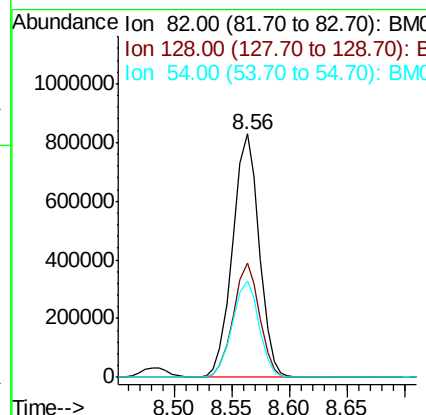
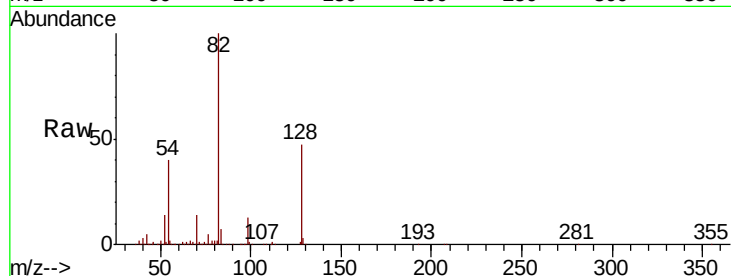




#23
 Nitrobenzene-d5
 Concen: 77.787 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

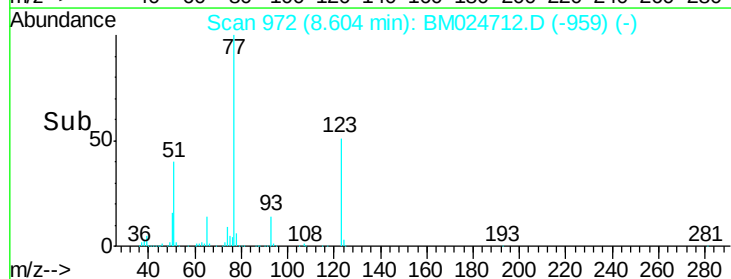
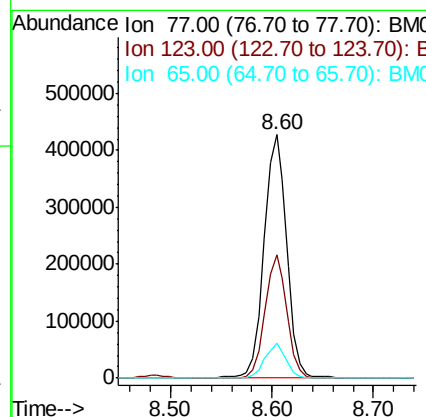
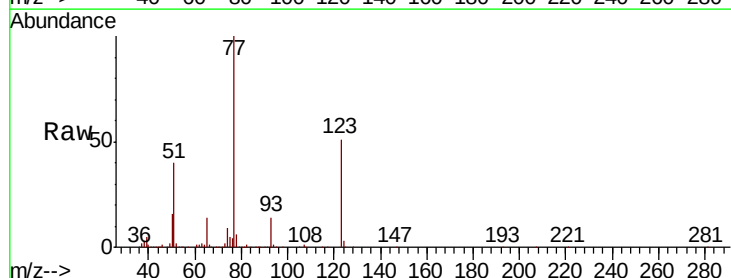
Instrument :
 BNA_M
 ClientSampleId :

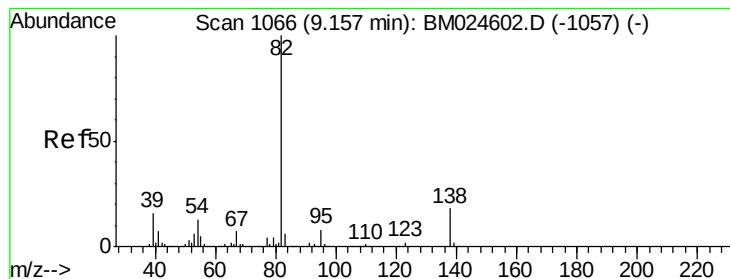
Tot Ion: 82 Resp: 1321278
 Ion Ratio Lower Upper
 82 100
 128 46.9 32.6 48.8
 54 39.9 34.8 52.2



#24
 Nitrobenzene
 Concen: 40.655 ng
 RT: 8.60 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion: 77 Resp: 661760
 Ion Ratio Lower Upper
 77 100
 123 50.8 34.6 52.0
 65 14.1 11.0 16.4





#25

Isophorone

Concen: 42.212 ng

RT: 9.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampled :

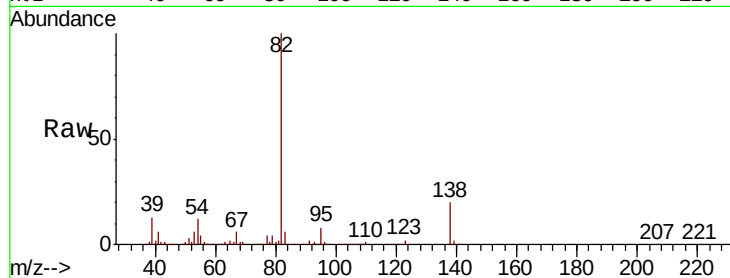
Tot Ion: 82 Resp: 1218292

Ion Ratio Lower Upper

82 100

95 8.0 6.7 10.1

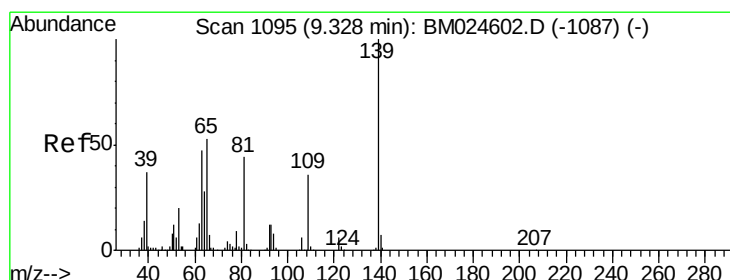
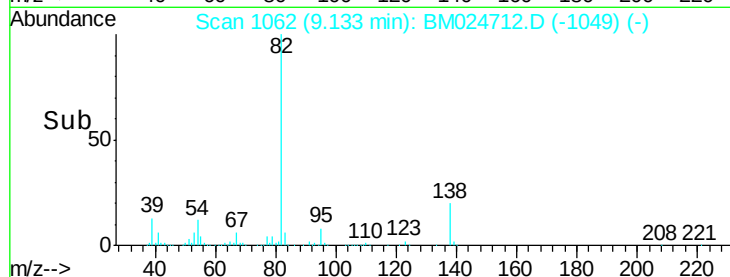
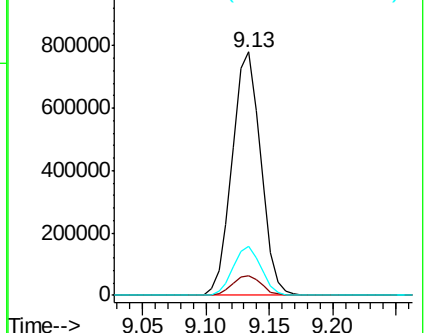
138 20.3 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024712.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024712.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024712.D (-1049) (-)



#26

2-Nitrophenol

Concen: 50.309 ng

RT: 9.30 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

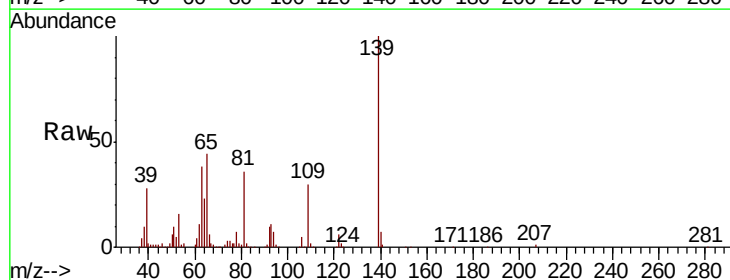
Tgt Ion: 139 Resp: 379188

Ion Ratio Lower Upper

139 100

109 30.3 28.8 43.2

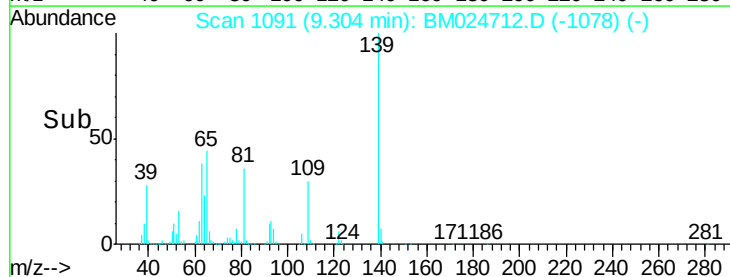
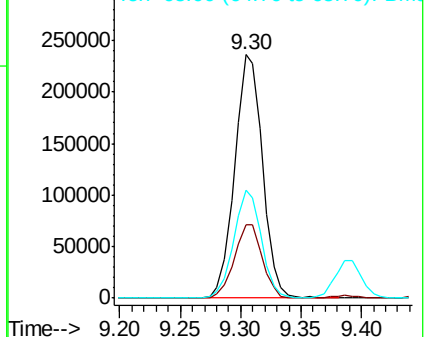
65 44.3 42.6 63.8

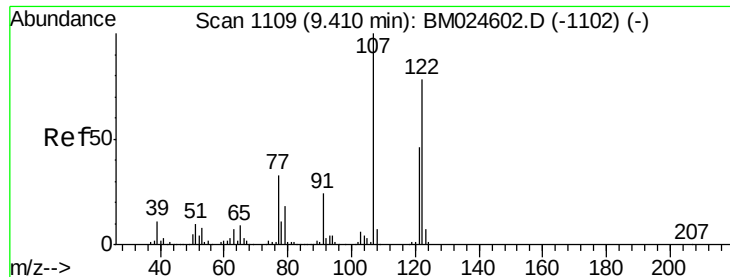


Abundance Ion 139.00 (138.70 to 139.70): BM024712.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024712.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024712.D (-1078) (-)

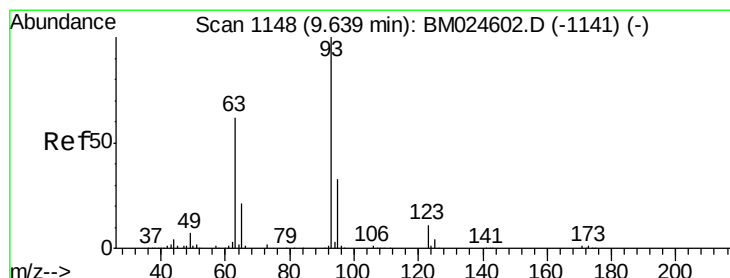
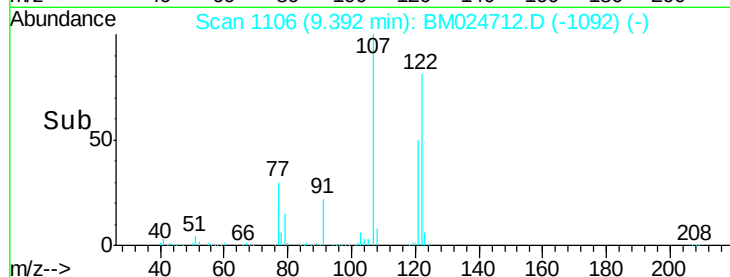
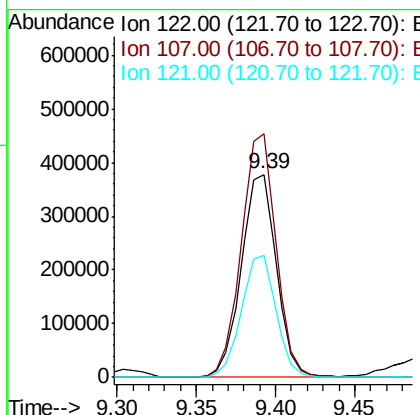
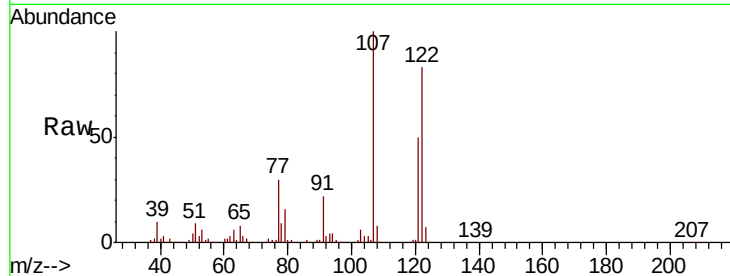




#27
2,4-Dimethylphenol
Concen: 56.953 ng
RT: 9.39 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

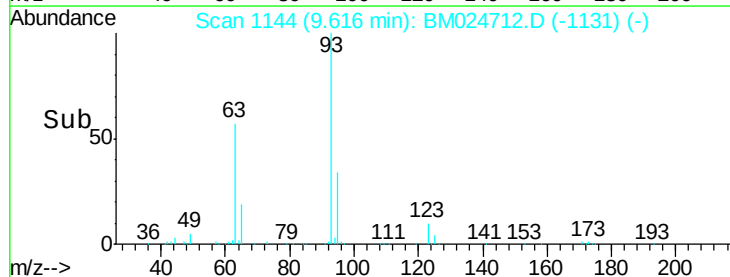
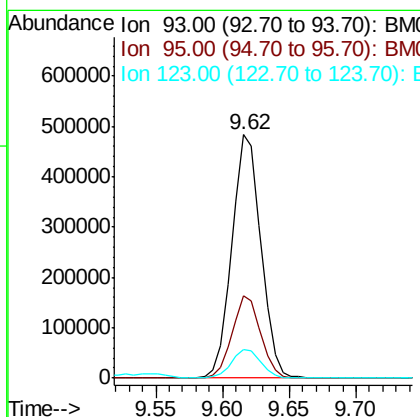
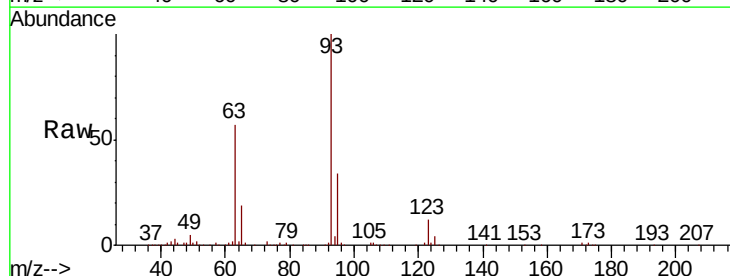
Instrument :
BNA_M
ClientSampled :

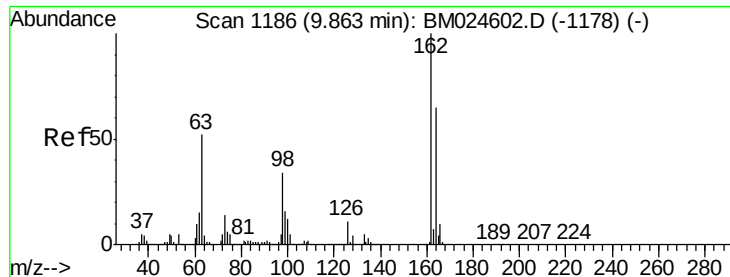
Tot Ion:122 Resp: 583331
Ion Ratio Lower Upper
122 100
107 119.8 102.5 153.7
121 59.8 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.745 ng
RT: 9.62 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion: 93 Resp: 735993
Ion Ratio Lower Upper
93 100
95 33.6 26.1 39.1
123 11.9 8.7 13.1

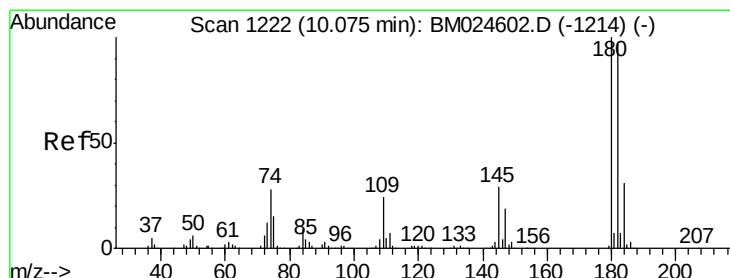
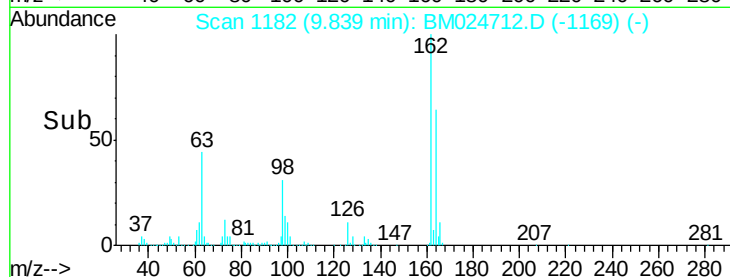
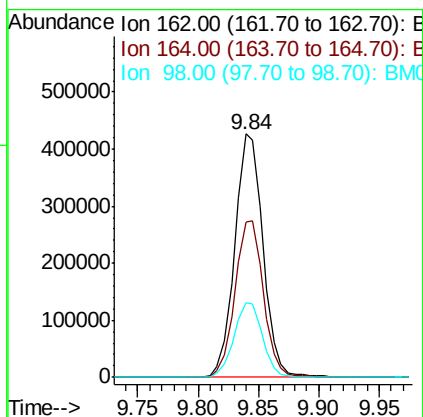
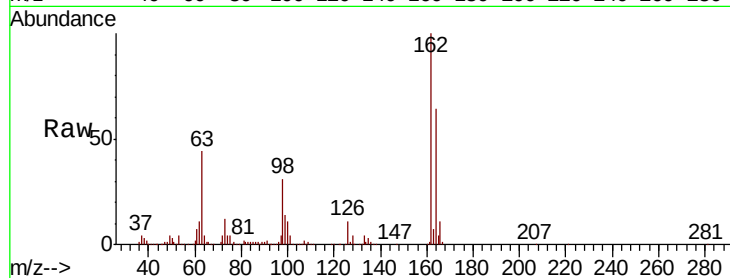




#29
 2,4-Dichlorophenol
 Concen: 50.370 ng
 RT: 9.84 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

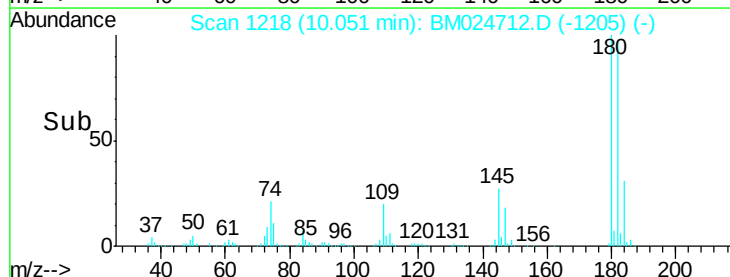
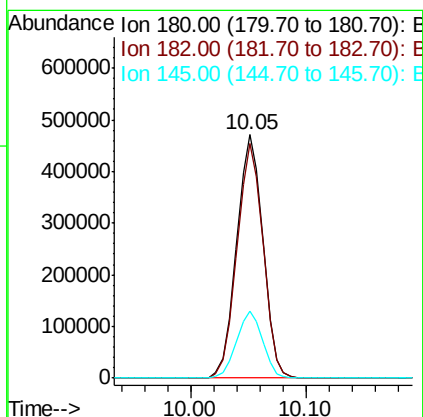
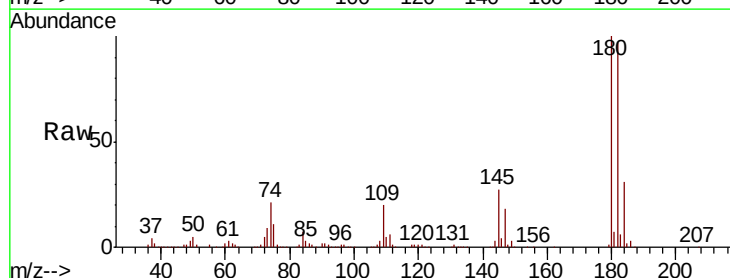
Instrument :
 BNA_M
 ClientSampled :

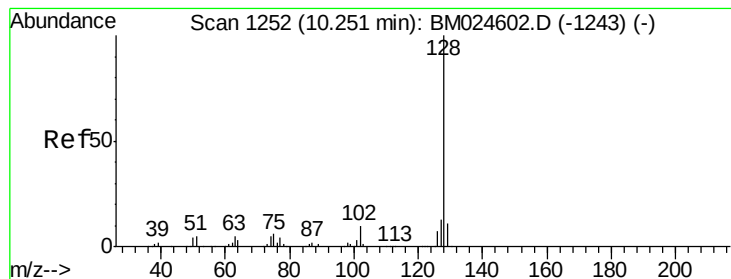
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.5	84.5
98	30.6	14.2	54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.397 ng
 RT: 10.05 min Scan# 1218
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.8	116.6
145	27.5	22.9	34.3





#31

Naphthalene

Concen: 44.231 ng

RT: 10.23 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

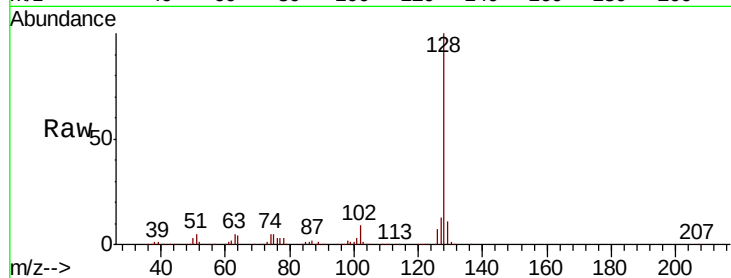
Tot Ion:128 Resp: 1860943

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

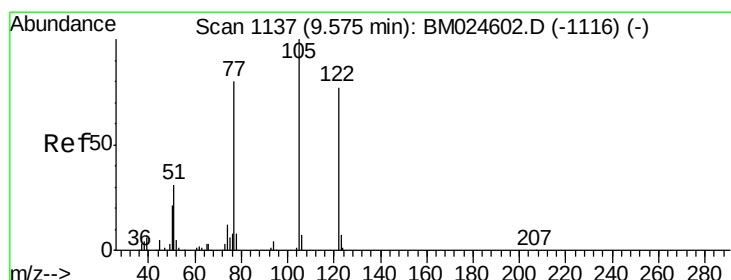
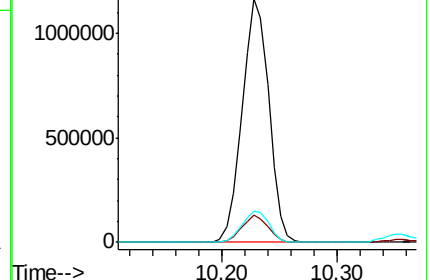
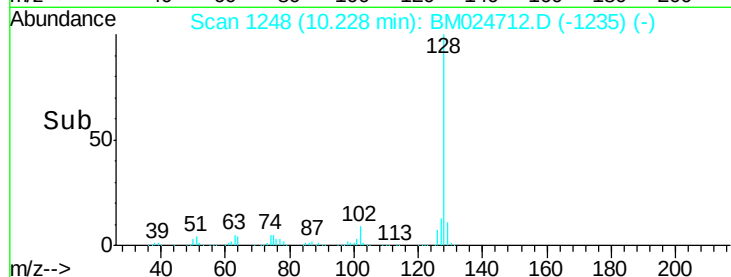
127 13.0 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.738 ng

