

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
 Data File : BM020577.D
 Acq On : 28 May 2019 12:38
 Operator : JU/SJ
 Sample : K2641-12MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 28 14:00:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	56392	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	187748	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	122124	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	308880	20.00	ng	0.00
76) Chrysene-d12	21.26	240	363045	20.00	ng	-0.01
87) Perylene-d12	23.50	264	403505	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	412856	143.63	ng	0.00
7) Phenol-d6	6.83	99	490836	113.13	ng	-0.01
23) Nitrobenzene-d5	8.83	82	406704	90.92	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	326806	133.57	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	859947	88.36	ng	-0.01
79) Terphenyl-d14	19.70	244	1816540	90.45	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	65080	43.266	ng	# 78
3) Pyridine	3.59	79	105063	24.202	ng	98
4) n-Nitrosodimethylamine	3.50	42	46266	43.372	ng	# 96
6) Aniline	7.00	93	56393	8.986	ng	98
8) 2-Chlorophenol	7.22	128	145367	41.357	ng	98
9) Benzaldehyde	6.83	77	5087	1.837	ng	# 66
10) Phenol	6.86	94	163469	34.892	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	140095	40.071	ng	99
12) 1,3-Dichlorobenzene	7.54	146	158172	35.138	ng	99
13) 1,4-Dichlorobenzene	7.69	146	156031	34.678	ng	98
14) 1,2-Dichlorobenzene	8.00	146	159721	35.409	ng	97
15) Benzyl Alcohol	7.91	79	132250	32.941	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	90564	37.166	ng	98
17) 2-Methylphenol	8.10	107	108016	34.923	ng	97
18) Hexachloroethane	8.71	117	63470	34.823	ng	93
19) n-Nitroso-di-n-propylamine	8.46	70	134662	34.955	ng	98
20) 3+4-Methylphenols	8.43	107	130851	31.546	ng	99
22) Acetophenone	8.49	105	223001	43.134	ng	# 100
24) Nitrobenzene	8.87	77	195345	44.220	ng	95
25) Isophorone	9.38	82	357083	42.902	ng	99
26) 2-Nitrophenol	9.57	139	65531	40.203	ng	93
27) 2,4-Dimethylphenol	9.63	122	109124	44.941	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	169442	39.108	ng	99
29) 2,4-Dichlorophenol	10.10	162	124224	38.466	ng	97
30) 1,2,4-Trichlorobenzene	10.30	180	180786	40.942	ng	98
31) Naphthalene	10.49	128	405001	41.778	ng	99
32) Benzoic acid	9.78	122	22839	21.201	ng	93
33) 4-Chloroaniline	10.60	127	272	0.070	ng	# 42
34) Hexachlorobutadiene	10.75	225	138921	42.315	ng	98
35) Caprolactam	11.45	113	14496	13.638	ng	95
36) 4-Chloro-3-methylphenol	11.75	107	132920	37.822	ng	96
37) 2-Methylnaphthalene	12.11	142	298689	40.331	ng	98
38) 1-Methylnaphthalene	12.33	142	293591	40.915	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	244056	47.539	ng	99

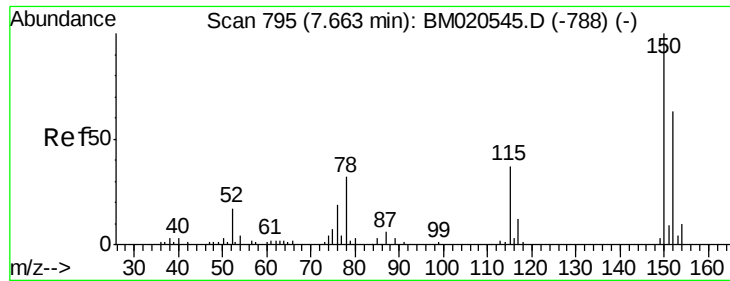
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	216879	85.530	ng	99
43) 2,4,6-Trichlorophenol	12.74	196	132603	41.738	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	128884	43.442	ng	99
46) 1,1'-Biphenyl	13.14	154	421228	44.785	ng	99
47) 2-Chloronaphthalene	13.19	162	340651	42.724	ng	99
48) 2-Nitroaniline	13.42	65	78996	33.471	ng	91
49) Acenaphthylene	14.03	152	521830	43.037	ng	99
50) Dimethylphthalate	13.77	163	448888	41.498	ng	98
51) 2,6-Dinitrotoluene	13.91	165	94432	41.885	ng	94
52) Acenaphthene	14.37	154	310097	42.439	ng	99
53) 3-Nitroaniline	14.27	138	22223	15.349	ng	93
54) 2,4-Dinitrophenol	14.47	184	92640	65.402	ng	98
55) Dibenzofuran	14.72	168	552774	43.717	ng	99
56) 4-Nitrophenol	14.57	139	73836	52.895	ng	99
57) 2,4-Dinitrotoluene	14.71	165	128956	39.609	ng	# 86
58) Fluorene	15.37	166	435999	41.510	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	148293	42.957	ng	98
60) Diethylphthalate	15.14	149	442779	41.545	ng	98
61) 4-Chlorophenyl-phenylether	15.36	204	283909	42.339	ng	98
62) 4-Nitroaniline	15.43	138	42752	22.559	ng	99
63) Azobenzene	15.66	77	446829	43.086	ng	97
65) 4,6-Dinitro-2-methylphenol	15.47	198	74313	39.301	ng	99
66) n-Nitrosodiphenylamine	15.58	169	378229	45.161	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	183126	44.504	ng	97
68) Hexachlorobenzene	16.36	284	217968	43.690	ng	99
69) Atrazine	16.54	200	125538	36.432	ng	99
70) Pentachlorophenol	16.72	266	240240	93.225	ng	99
71) Phenanthrene	17.11	178	725704	43.248	ng	99
72) Anthracene	17.20	178	687685	42.260	ng	99
73) Carbazole	17.49	167	556173	39.826	ng	99
74) Di-n-butylphthalate	18.03	149	740767	43.120	ng	99
75) Fluoranthene	19.13	202	980911	42.037	ng	99
77) Benzidine	19.37	184	23883	3.580	ng	# 91
78) Pyrene	19.50	202	1003178	44.014	ng	99
80) Butylbenzylphthalate	20.40	149	348094	43.467	ng	100
81) Benzo(a)anthracene	21.25	228	1051543	41.850	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	192807	21.023	ng	98
83) Chrysene	21.30	228	1053513	43.391	ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	528055	45.242	ng	100
85) Di-n-octyl phthalate	22.04	149	942906	46.469	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1408537	47.980	ng	100
88) Benzo(b)fluoranthene	22.83	252	1156449	43.788	ng	99
89) Benzo(k)fluoranthene	22.87	252	1177260	45.929	ng	99
90) Benzo(a)pyrene	23.41	252	1120325	46.098	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	1206990	48.518	ng	99
92) Benzo(g,h,i)perylene	26.47	276	1156165	50.135	ng	100

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

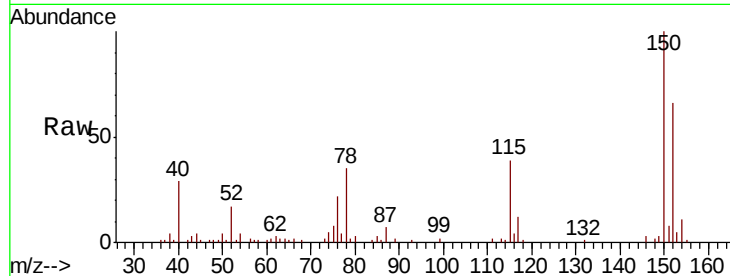


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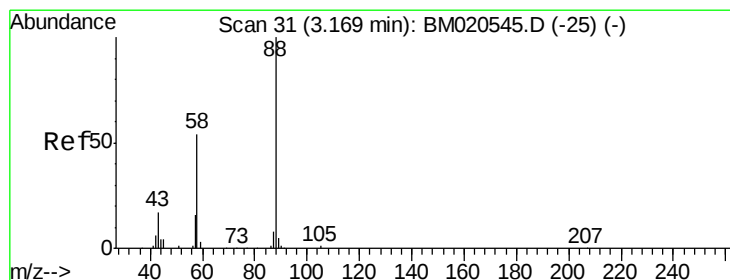
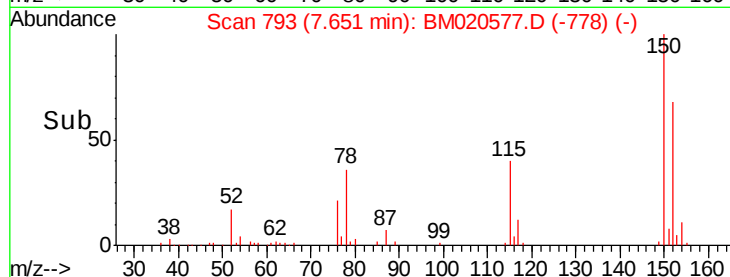
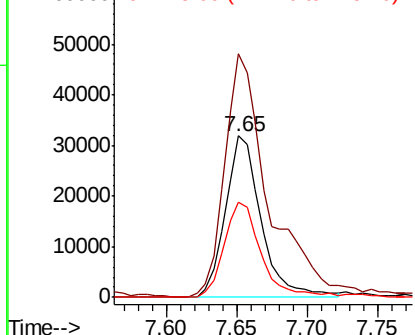
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 56392
Ion Ratio Lower Upper
152 100
150 151.0 126.6 190.0
115 59.3 46.6 70.0



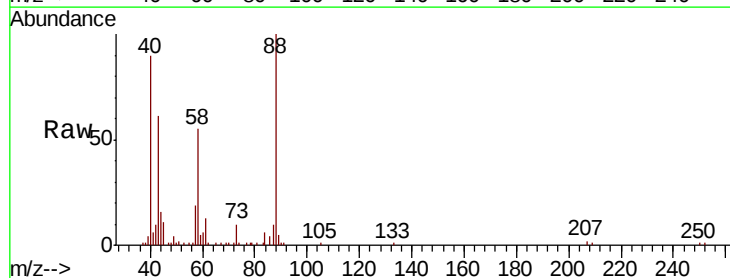
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



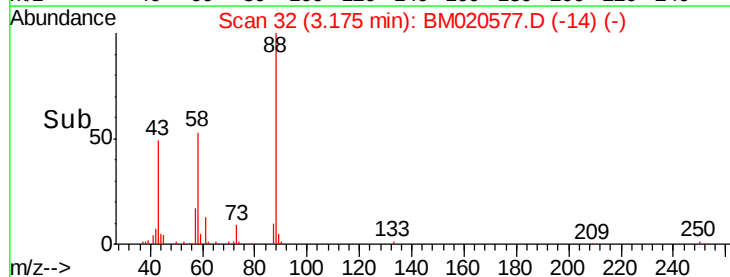
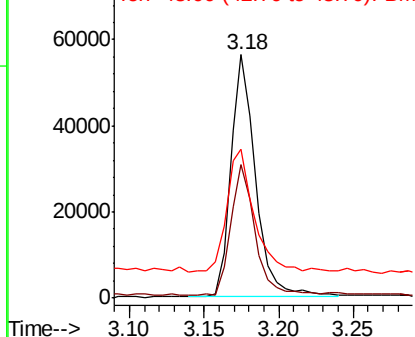
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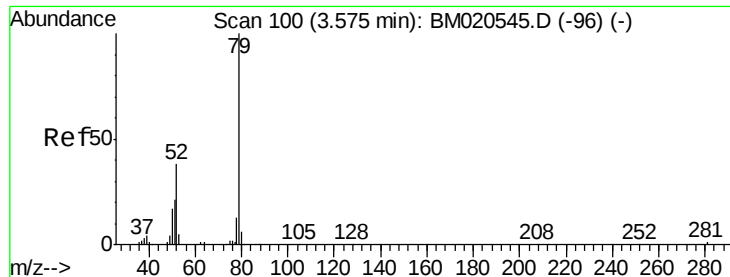
1,4-Dioxane
Concen: 43.266 ng
RT: 3.18 min Scan# 32
Delta R.T. 0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion: 88 Resp: 65080
Ion Ratio Lower Upper
88 100
58 52.9 42.3 63.5
43 57.1 16.0 24.0#



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





#3

Pvridine

Concen: 24.202 ng

RT: 3.59 min Scan# 102

Delta R.T. 0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

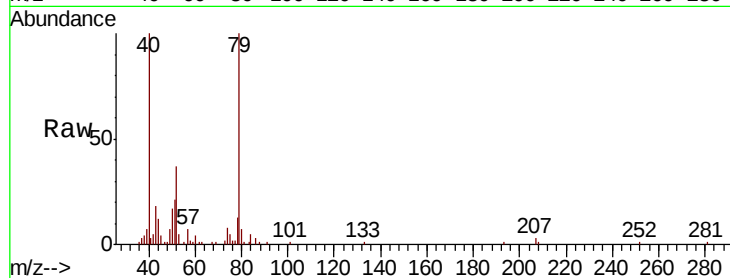
Tot Ion: 79 Resp: 105063

Ion Ratio Lower Upper

79 100

52 37.0 30.1 45.1

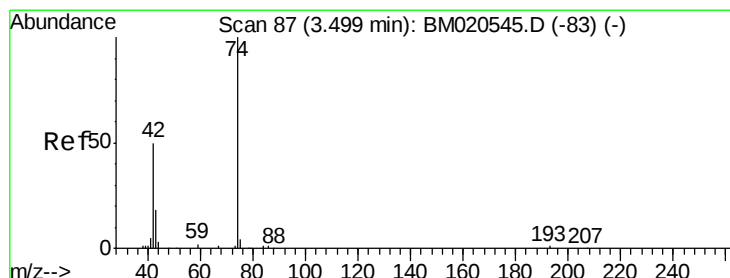
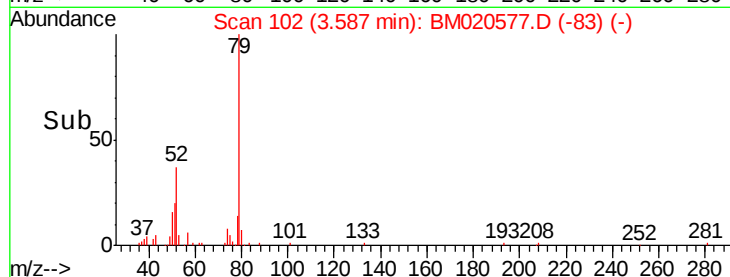
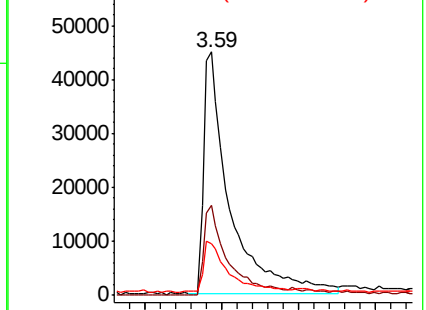
51 21.0 17.8 26.8



Abundance Ion 79.00 (78.70 to 79.70): BM020545.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM020545.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 43.372 ng

RT: 3.50 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

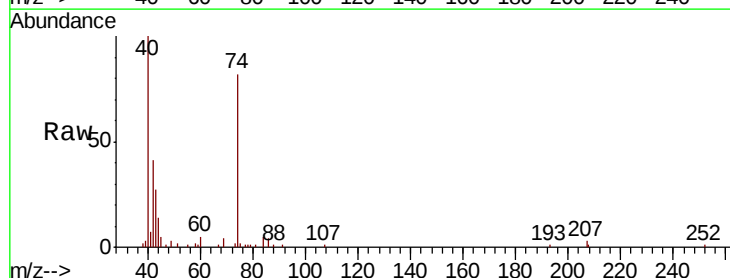
Tgt Ion: 42 Resp: 46266

Ion Ratio Lower Upper

42 100

74 197.1 161.1 241.7

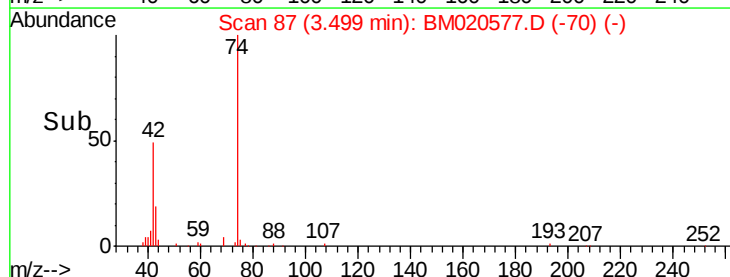
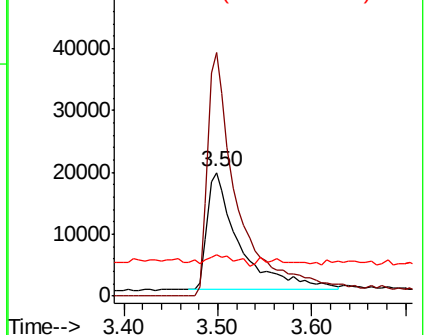
44 33.3 20.9 31.3#

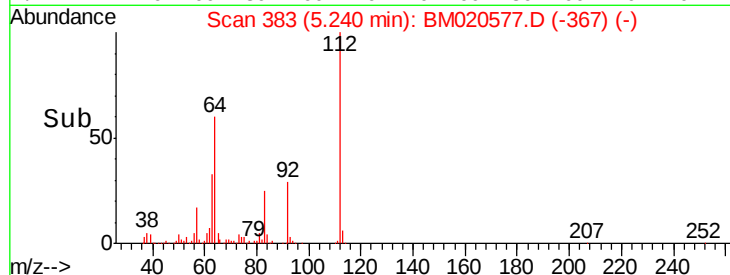
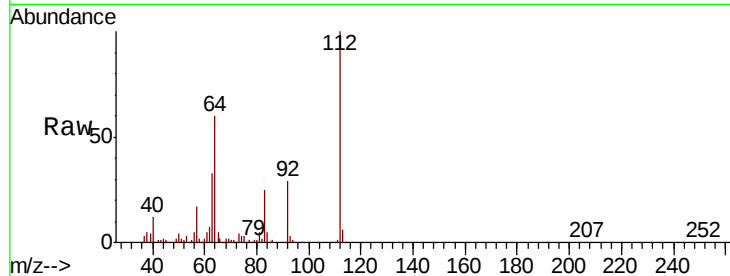
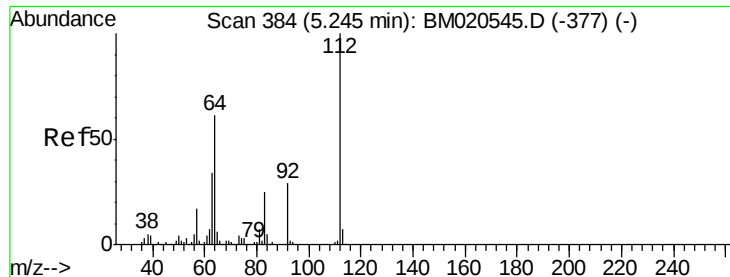


Abundance Ion 42.00 (41.70 to 42.70): BM020545.D (-83) (-)

Ion 74.00 (73.70 to 74.70): BM020545.D (-83) (-)

Ion 44.00 (43.70 to 44.70): BM020545.D (-83) (-)





#5

2-Fluorophenol

Concen: 143.628 ng

RT: 5.24 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:112 Resp: 412856

Ion Ratio Lower Upper

112 100

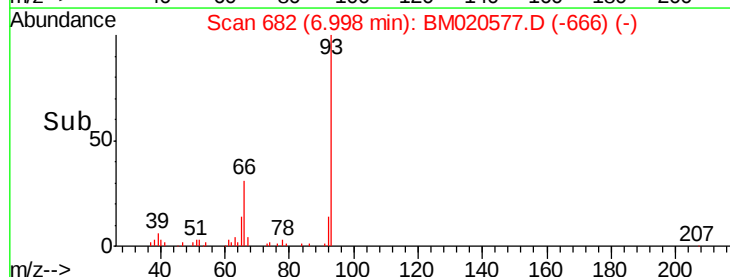
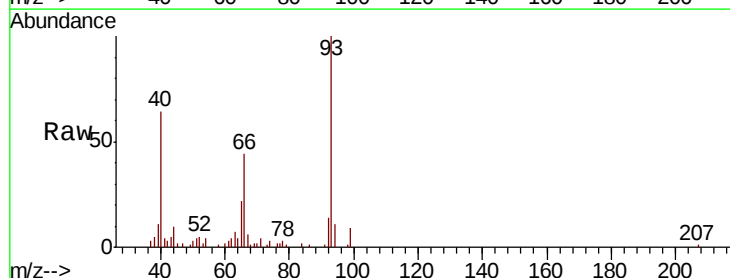
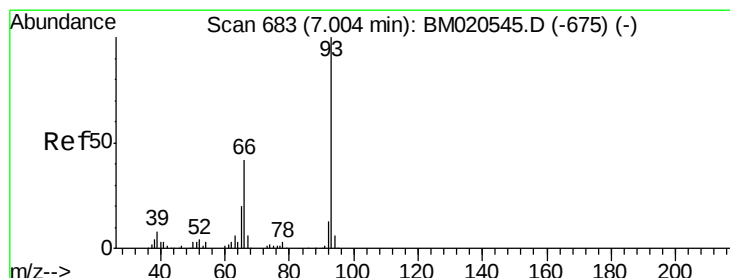
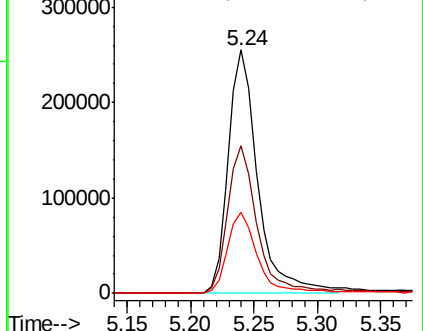
64 60.4 48.6 73.0

63 33.4 27.4 41.0

Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 8.986 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Tgt Ion: 93 Resp: 56393

Ion Ratio Lower Upper

93 100

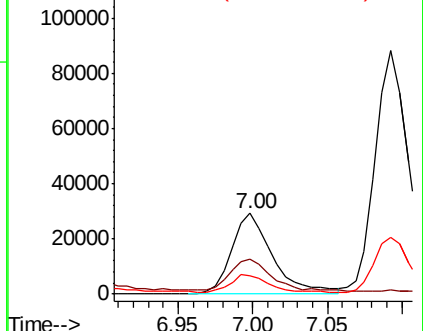
66 43.6 34.5 51.7

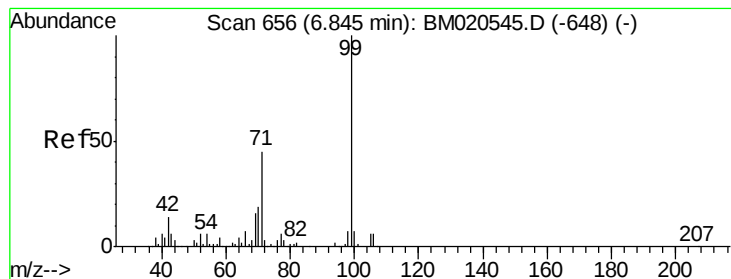
65 22.1 16.2 24.2

Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 113.133 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

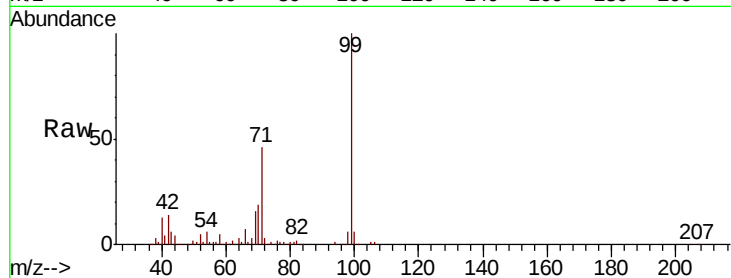
Tot Ion: 99 Resp: 490836

Ion Ratio Lower Upper

99 100

42 13.8 10.8 16.2

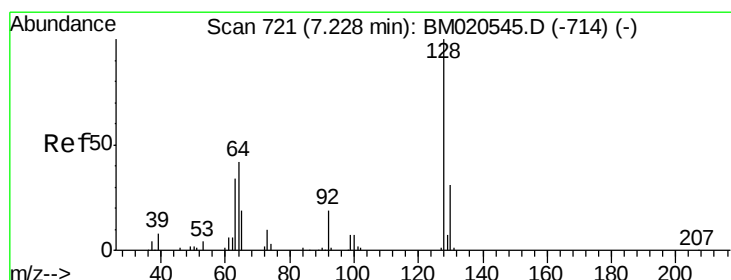
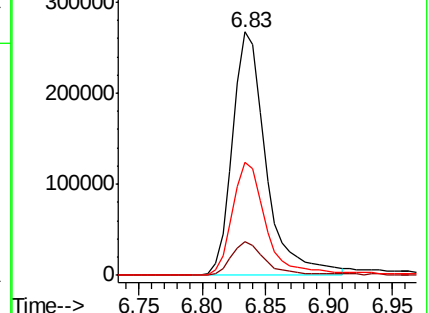
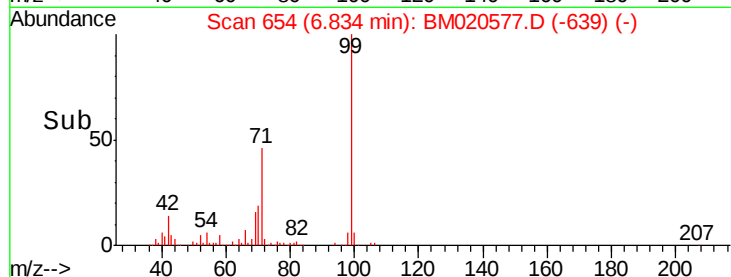
71 46.3 36.3 54.5



Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)