RT: 9.55 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

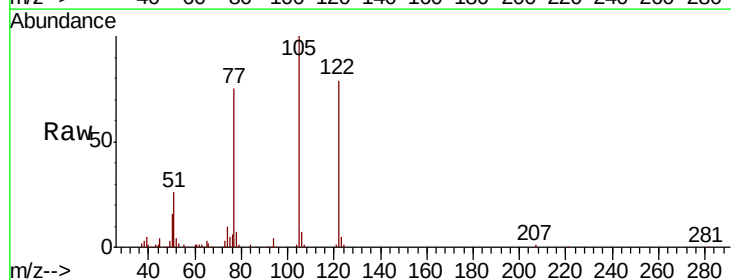
Tgt Ion:122 Resp: 381686

Ion Ratio Lower Upper

122 100

105 126.4 107.7 147.7

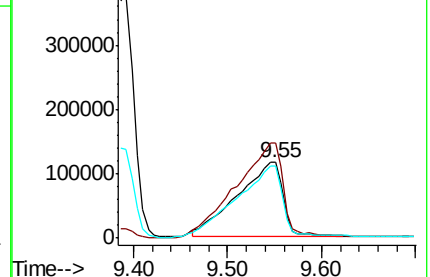
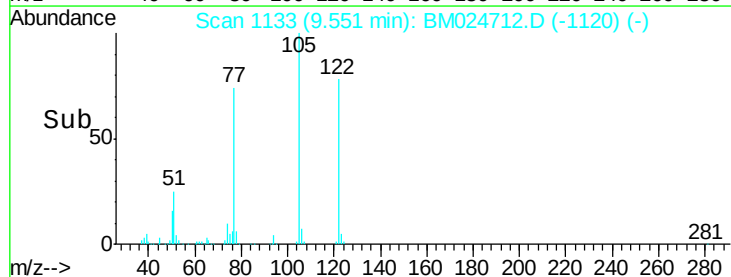
77 94.9 83.8 123.8

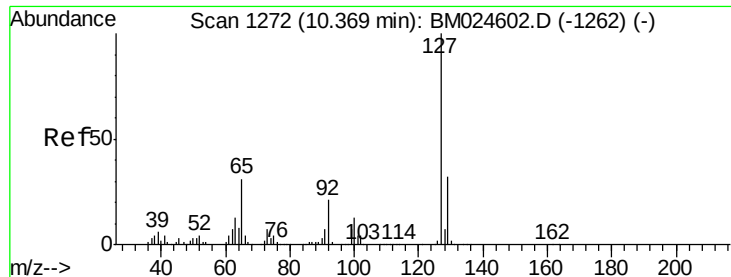


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

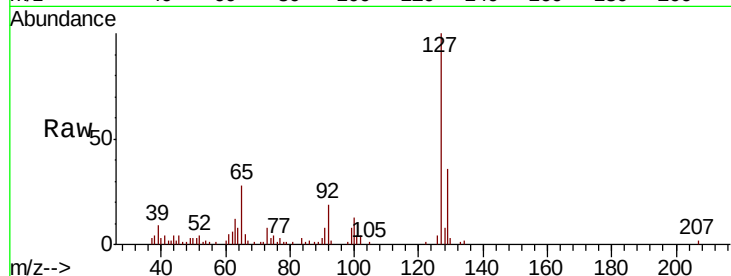




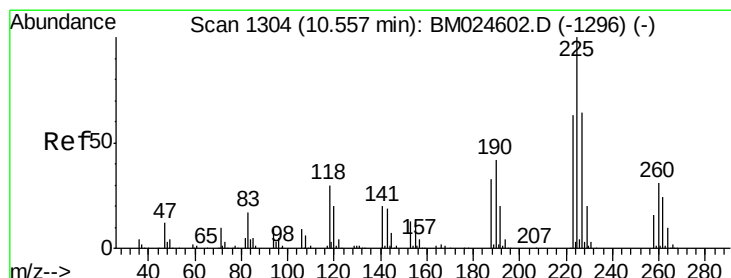
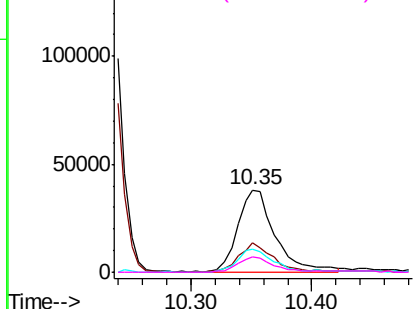
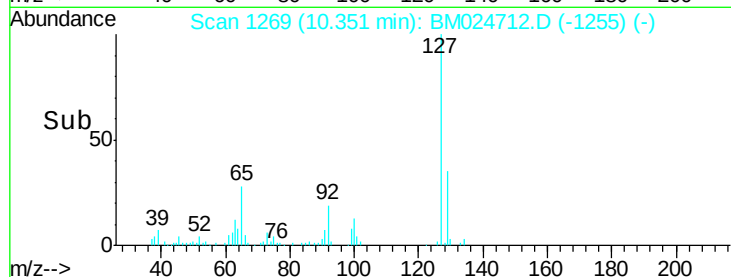
#33
4-Chloroaniline
Concen: 4.464 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	82323
Ion	Ratio	Lower	Upper
127	100		
129	35.6	25.9	38.9
65	28.2	25.1	37.7
92	19.0	16.6	25.0

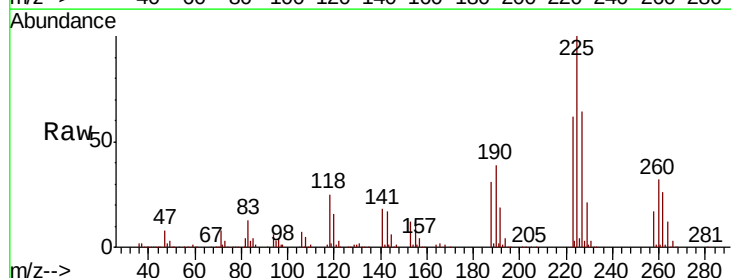


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

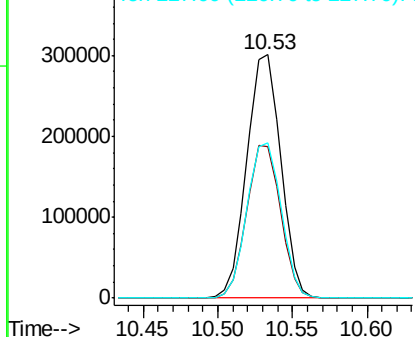
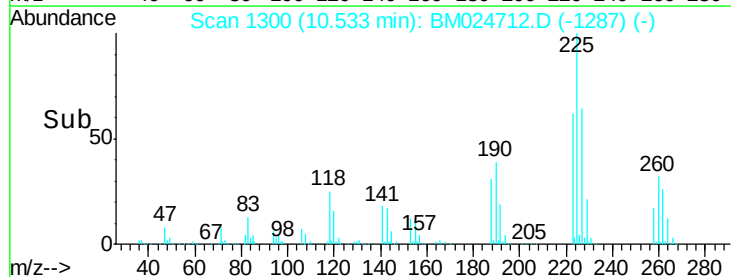


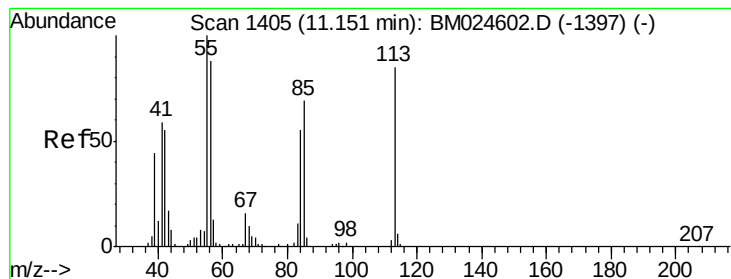
#34
Hexachlorobutadiene
Concen: 41.125 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:	225	Resp:	474450
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.7	76.1
227	63.6	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: 38.356 ng

RT: 11.13 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

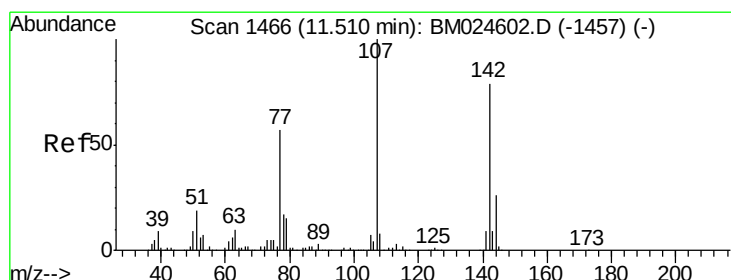
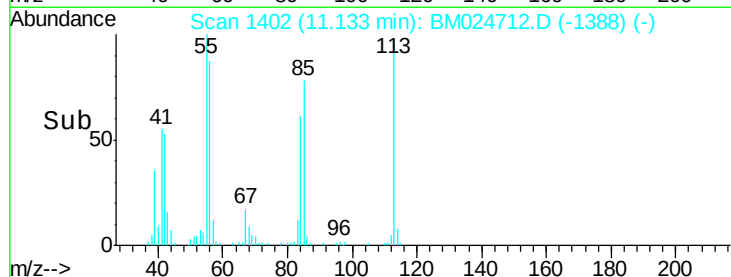
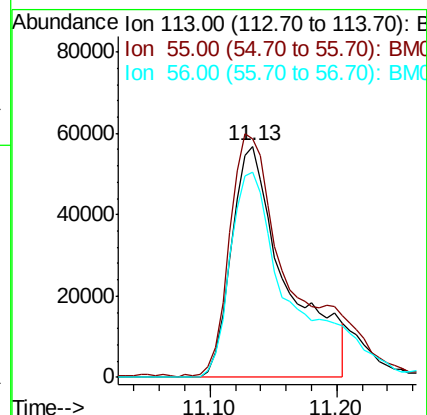
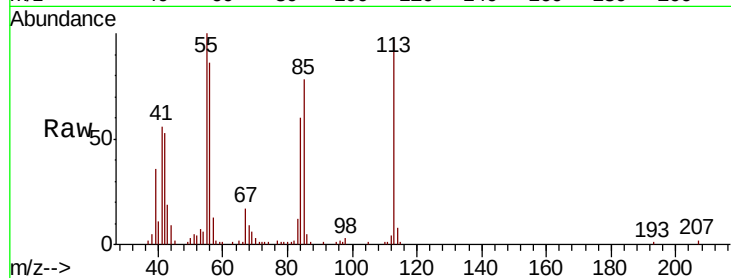
Tot Ion:113 Resp: 170280

Ion Ratio Lower Upper

113 100

55 103.5 97.5 137.5

56 89.1 83.4 123.4



#36

4-Chloro-3-methylphenol

Concen: 43.593 ng

RT: 11.49 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

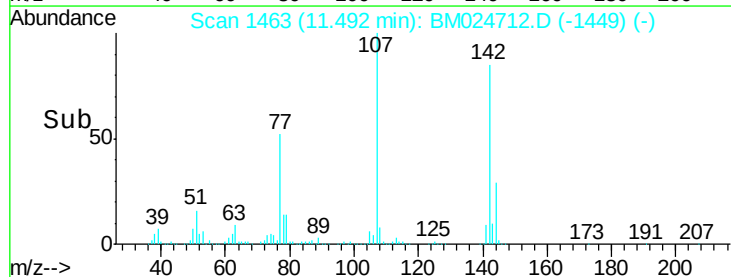
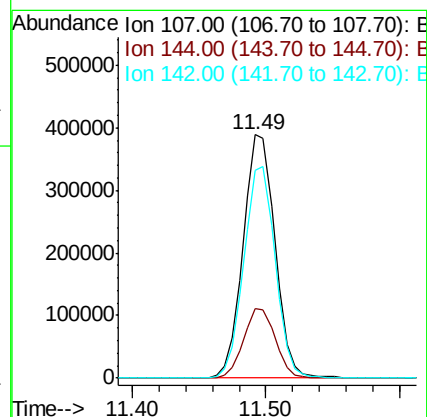
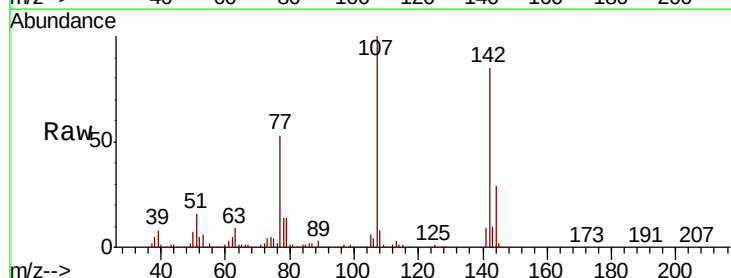
Tgt Ion:107 Resp: 641430

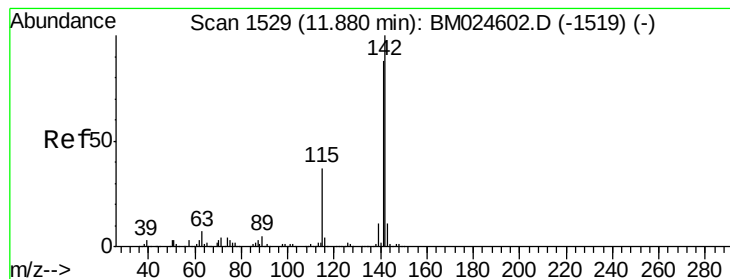
Ion Ratio Lower Upper

107 100

144 28.6 20.5 30.7

142 85.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 44.061 ng

RT: 11.85 min Scan# 1524

Delta R.T. -0.03 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

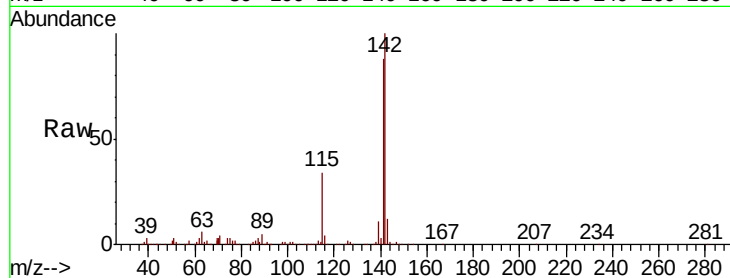
Tot Ion:142 Resp: 1430597

Ion Ratio Lower Upper

142 100

141 87.5 70.2 105.2

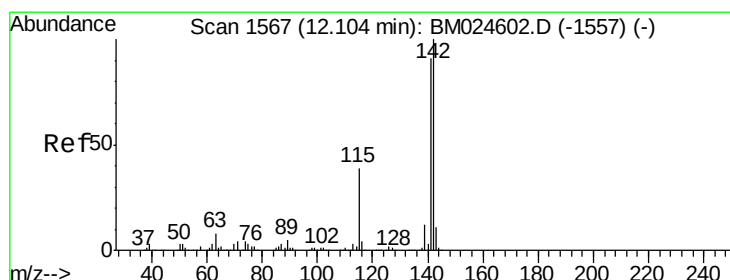
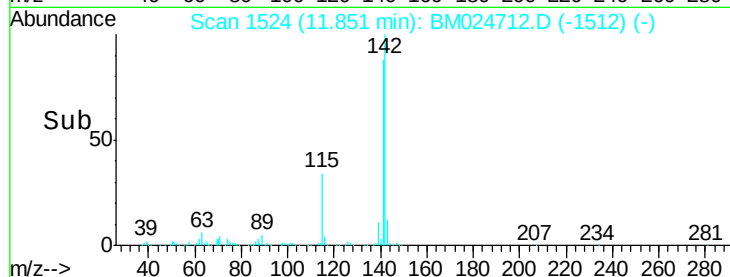
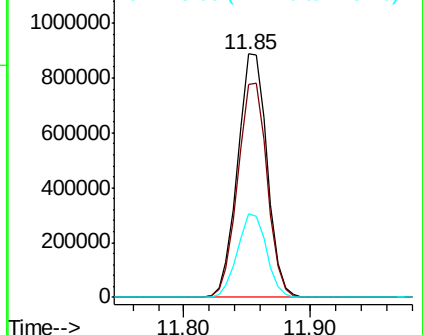
115 34.2 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.028 ng

RT: 12.08 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

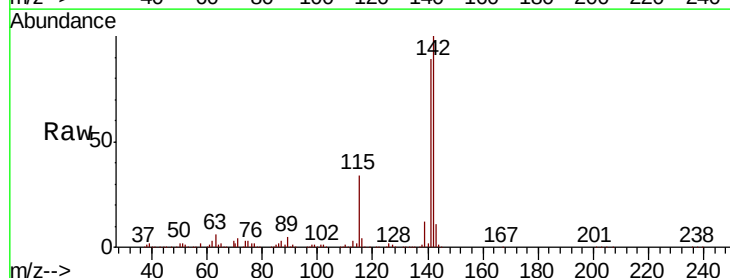
Tgt Ion:142 Resp: 1359797

Ion Ratio Lower Upper

142 100

141 89.3 72.8 109.2

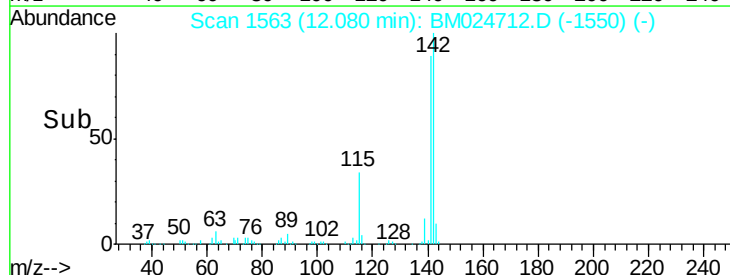
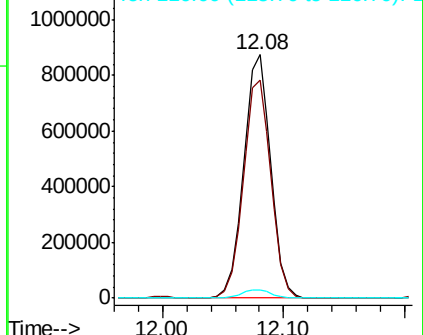
116 3.6 3.2 4.8

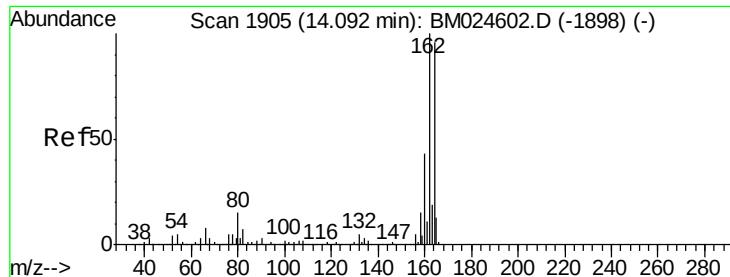


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampled :

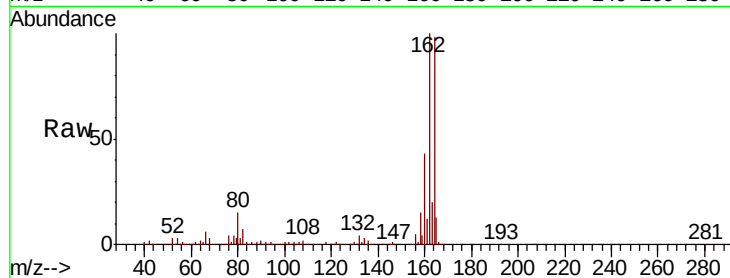
Tot Ion:164 Resp: 533938

Ion Ratio Lower Upper

164 100

162 102.4 82.9 124.3

160 43.8 35.5 53.3

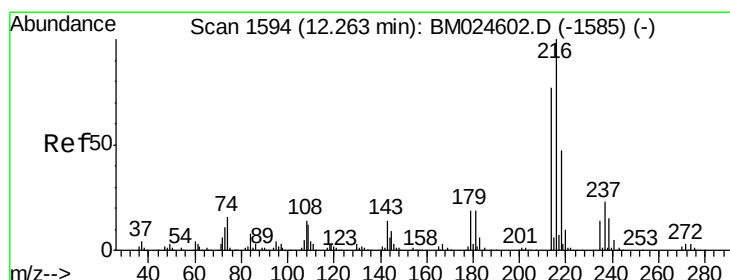
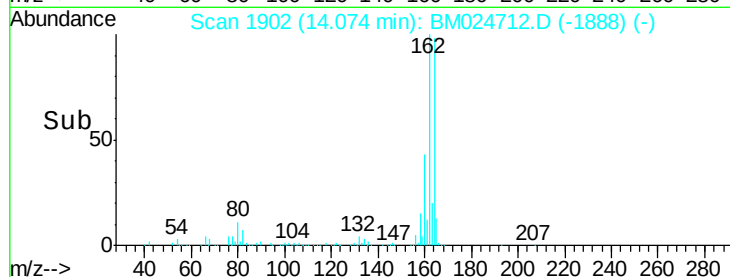
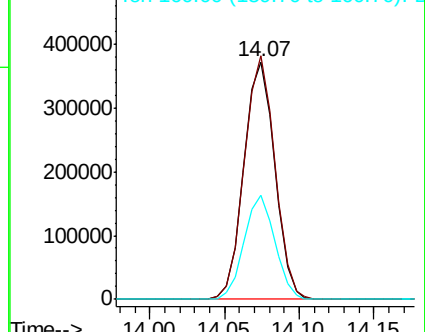


Abundance

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: 46.034 ng

RT: 12.24 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion:216 Resp: 877246

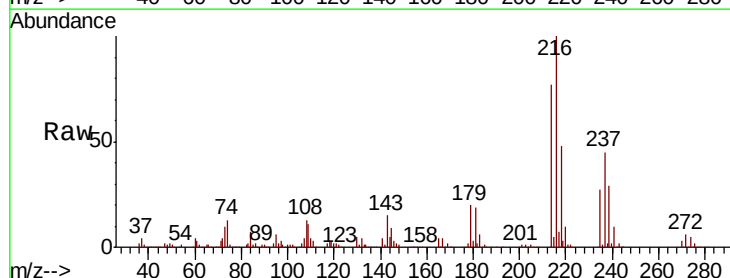
Ion Ratio Lower Upper

216 100

214 78.0 62.3 93.5

179 19.7 16.1 24.1

108 15.2 13.0 19.6



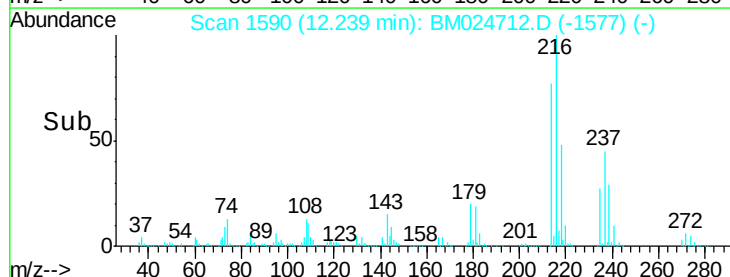
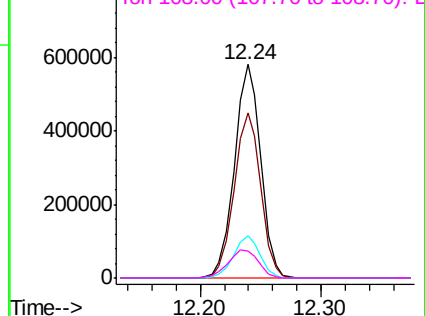
Abundance

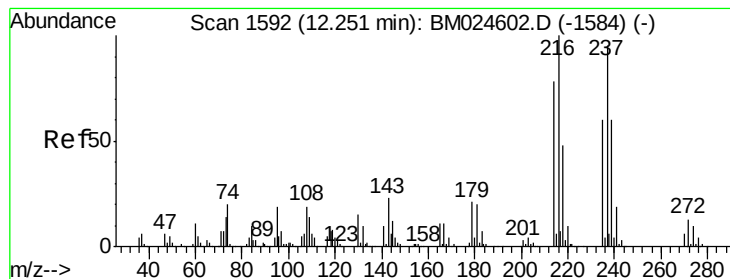
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.304 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampled :

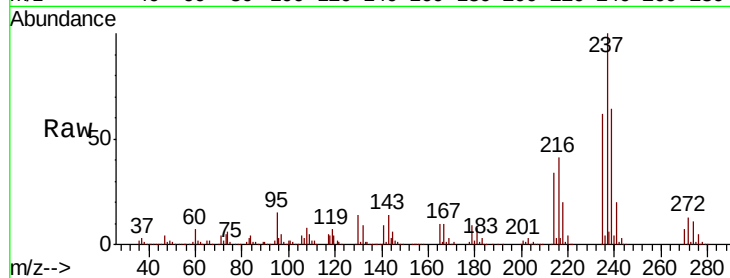
Tot Ion:237 Resp: 1007298

Ion Ratio Lower Upper

237 100

235 62.4 43.3 83.3

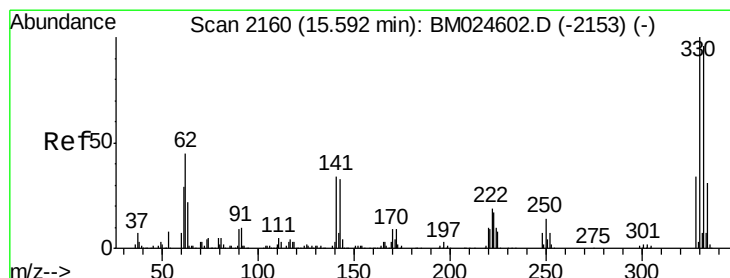
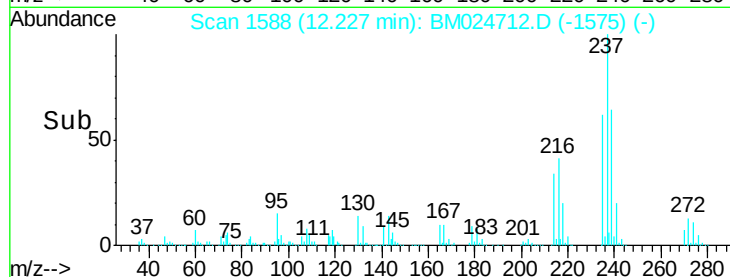
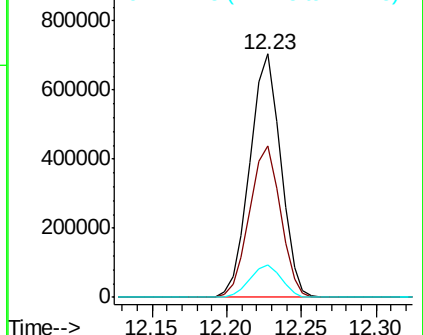
272 13.4 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.849 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

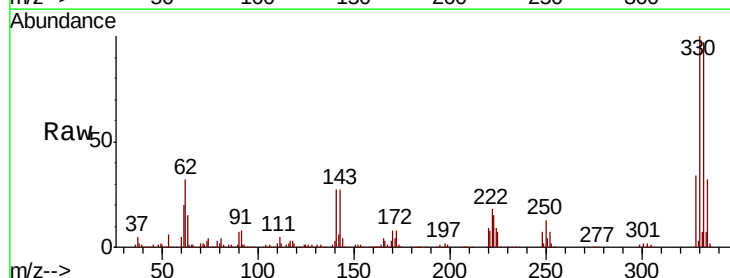
Tgt Ion:330 Resp: 1214627

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

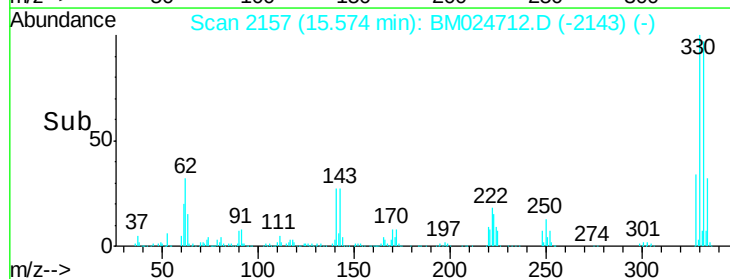
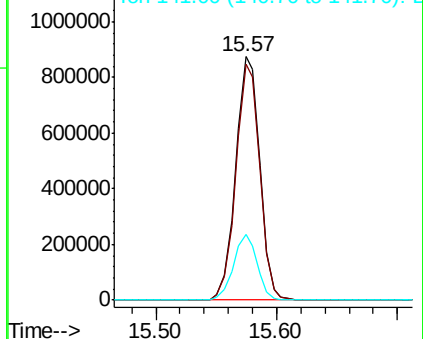
141 26.7 26.9 40.3#

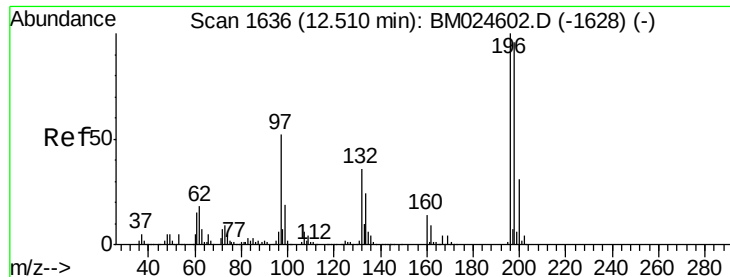


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

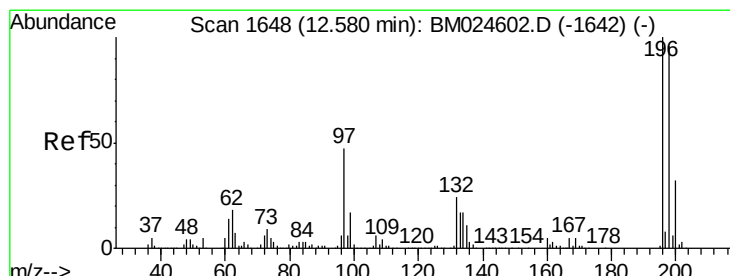
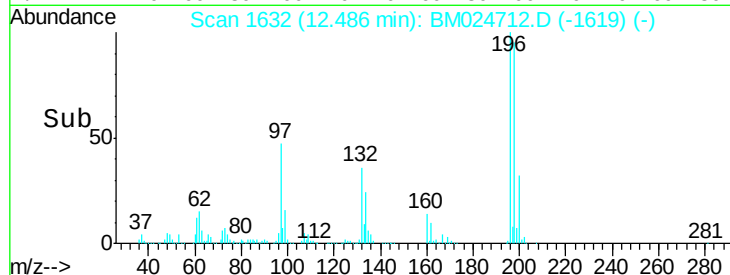
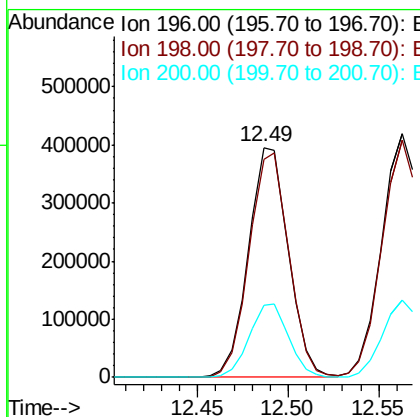
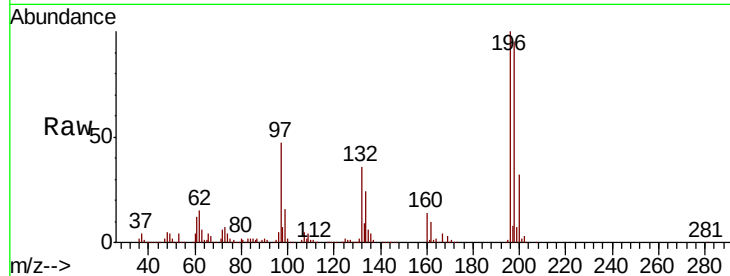




#43
 2,4,6-Trichlorophenol
 Concen: 49.988 ng
 RT: 12.49 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

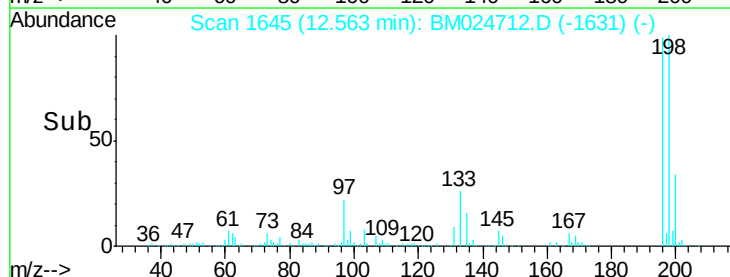
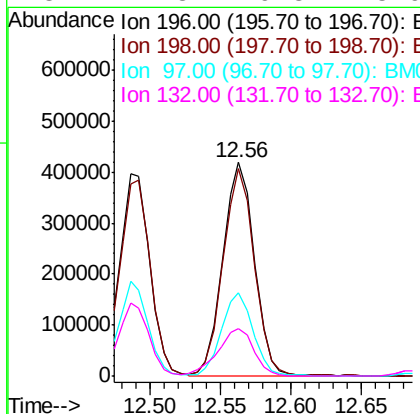
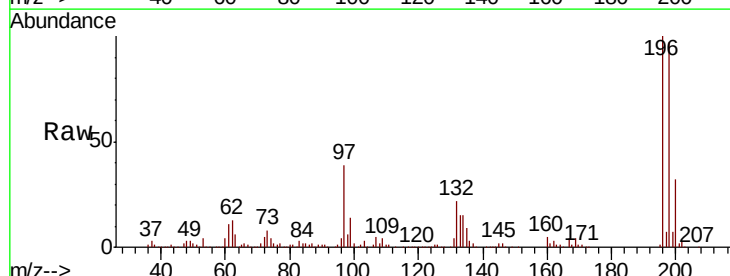
Instrument :
 BNA_M
 ClientSampled :

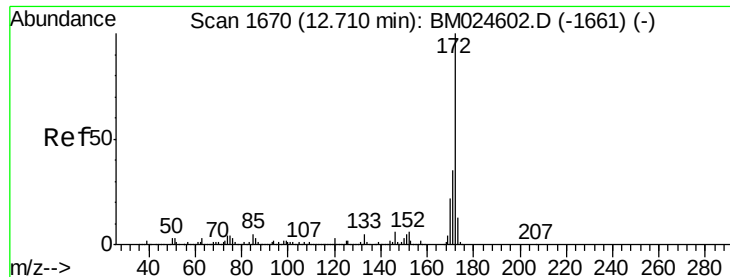
Tot Ion:196 Resp: 606188
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.5 114.7
 200 31.6 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 52.145 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion:196 Resp: 645785
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.2 115.8
 97 38.8 37.4 56.0
 132 22.3 19.3 28.9

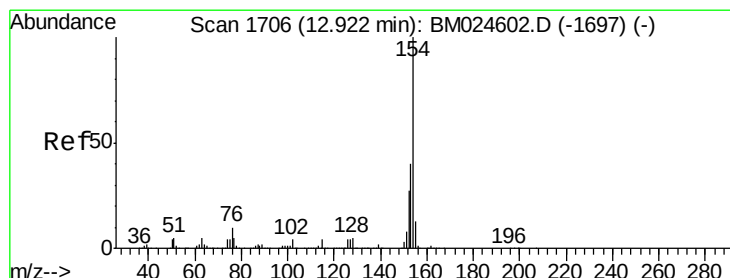
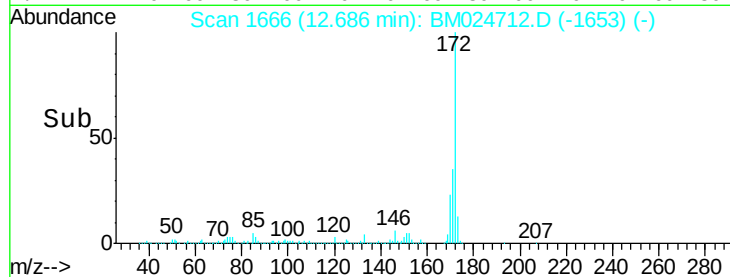
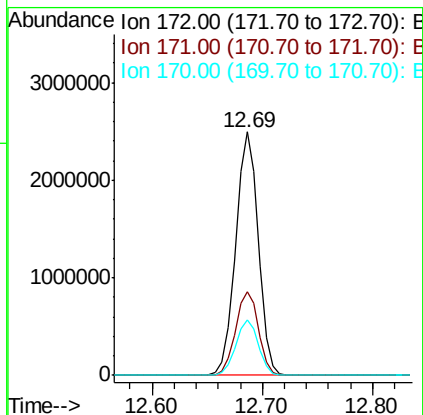
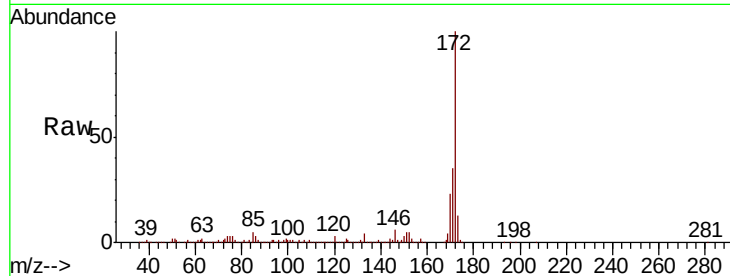




#45
2-Fluorobiphenyl
Concen: 91.108 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

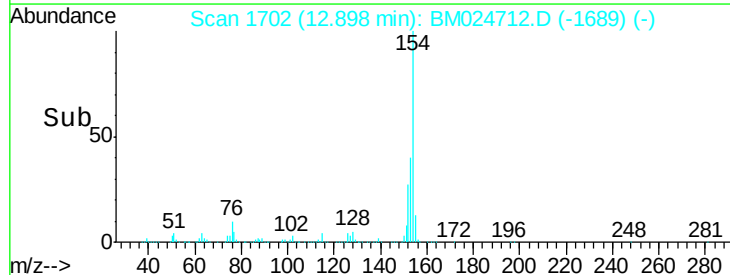
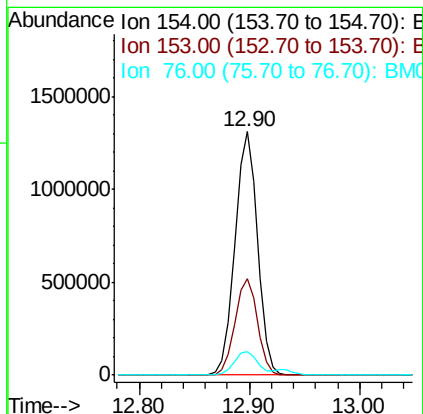
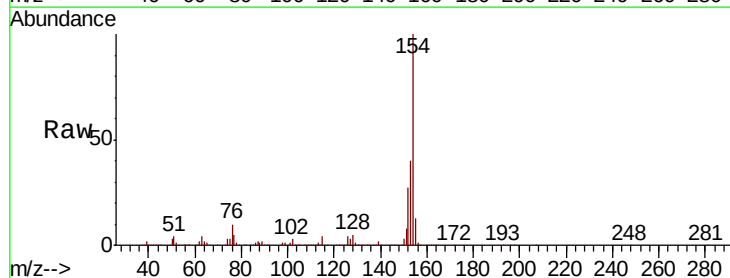
Instrument :
BNA_M
ClientSampleId :

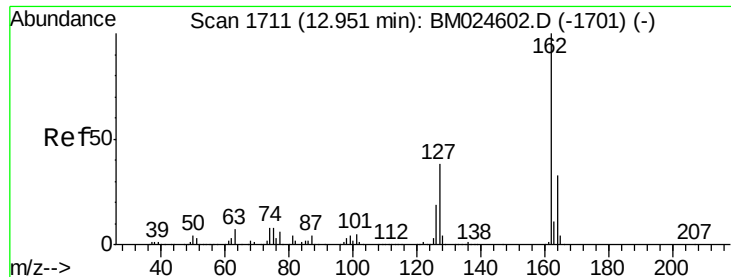
Tot Ion:172 Resp: 3578208
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.0 17.9 26.9



#46
1,1'-Biphenyl
Concen: 46.374 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:154 Resp: 1873854
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 9.7 0.0 30.5

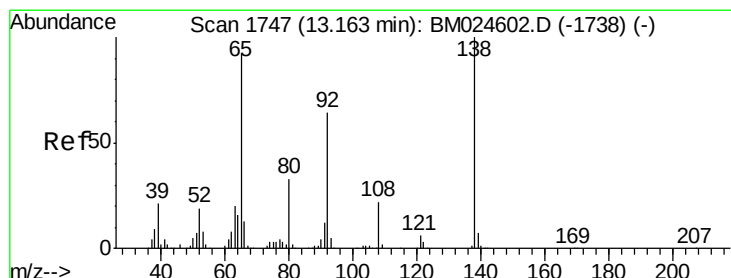
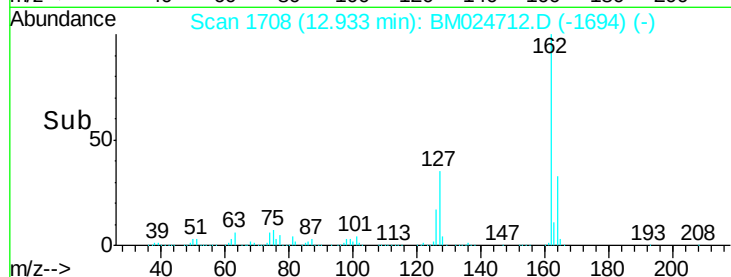
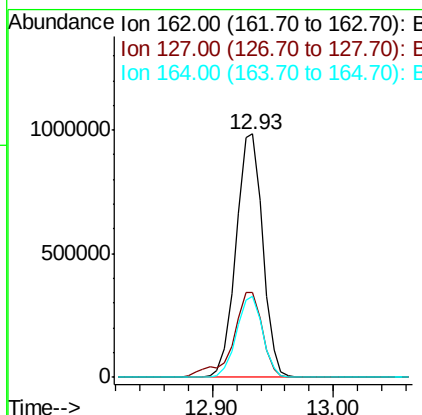
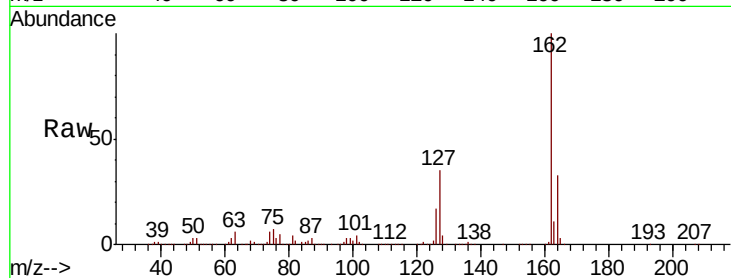




#47
 2-Chloronaphthalene
 Concen: 46.525 ng
 RT: 12.93 min Scan# 1708
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

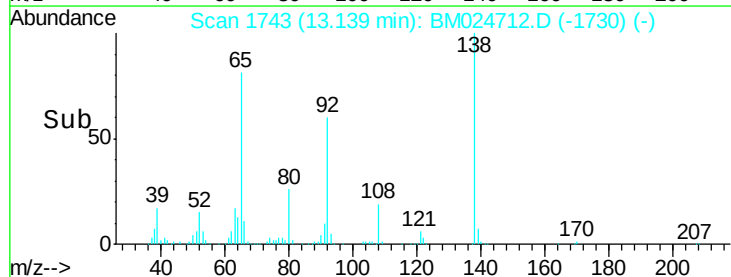
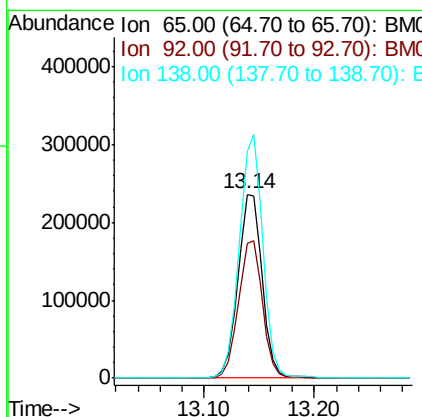
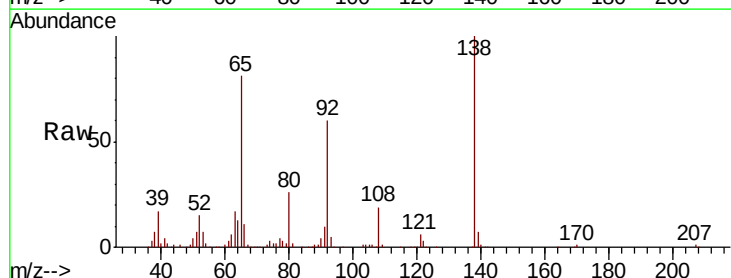
Instrument :
 BNA_M
 ClientSampled :

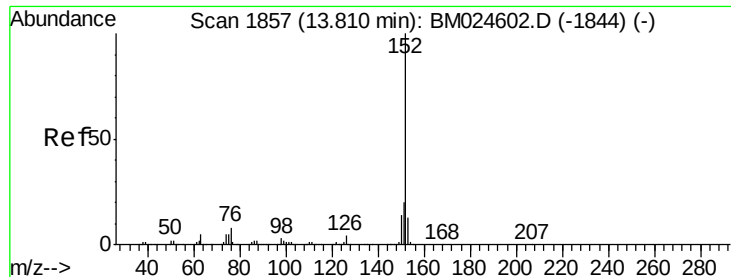
Tot Ion:162 Resp: 1517673
 Ion Ratio Lower Upper
 162 100
 127 34.8 30.4 45.6
 164 33.5 26.5 39.7