#8

2-Chlorophenol

Concen: 41.357 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

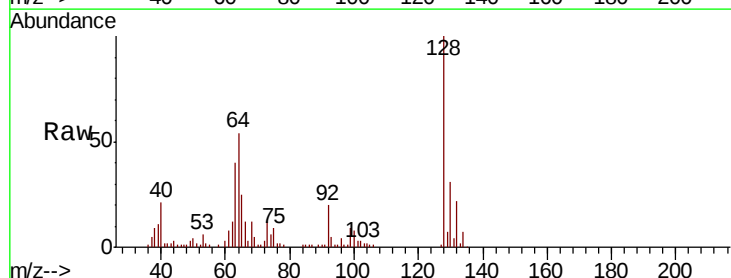
Tgt Ion: 128 Resp: 145367

Ion Ratio Lower Upper

128 100

130 31.5 11.2 51.2

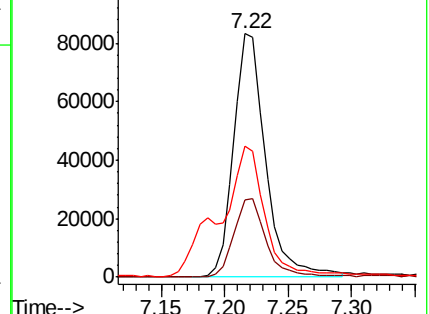
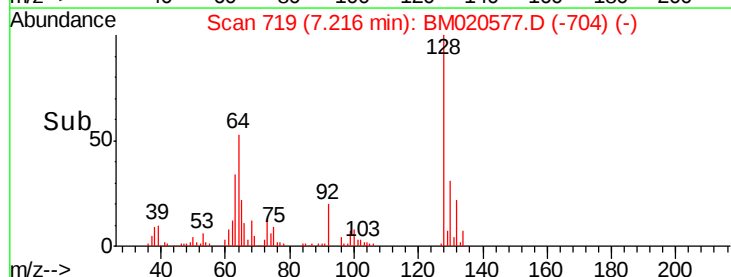
64 53.6 31.1 71.1

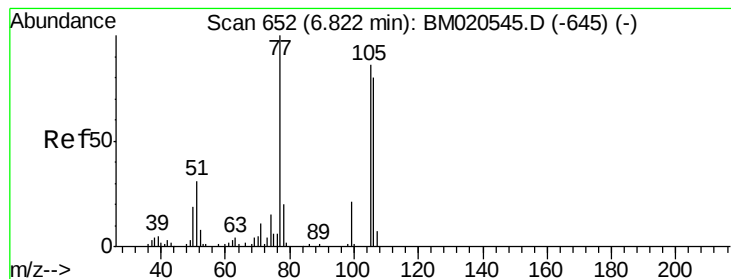


Abundance Ion 128.00 (127.70 to 128.70): BM020545.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM020545.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM020545.D (-714) (-)





#9

Benzaldehyde

Concen: 1.837 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

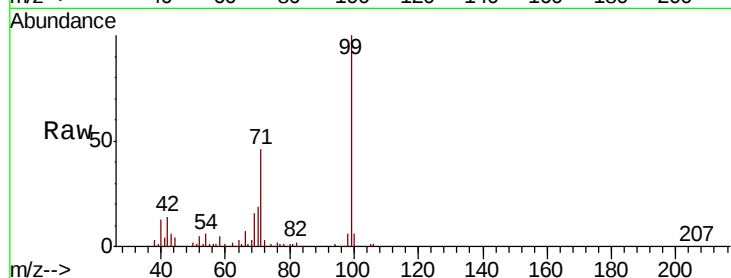
Tot Ion: 77 Resp: 5087

Ion Ratio Lower Upper

77 100

105 52.8 66.1 106.1#

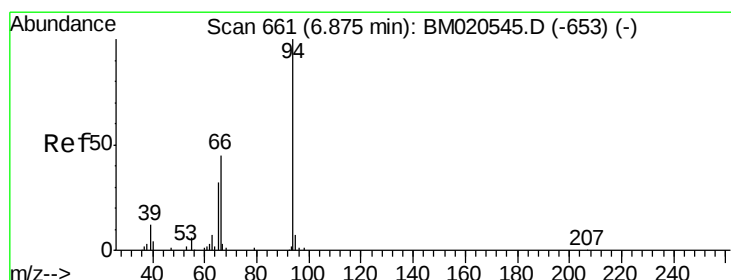
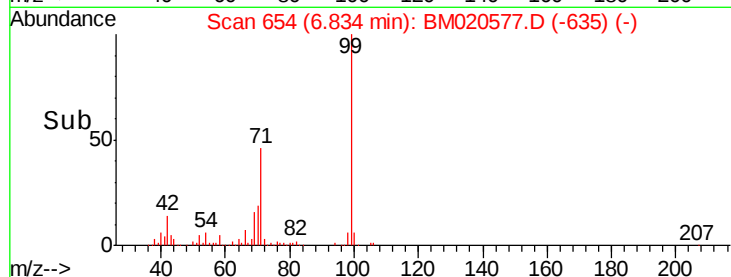
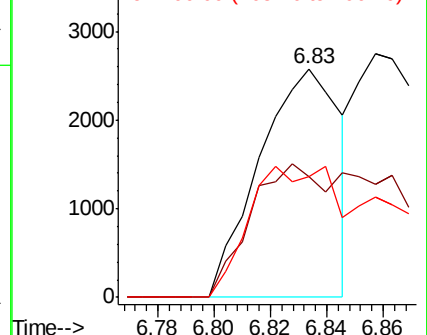
106 52.7 60.0 100.0#



Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-645) (-)

Ion 105.00 (104.70 to 105.70): BM020545.D (-645) (-)

Ion 106.00 (105.70 to 106.70): BM020545.D (-645) (-)



#10

Phenol

Concen: 34.892 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

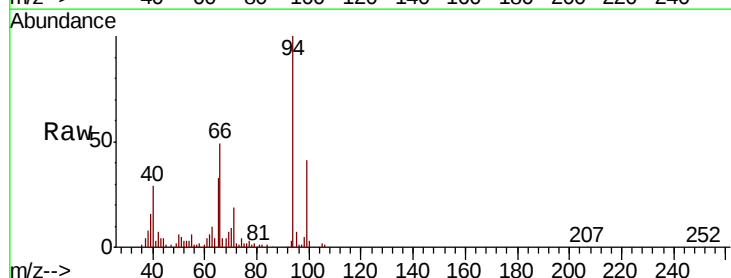
Tgt Ion: 94 Resp: 163469

Ion Ratio Lower Upper

94 100

65 33.3 12.4 52.4

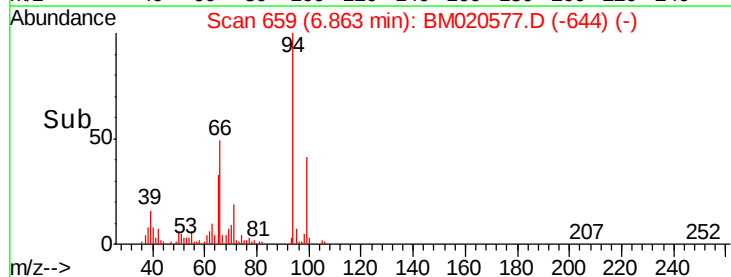
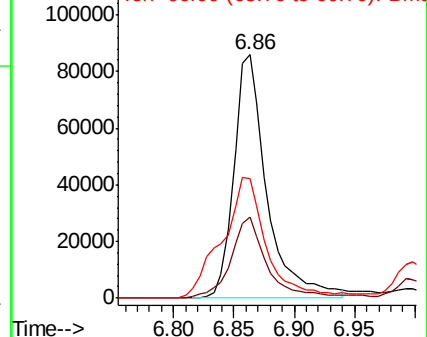
66 49.2 27.4 67.4

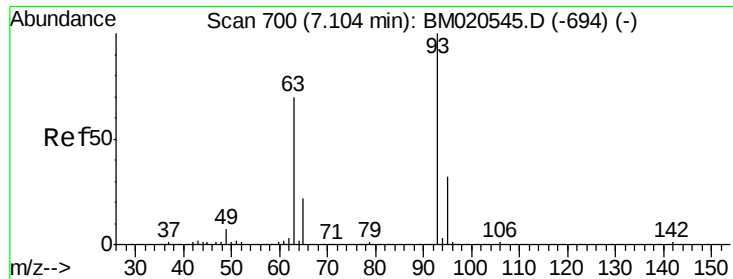


Abundance Ion 94.00 (93.70 to 94.70): BM020545.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM020545.D (-653) (-)

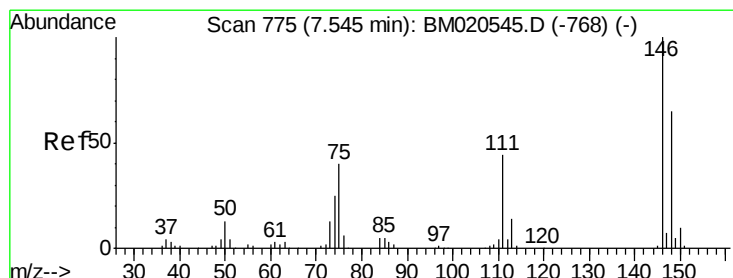
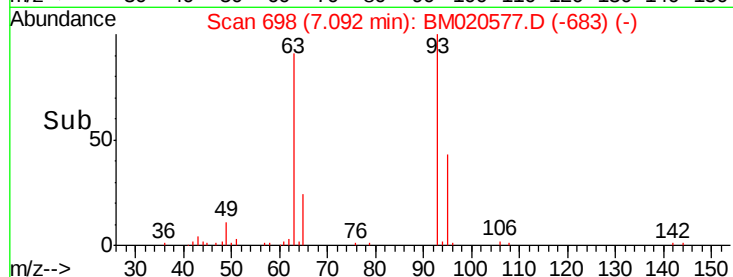
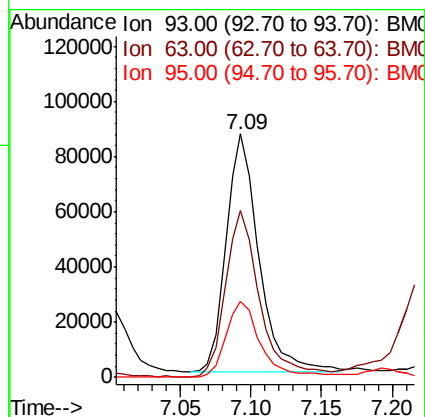
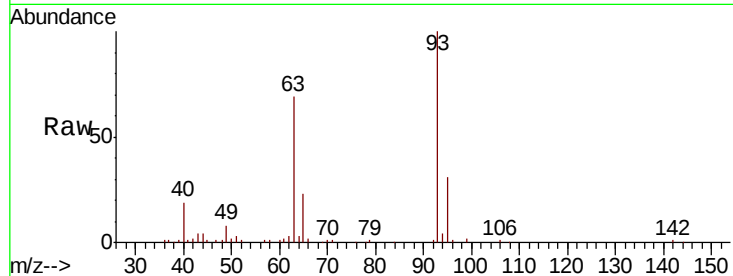




#11
bis(2-Chloroethyl)ether
Concen: 40.071 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

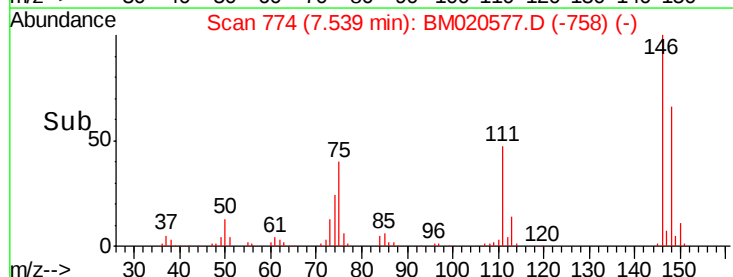
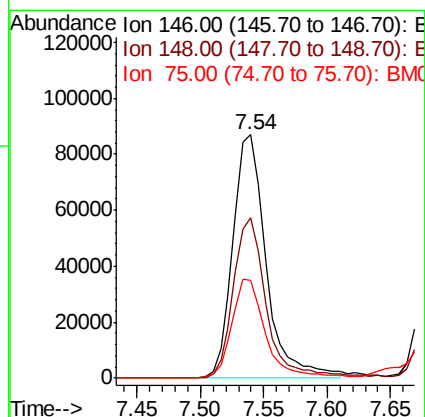
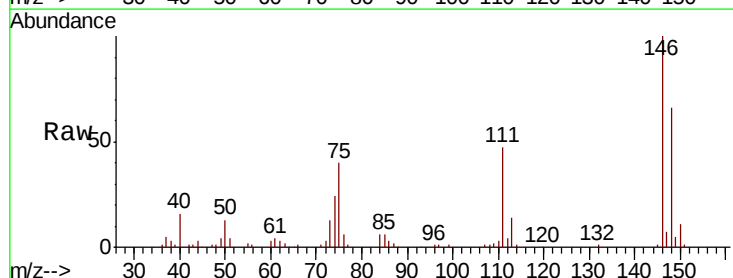
Instrument :
BNA_M
ClientSampled :

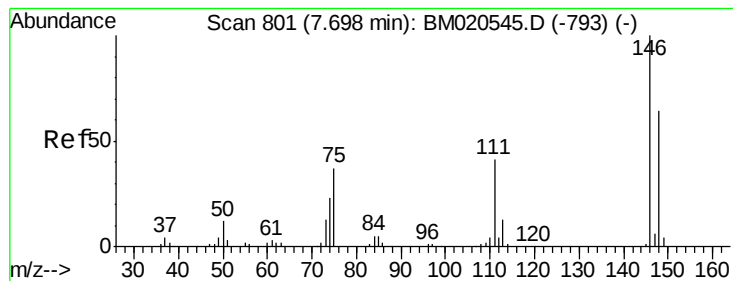
Tot Ion: 93 Resp: 140095
Ion Ratio Lower Upper
93 100
63 68.6 47.6 87.6
95 31.2 10.9 50.9



#12
1,3-Dichlorobenzene
Concen: 35.138 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion: 146 Resp: 158172
Ion Ratio Lower Upper
146 100
148 66.1 51.9 77.9
75 40.0 31.6 47.4





#13

1,4-Dichlorobenzene

Concen: 34.678 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampled :

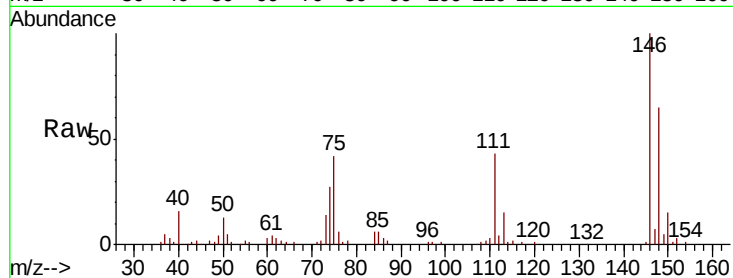
Tot Ion:146 Resp: 156031

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

111 43.4 33.5 50.3

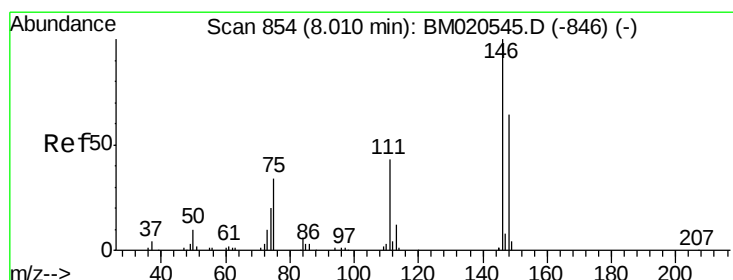
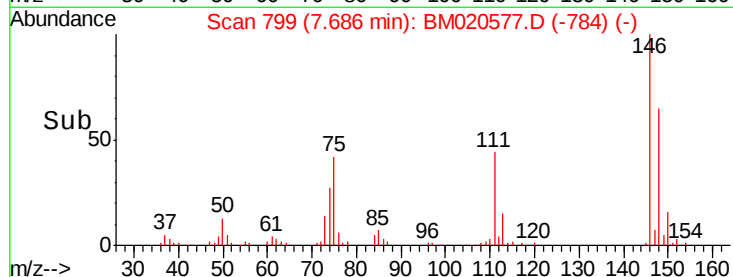
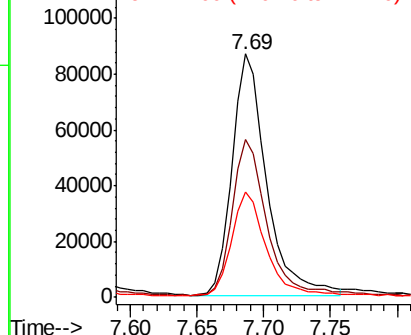


Abundance

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: 35.409 ng

RT: 8.00 min Scan# 852

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

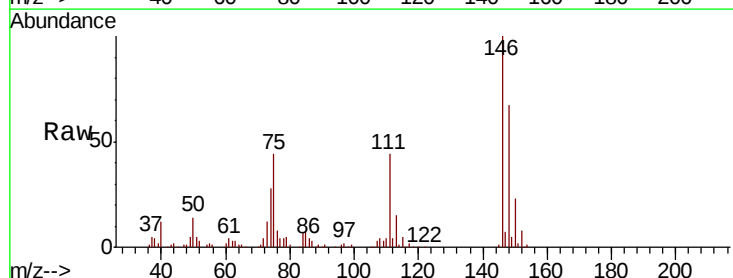
Tgt Ion:146 Resp: 159721

Ion Ratio Lower Upper

146 100

148 67.5 51.2 76.8

111 44.4 35.2 52.8

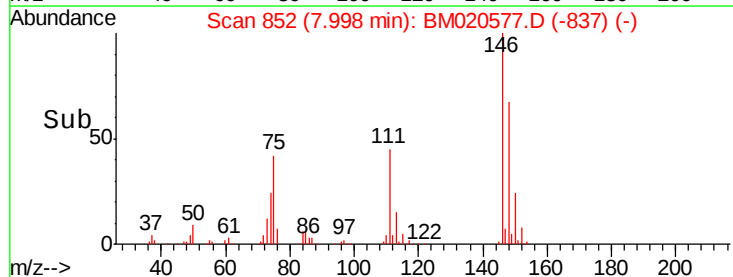
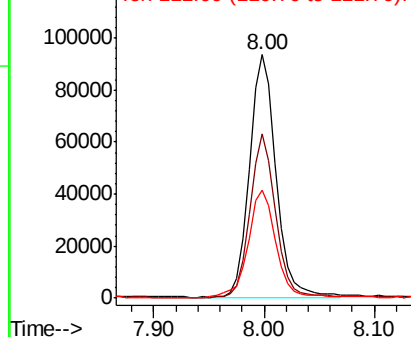


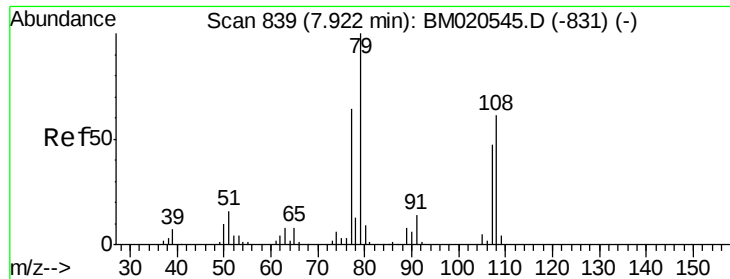
Abundance

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: 32.941 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampled :

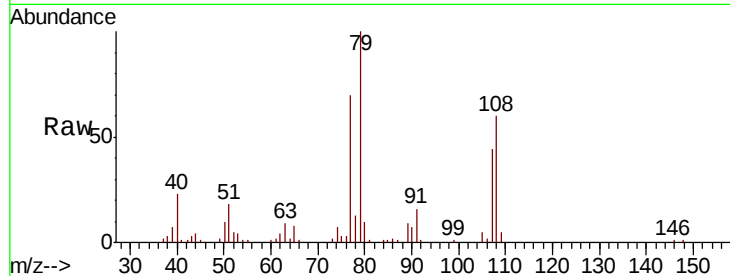
Tot Ion: 79 Resp: 132250

Ion Ratio Lower Upper

79 100

108 60.3 48.5 72.7

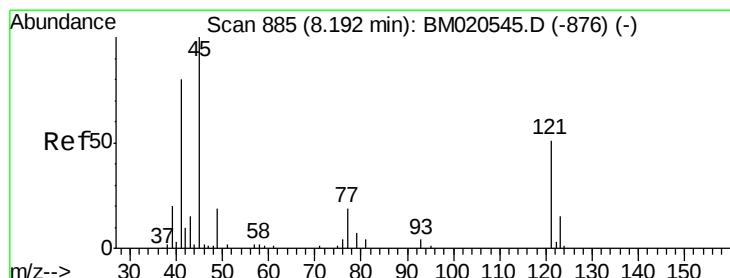
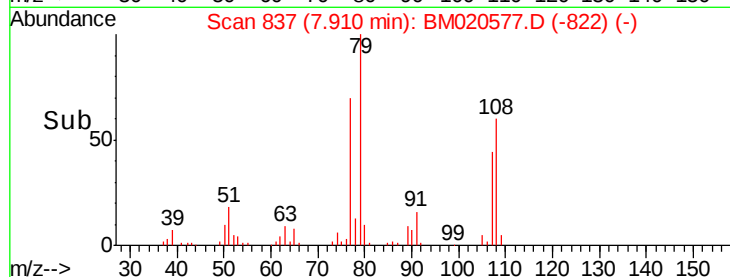
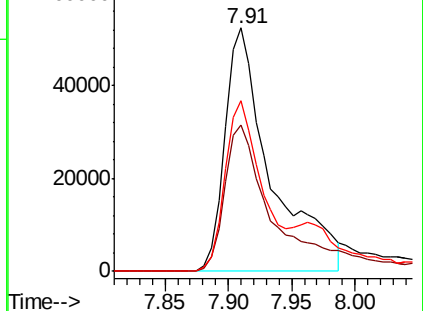
77 69.8 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BM020545.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM020545.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM020545.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.166 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

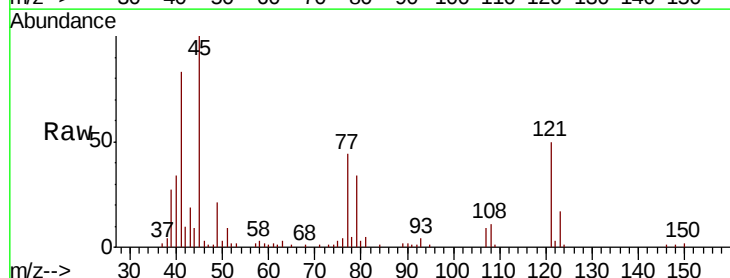
Tgt Ion: 45 Resp: 90564

Ion Ratio Lower Upper

45 100

77 44.0 25.0 65.0

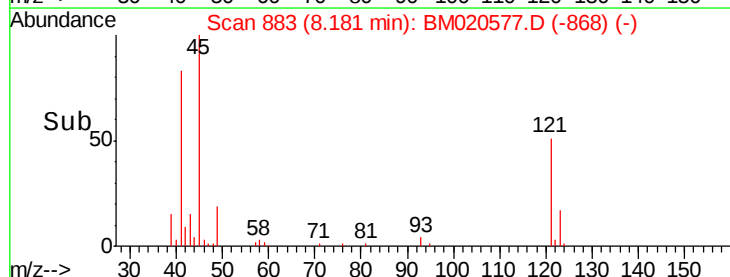
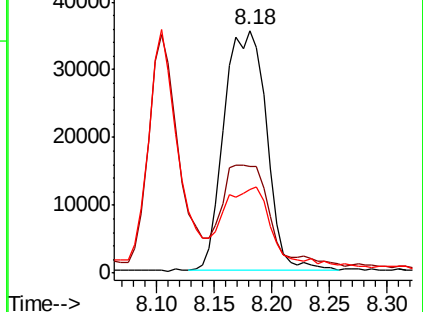
79 34.2 13.1 53.1

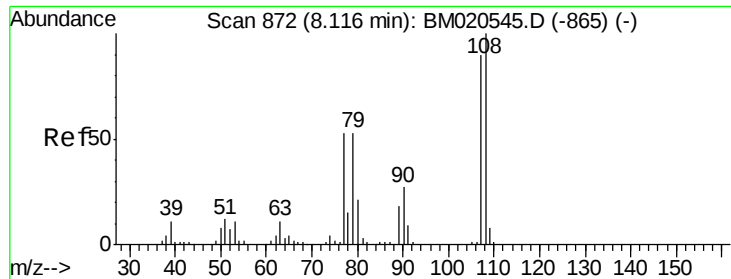


Abundance Ion 45.00 (44.70 to 45.70): BM020545.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM020545.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM020545.D (-876) (-)





#17

2-Methylphenol

Concen: 34.923 ng

RT: 8.10 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 108016

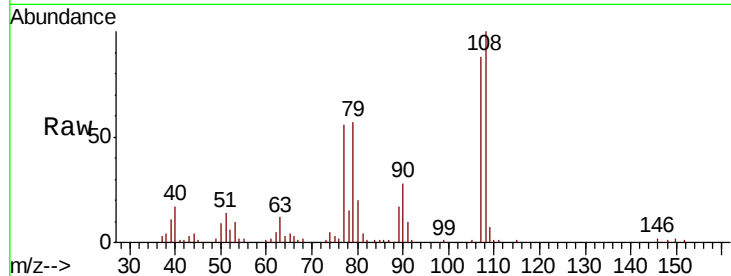
Ion Ratio Lower Upper

107 100

108 113.4 89.4 134.2

77 63.1 48.2 72.4

79 64.5 48.4 72.6

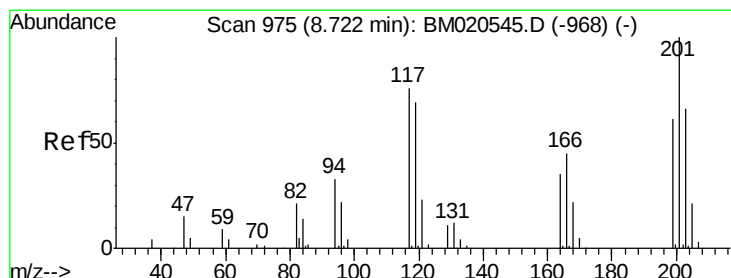
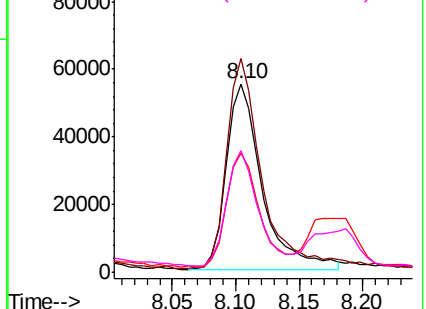
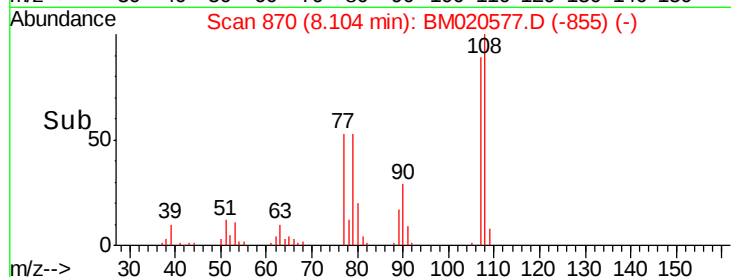