#48
 2-Nitroaniline
 Concen: 36.760 ng
 RT: 13.14 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion: 65 Resp: 365734
 Ion Ratio Lower Upper
 65 100
 92 73.8 55.4 83.2
 138 123.9 86.6 129.8





#49

Acenaphthylene

Concen: 48.204 ng

RT: 13.79 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

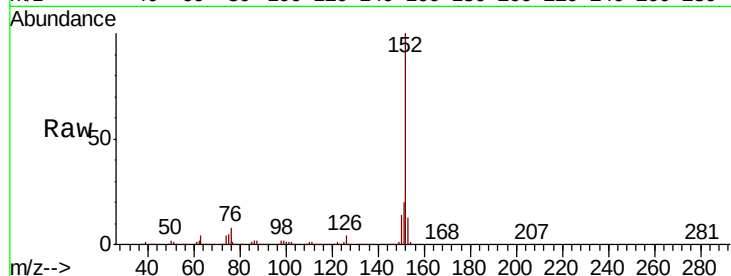
Tot Ion:152 Resp: 2353964

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

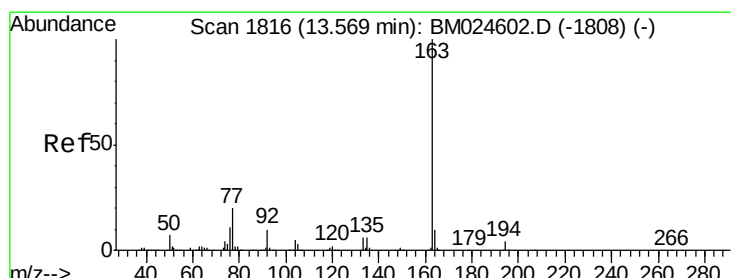
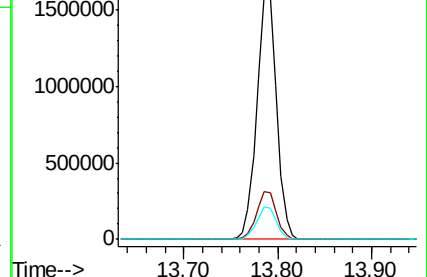
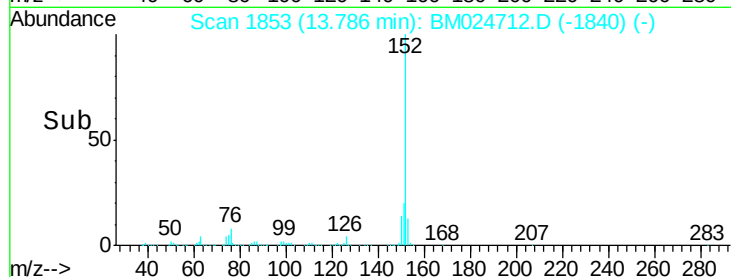
153 13.3 10.4 15.6



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: 50.485 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

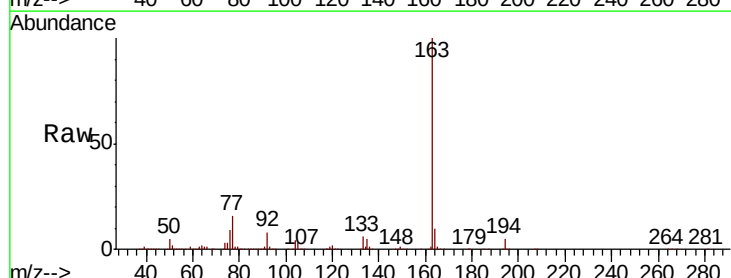
Tgt Ion:163 Resp: 2179731

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

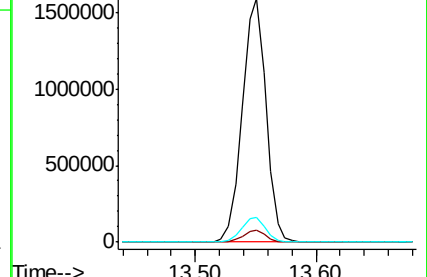
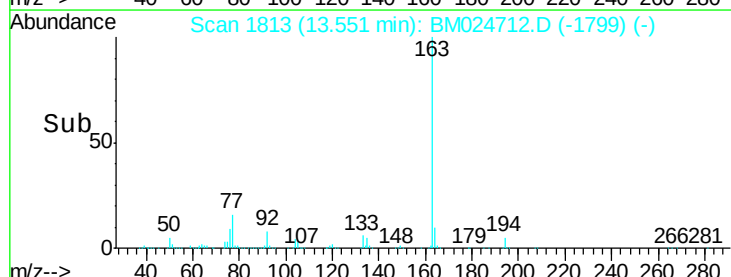
164 10.1 8.0 12.0

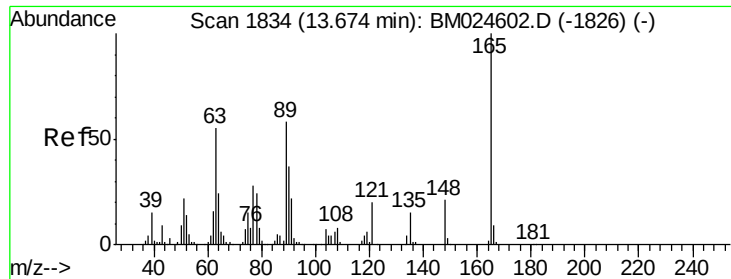


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.374 ng

RT: 13.66 min Scan# 1831

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

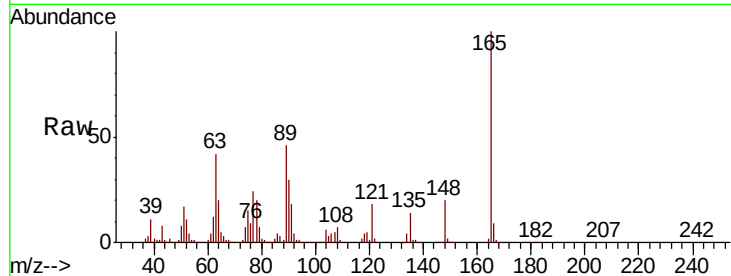
Tot Ion:165 Resp: 434869

Ion Ratio Lower Upper

165 100

63 42.3 45.4 68.0#

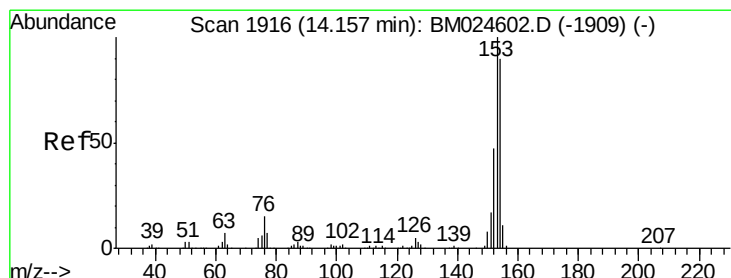
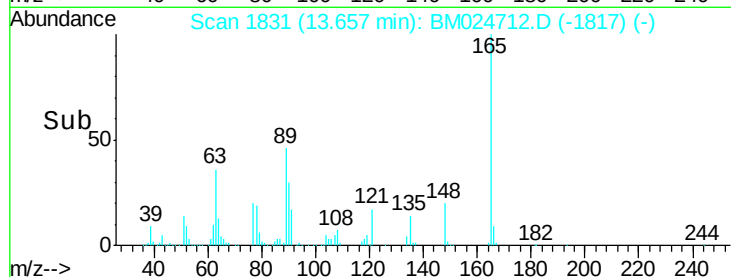
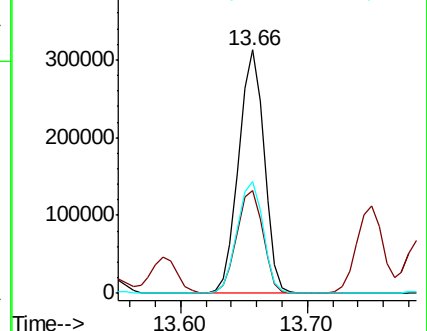
89 46.2 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 45.683 ng

RT: 14.14 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

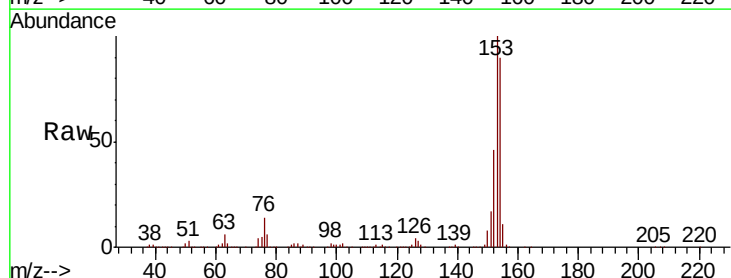
Tgt Ion:154 Resp: 1384330

Ion Ratio Lower Upper

154 100

153 111.0 89.1 133.7

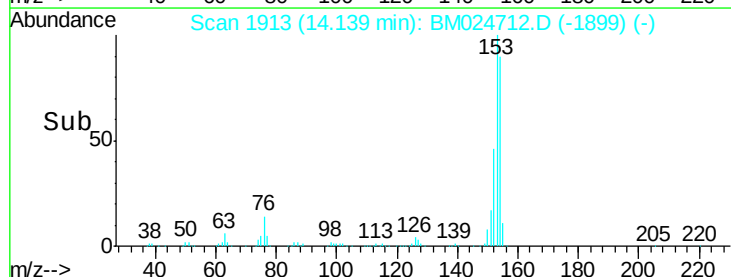
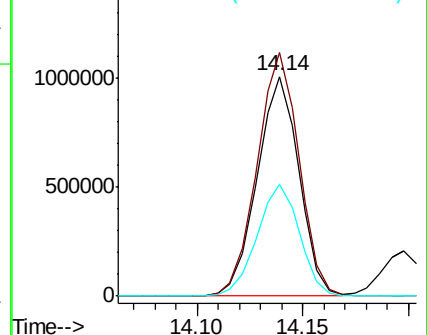
152 51.2 41.9 62.9

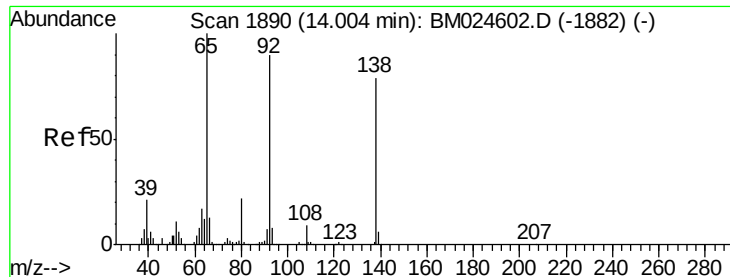


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

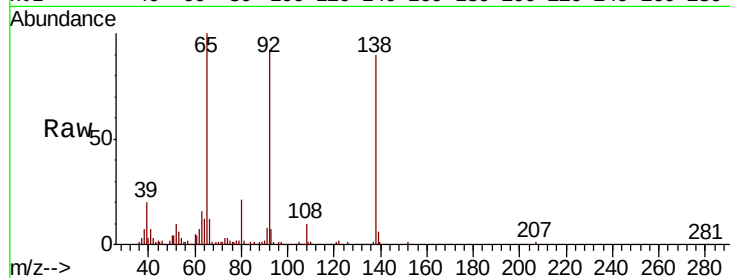




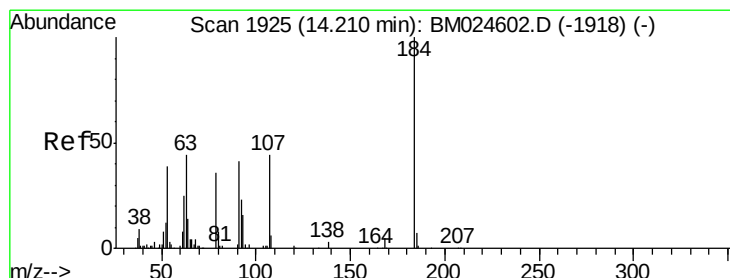
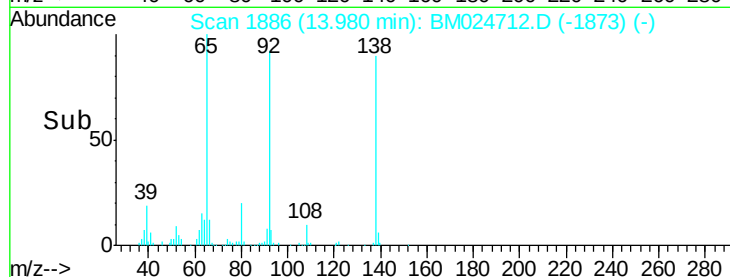
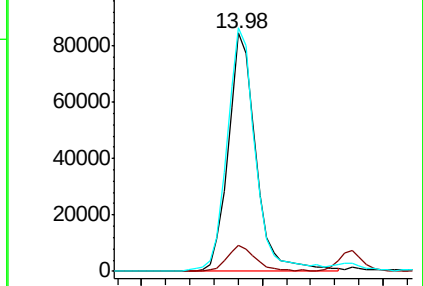
#53
 3-Nitroaniline
 Concen: 14.096 ng
 RT: 13.98 min Scan# 1886
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:138 Resp: 134203
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.7 13.1
 92 102.2 91.0 136.4

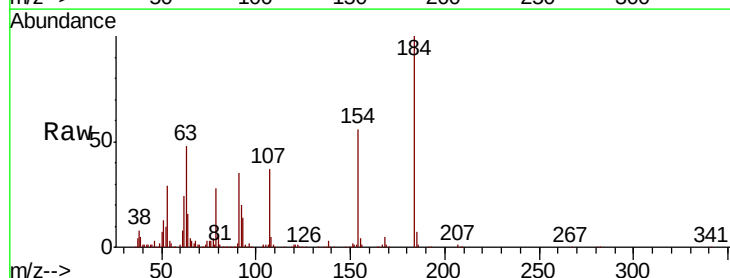


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): B

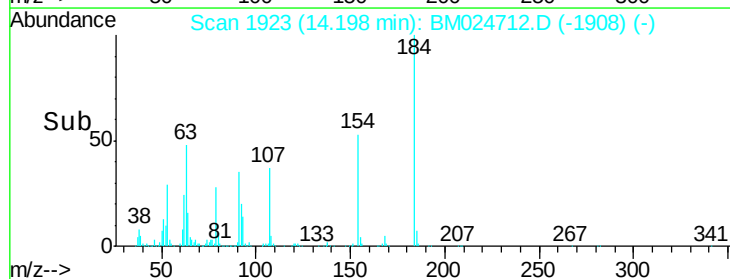
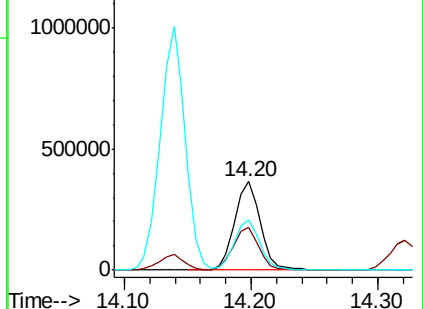


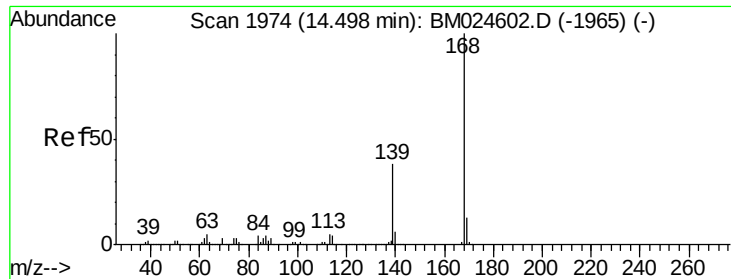
#54
 2,4-Dinitrophenol
 Concen: 92.878 ng
 RT: 14.20 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion:184 Resp: 509829
 Ion Ratio Lower Upper
 184 100
 63 48.3 51.8 77.8#
 154 56.5 50.2 75.4



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

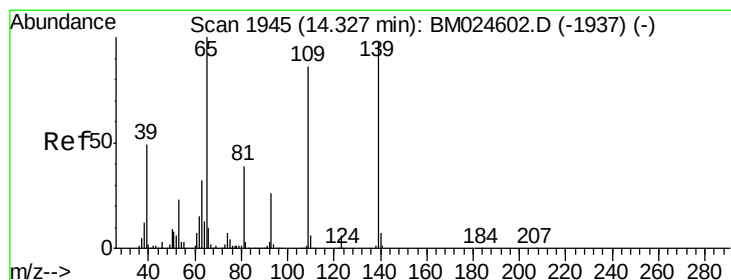
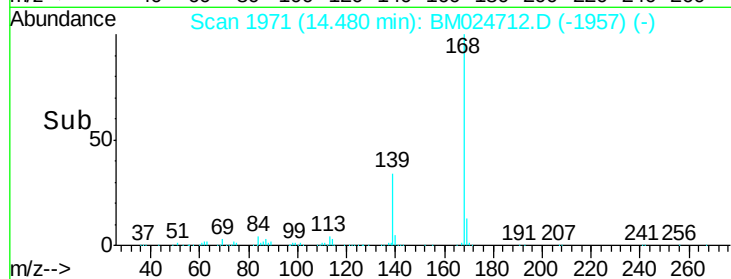
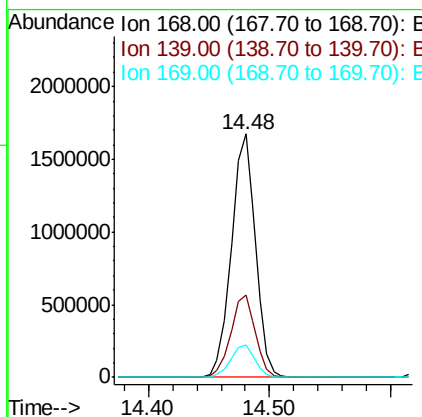
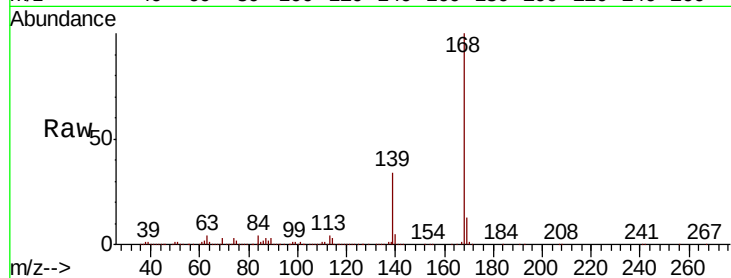




#55
 Dibenzofuran
 Concen: 46.974 ng
 RT: 14.48 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

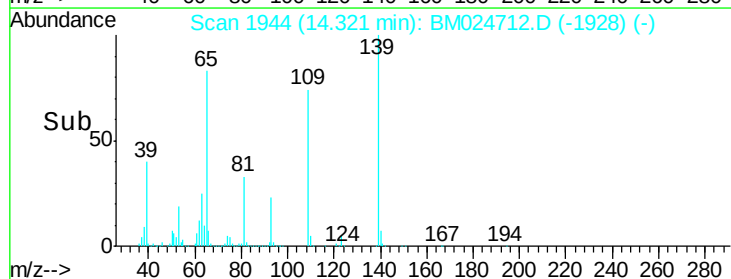
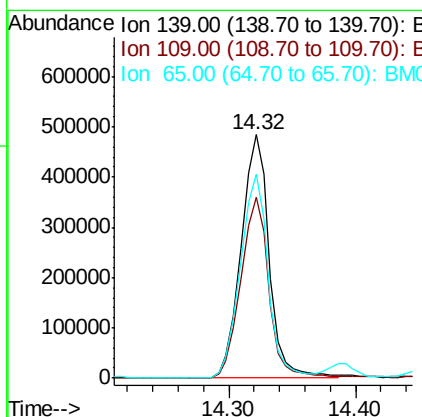
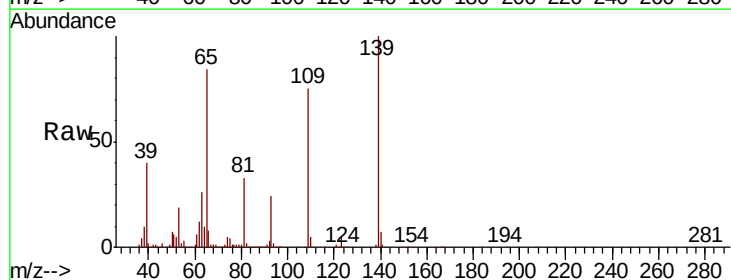
Instrument :
 BNA_M
 ClientSampleId :

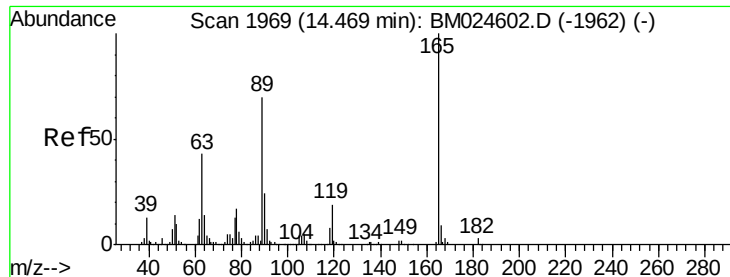
Tot Ion:168 Resp: 2321452
 Ion Ratio Lower Upper
 168 100
 139 33.9 30.2 45.4
 169 13.1 10.7 16.1



#56
 4-Nitrophenol
 Concen: 99.837 ng
 RT: 14.32 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion:139 Resp: 743007
 Ion Ratio Lower Upper
 139 100
 109 74.5 67.4 107.4
 65 83.6 82.1 122.1

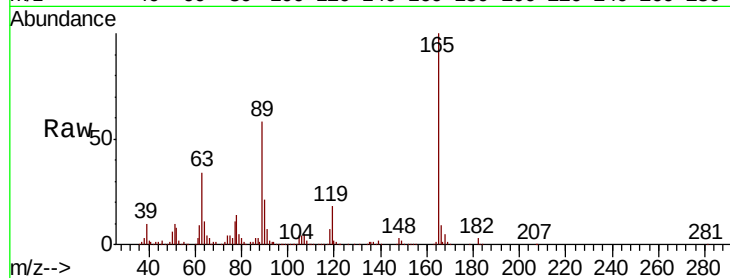




#57
2,4-Dinitrotoluene
Concen: 45.808 ng
RT: 14.45 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.9	34.5	51.7#
89	58.2	55.8	83.8
182	3.0	2.3	3.5