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.823 ng

RT: 8.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

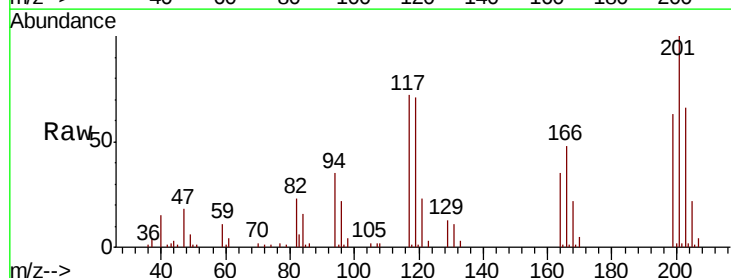
Tgt Ion:117 Resp: 63470

Ion Ratio Lower Upper

117 100

119 98.8 73.2 109.8

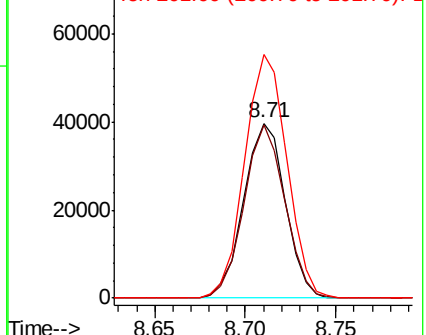
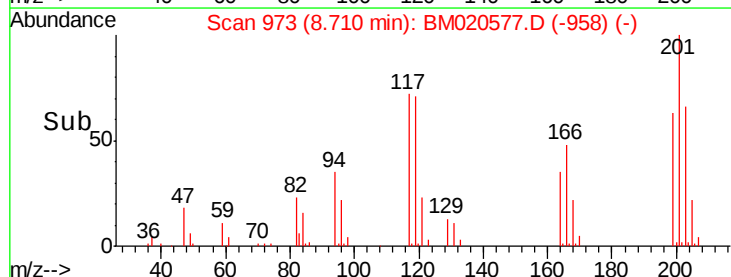
201 139.3 105.8 158.8

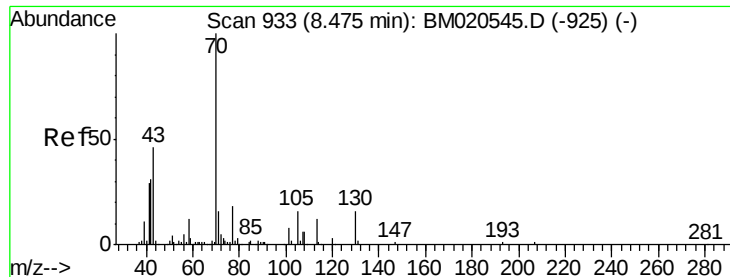


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

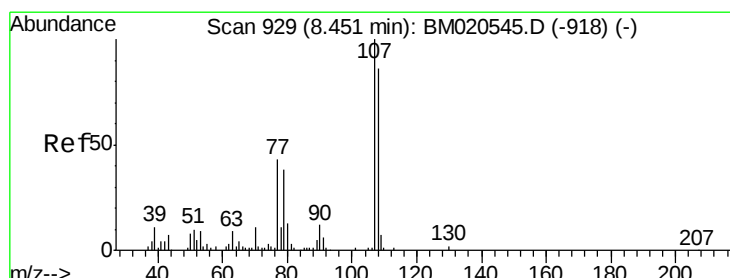
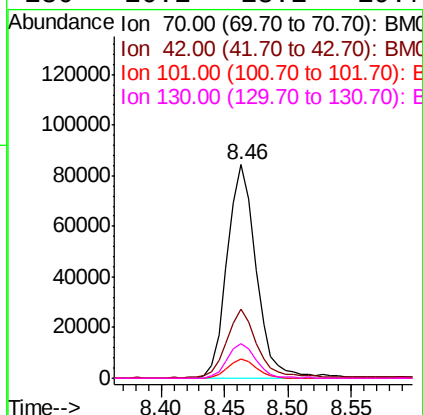
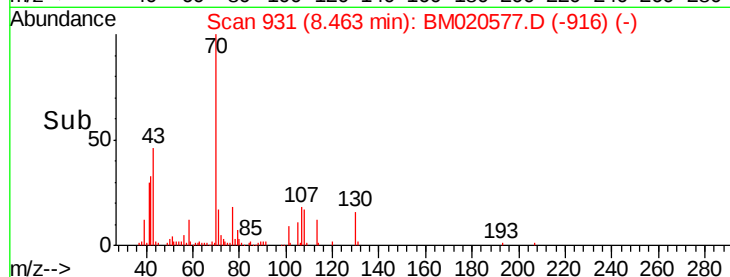
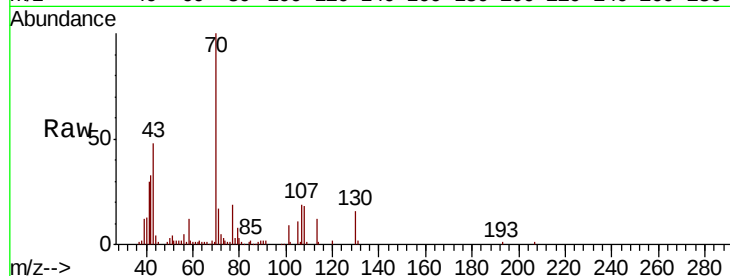




#19
n-Nitroso-di-n-propylamine
Concen: 34.955 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

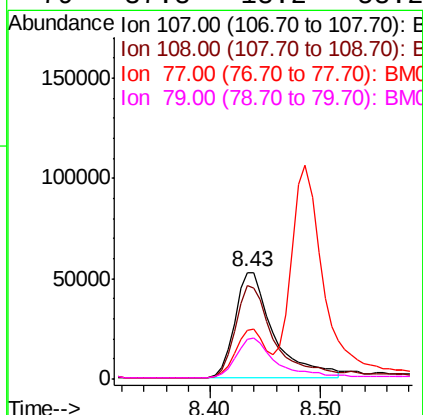
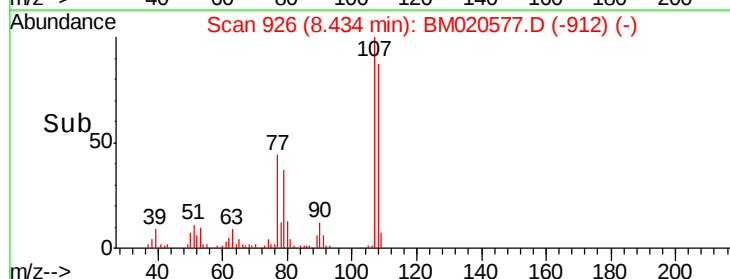
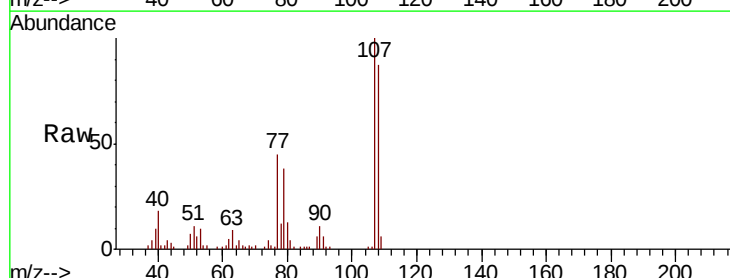
Instrument :
BNA_M
ClientSampleId :

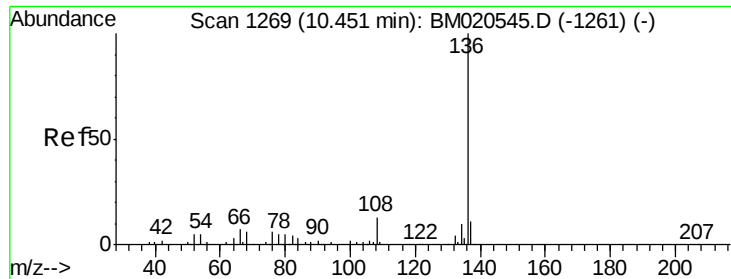
Tot Ion:	70	Resp:	134662
Ion	Ratio	Lower	Upper
70	100		
42	32.7	24.7	37.1
101	8.9	6.8	10.2
130	16.1	13.1	19.7



#20
3+4-Methylphenols
Concen: 31.546 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:	107	Resp:	130851
Ion	Ratio	Lower	Upper
107	100		
108	87.2	66.5	106.5
77	45.4	23.0	63.0
79	37.8	18.2	58.2

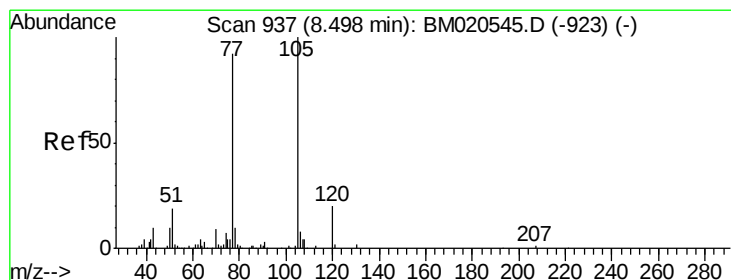
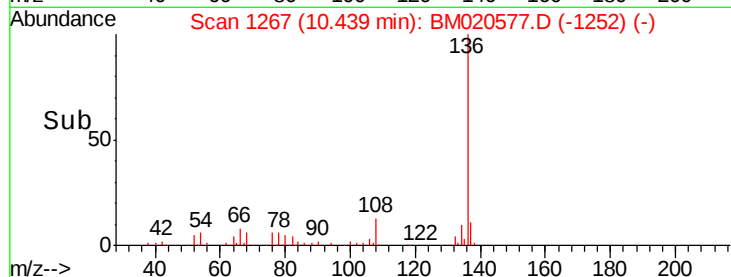
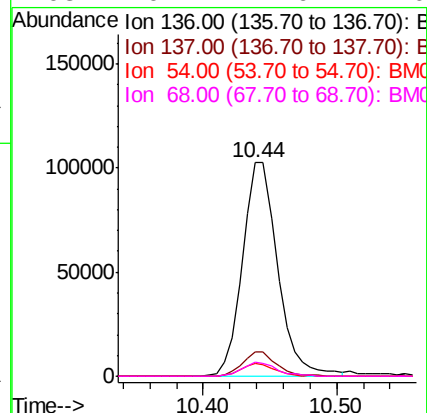
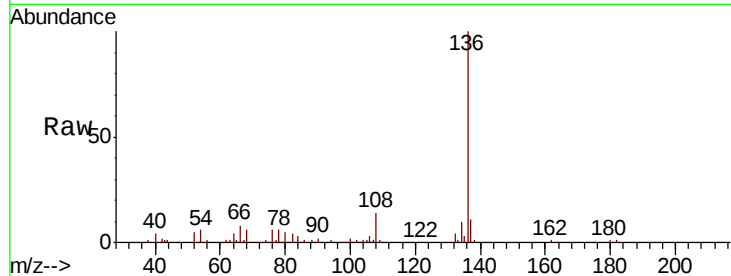




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

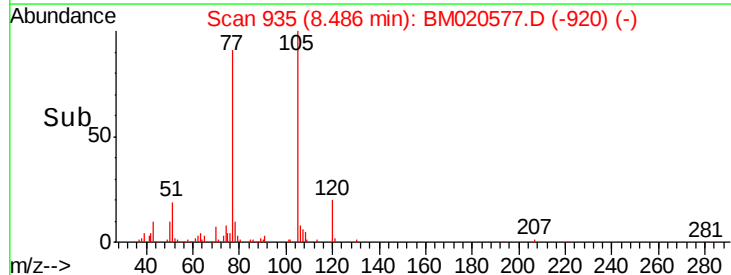
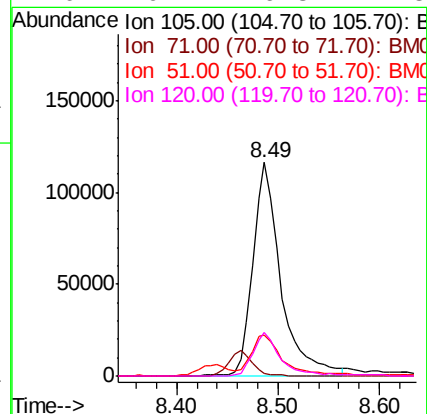
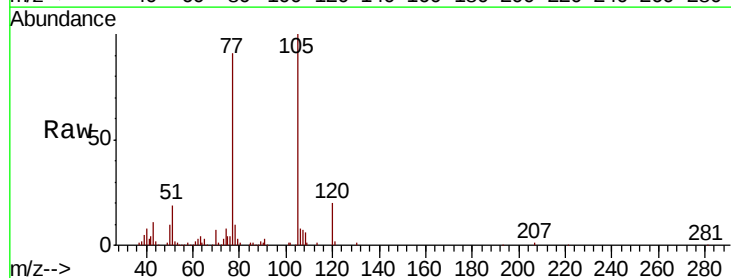
Instrument :
BNA_M
ClientSampleId :

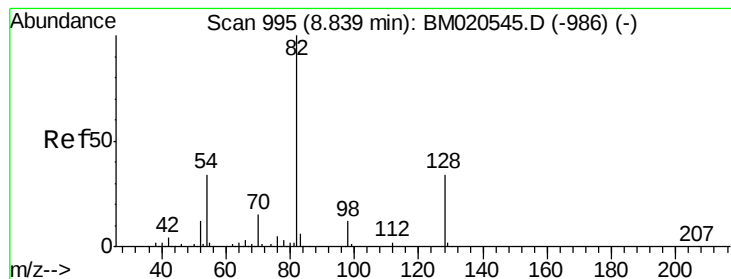
Tot Ion:136	Resp:	187748
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.4 12.6
54	6.3	4.2 6.4
68	6.4	4.6 7.0



#22
Acetophenone
Concen: 43.134 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:105	Resp:	223001
Ion Ratio	Lower	Upper
105	100	
71	1.2	1.3 1.9#
51	19.5	15.7 23.5
120	20.4	16.3 24.5





#23

Nitrobenzene-d5

Concen: 90.923 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampled :

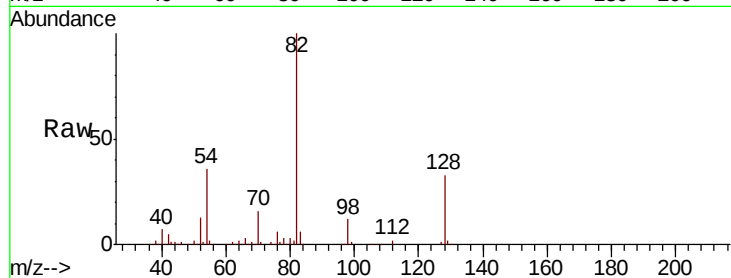
Tot Ion: 82 Resp: 406704

Ion Ratio Lower Upper

82 100

128 33.4 27.0 40.4

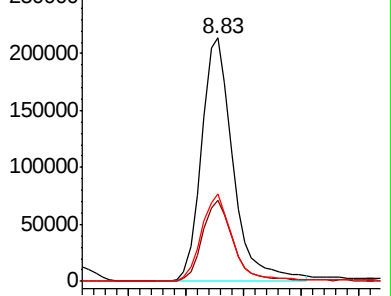
54 35.7 27.4 41.2



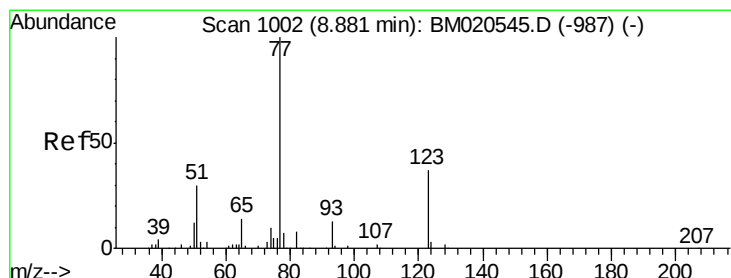
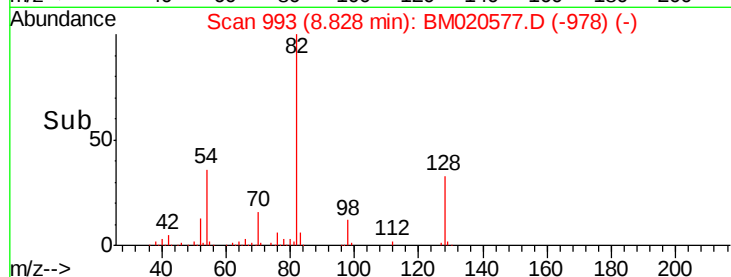
Abundance Ion 82.00 (81.70 to 82.70): BM020545.D (-986) (-)

Ion 128.00 (127.70 to 128.70): BM020545.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-986) (-)



Time-->



#24

Nitrobenzene

Concen: 44.220 ng

RT: 8.87 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

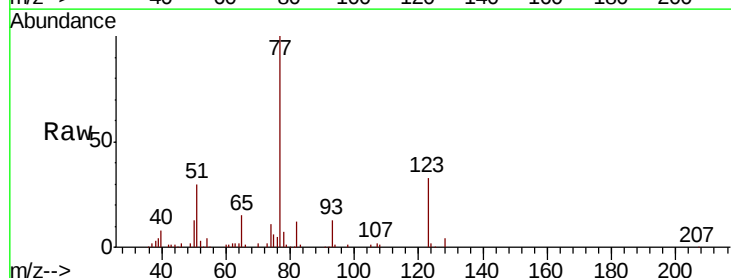
Tgt Ion: 77 Resp: 195345

Ion Ratio Lower Upper

77 100

123 33.2 29.4 44.2

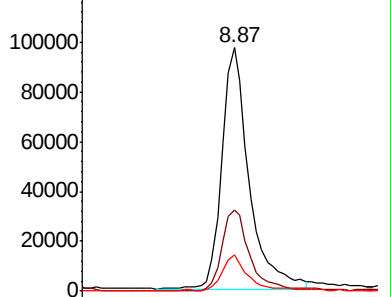
65 14.6 10.8 16.2



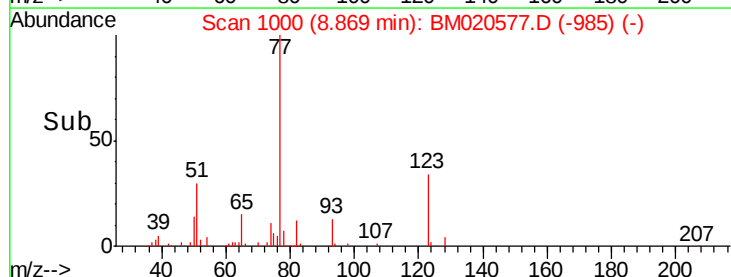
Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-987) (-)

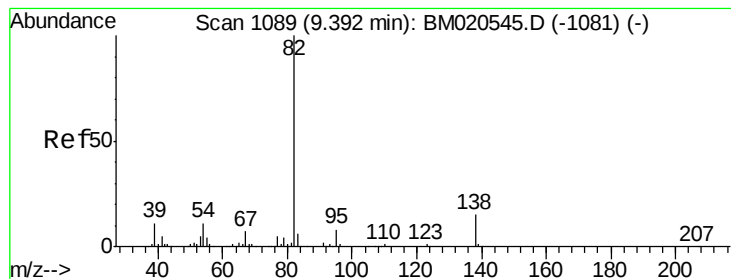
Ion 123.00 (122.70 to 123.70): BM020545.D (-987) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-987) (-)



Time-->





#25

Isophorone

Concen: 42.902 ng

RT: 9.38 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

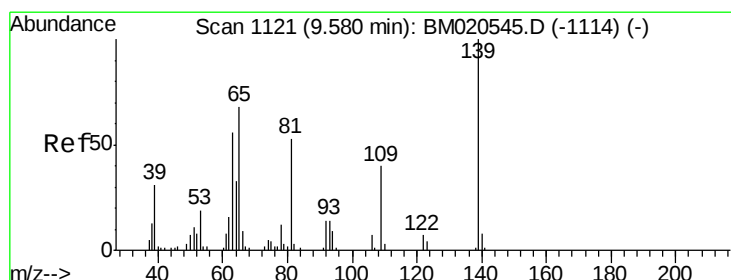
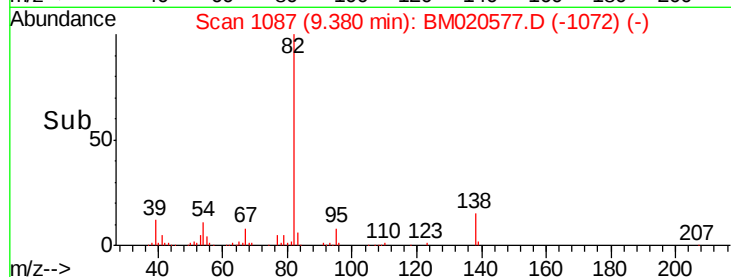
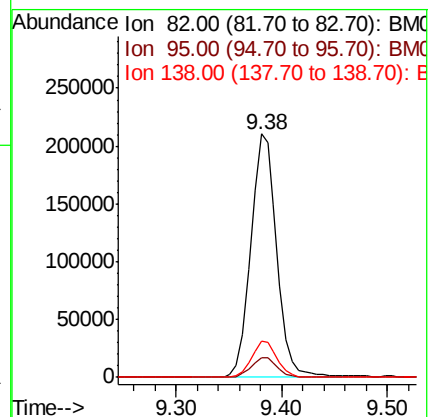
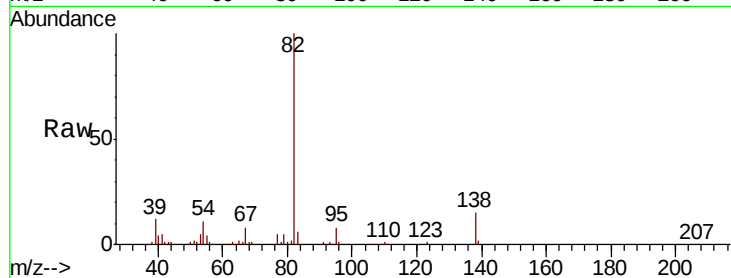
Tot Ion: 82 Resp: 357083

Ion Ratio Lower Upper

82 100

95 8.1 6.7 10.1

138 14.8 12.0 18.0



#26

2-Nitrophenol

Concen: 40.203 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

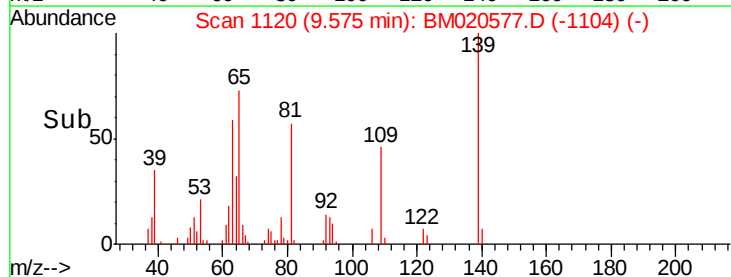
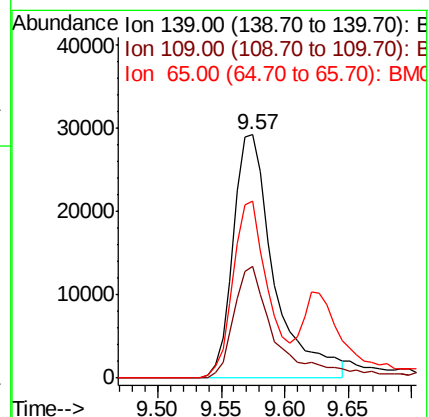
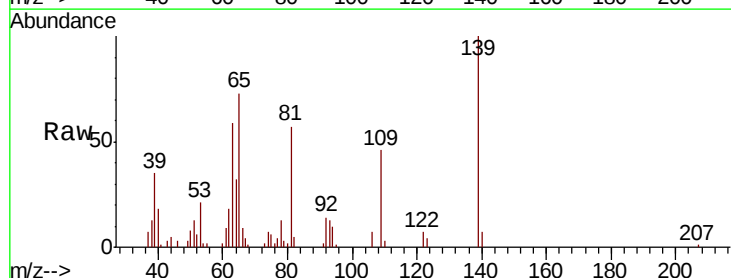
Tgt Ion: 139 Resp: 65531