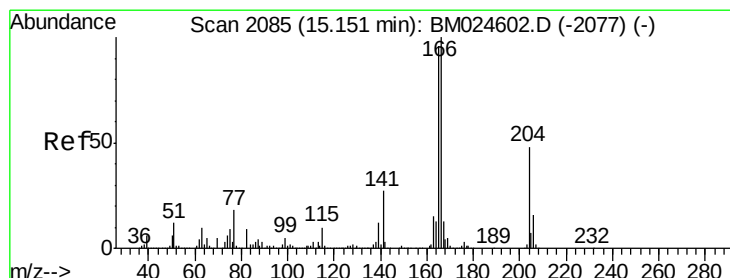
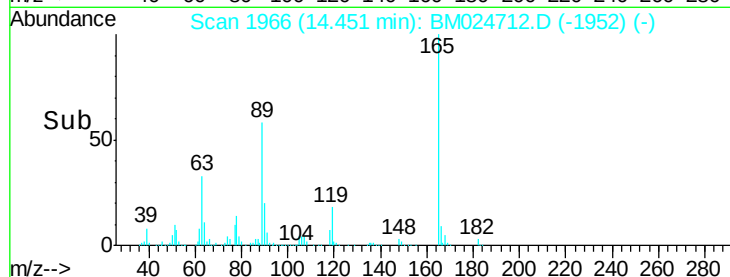
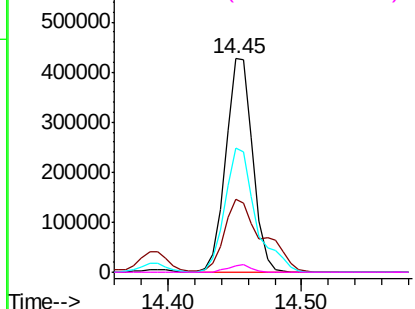


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

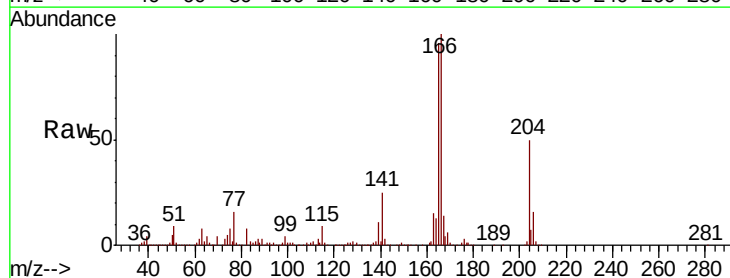
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.548 ng
RT: 15.13 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

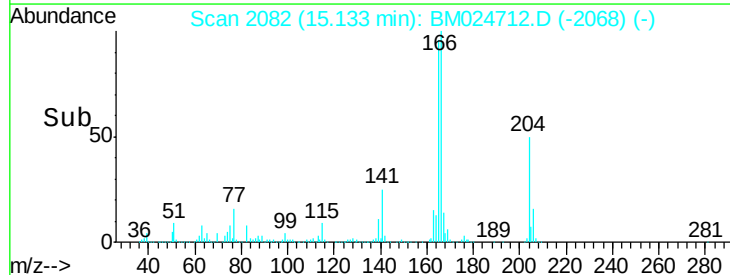
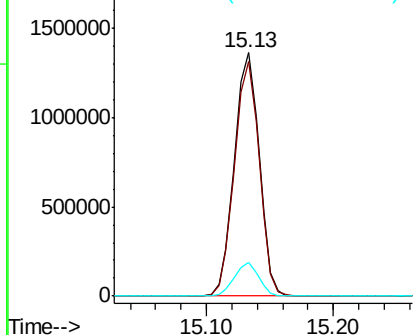
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.6	114.8
167	13.7	10.8	16.2

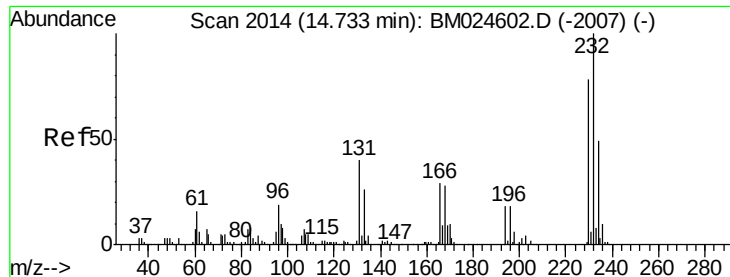


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

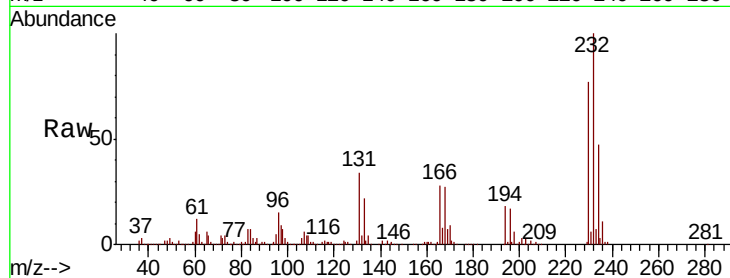




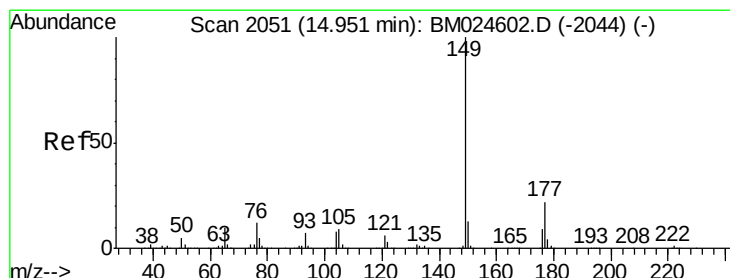
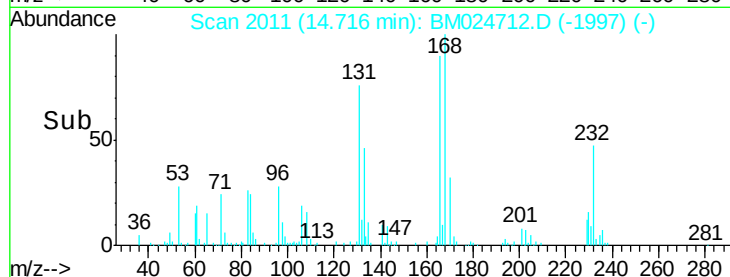
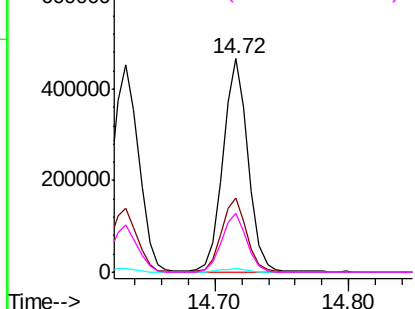
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.752 ng
RT: 14.72 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 612284
Ion Ratio Lower Upper
232 100
131 34.2 32.2 48.4
130 1.9 1.9 2.9
166 27.9 23.4 35.0

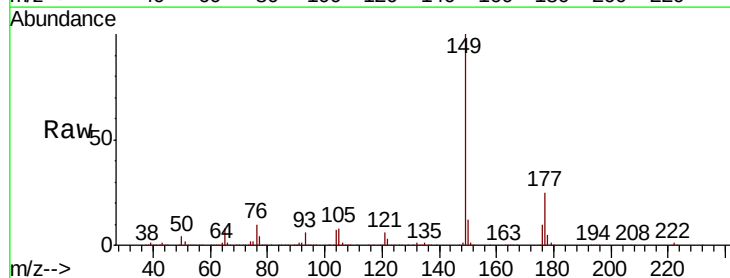


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

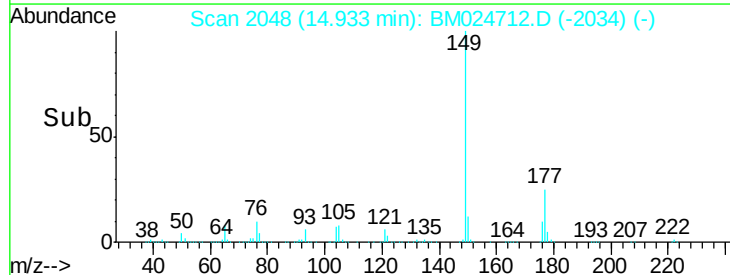
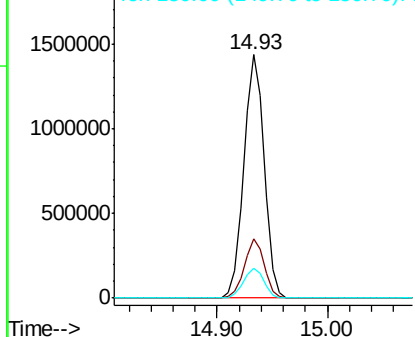


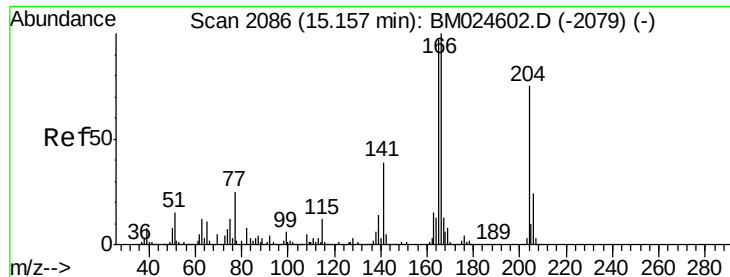
#60
Diethylphthalate
Concen: 42.501 ng
RT: 14.93 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:149 Resp: 1862957
Ion Ratio Lower Upper
149 100
177 24.5 18.0 27.0
150 12.5 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

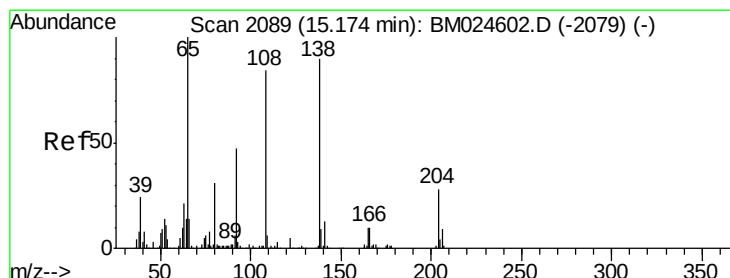
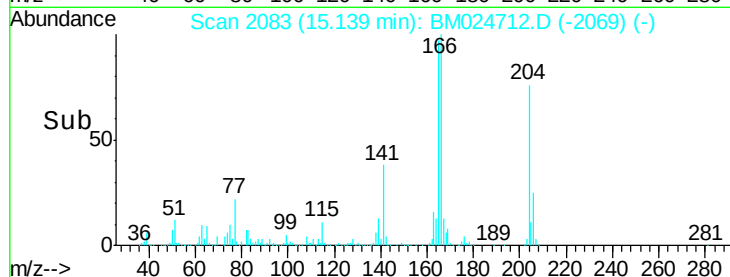
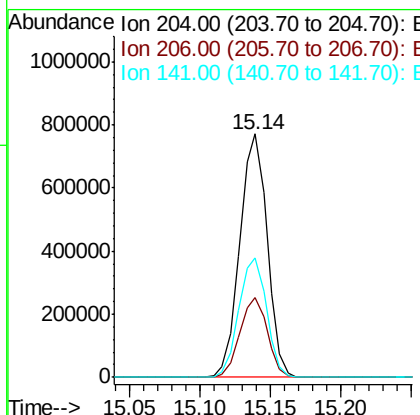
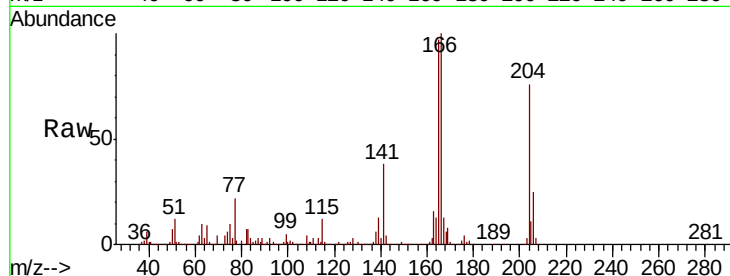




#61
 4-Chlorophenyl-phenylether
 Concen: 43.600 ng
 RT: 15.14 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

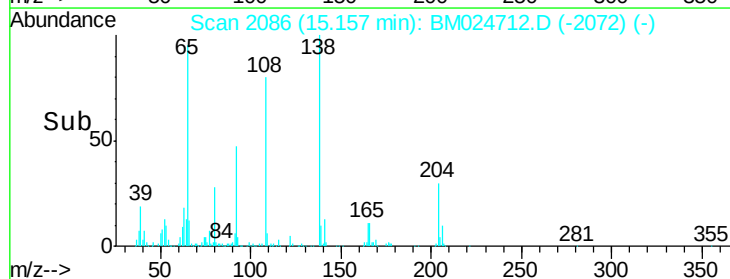
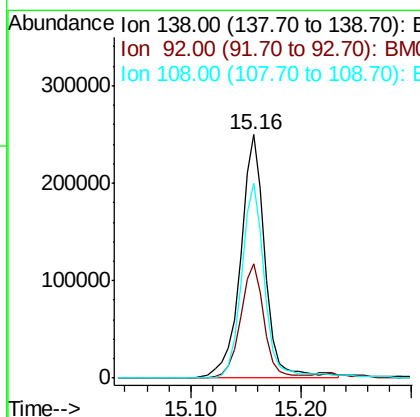
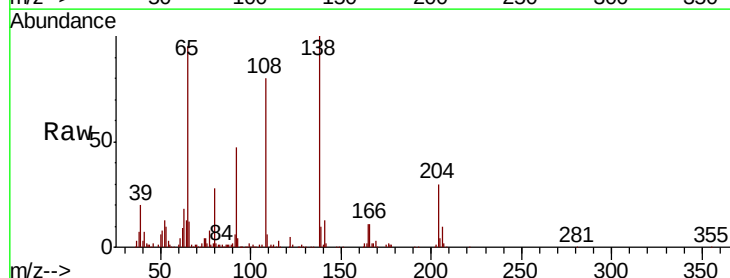
Instrument :
 BNA_M
 ClientSampleId :

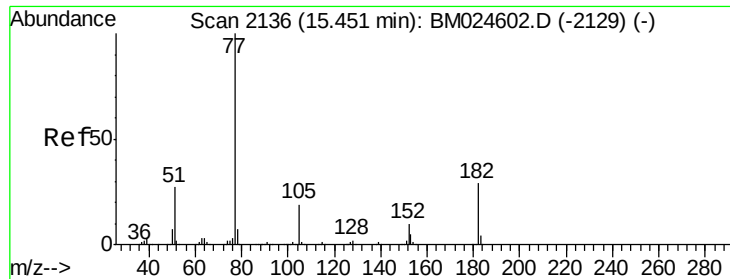
Tot Ion:204 Resp: 1043962
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.2
 141 49.3 42.2 63.2



#62
 4-Nitroaniline
 Concen: 37.056 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion:138 Resp: 389426
 Ion Ratio Lower Upper
 138 100
 92 46.7 32.4 72.4
 108 79.9 73.3 113.3





#63

Azobenzene

Concen: 38.825 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1451642

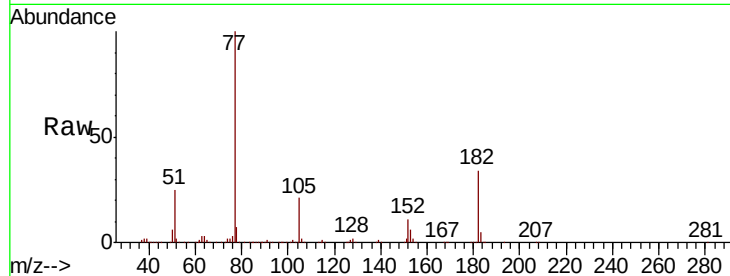
Ion	Ratio	Lower	Upper
77	100		
182	34.4	8.7	48.7
105	21.5	0.0	39.2
51	24.5	7.5	47.5

77 100

182 34.4 8.7 48.7

105 21.5 0.0 39.2

51 24.5 7.5 47.5

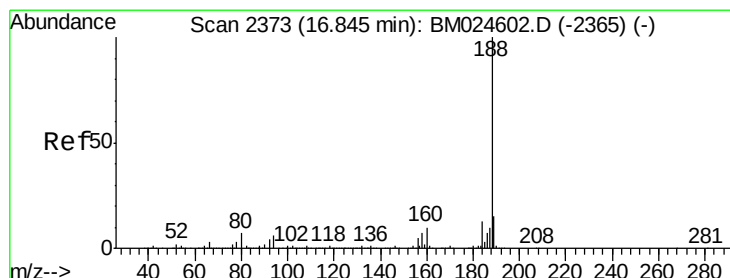
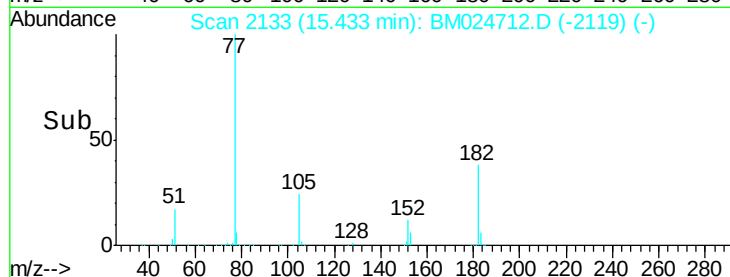
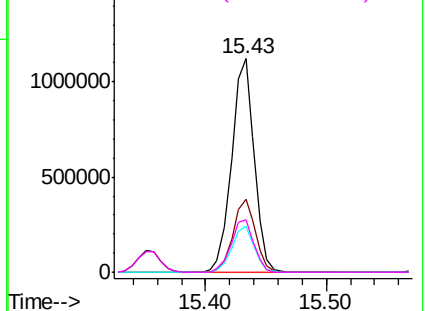


Abundance Ion 77.00 (76.70 to 77.70): BM0

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

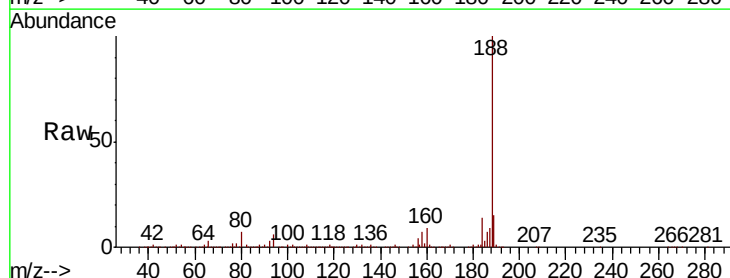
Tgt Ion: 188 Resp: 1137106

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.0	7.6
80	6.8	5.8	8.8

188 100

94 6.0 5.0 7.6

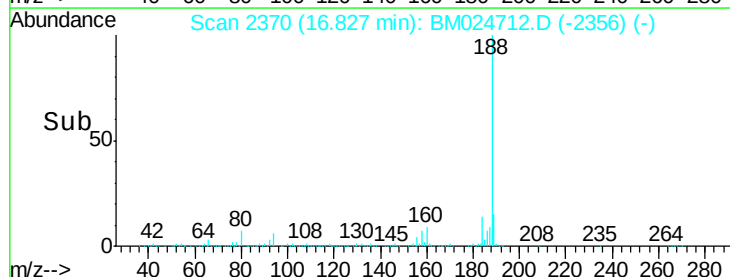
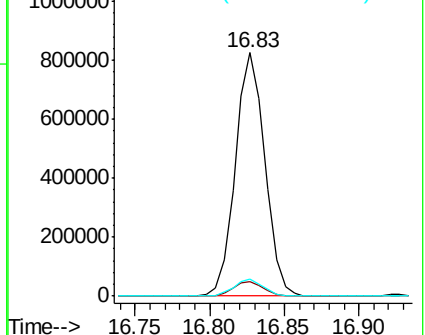
80 6.8 5.8 8.8

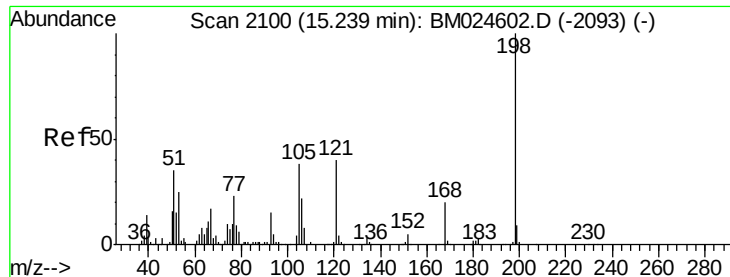


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 53.461 ng

RT: 15.22 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

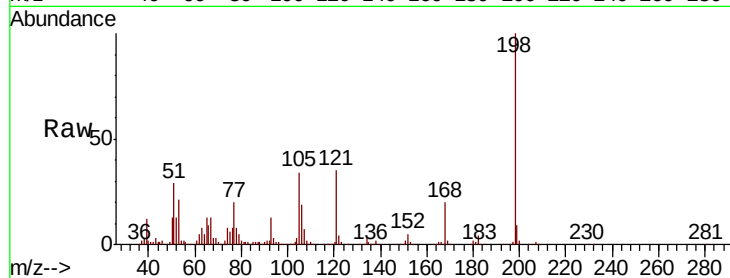
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 357435

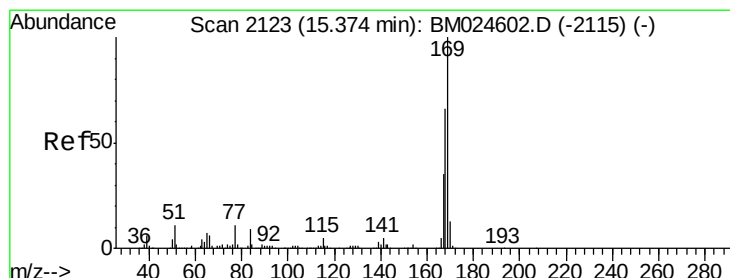
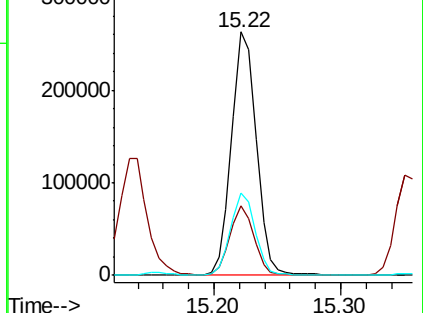
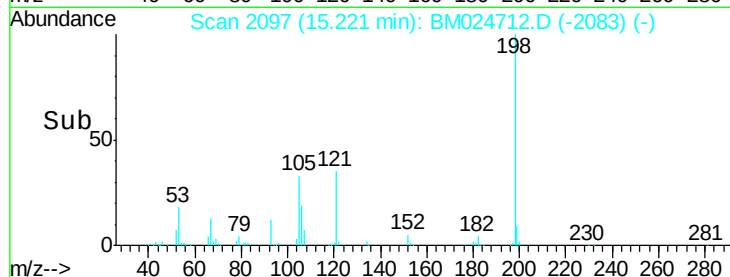
Ion	Ratio	Lower	Upper
198	100		
51	28.6	15.8	55.8
105	33.7	18.5	58.5