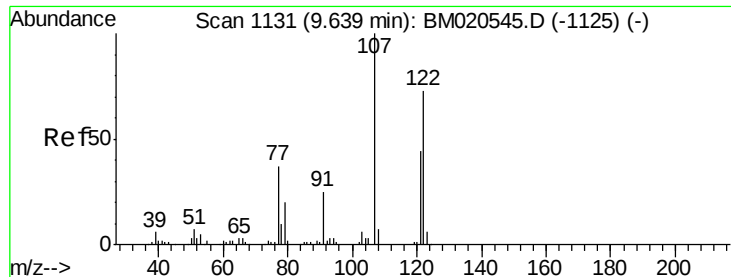
Ion Ratio Lower Upper

139 100

109 45.7 32.3 48.5

65 72.9 54.4 81.6





#27

2,4-Dimethylphenol

Concen: 44.941 ng

RT: 9.63 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

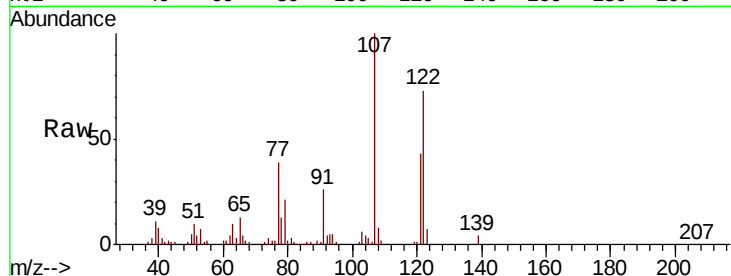
Tot Ion:122 Resp: 109124

Ion Ratio Lower Upper

122 100

107 136.3 108.2 162.2

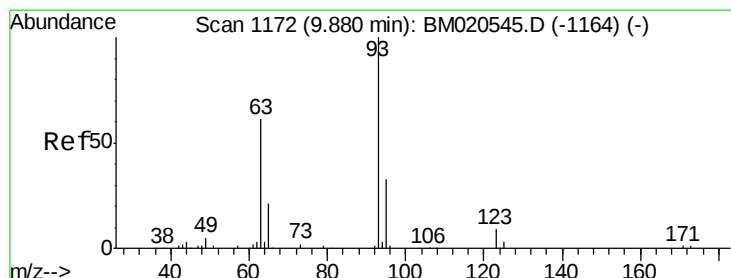
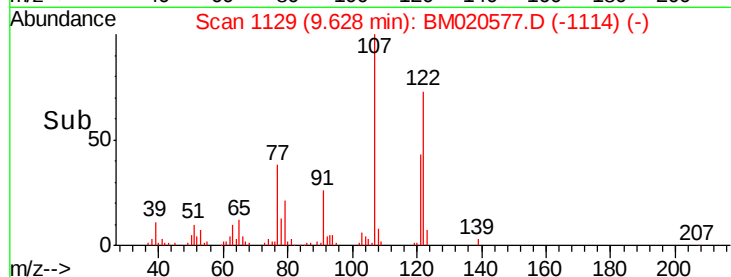
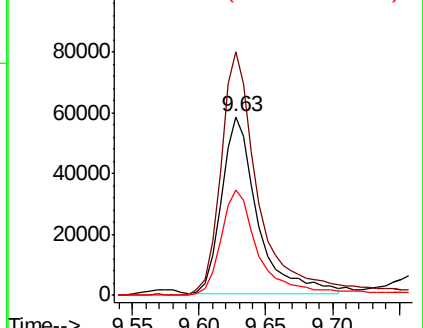
121 59.2 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.108 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

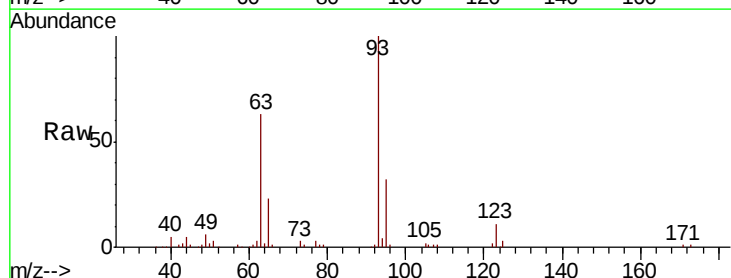
Tgt Ion: 93 Resp: 169442

Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

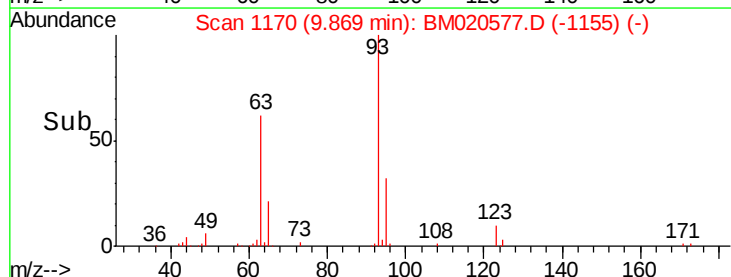
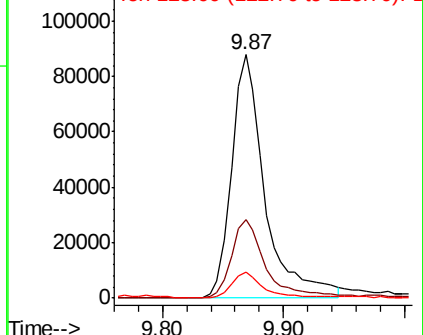
123 10.8 8.1 12.1

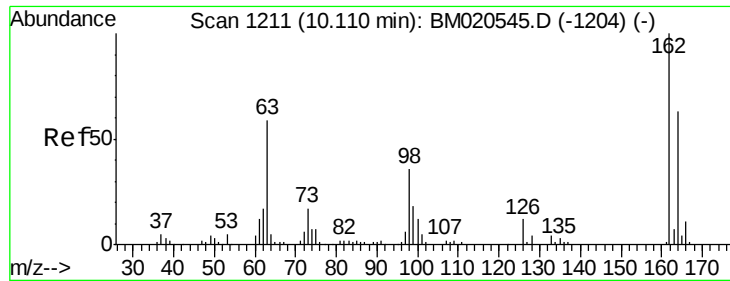


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

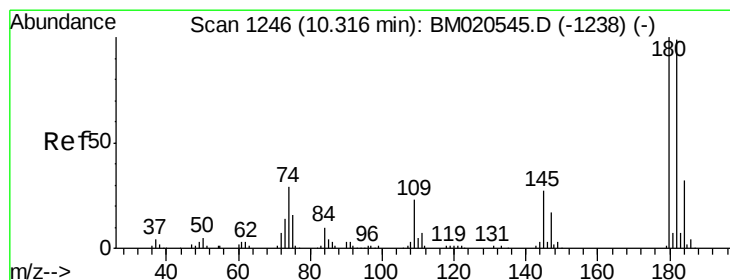
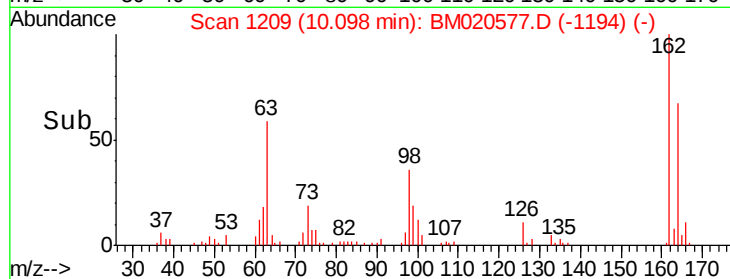
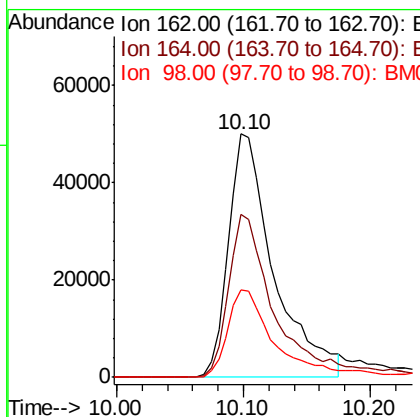
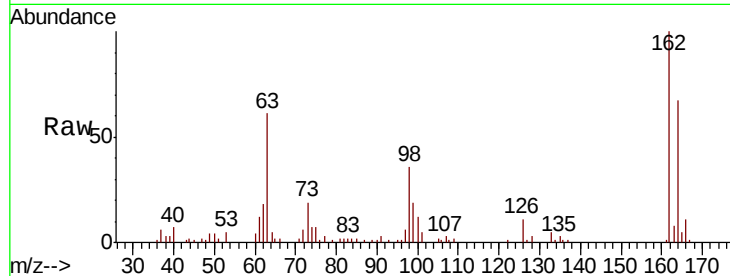




#29
 2,4-Dichlorophenol
 Concen: 38.466 ng
 RT: 10.10 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

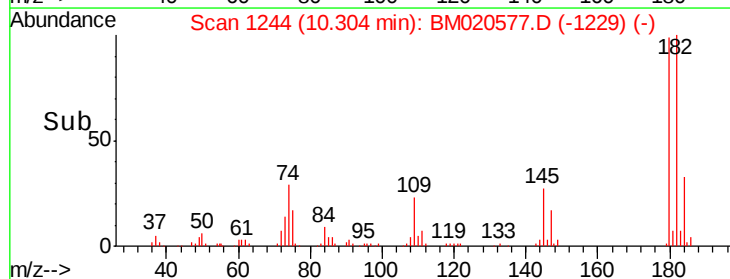
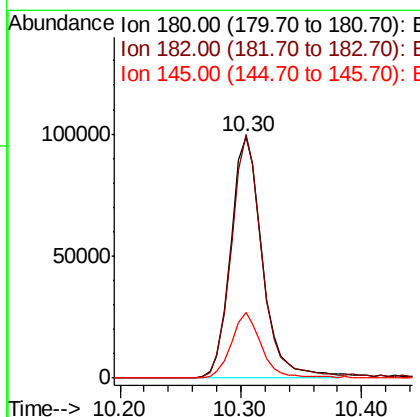
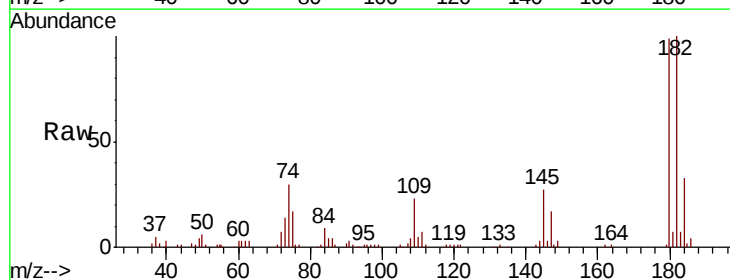
Instrument :
 BNA_M
 ClientSampleId :

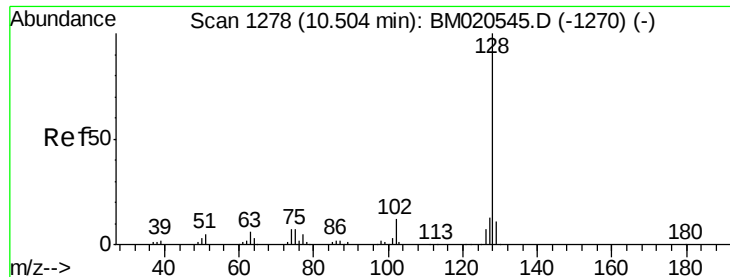
Tot Ion:162 Resp: 124224
 Ion Ratio Lower Upper
 162 100
 164 67.0 43.1 83.1
 98 35.9 16.2 56.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.942 ng
 RT: 10.30 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Tgt Ion:180 Resp: 180786
 Ion Ratio Lower Upper
 180 100
 182 100.8 78.8 118.2
 145 27.3 21.3 31.9

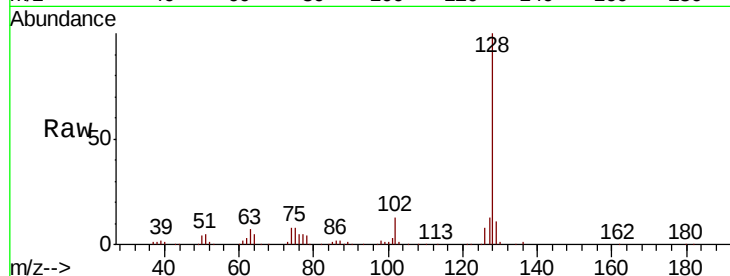




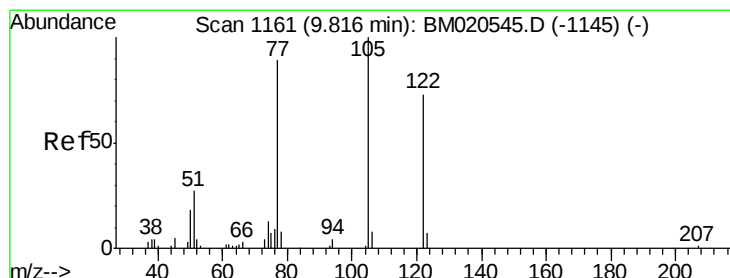
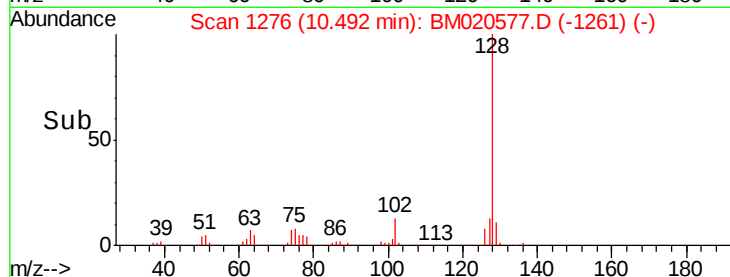
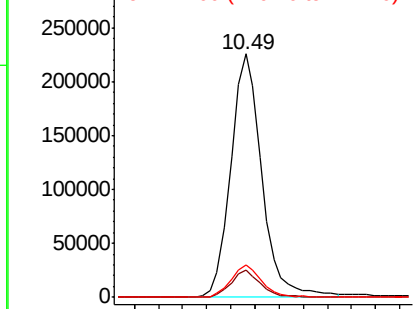
#31
Naphthalene
Concen: 41.778 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 405001
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.4 15.6

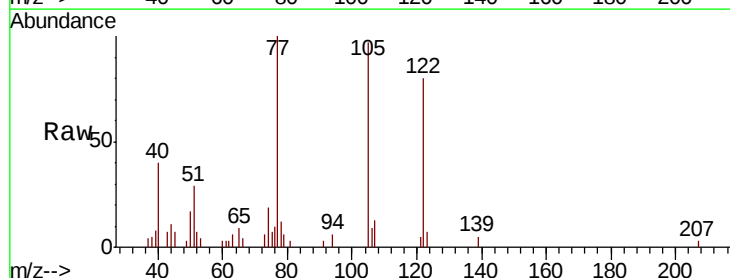


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

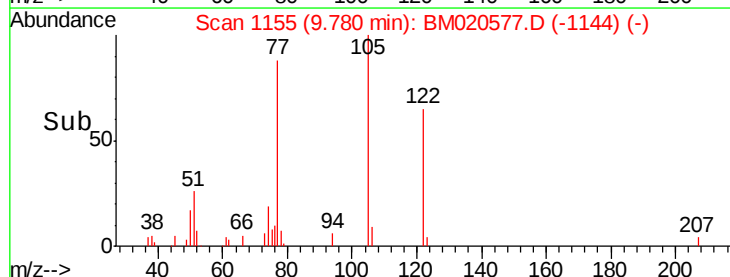
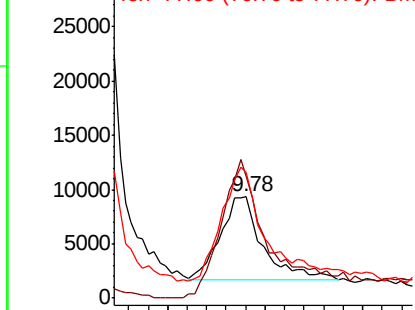


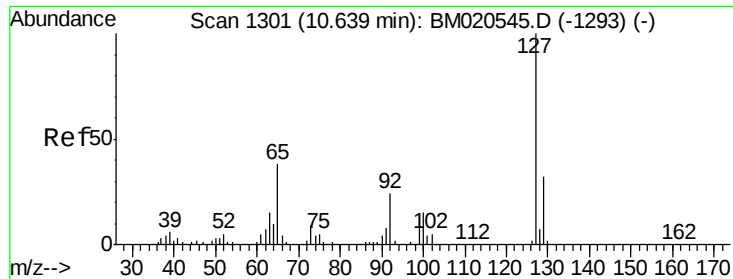
#32
Benzoic acid
Concen: 21.201 ng
RT: 9.78 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:122 Resp: 22839
Ion Ratio Lower Upper
122 100
105 120.7 108.8 148.8
77 124.6 97.8 137.8



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): BM

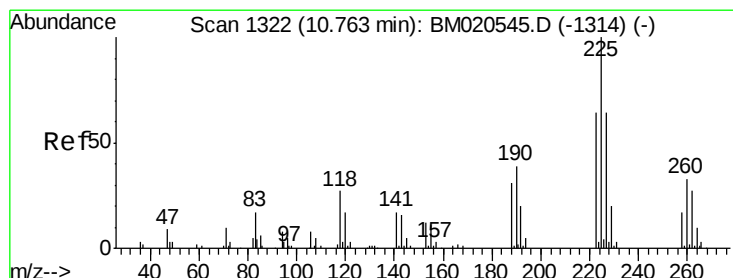
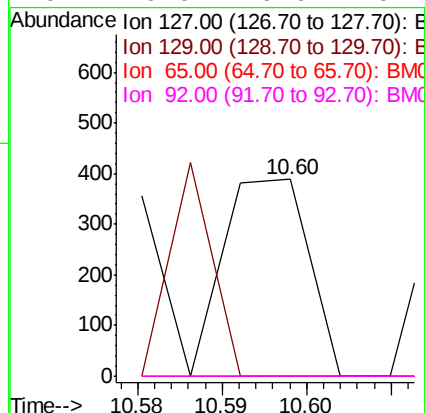
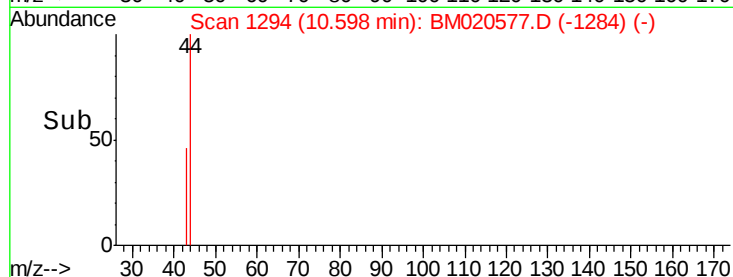
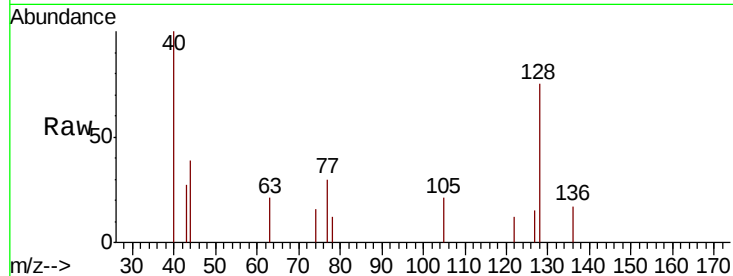




#33
4-Chloroaniline
Concen: 0.070 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

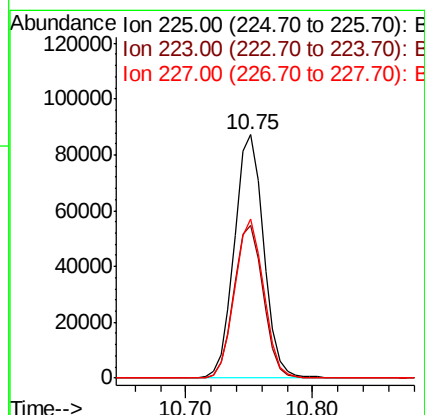
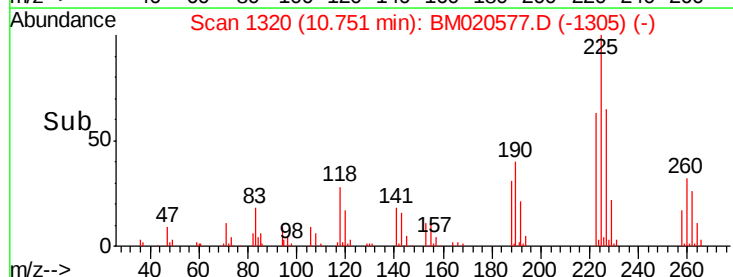
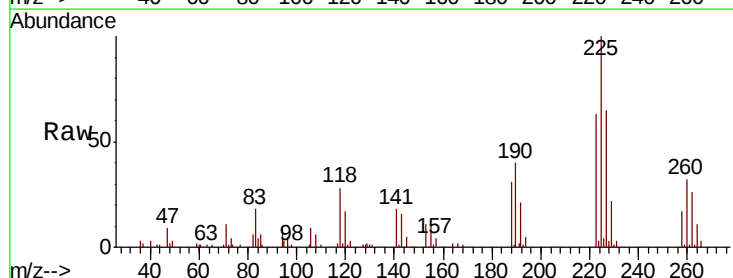
Instrument :
BNA_M
ClientSampleId :

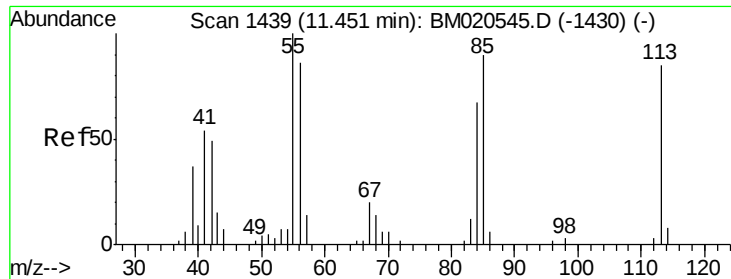
Tot Ion:	127	Resp:	272
Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.4	38.2#
65	0.0	30.6	45.8#
92	0.0	19.6	29.4#



#34
Hexachlorobutadiene
Concen: 42.315 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:	225	Resp:	138921
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.4	77.0
227	65.3	51.0	76.6

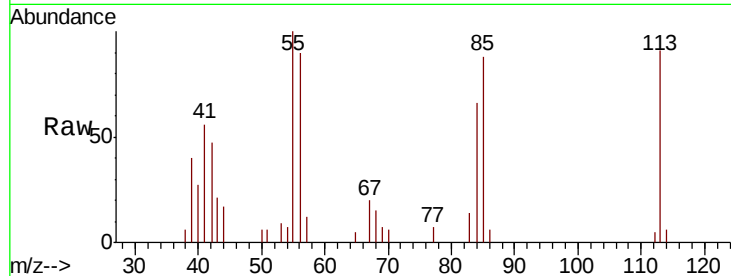




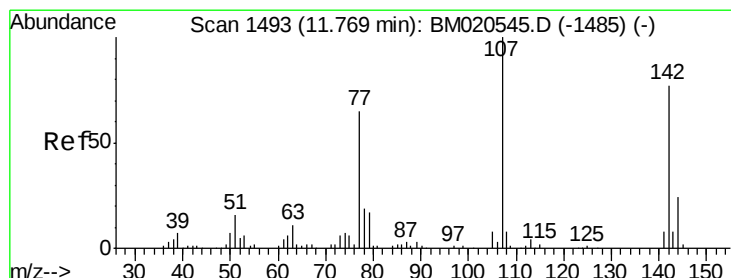
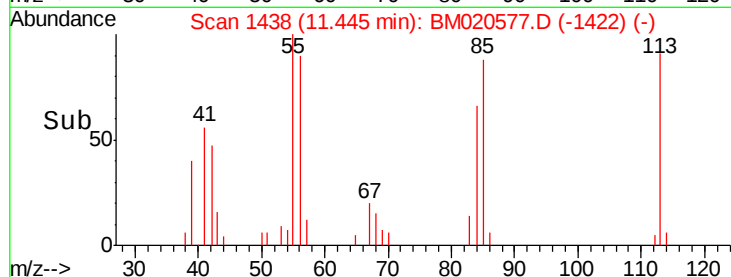
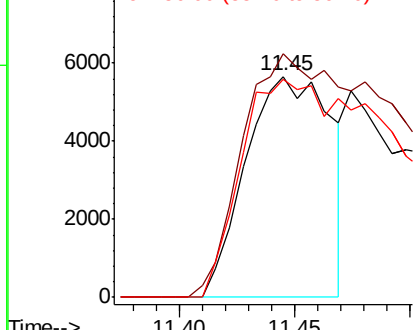
#35
Caprolactam
Concen: 13.638 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:113 Resp: 14496
Ion Ratio Lower Upper
113 100
55 110.1 97.6 137.6
56 98.6 81.6 121.6

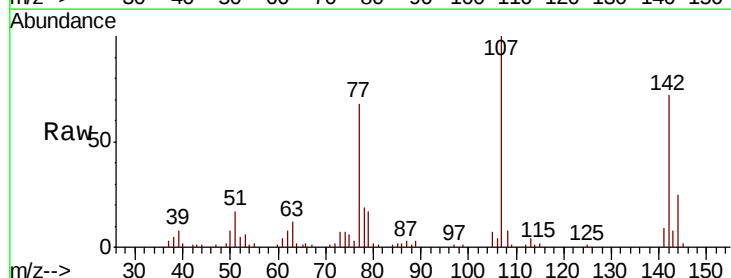


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

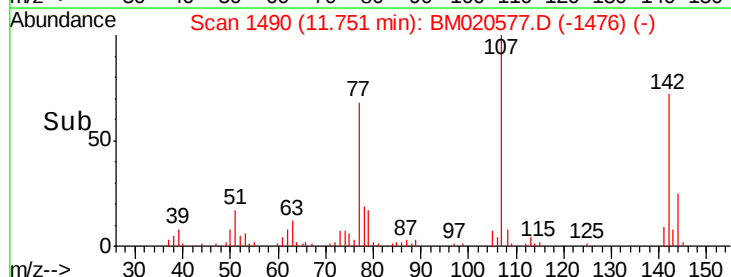
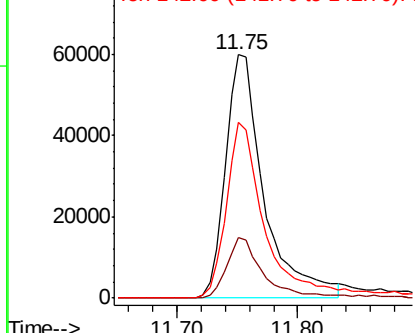


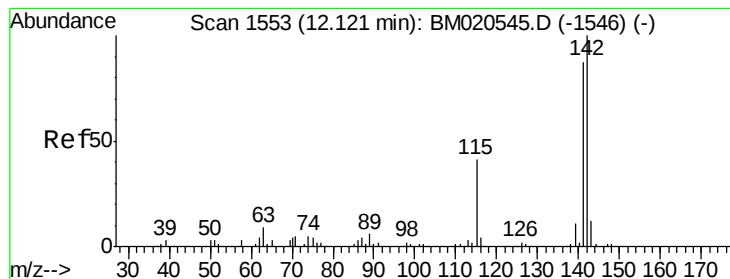
#36
4-Chloro-3-methylphenol
Concen: 37.822 ng
RT: 11.75 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:107 Resp: 132920
Ion Ratio Lower Upper
107 100
144 25.1 19.0 28.6
142 72.4 61.3 91.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.331 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

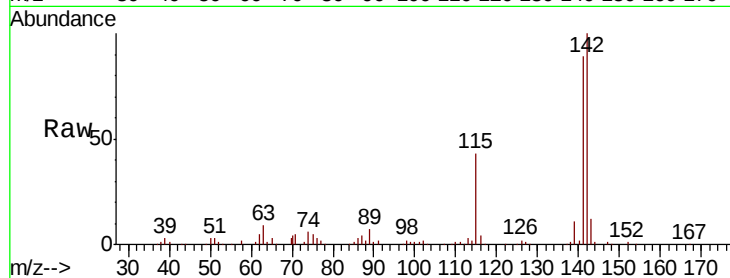
Tot Ion:142 Resp: 298689

Ion Ratio Lower Upper

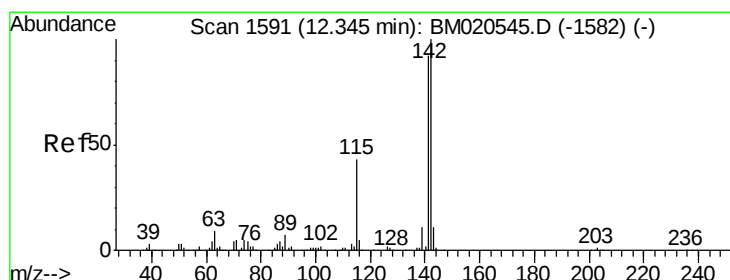
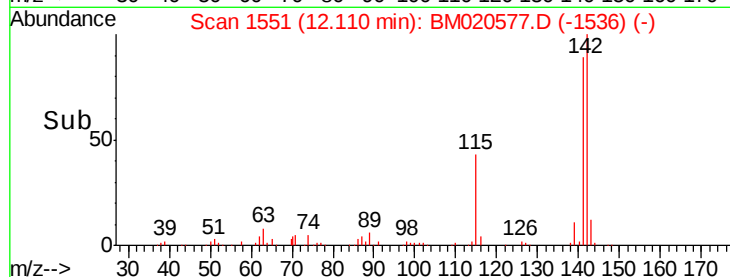
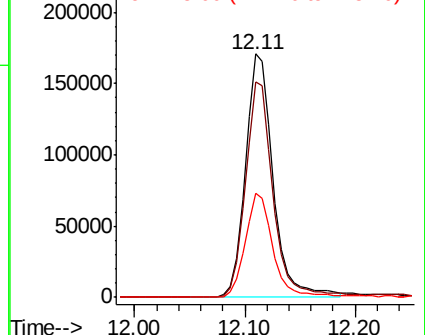
142 100

141 88.6 69.9 104.9

115 43.0 32.9 49.3



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: 40.915 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

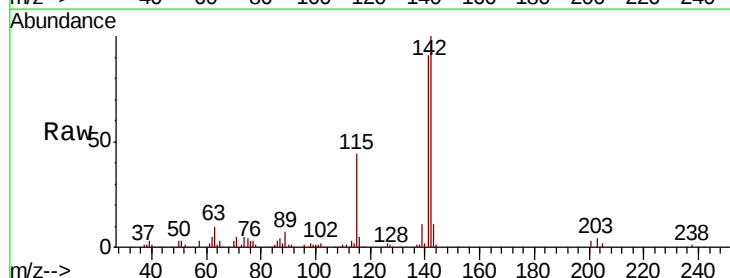
Tgt Ion:142 Resp: 293591

Ion Ratio Lower Upper

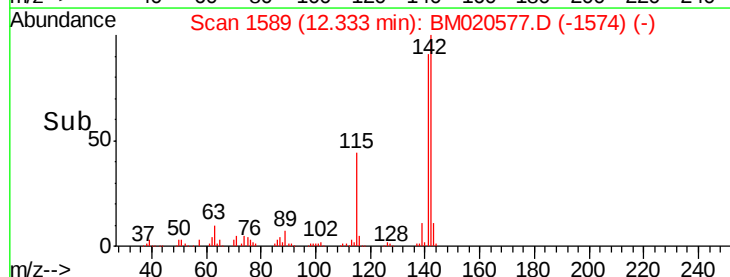
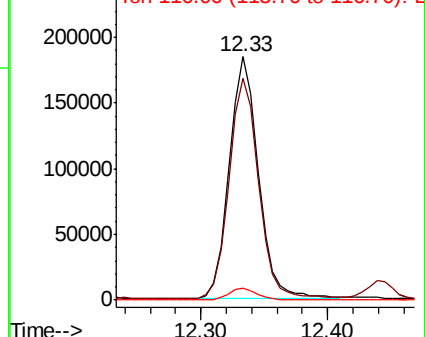
142 100

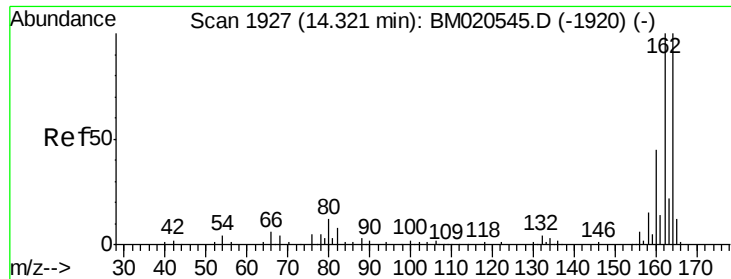
141 90.9 73.7 110.5

116 4.9 3.7 5.5



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

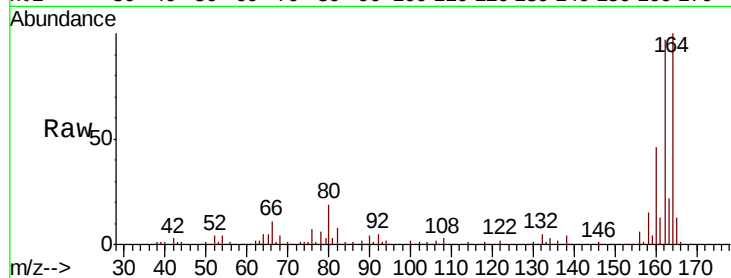




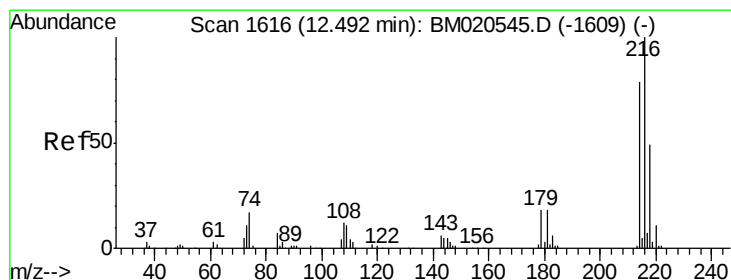
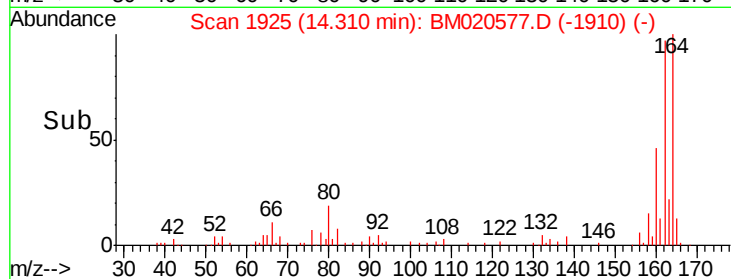
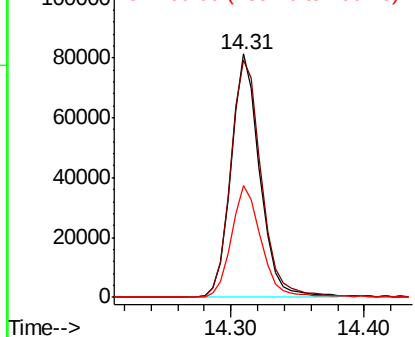
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:164 Resp: 122124
Ion Ratio Lower Upper
164 100
162 97.5 79.8 119.8
160 45.7 35.9 53.9

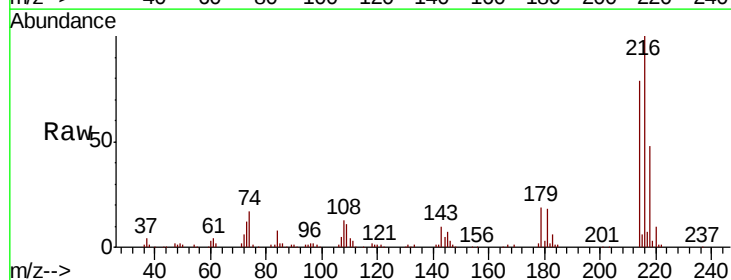


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

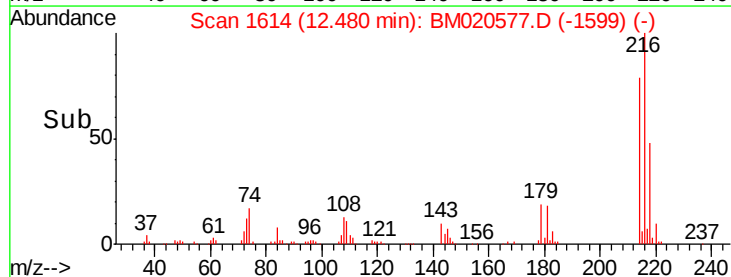
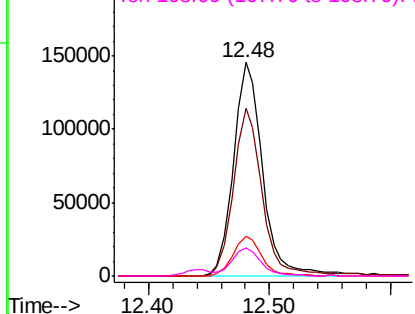


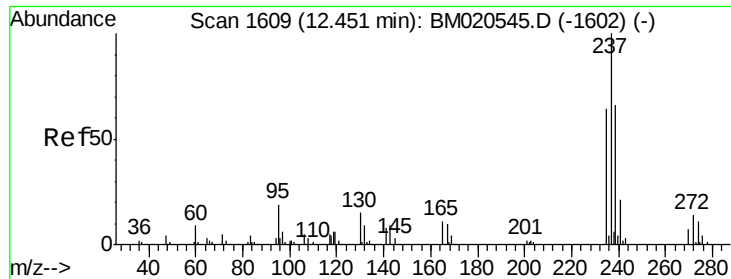
#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.539 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:216 Resp: 244056
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.6
179 18.5 14.8 22.2
108 12.5 10.5 15.7



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: 85.530 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

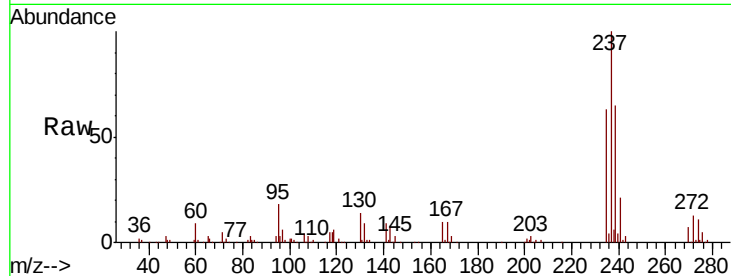
Tot Ion:237 Resp: 216879

Ion Ratio Lower Upper

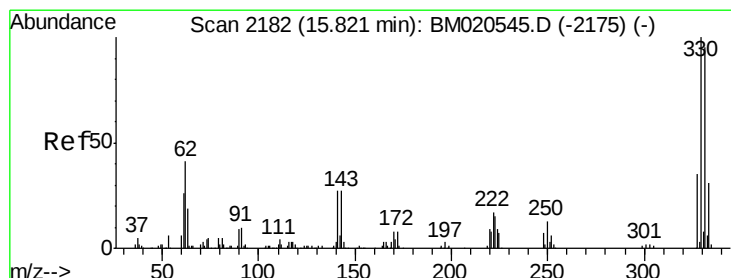
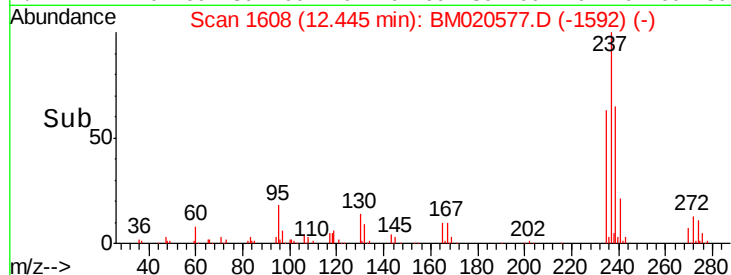
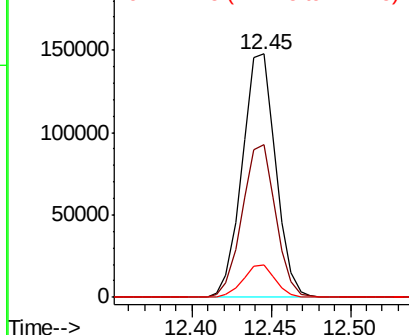
237 100

235 62.7 43.5 83.5

272 13.1 0.0 33.9



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: 133.569 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

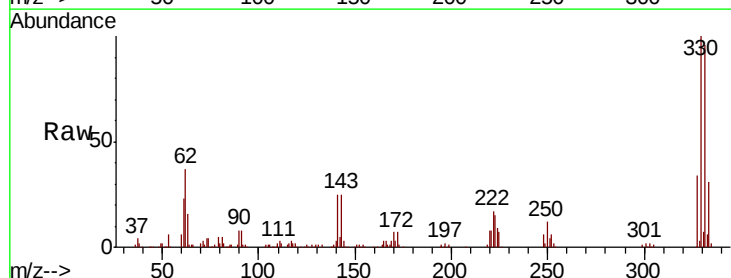
Tgt Ion:330 Resp: 326806

Ion Ratio Lower Upper

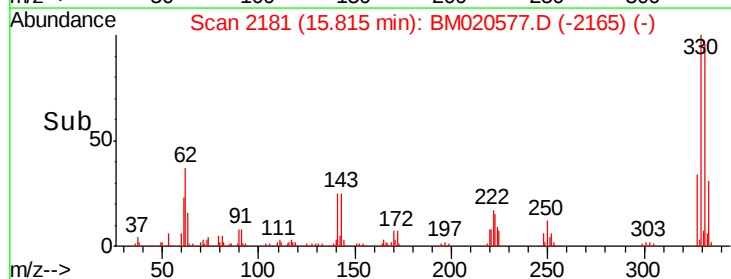
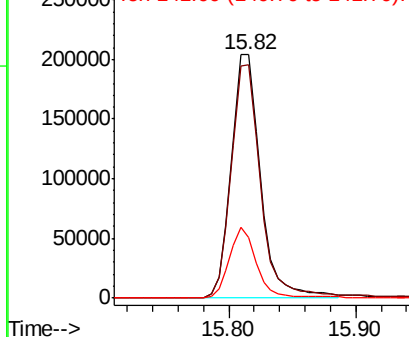
330 100

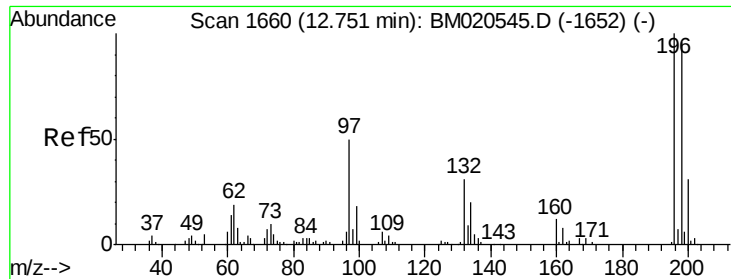
332 95.8 77.5 116.3

141 27.4 21.7 32.5



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

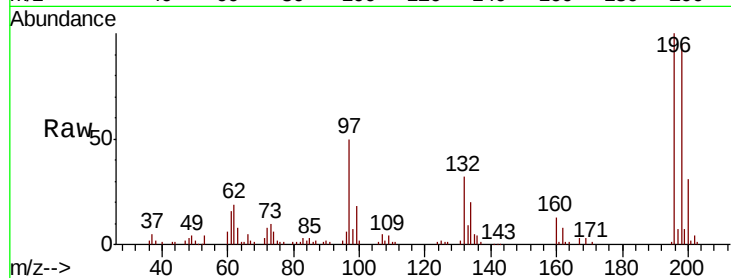




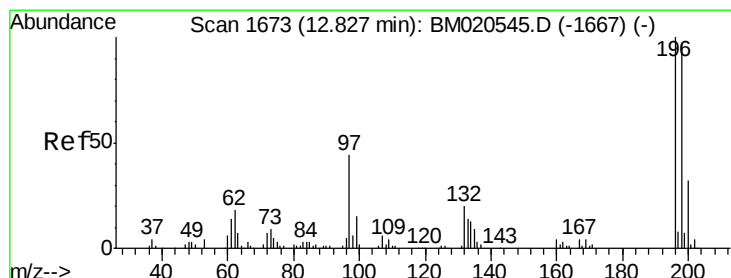
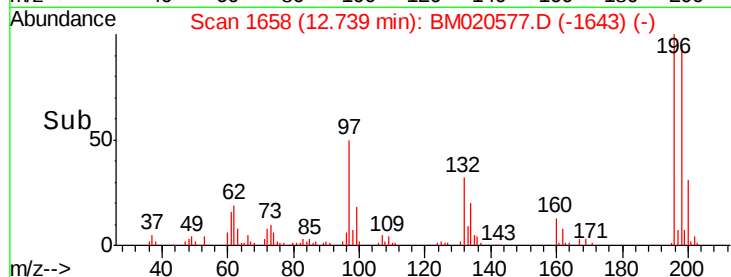
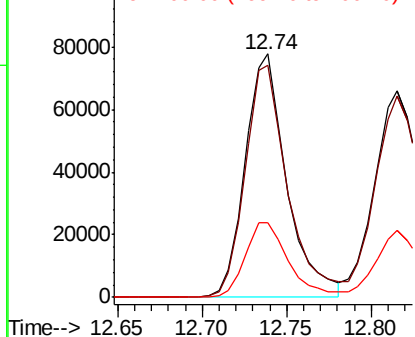
#43
 2,4,6-Trichlorophenol
 Concen: 41.738 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 132603
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.4 114.6
 200 30.7 25.0 37.4

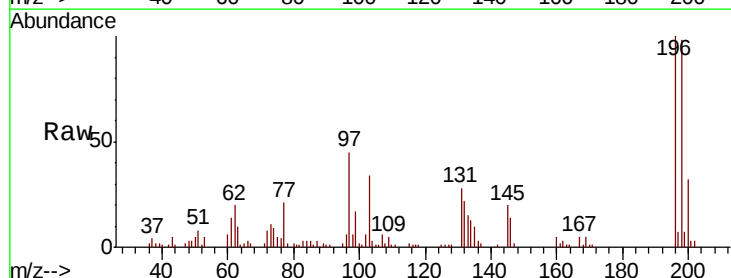


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

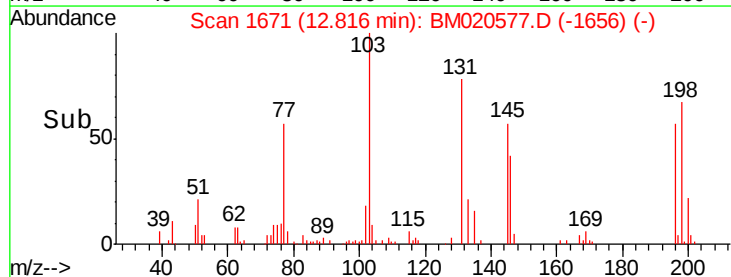
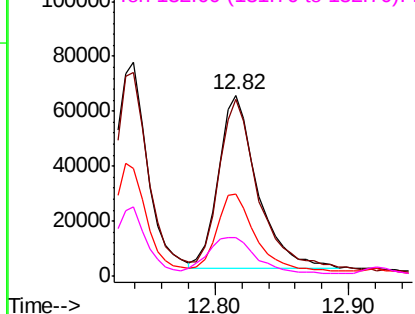


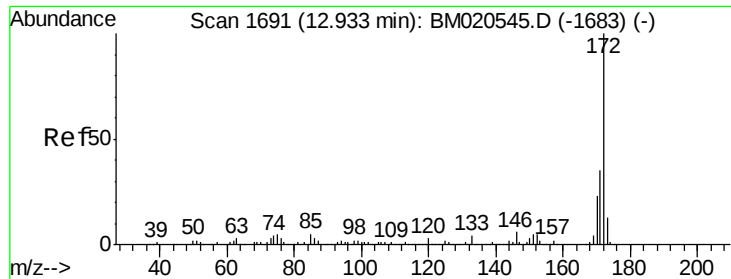
#44
 2,4,5-Trichlorophenol
 Concen: 43.442 ng
 RT: 12.82 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Tgt Ion:196 Resp: 128884
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.6 116.4
 97 45.5 35.4 53.0
 132 21.5 16.4 24.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

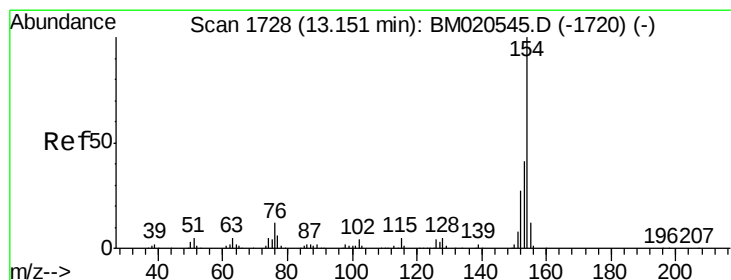
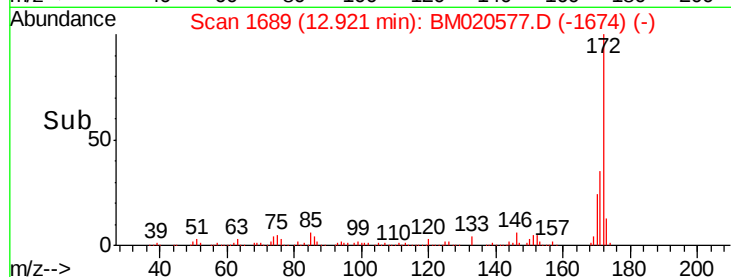
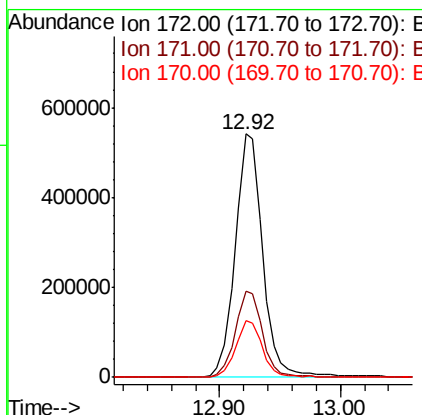
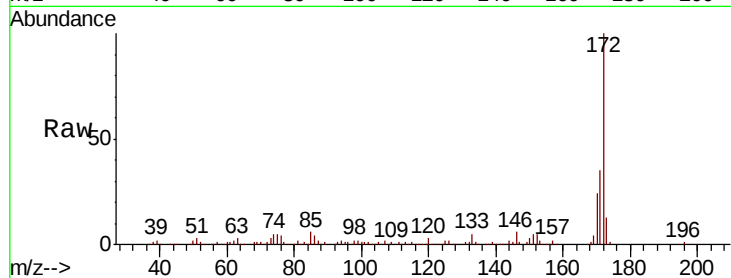




#45
2-Fluorobiphenyl
Concen: 88.358 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

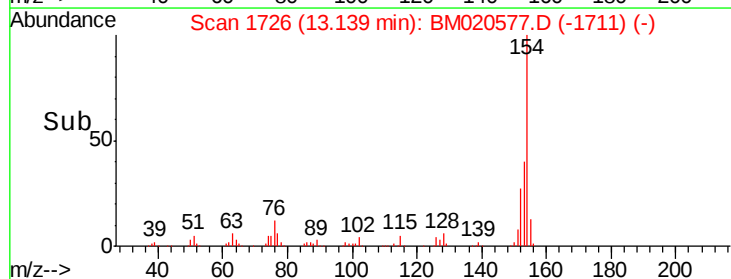
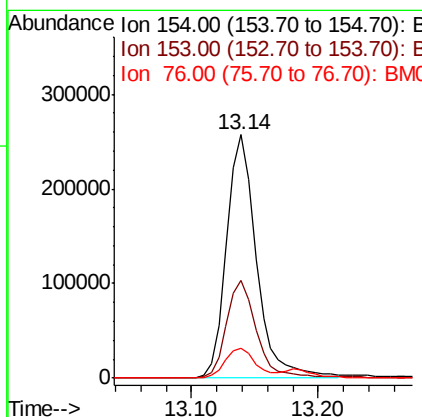
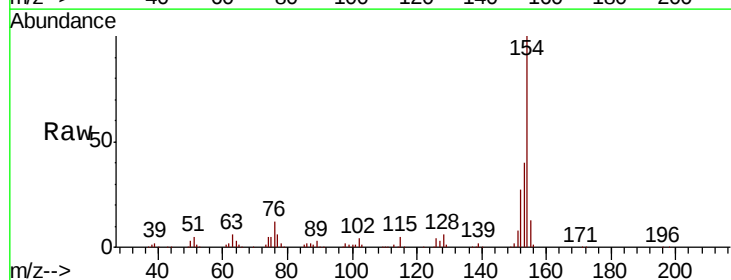
Instrument :
BNA_M
ClientSampleId :