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: 50.354 ng

RT: 15.36 min Scan# 2120

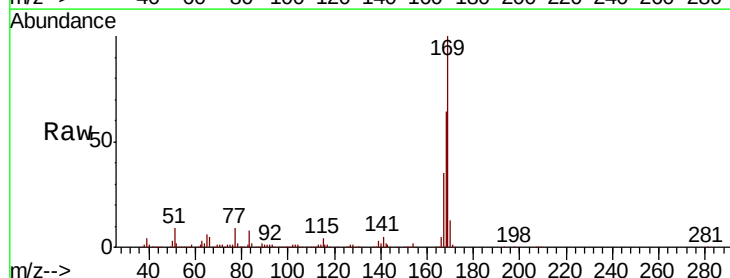
Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion:169 Resp: 1644733

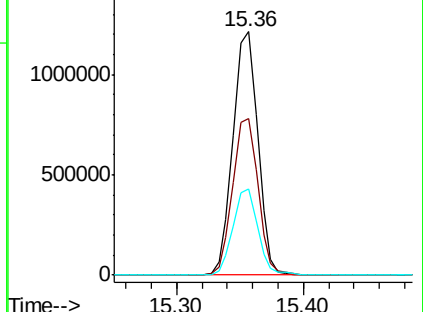
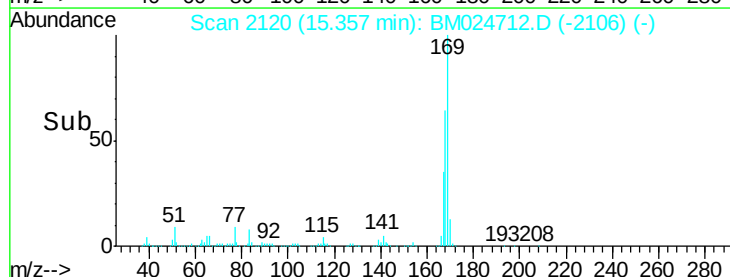
Ion	Ratio	Lower	Upper
169	100		
168	64.2	52.8	79.2
167	35.3	28.2	42.2

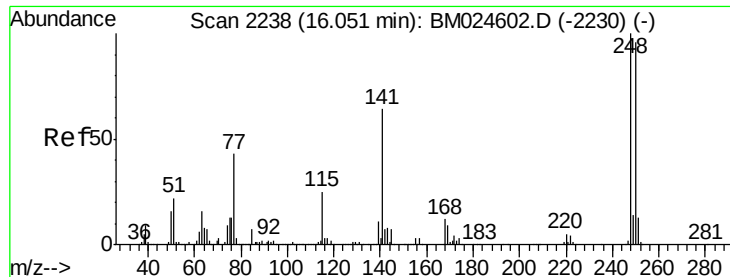


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

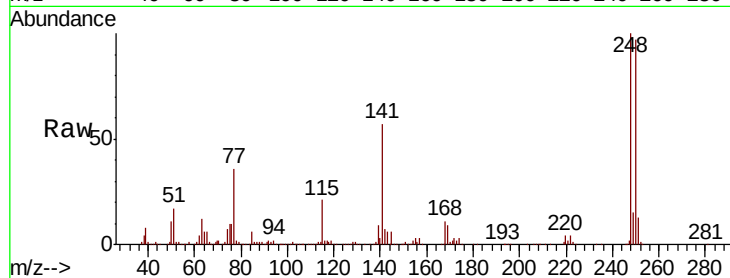




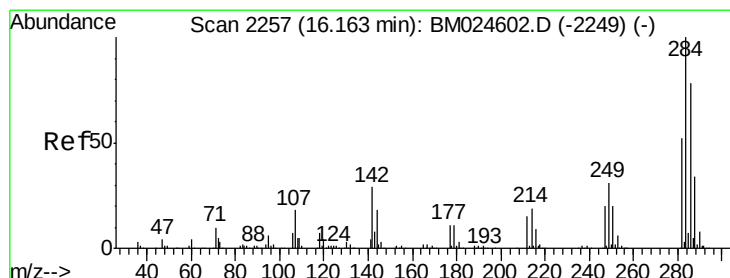
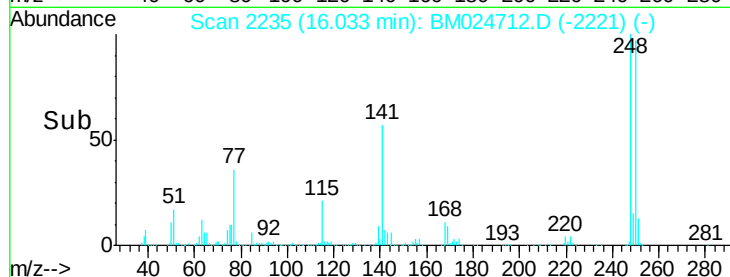
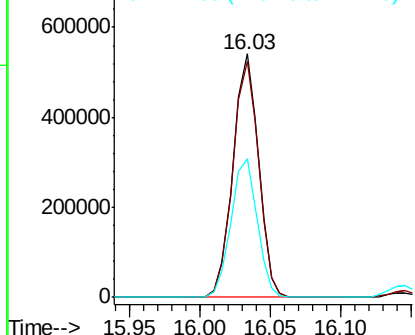
#67
4-Bromophenyl-phenylether
Concen: 48.521 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 686133
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.6
141 56.8 50.9 76.3

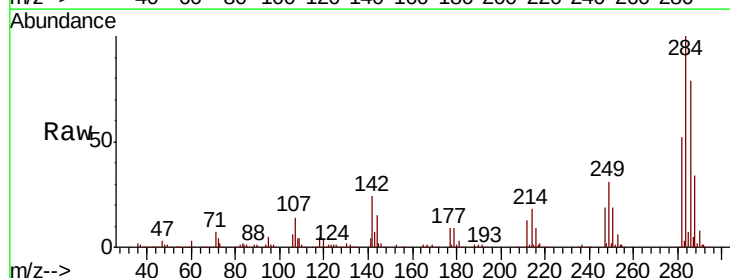


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

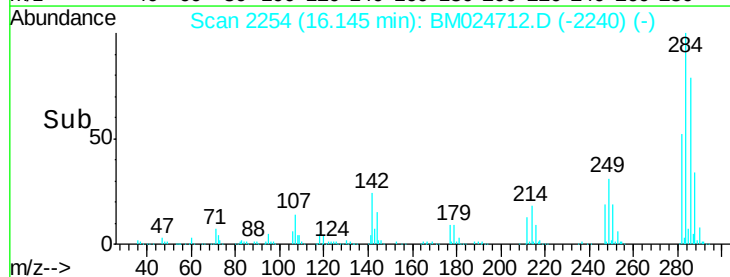
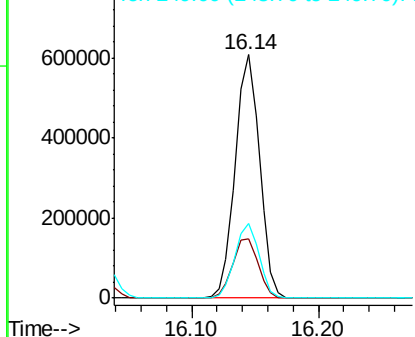


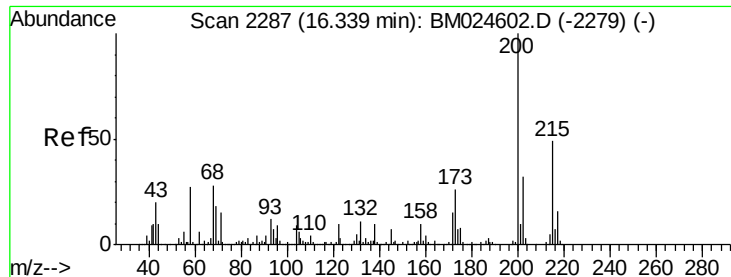
#68
Hexachlorobenzene
Concen: 49.621 ng
RT: 16.14 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:284 Resp: 805211
Ion Ratio Lower Upper
284 100
142 24.5 23.5 35.3
249 30.6 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: 50.196 ng

RT: 16.32 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

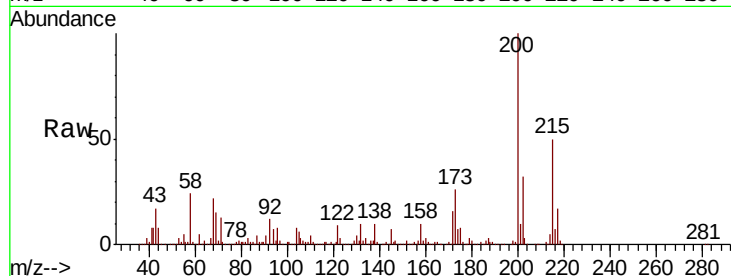
Tot Ion:200 Resp: 629351

Ion Ratio Lower Upper

200 100

173 25.9 5.5 45.5

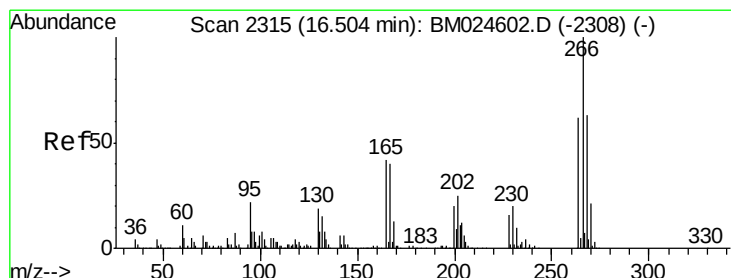
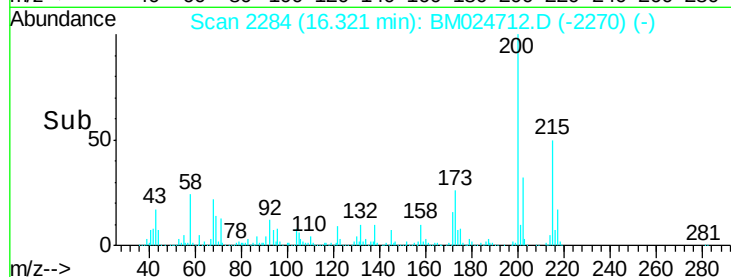
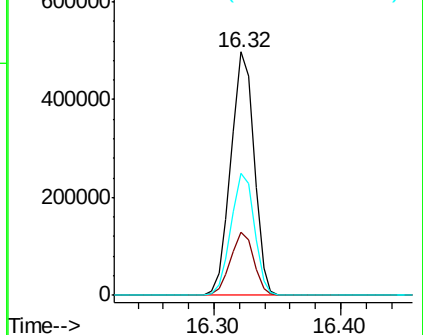
215 50.1 29.4 69.4



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: 106.805 ng

RT: 16.49 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

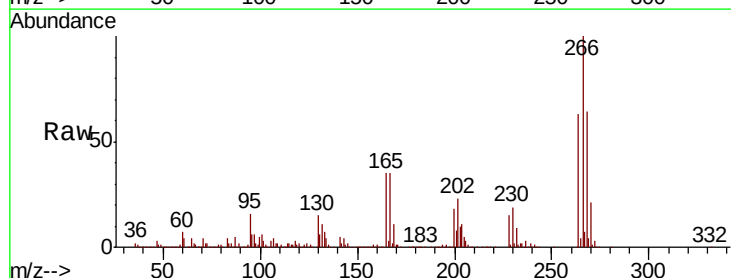
Tgt Ion:266 Resp: 1055695

Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

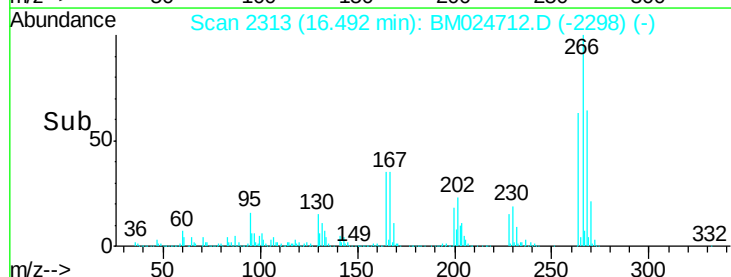
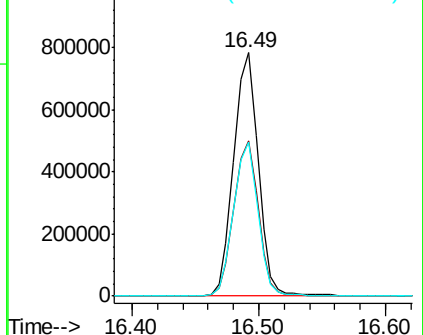
264 63.3 49.9 74.9

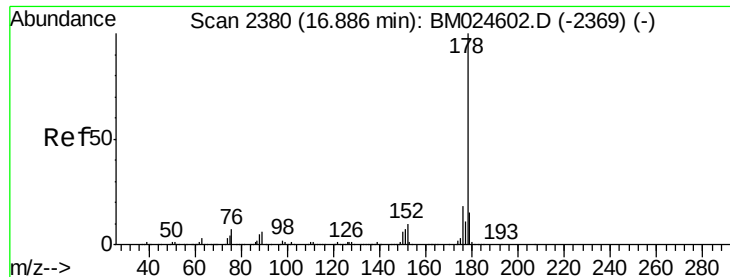


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

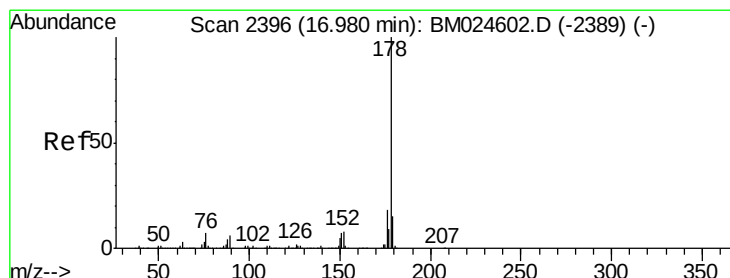
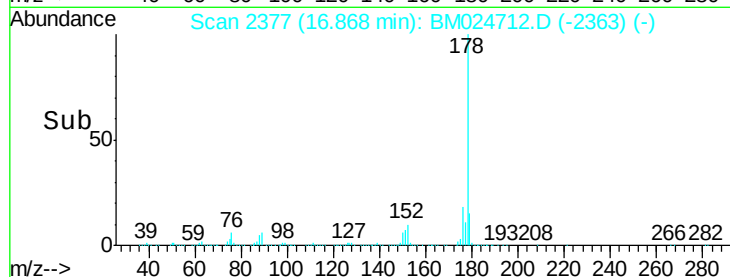
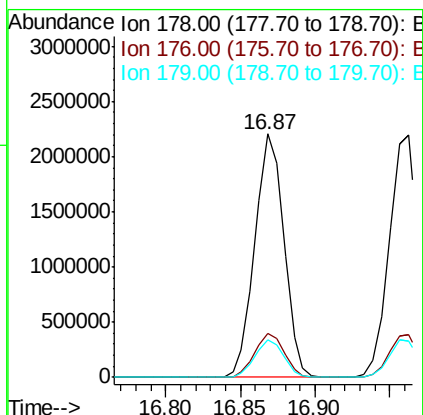
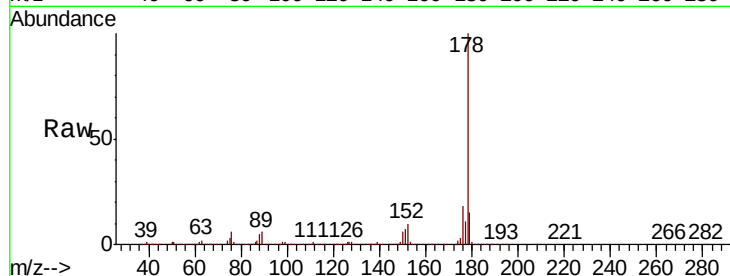




#71
Phenanthrene
Concen: 48.211 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

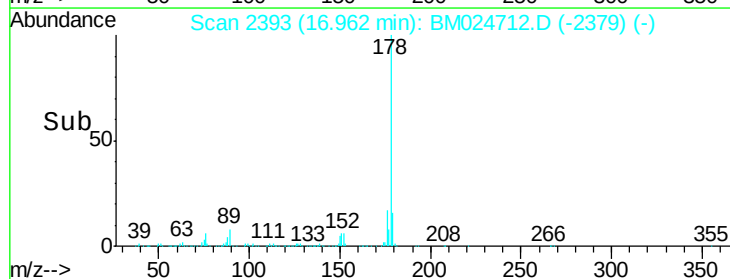
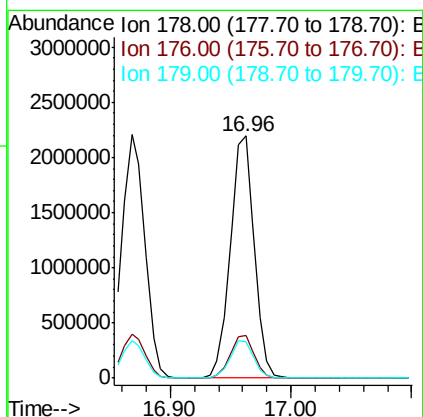
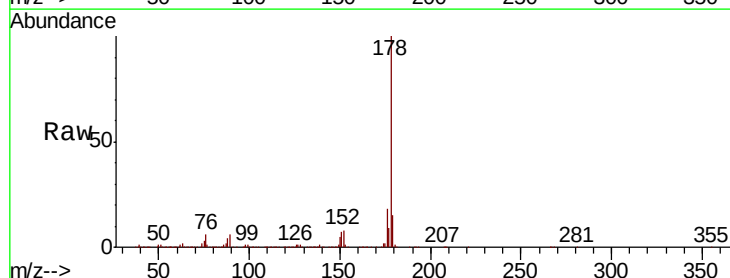
Instrument :
BNA_M
ClientSampled :

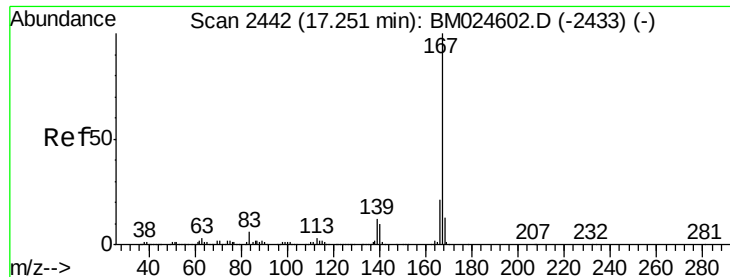
Tot Ion:178 Resp: 2968663
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.3 11.9 17.9



#72
Anthracene
Concen: 50.104 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:178 Resp: 3018794
Ion Ratio Lower Upper
178 100
176 17.7 14.3 21.5
179 15.2 12.1 18.1





#73

Carbazole

Concen: 48.913 ng

RT: 17.23 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

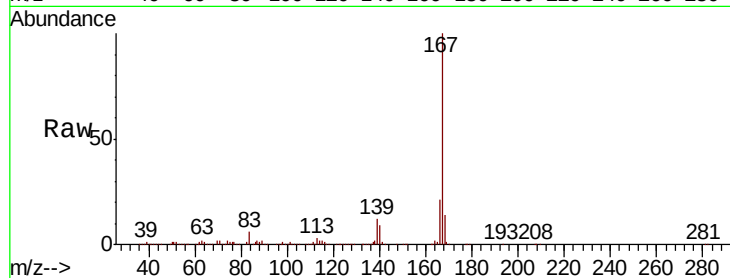
Tot Ion:167 Resp: 2682801

Ion Ratio Lower Upper

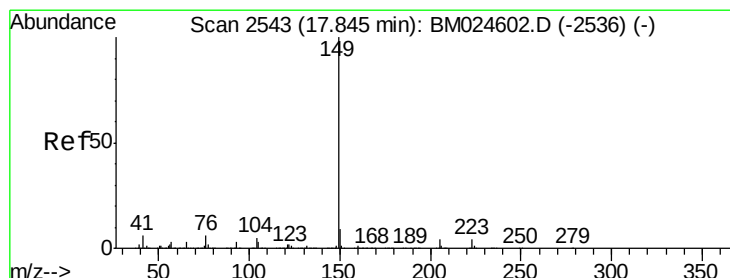
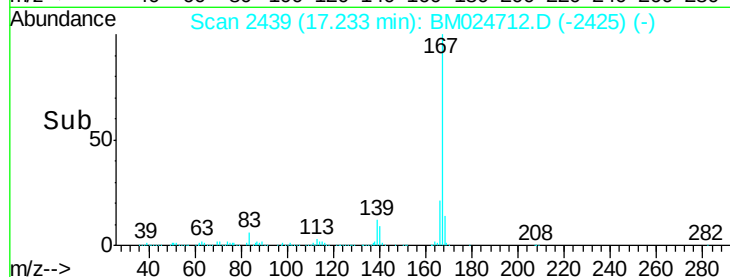
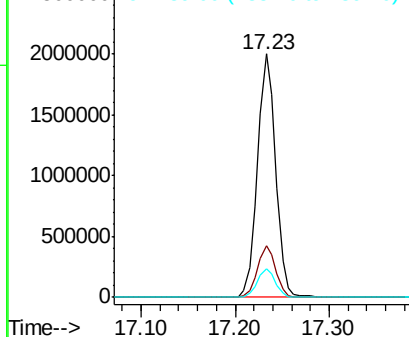
167 100

166 21.2 17.1 25.7

139 11.6 9.8 14.8



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



#74

Di-n-butylphthalate

Concen: 43.849 ng

RT: 17.83 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

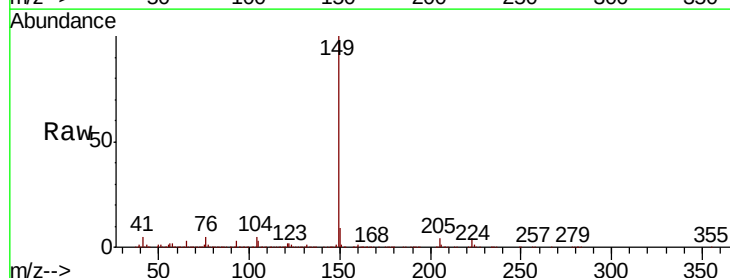
Tgt Ion:149 Resp: 3074631

Ion Ratio Lower Upper

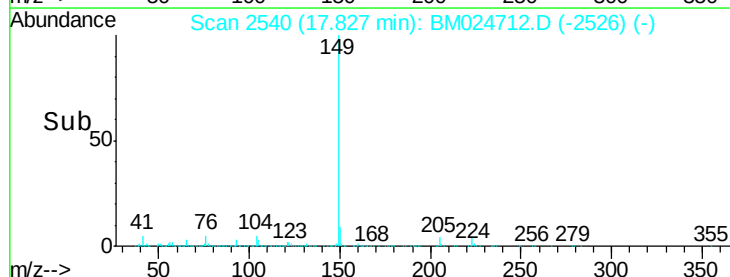
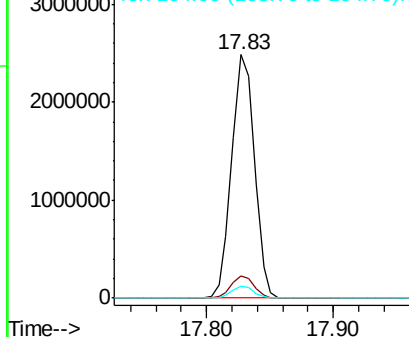
149 100