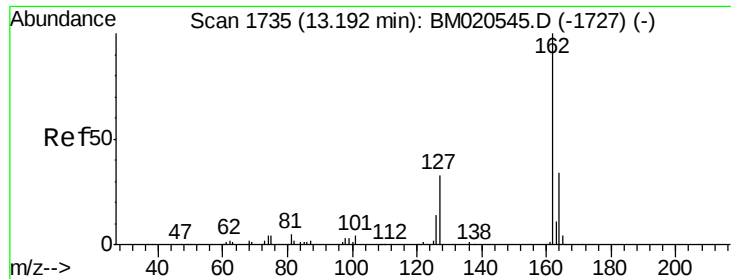
Tot Ion:172 Resp: 859947
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.6 18.2 27.4



#46
1,1'-Biphenyl
Concen: 44.785 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:154 Resp: 421228
Ion Ratio Lower Upper
154 100
153 40.0 20.6 60.6
76 12.4 0.0 32.2

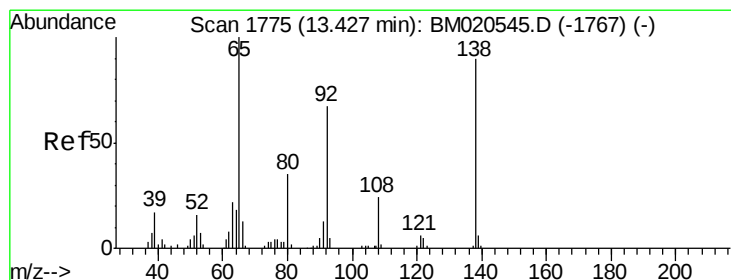
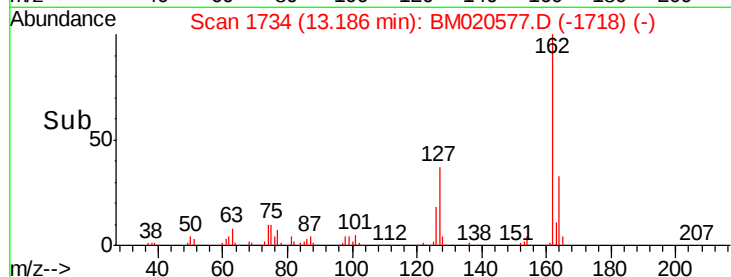
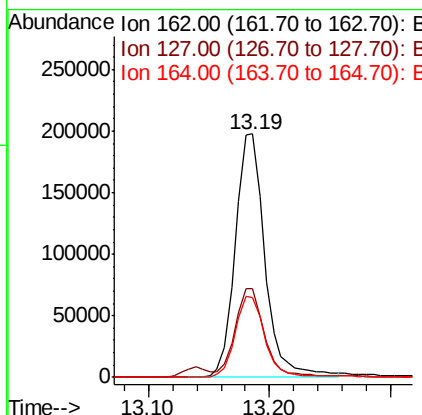
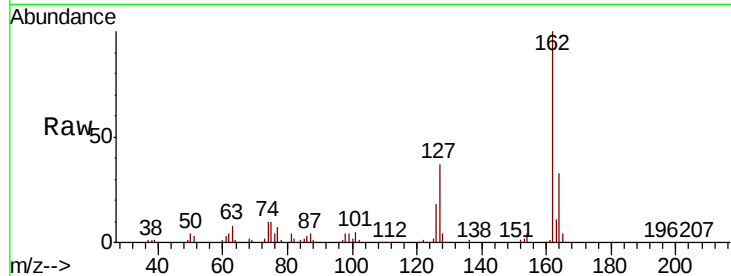




#47
2-Chloronaphthalene
Concen: 42.724 ng
RT: 13.19 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

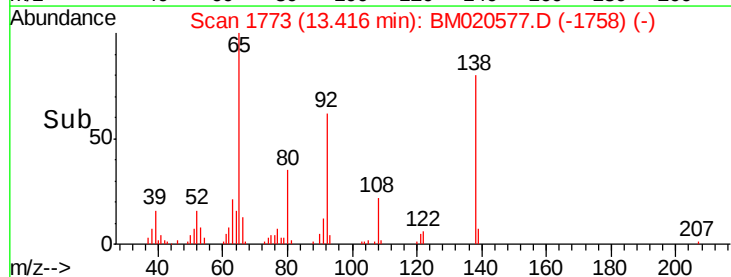
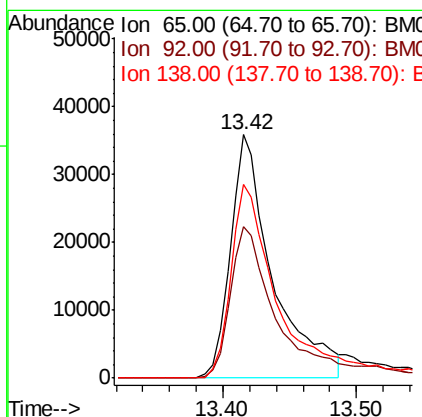
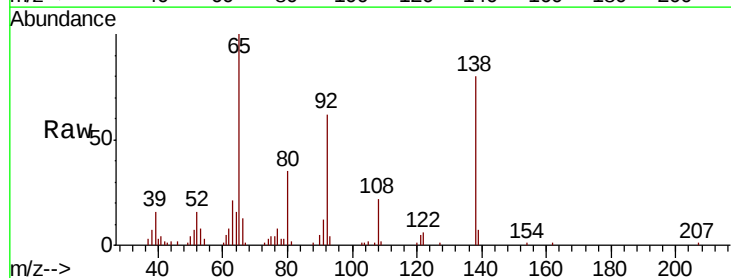
Instrument :
BNA_M
ClientSampleId :

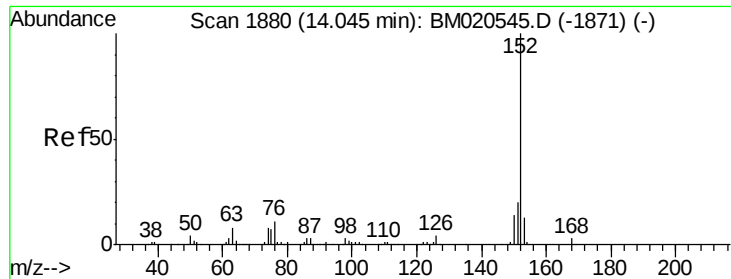
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	29.2	43.8
164	32.7	27.4	41.2



#48
2-Nitroaniline
Concen: 33.471 ng
RT: 13.42 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.1	53.6	80.4
138	79.7	72.0	108.0





#49

Acenaphthylene

Concen: 43.037 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

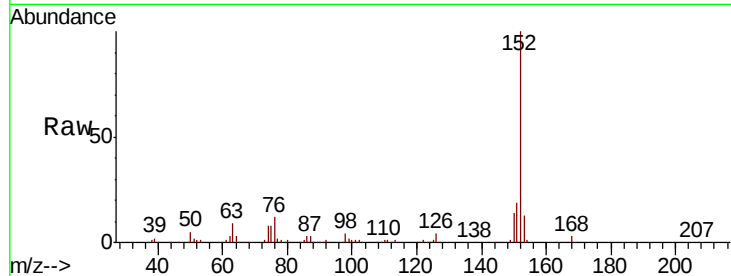
Tot Ion:152 Resp: 521830

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

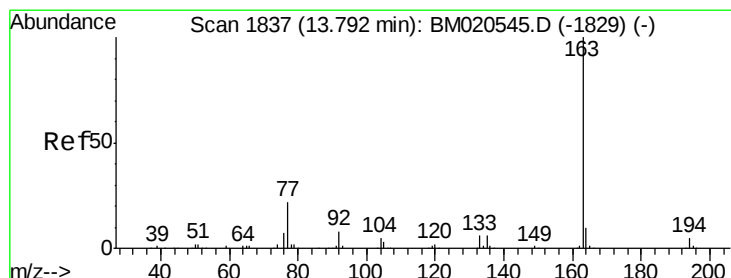
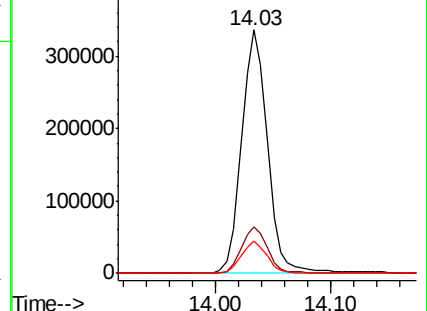
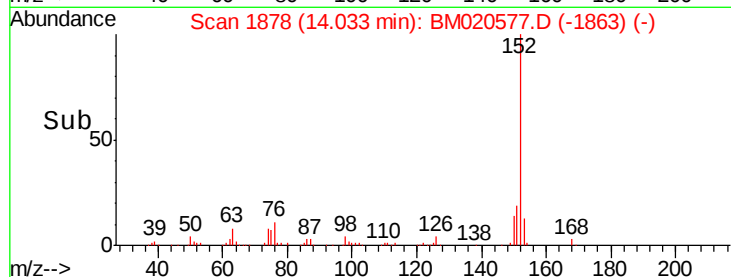
153 13.3 10.2 15.2



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: 41.498 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

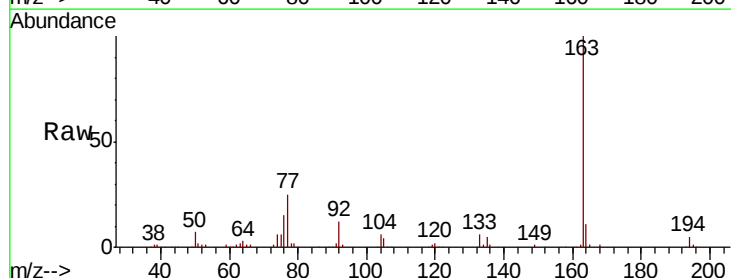
Tgt Ion:163 Resp: 448888

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

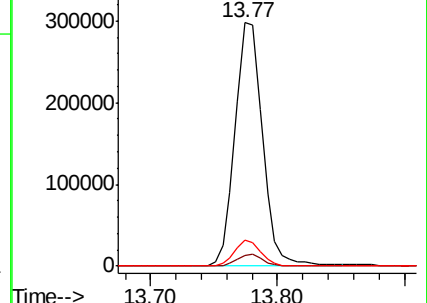
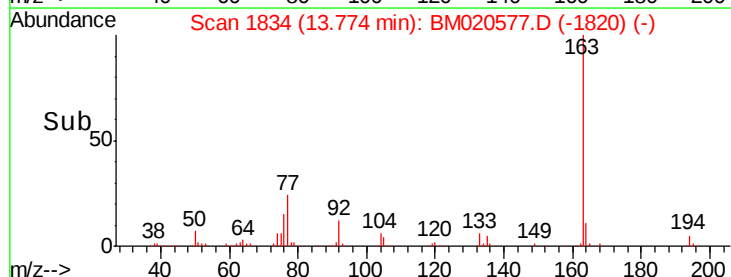
164 10.7 8.0 12.0

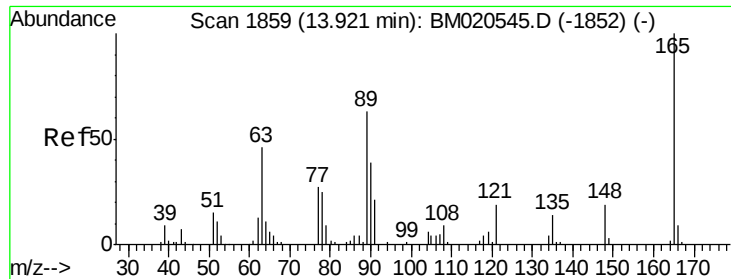


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

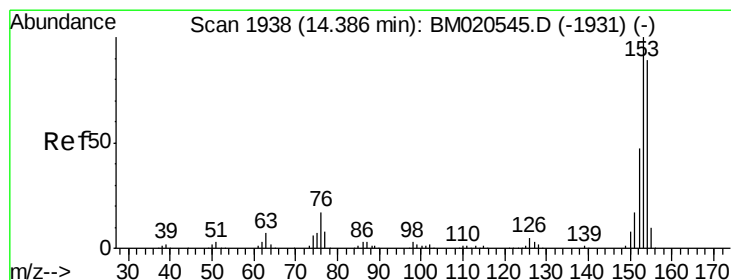
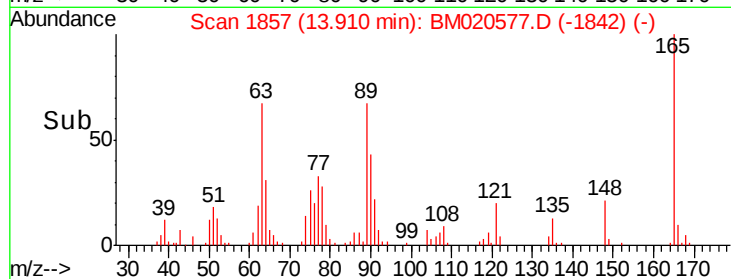
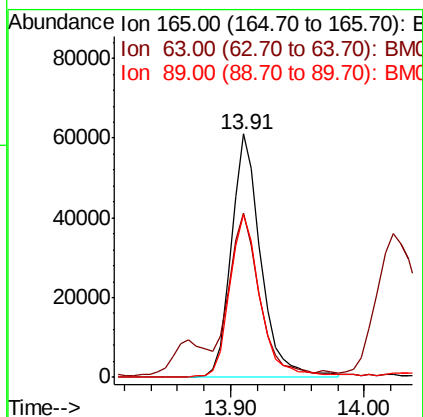
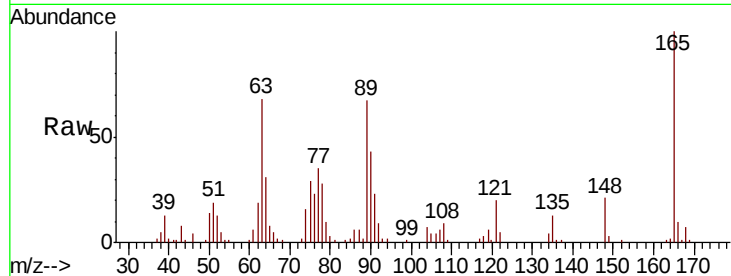




#51
 2,6-Dinitrotoluene
 Concen: 41.885 ng
 RT: 13.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

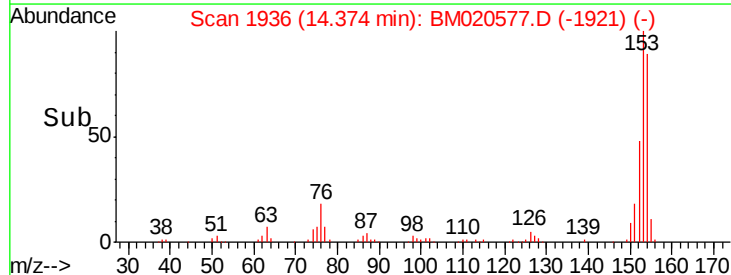
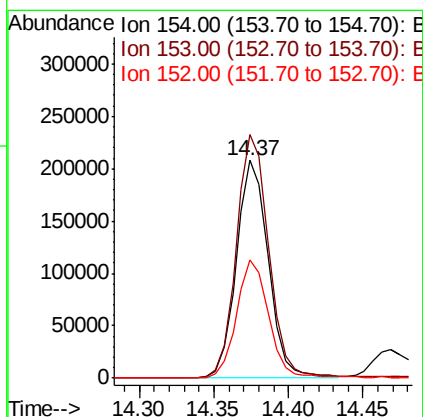
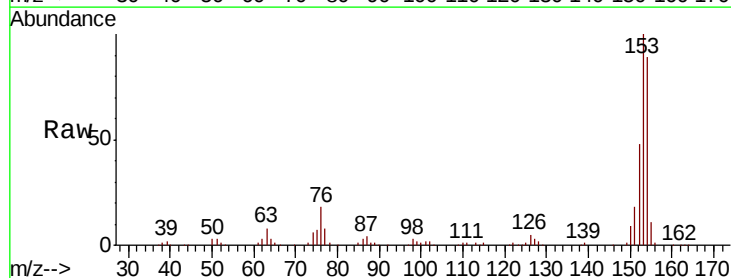
Instrument :
 BNA_M
 ClientSampled :

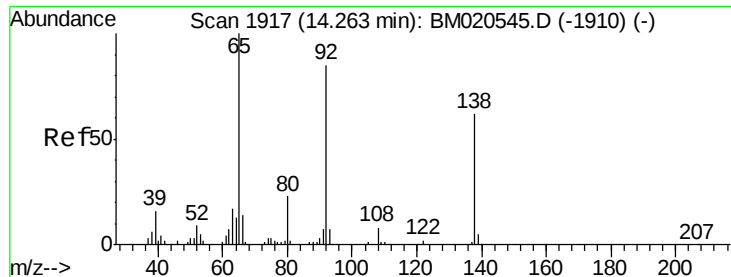
Tot Ion:165 Resp: 94432
 Ion Ratio Lower Upper
 165 100
 63 67.6 49.6 74.4
 89 67.0 50.8 76.2



#52
 Acenaphthene
 Concen: 42.439 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Tgt Ion:154 Resp: 310097
 Ion Ratio Lower Upper
 154 100
 153 112.0 90.2 135.4
 152 54.1 42.0 63.0





#53

3-Nitroaniline

Concen: 15.349 ng

RT: 14.27 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

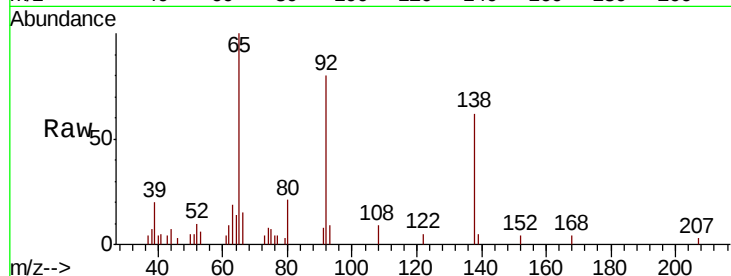
Tot Ion:138 Resp: 22223

Ion Ratio Lower Upper

138 100

108 13.8 10.1 15.1

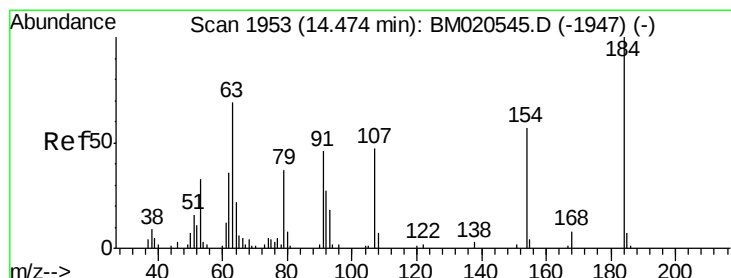
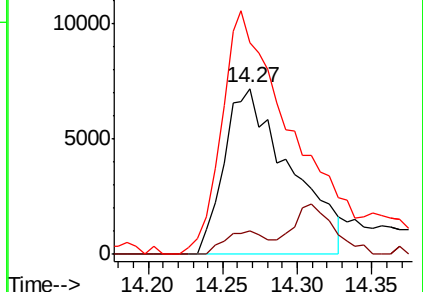
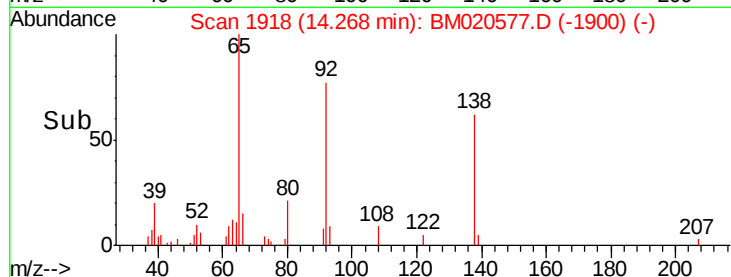
92 127.7 109.5 164.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 65.402 ng

RT: 14.47 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

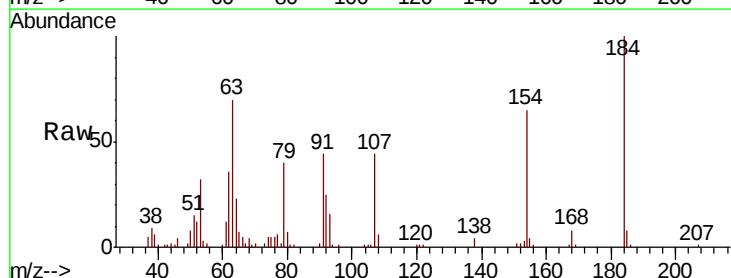
Tgt Ion:184 Resp: 92640

Ion Ratio Lower Upper

184 100

63 70.0 56.3 84.5

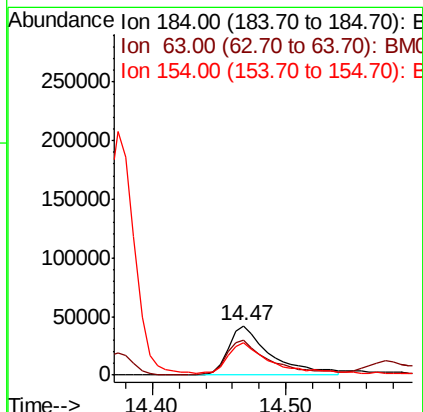
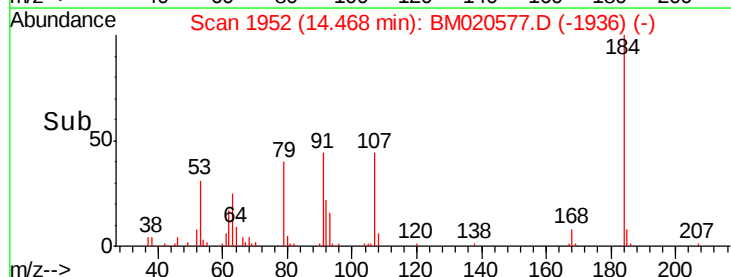
154 64.6 49.0 73.6

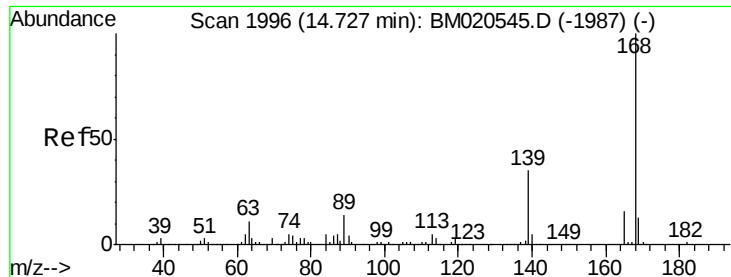


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

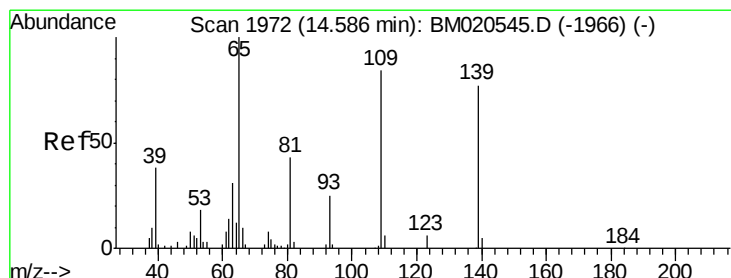
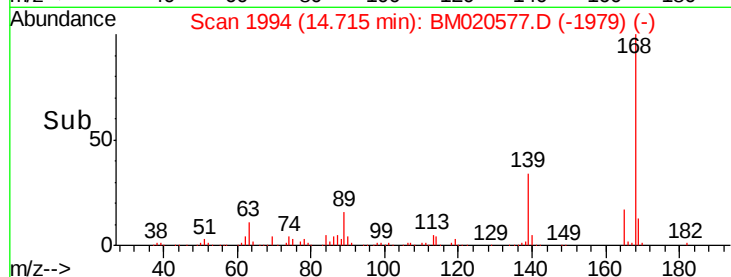
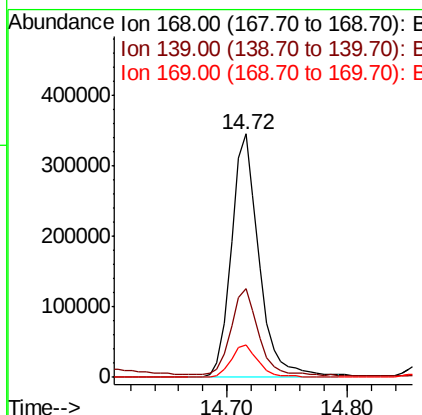
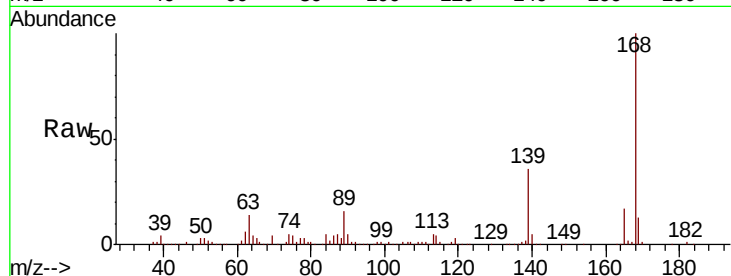




#55
Dibenzenofuran
Concen: 43.717 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

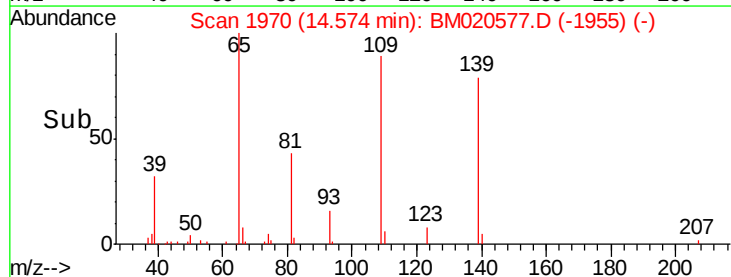
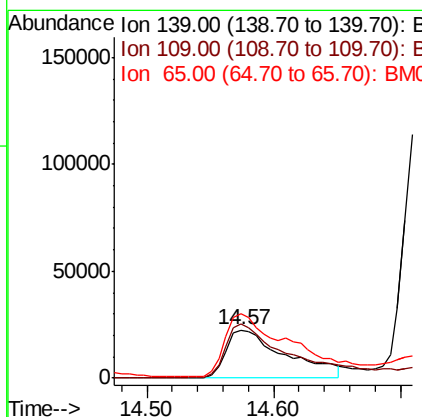
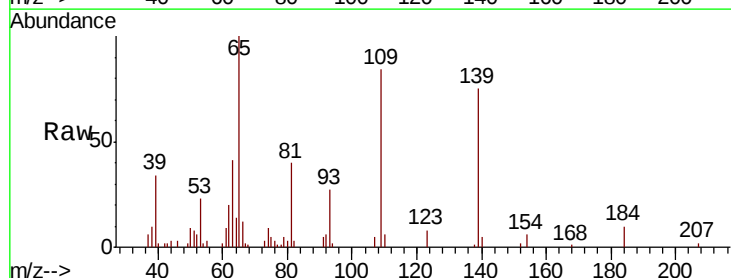
Instrument :
BNA_M
ClientSampled :

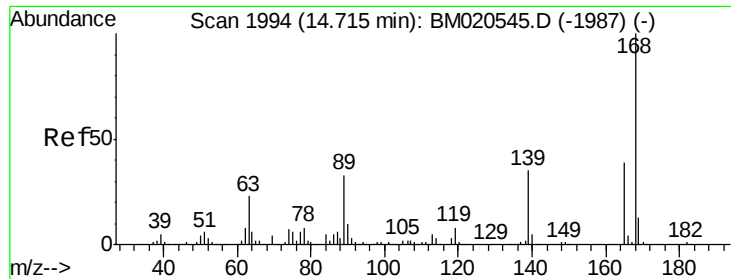
Tot Ion:168 Resp: 552774
Ion Ratio Lower Upper
168 100
139 36.3 28.2 42.4
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 52.895 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:139 Resp: 73836
Ion Ratio Lower Upper
139 100
109 111.9 89.4 129.4
65 133.4 113.3 153.3





#57

2,4-Dinitrotoluene

Concen: 39.609 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampled :

Tot Ion:165 Resp: 128956

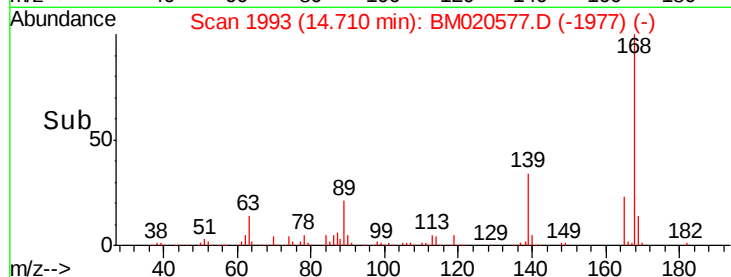
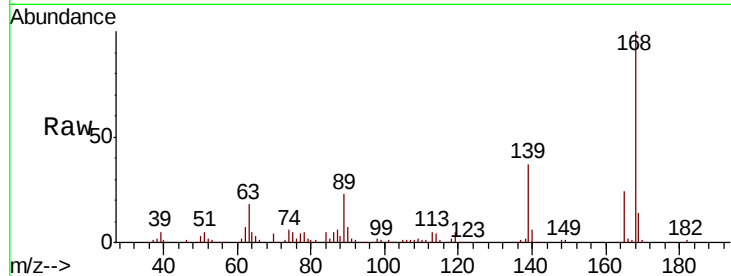
Ion Ratio Lower Upper

165 100

63 76.3 48.7 73.1#

89 95.2 68.8 103.2

182 3.3 2.6 4.0

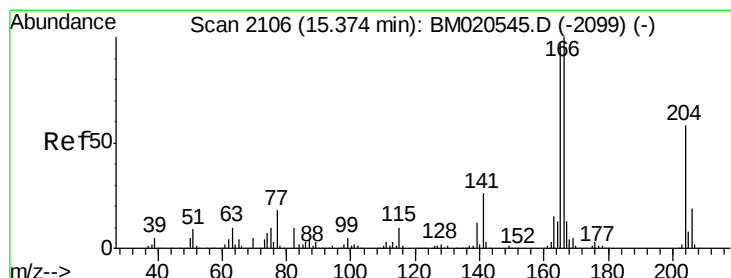
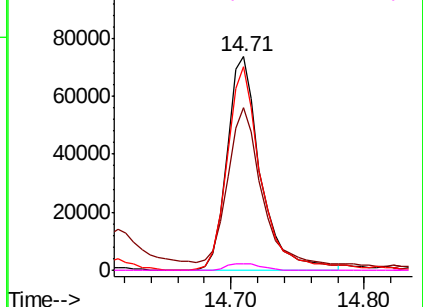


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.510 ng

RT: 15.37 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

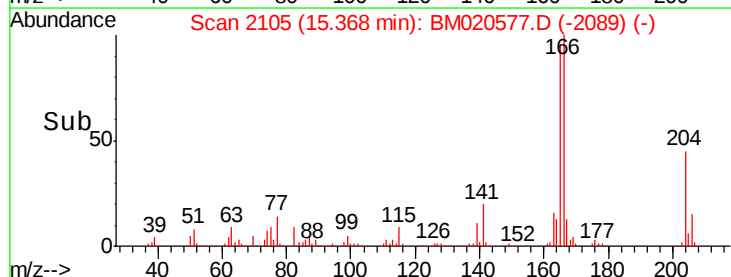
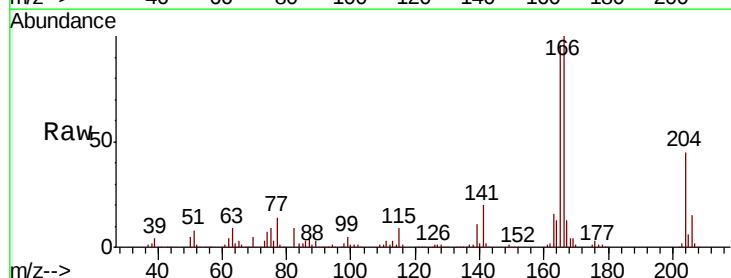
Tgt Ion:166 Resp: 435999

Ion Ratio Lower Upper

166 100

165 96.4 77.4 116.0

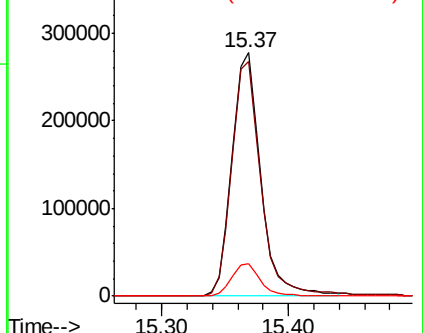
167 13.2 10.6 16.0

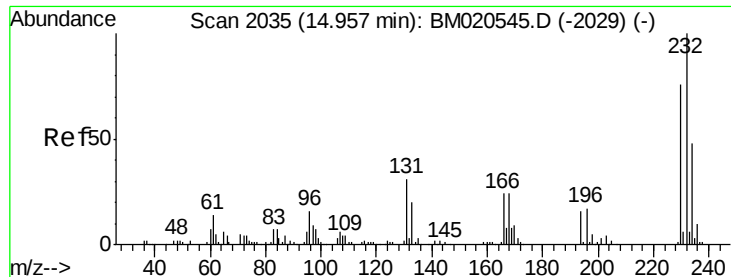


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

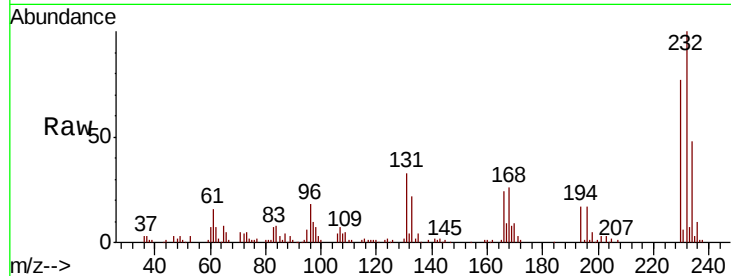




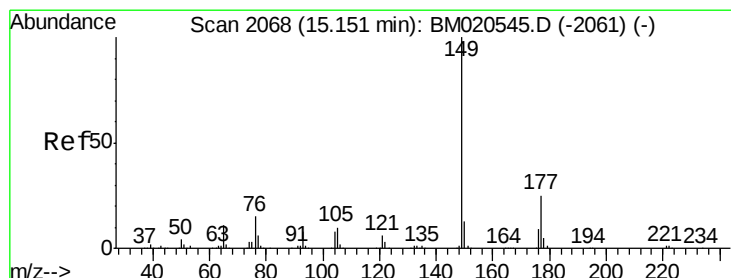
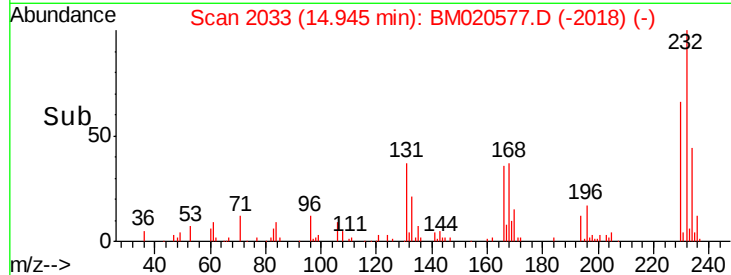
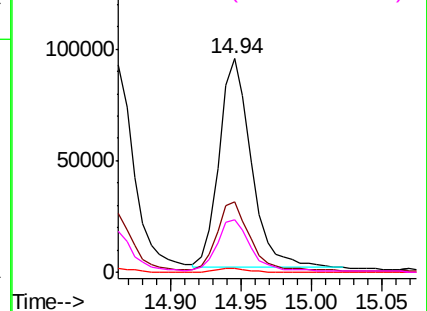
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.957 ng
 RT: 14.94 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.2	25.4	38.0
130	1.9	1.5	2.3
166	24.8	19.7	29.5

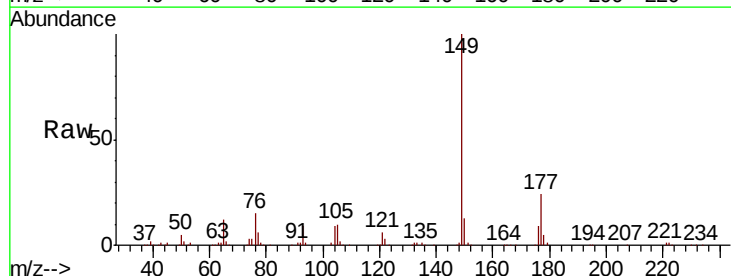


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

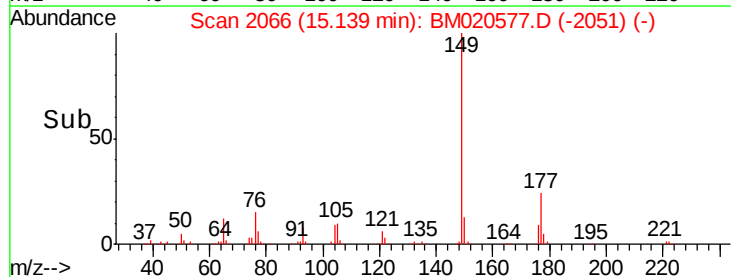
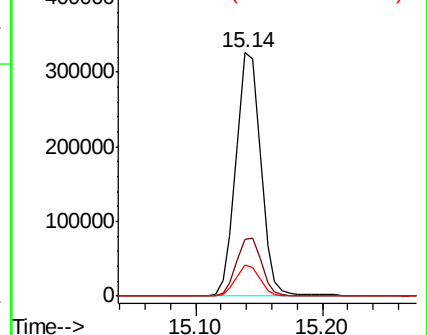


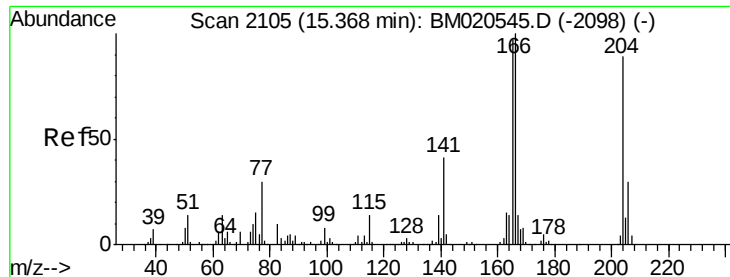
#60
 Diethylphthalate
 Concen: 41.545 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.8	29.8
150	12.8	10.2	15.2



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





#61

4-Chlorophenyl-phenylether

Concen: 42.339 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampled :

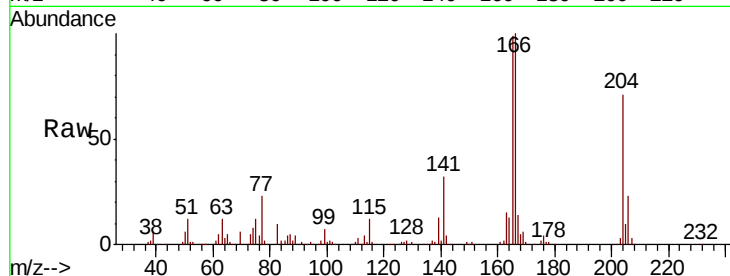
Tot Ion:204 Resp: 283909

Ion Ratio Lower Upper

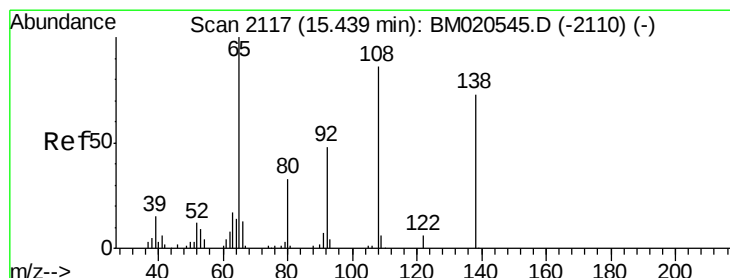
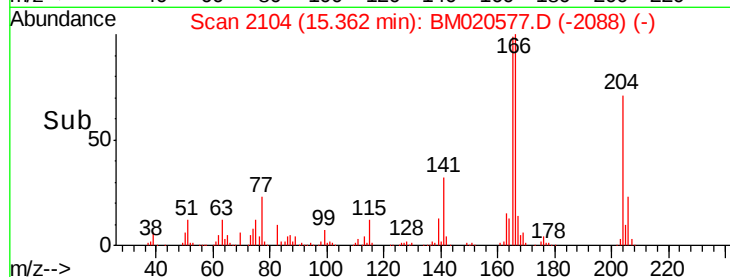
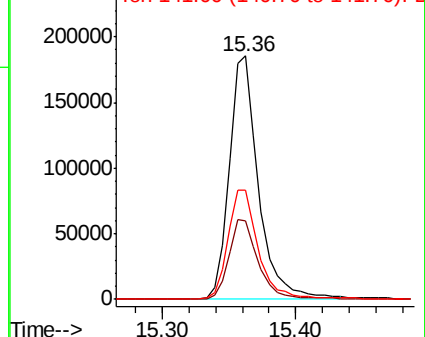
204 100

206 32.0 26.6 40.0

141 45.1 36.9 55.3



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 22.559 ng

RT: 15.43 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

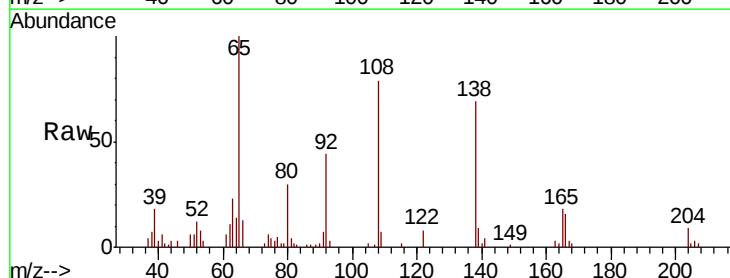
Tgt Ion:138 Resp: 42752

Ion Ratio Lower Upper

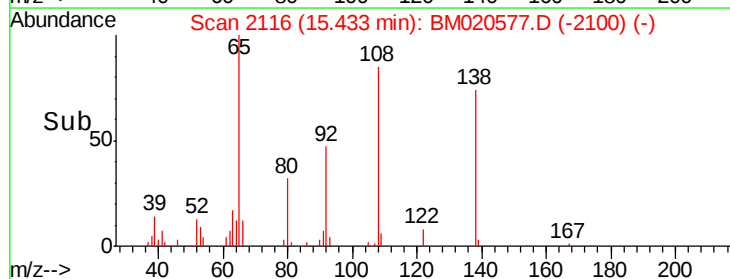
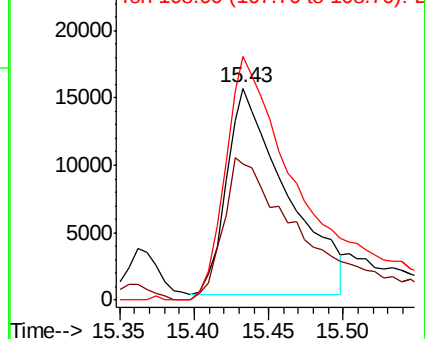
138 100

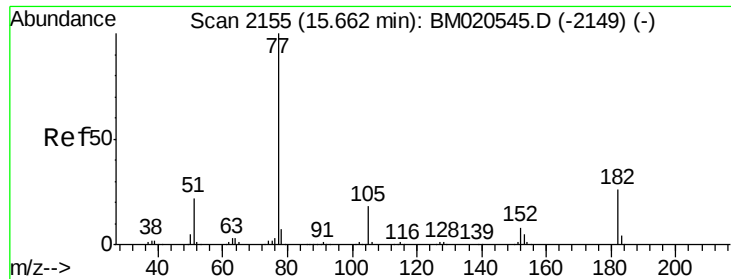
92 63.9 44.5 84.5

108 114.7 95.9 135.9



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

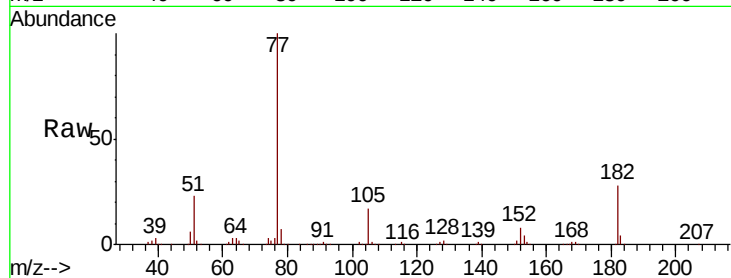




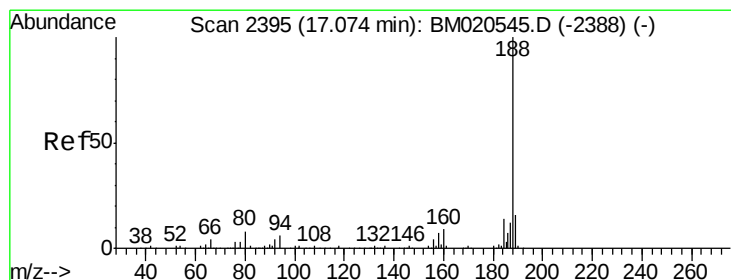
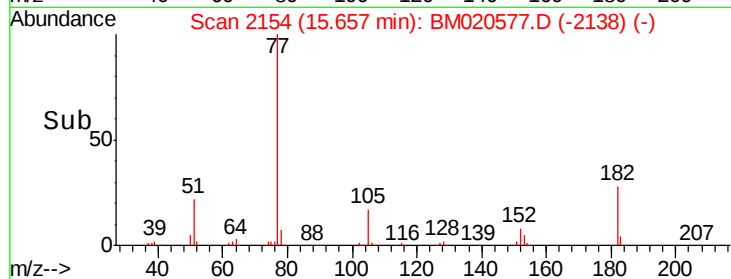
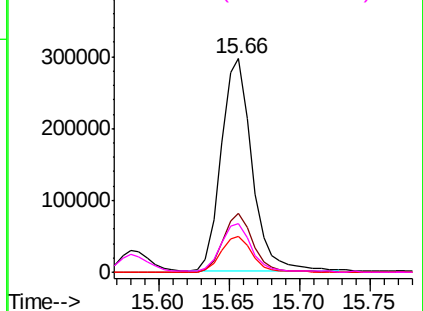
#63
Azobenzene
Concen: 43.086 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	446829
Ion	Ratio	Lower	Upper
77	100		
182	27.5	5.7	45.7
105	16.9	0.0	37.6
51	22.9	1.7	41.7

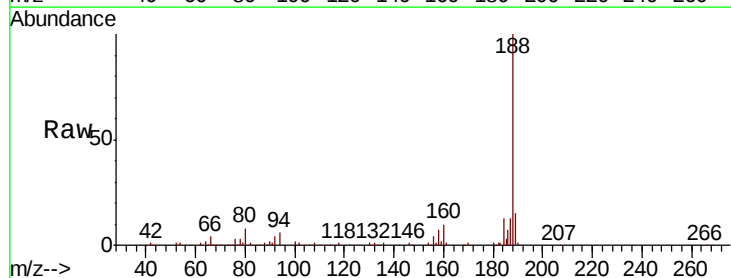


Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-2149) (-)
Ion 182.00 (181.70 to 182.70): BM020545.D (-2149) (-)
Ion 105.00 (104.70 to 105.70): BM020545.D (-2149) (-)
Ion 51.00 (50.70 to 51.70): BM020545.D (-2149) (-)

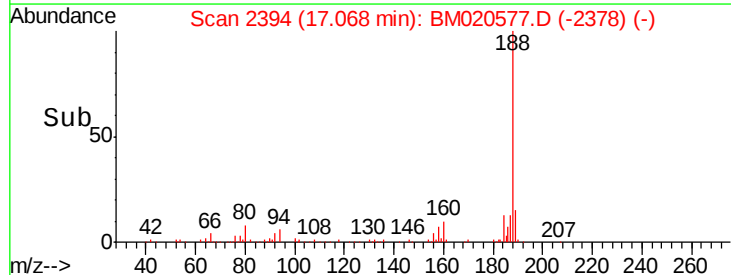
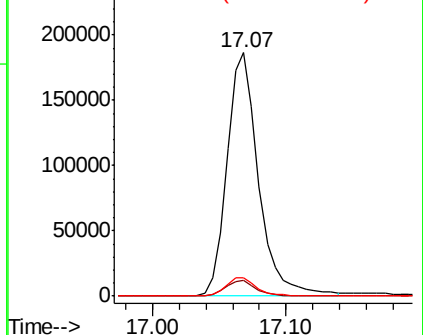


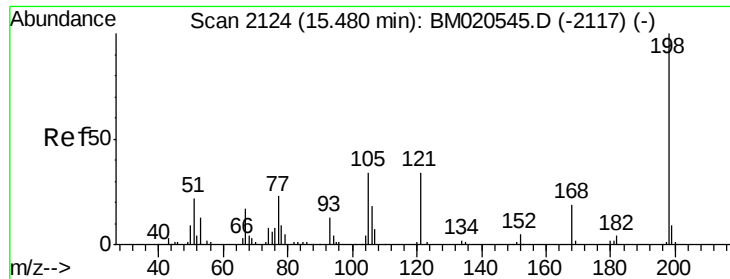
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:	188	Resp:	308880
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.0	7.4
80	7.7	6.5	9.7



Abundance Ion 188.00 (187.70 to 188.70): BM020545.D (-2388) (-)
Ion 94.00 (93.70 to 94.70): BM020545.D (-2388) (-)
Ion 80.00 (79.70 to 80.70): BM020545.D (-2388) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 39.301 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

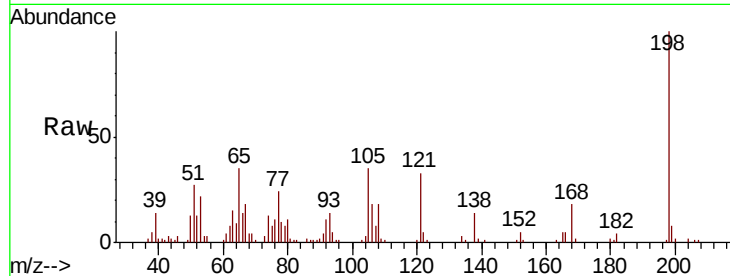
Tot Ion:198 Resp: 74313

Ion Ratio Lower Upper

198 100

51 26.9 6.4 46.4

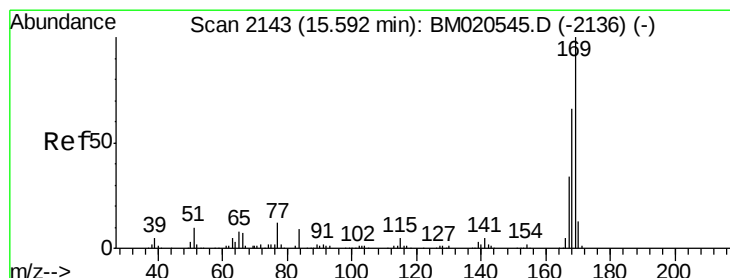
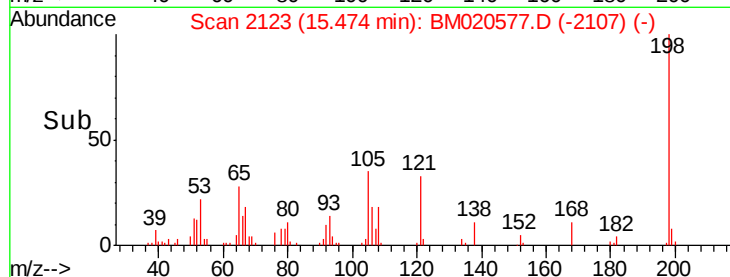
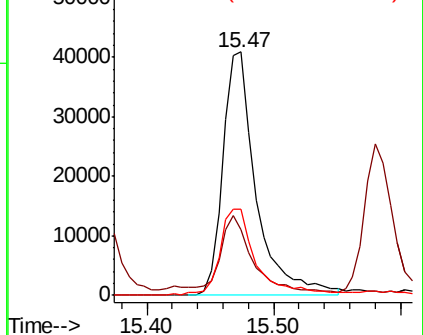
105 35.4 15.1 55.1