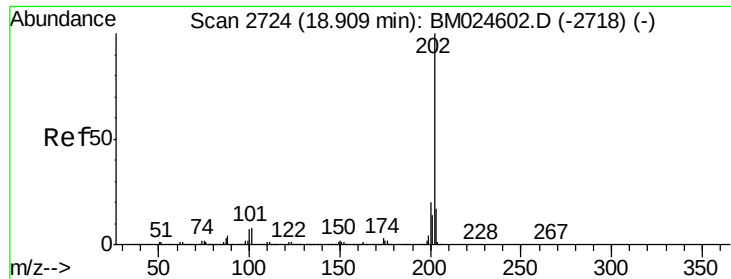
150 9.2 7.4 11.0

104 4.7 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.926 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

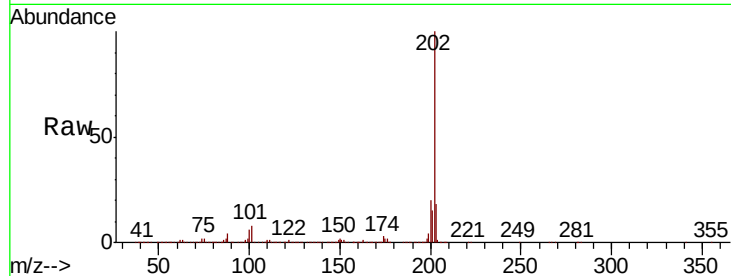
Tot Ion:202 Resp: 3683239

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.4

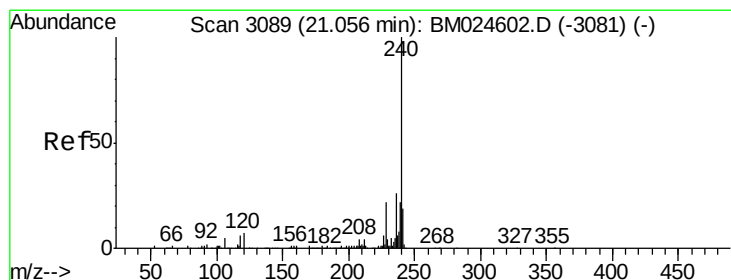
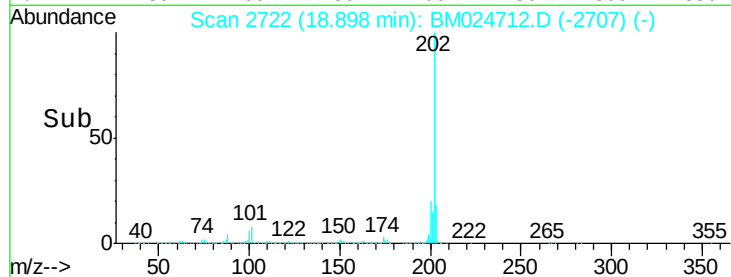
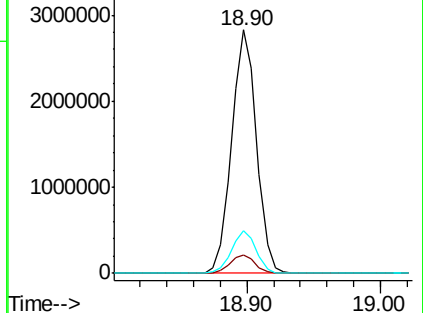
203 17.7 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

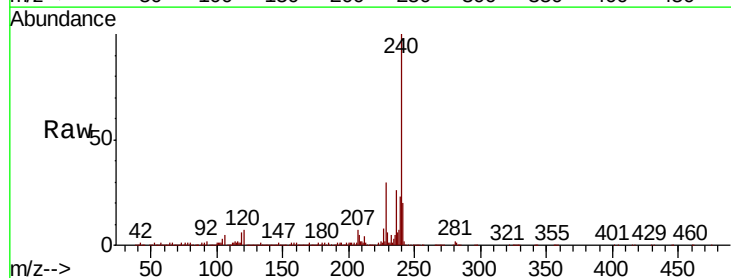
Tgt Ion:240 Resp: 1211495

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

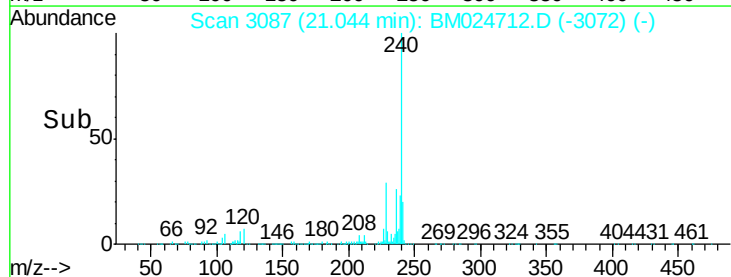
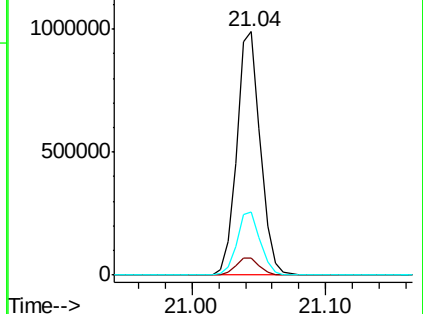
236 25.9 20.6 31.0

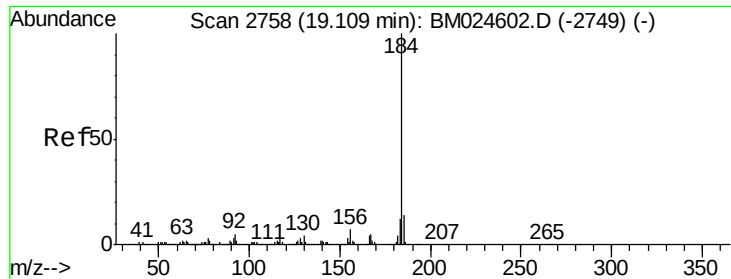


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.991 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

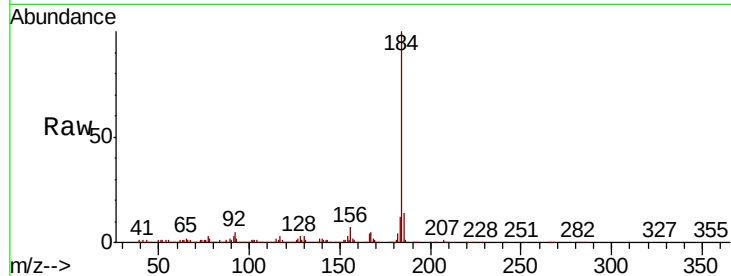
Tot Ion:184 Resp: 1495081

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

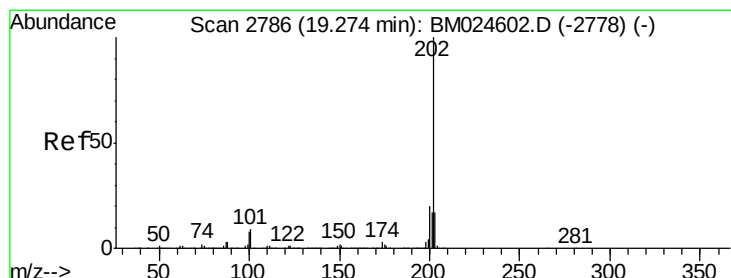
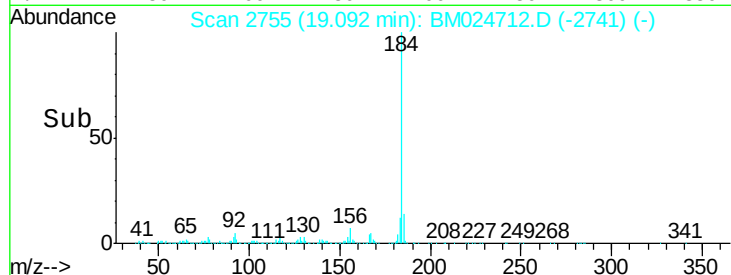
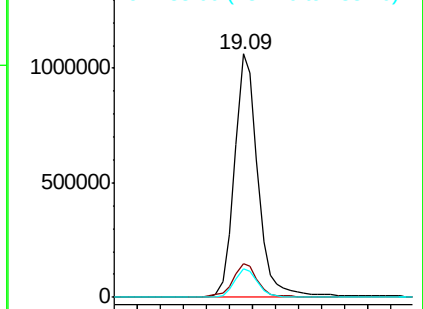
183 11.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.978 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

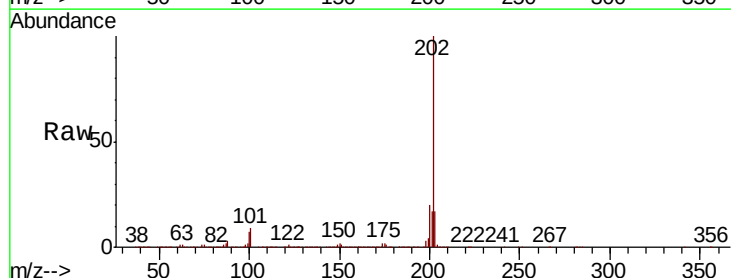
Tgt Ion:202 Resp: 3751929

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

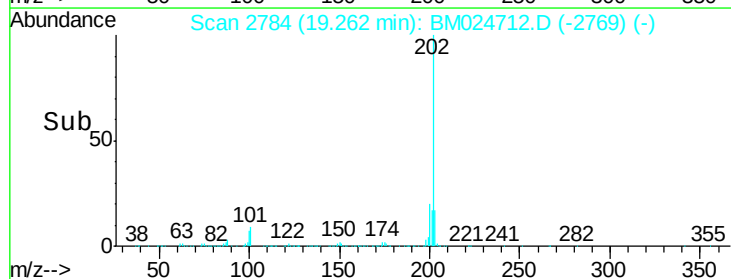
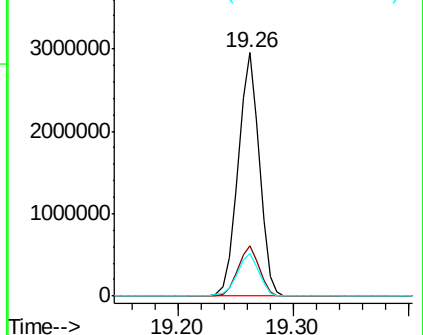
203 17.4 14.0 21.0

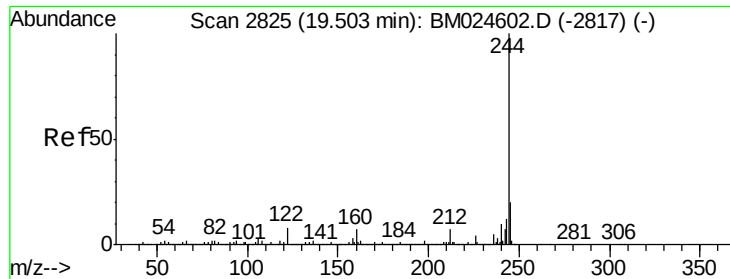


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.573 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

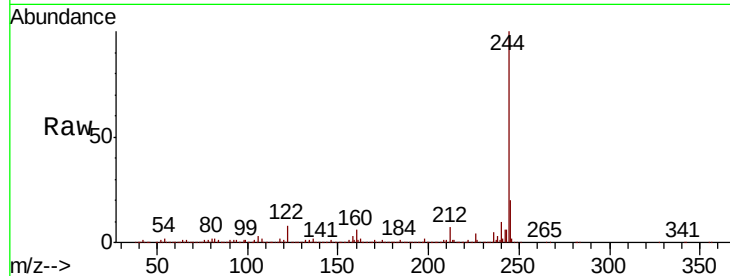
Tot Ion:244 Resp: 6202062

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

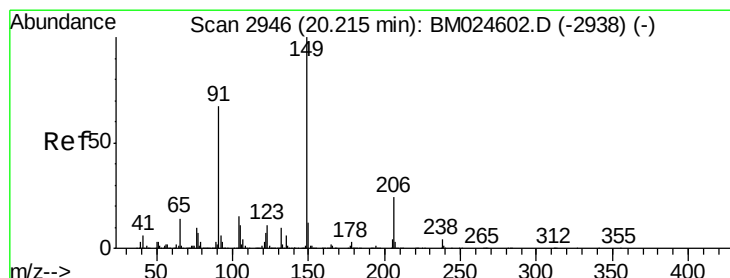
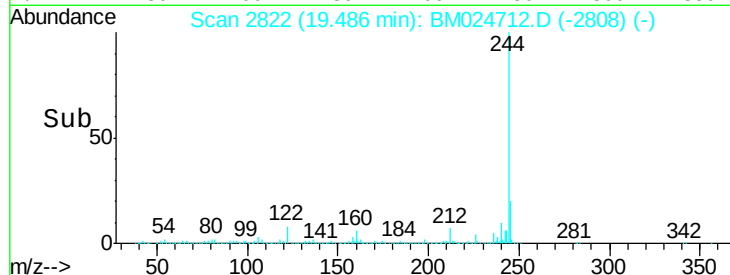
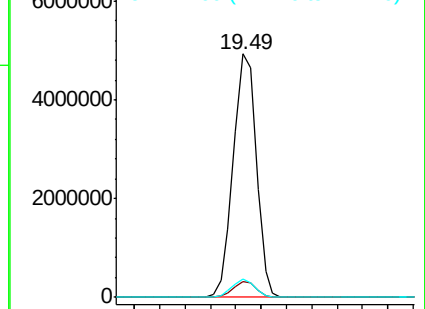
122 7.6 6.2 9.4



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: 42.662 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

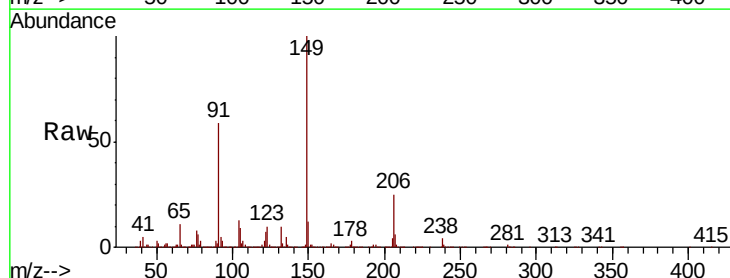
Tgt Ion:149 Resp: 1429734

Ion Ratio Lower Upper

149 100

91 58.5 53.9 80.9

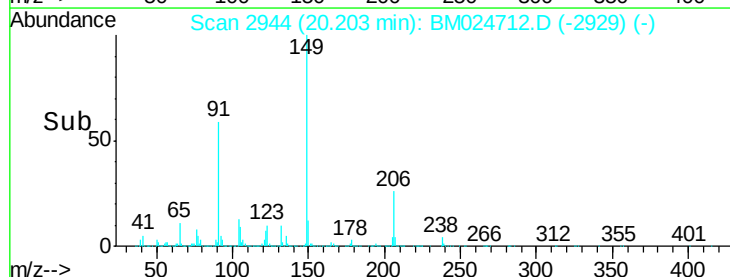
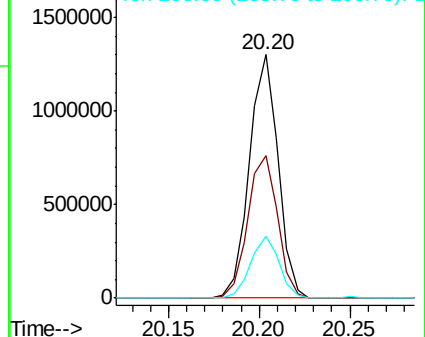
206 25.5 19.0 28.6

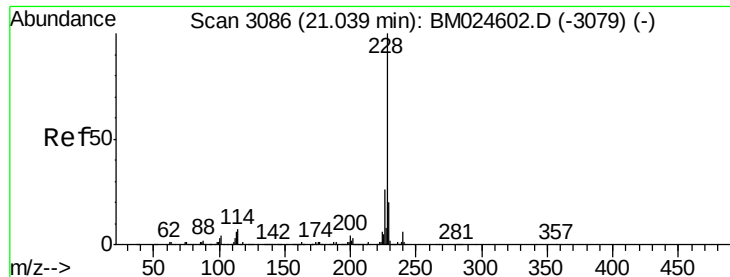


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.182 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampled :

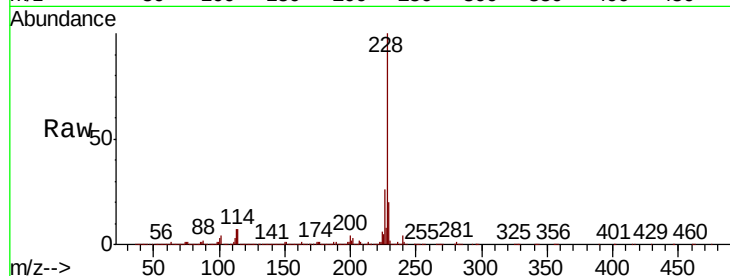
Tot Ion:228 Resp: 4051388

Ion Ratio Lower Upper

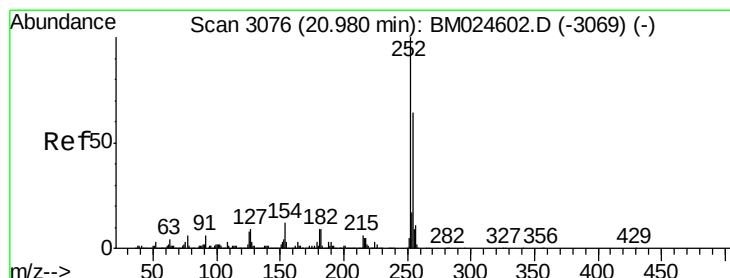
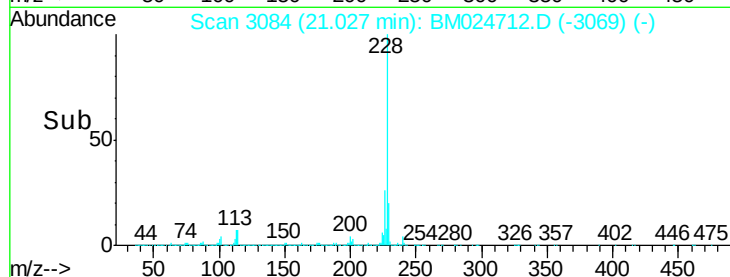
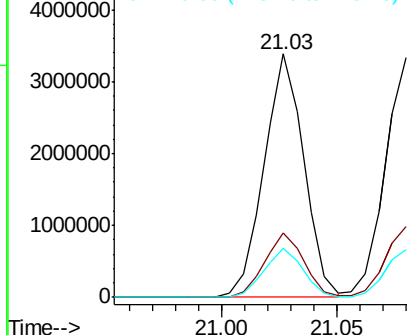
228 100

226 26.4 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: 27.335 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

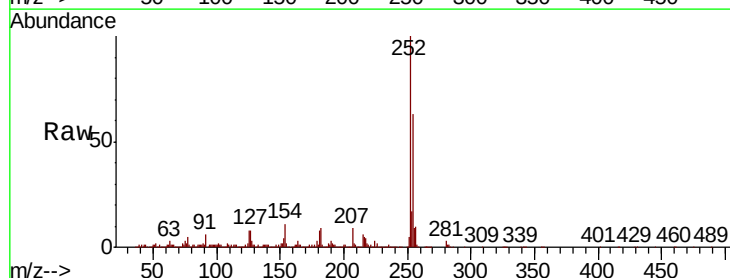
Tgt Ion:252 Resp: 826811

Ion Ratio Lower Upper

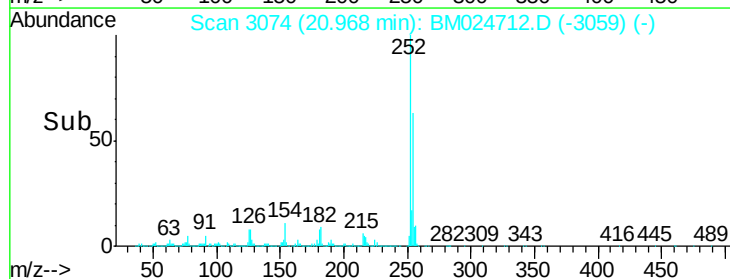
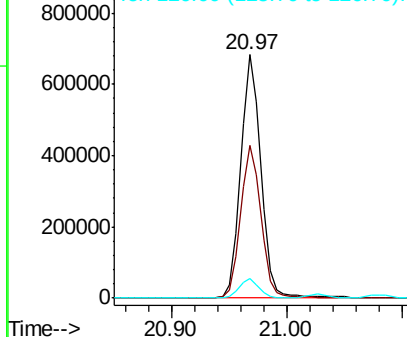
252 100

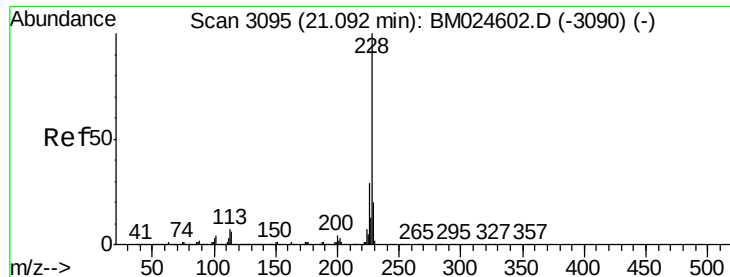
254 62.9 51.5 77.3

126 7.9 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

Chrysene

Concen: 48.683 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

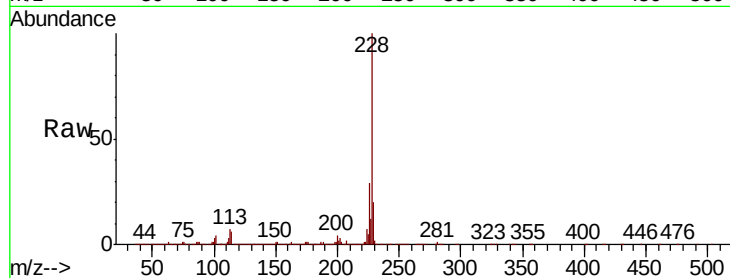
Tot Ion:228 Resp: 3906052

Ion Ratio Lower Upper

228 100

226 29.2 23.2 34.8

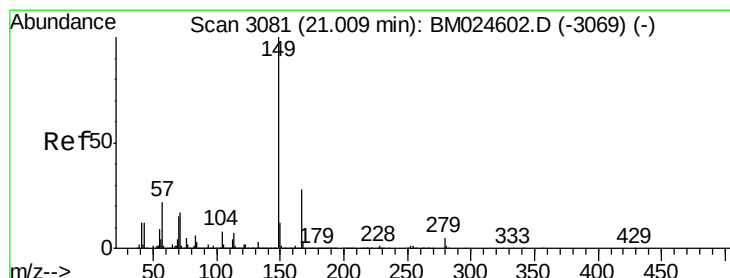
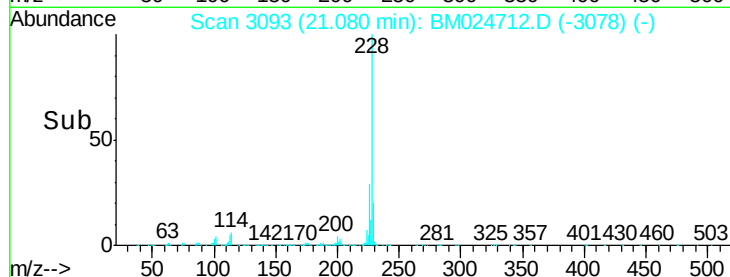
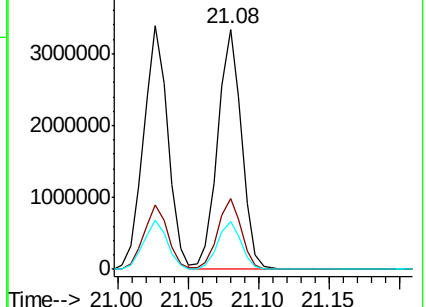
229 19.7 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.640 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

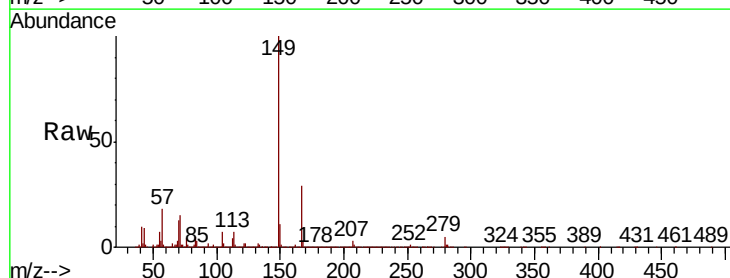
Tgt Ion:149 Resp: 2108491

Ion Ratio Lower Upper

149 100

167 29.1 22.5 33.7

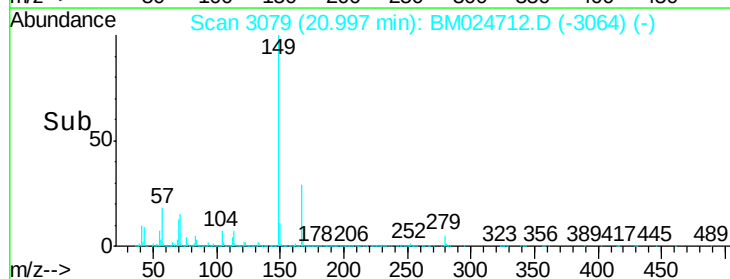
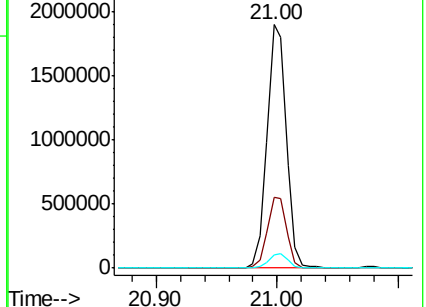
279 5.4 4.0 6.0

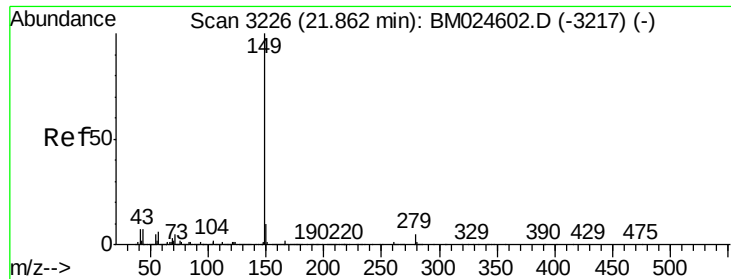


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

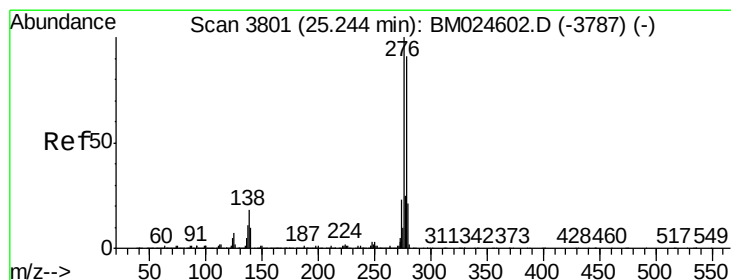
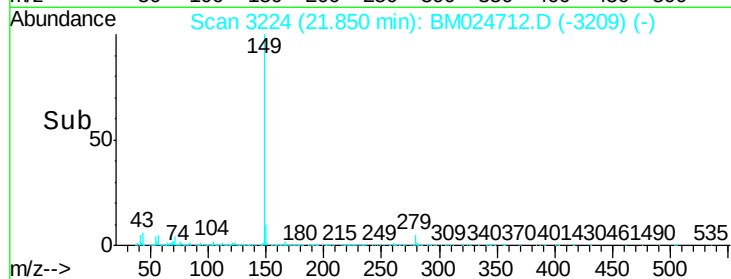
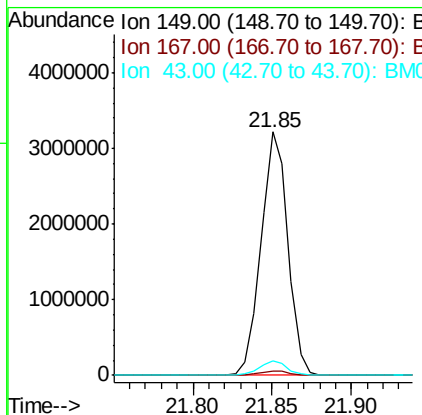
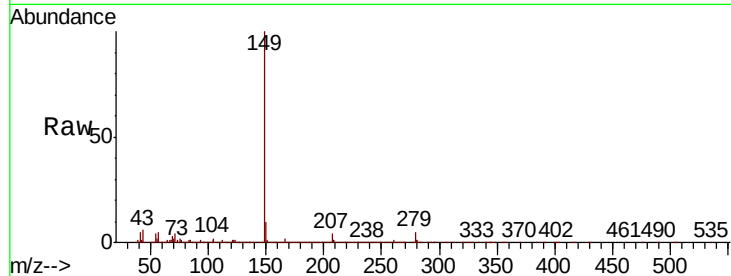




#85
Di-n-octyl phthalate
Concen: 46.373 ng
RT: 21.85 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

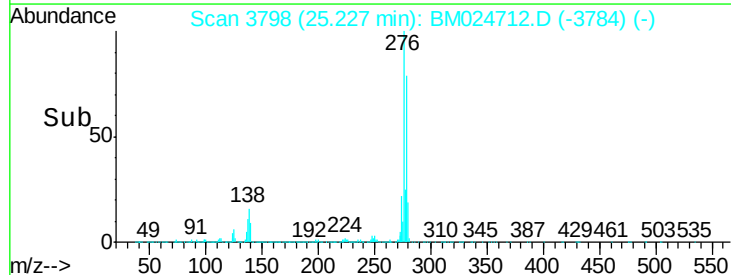
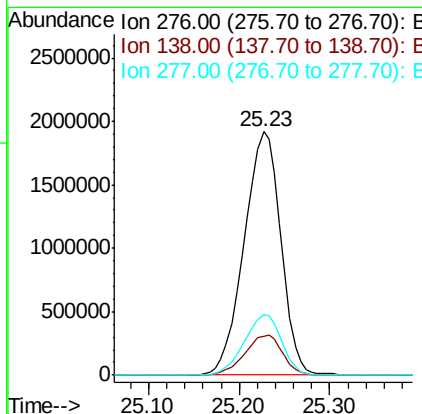
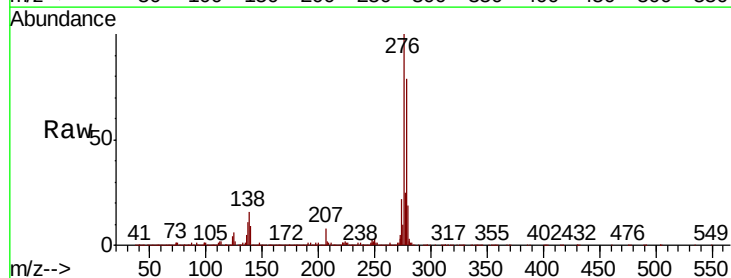
Instrument :
BNA_M
ClientSampleId :

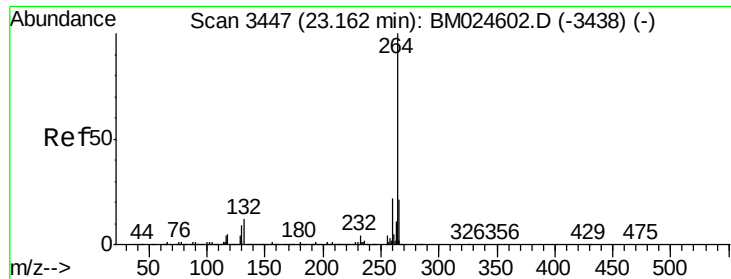
Tot Ion:149 Resp: 3788427
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 5.8 5.8 8.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 61.749 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:276 Resp: 5399988
Ion Ratio Lower Upper
276 100
138 16.6 13.4 20.0
277 25.3 19.6 29.4

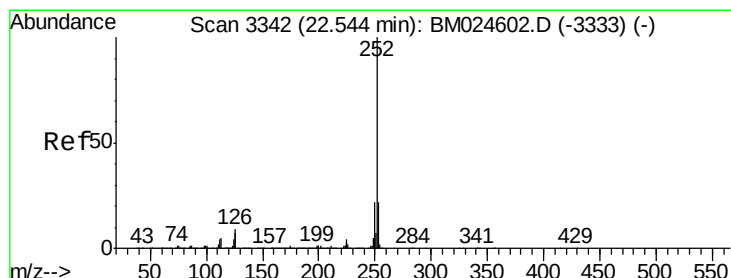
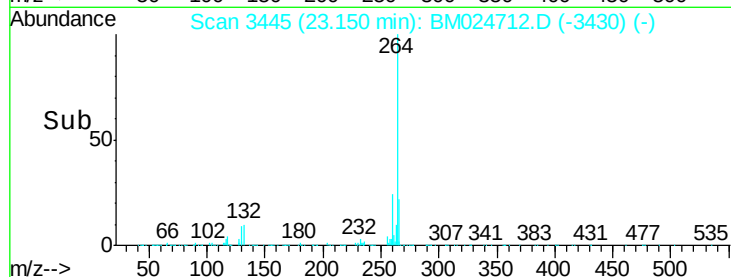
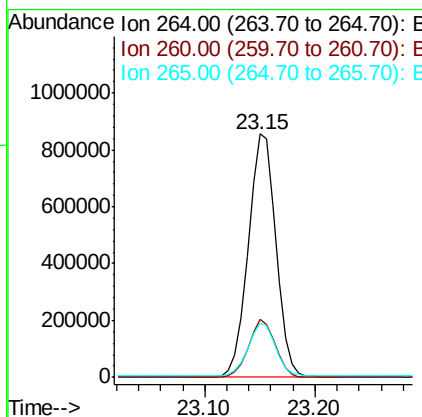
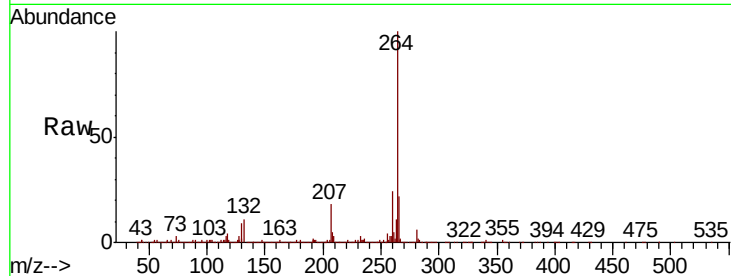




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

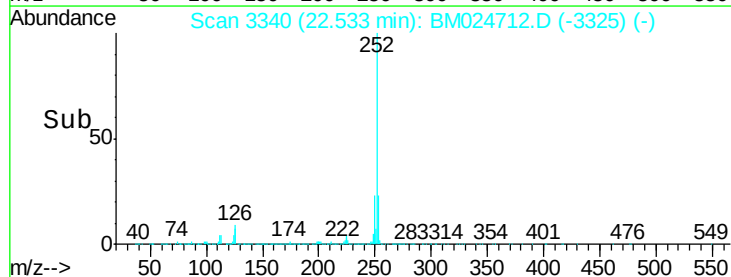
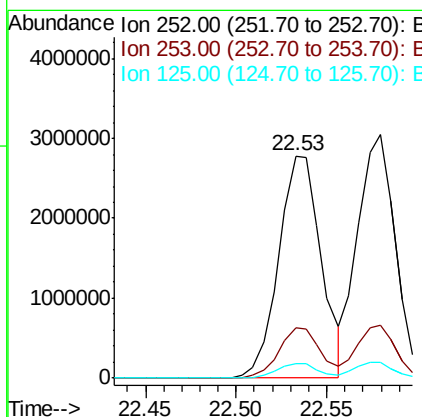
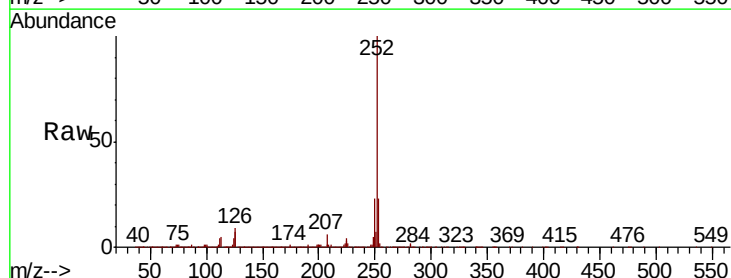
Instrument :
BNA_M
ClientSampleId :

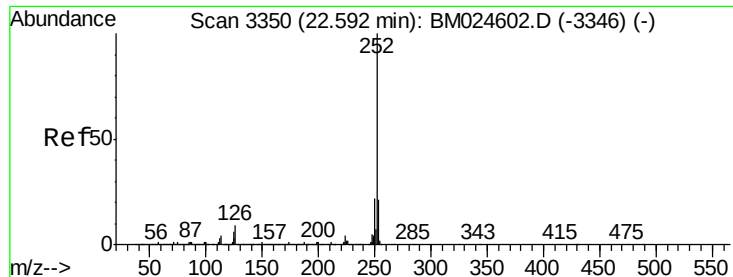
Tot Ion:264 Resp: 1510821
Ion Ratio Lower Upper
264 100
260 23.6 17.9 26.9
265 22.2 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 46.504 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:252 Resp: 4556868
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 6.7 5.7 8.5





#89

Benzo(k)fluoranthene

Concen: 45.953 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

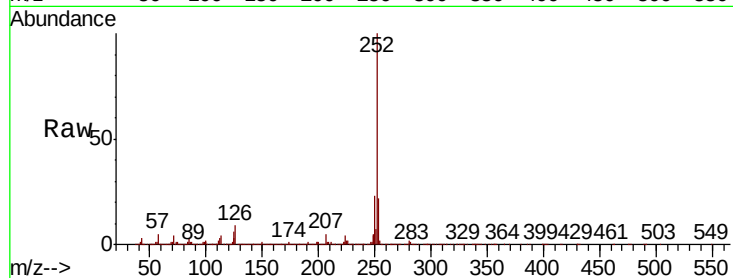
Tot Ion:252 Resp: 4395215

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

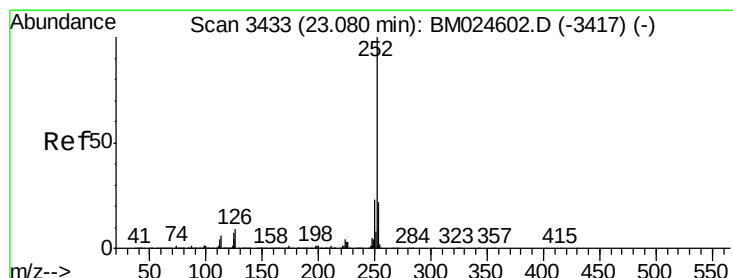
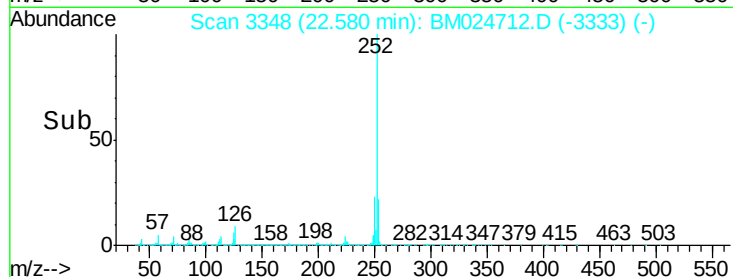
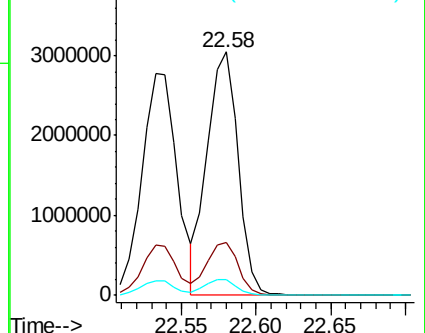
125 6.4 5.2 7.8



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: 46.961 ng

RT: 23.06 min Scan# 3430

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

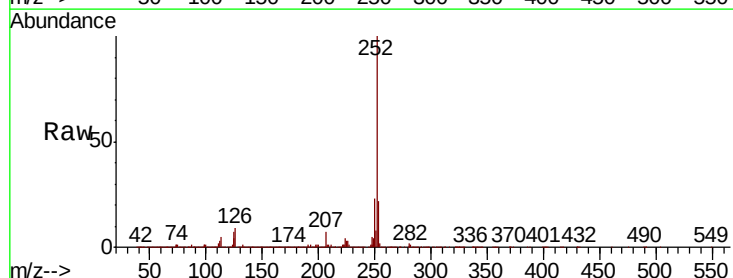
Tgt Ion:252 Resp: 4183721

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

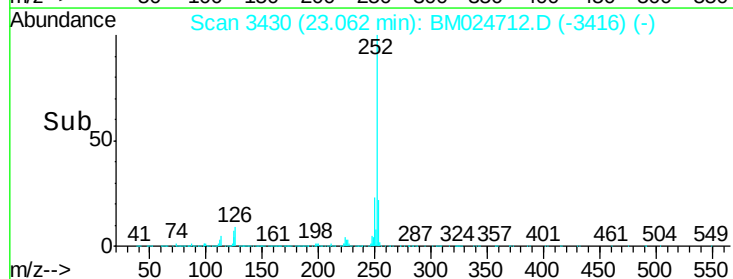
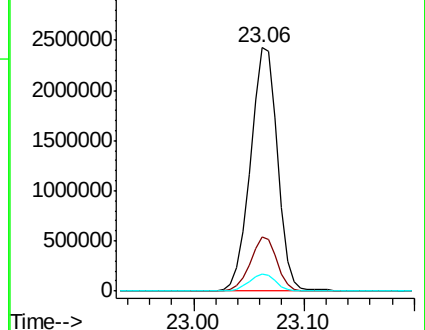
125 6.9 5.8 8.8

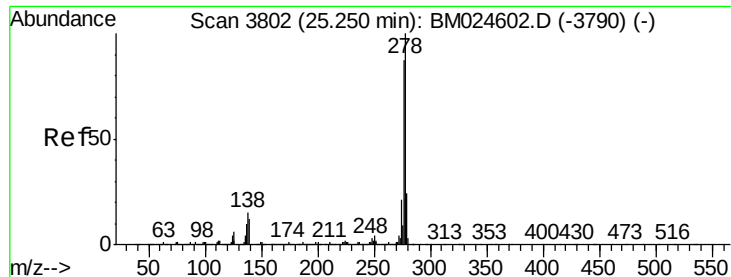


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



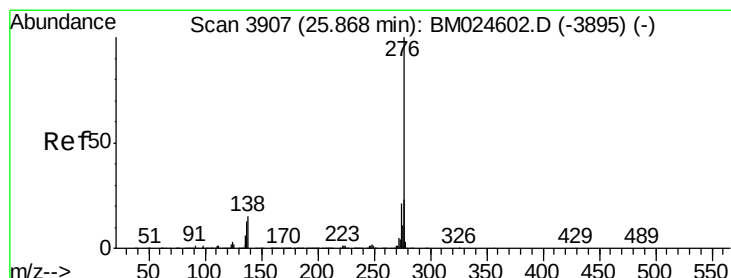
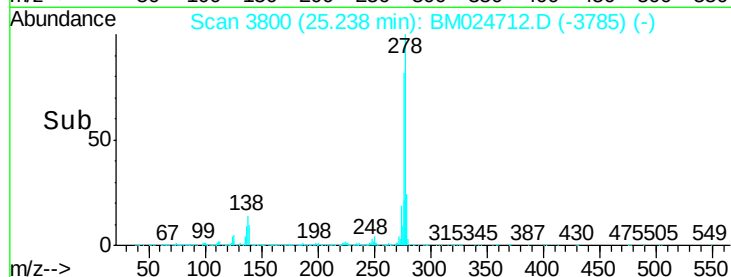
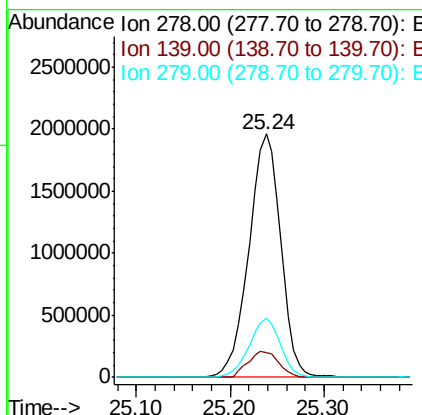
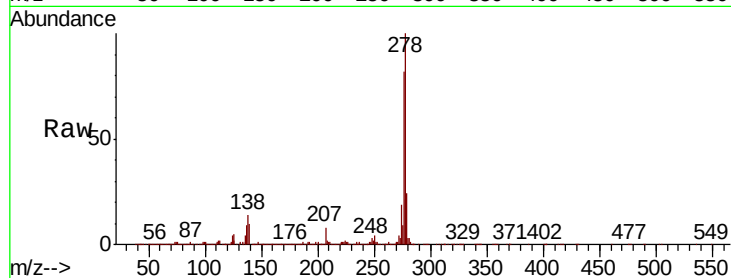


#91
Dibenzo(a,h)anthracene
Concen: 54.360 ng
RT: 25.24 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 4596519

Ion	Ratio	Lower	Upper
278	100		
139	10.2	9.3	13.9
279	24.2	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 59.348 ng
RT: 25.85 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:276 Resp: 4556699

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	13.8	11.9	17.9