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: 45.161 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

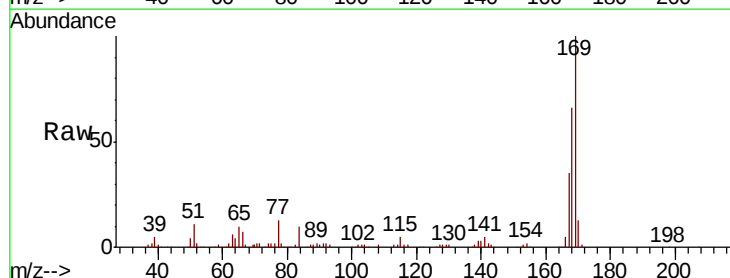
Tgt Ion:169 Resp: 378229

Ion Ratio Lower Upper

169 100

168 66.0 52.5 78.7

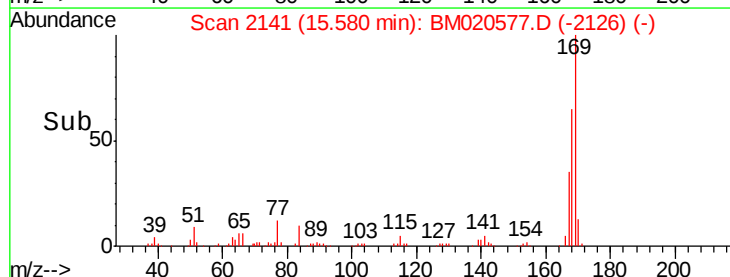
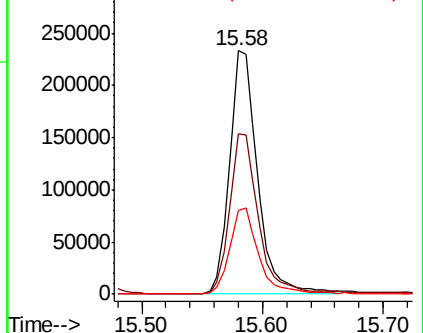
167 34.5 27.5 41.3

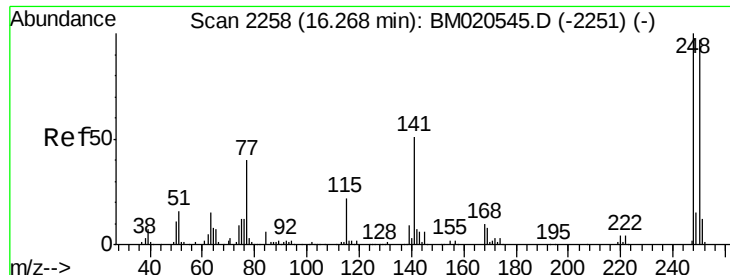


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

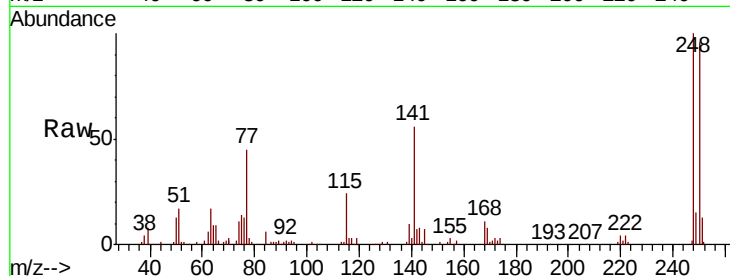




#67
 4-Bromophenyl-phenylether
 Concen: 44.504 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.8	116.6
141	55.6	41.0	61.6

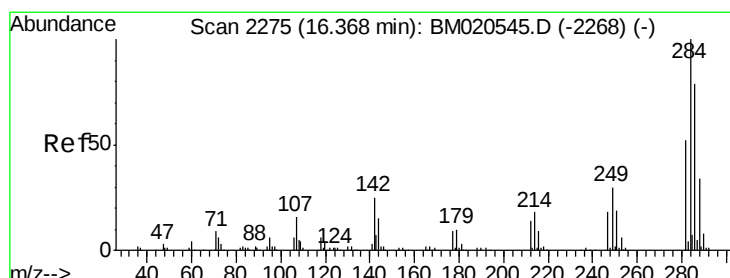
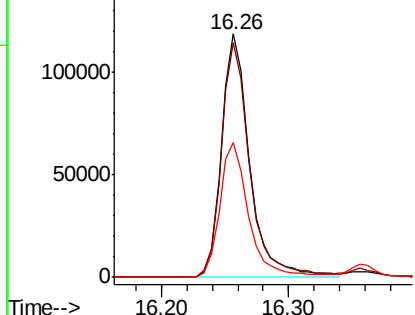
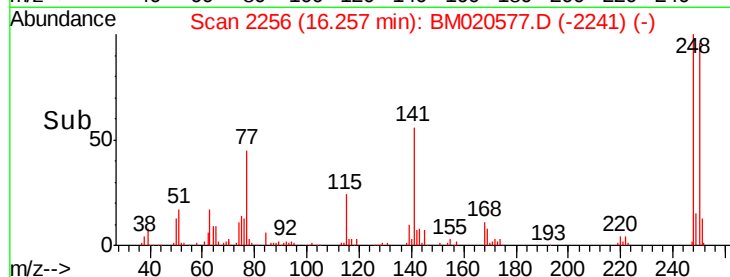


Abundance

Ion 248.00 (247.70 to 248.70): E

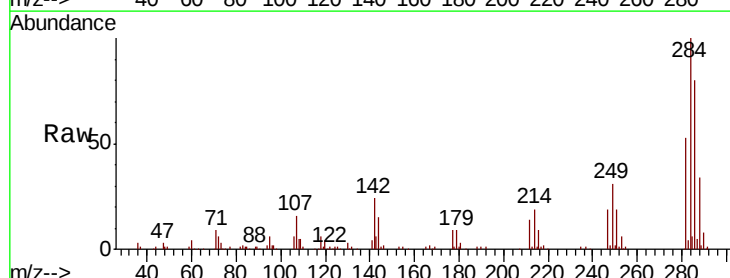
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.690 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.3	20.2	30.2
249	30.5	23.9	35.9

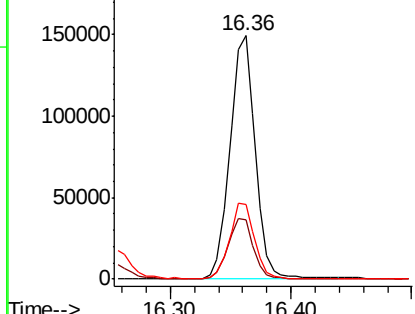
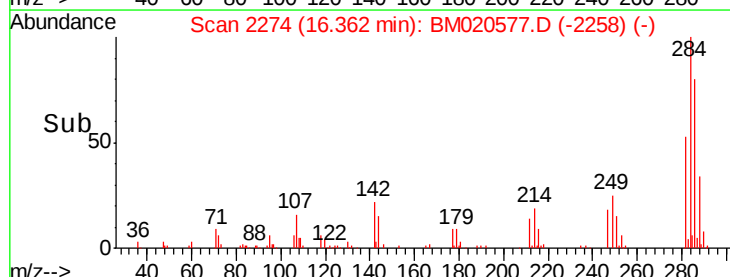


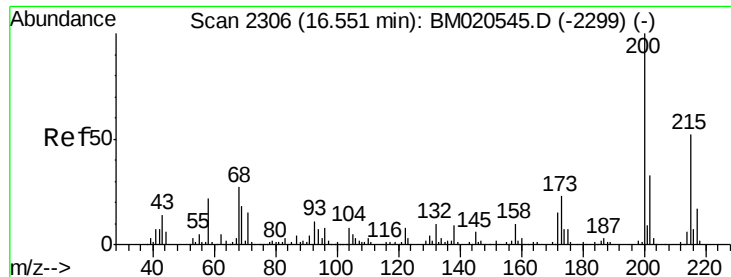
Abundance

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

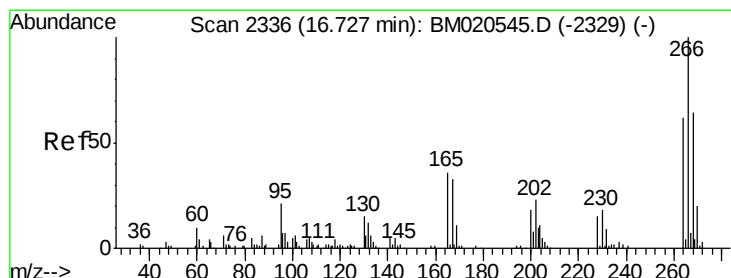
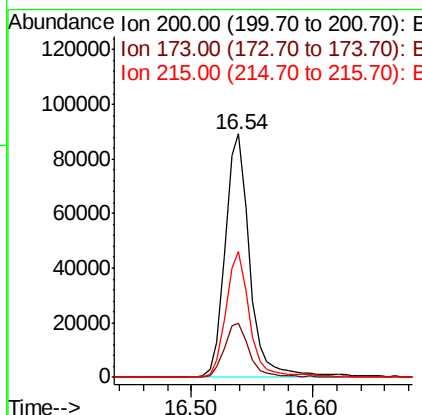
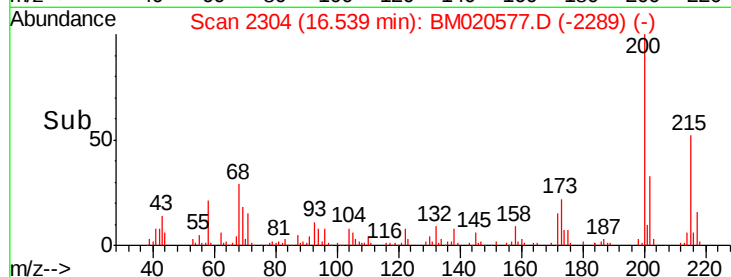
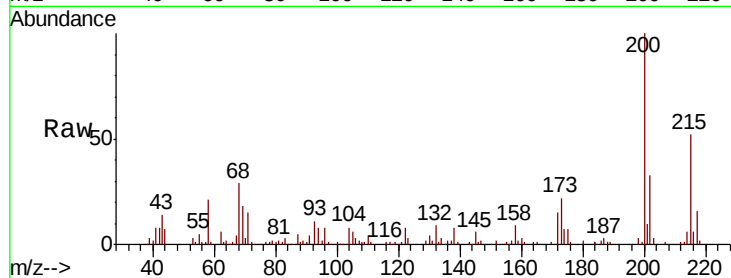




#69
 Atrazine
 Concen: 36.432 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

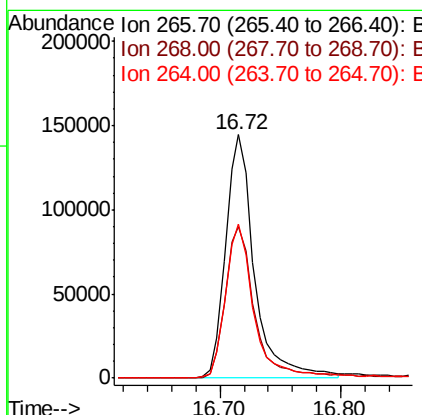
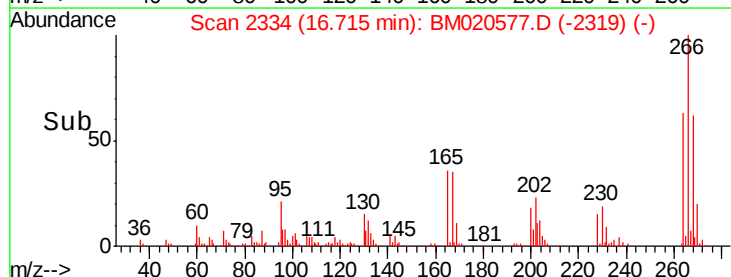
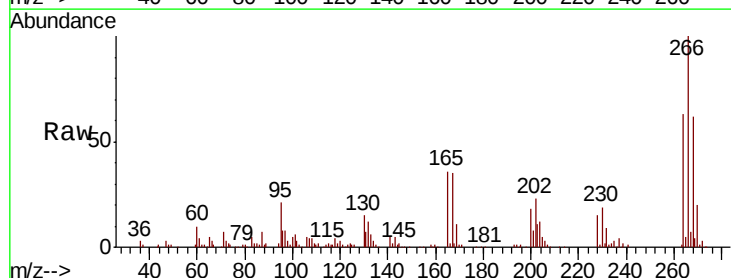
Instrument :
 BNA_M
 ClientSampled :

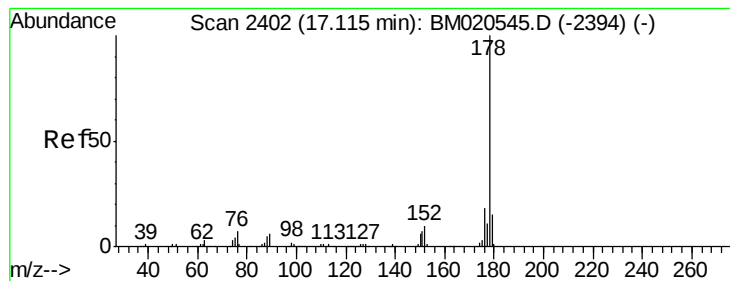
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.1	3.2	43.2
215	51.5	31.7	71.7



#70
 Pentachlorophenol
 Concen: 93.225 ng
 RT: 16.72 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.0	76.4
264	63.1	49.8	74.8





#71

Phenanthrene

Concen: 43.248 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

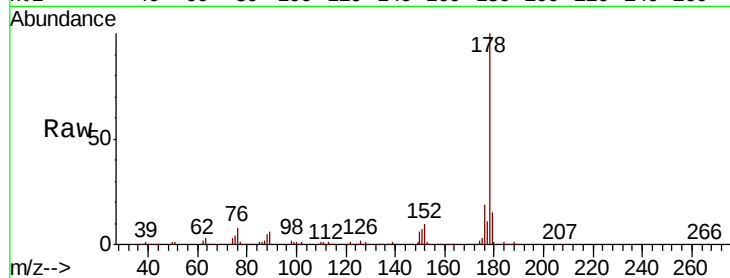
Tot Ion:178 Resp: 725704

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

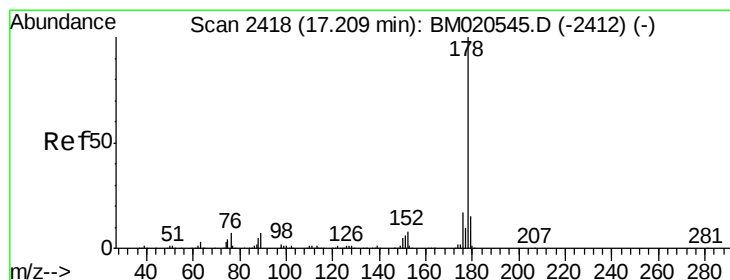
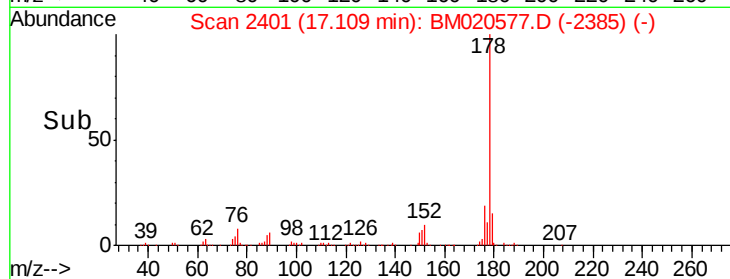
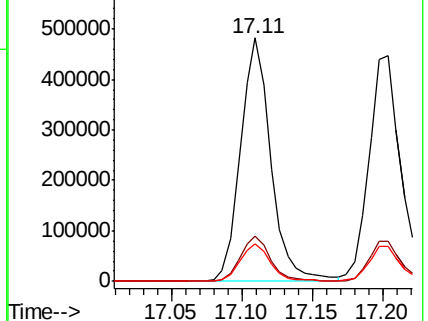
179 15.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.260 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

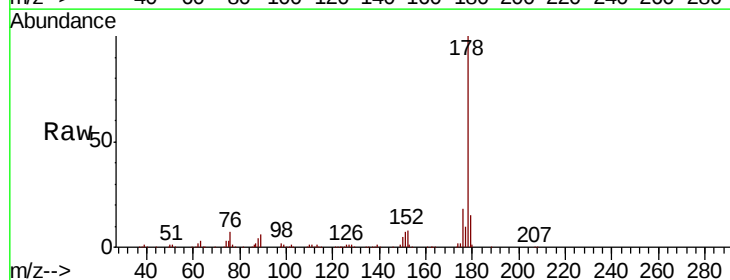
Tgt Ion:178 Resp: 687685

Ion Ratio Lower Upper

178 100

176 18.0 14.0 21.0

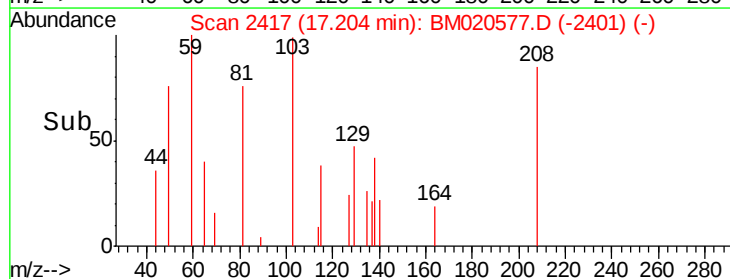
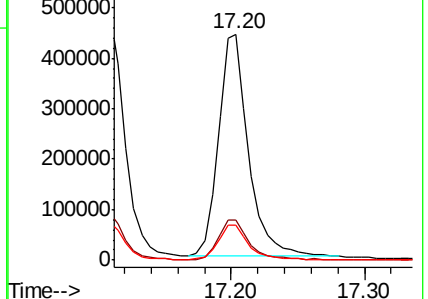
179 15.4 12.4 18.6

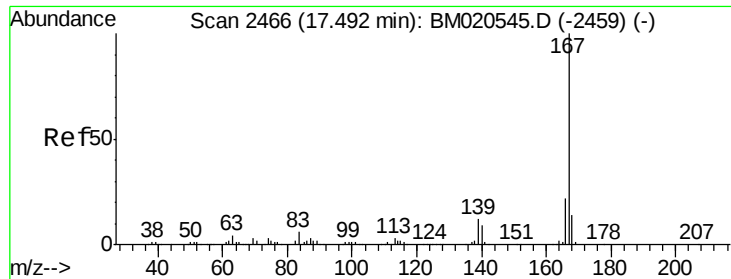


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

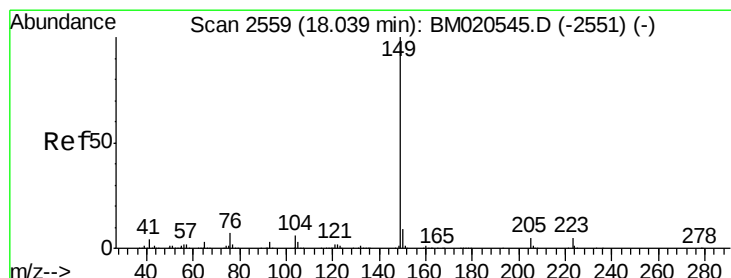
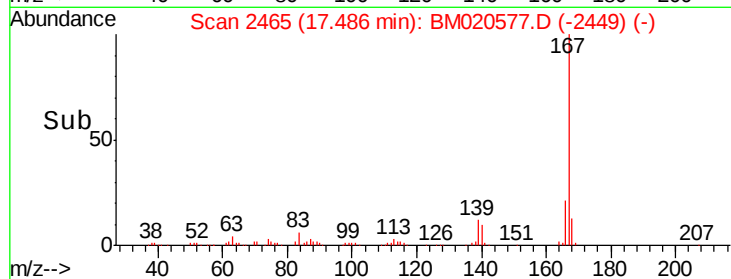
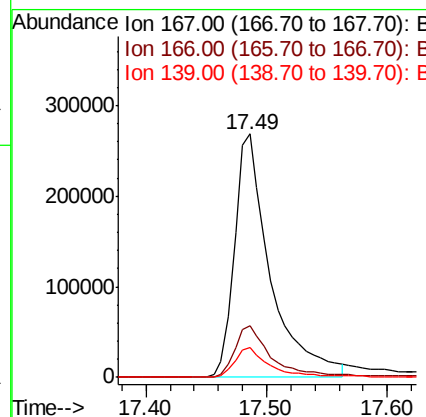
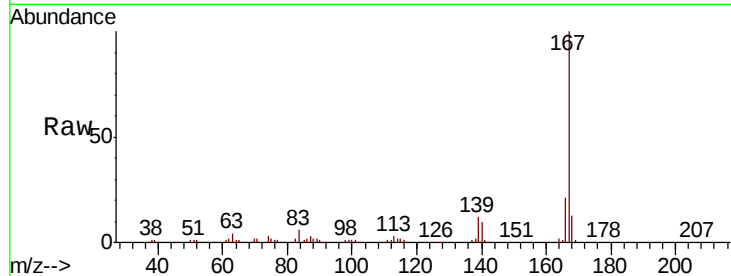




#73
 Carbazole
 Concen: 39.826 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

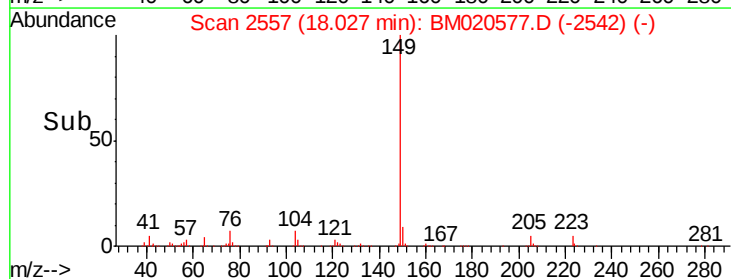
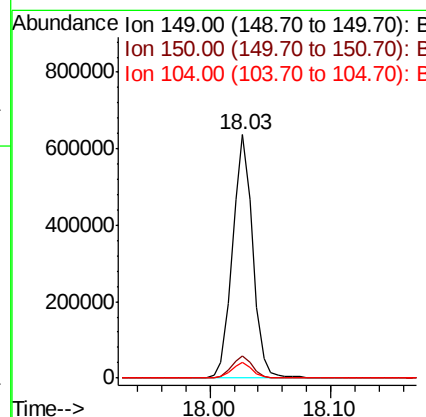
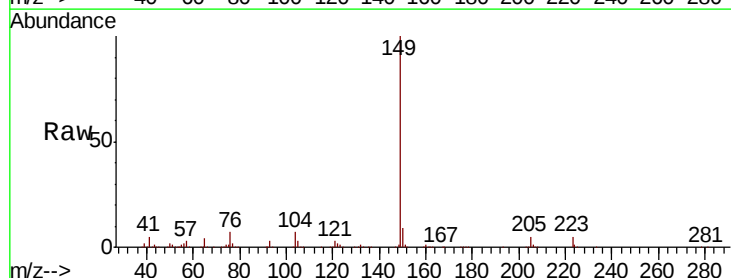
Instrument :
 BNA_M
 ClientSampleId :

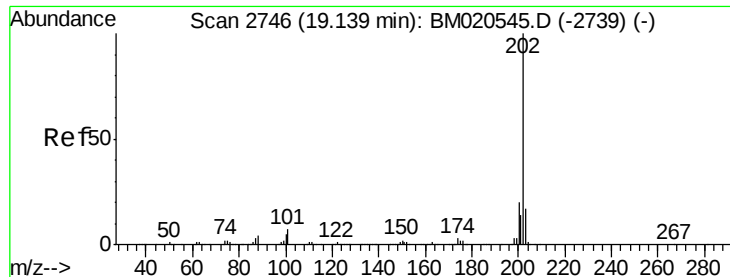
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	12.1	9.3	13.9



#74
 Di-n-butylphthalate
 Concen: 43.120 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	6.6	5.0	7.4





#75

Fluoranthene

Concen: 42.037 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

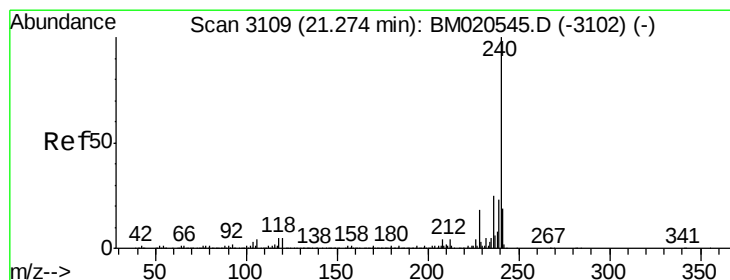
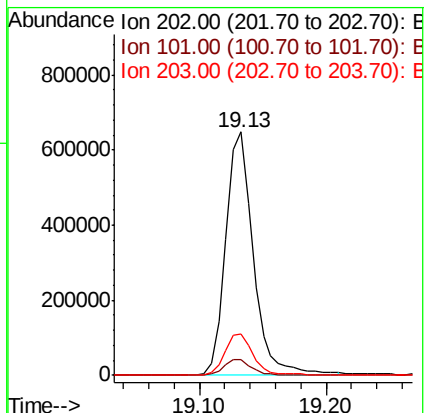
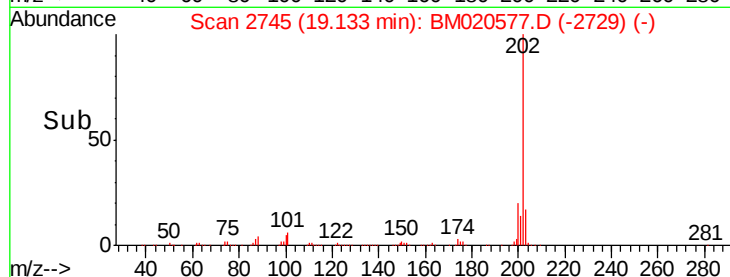
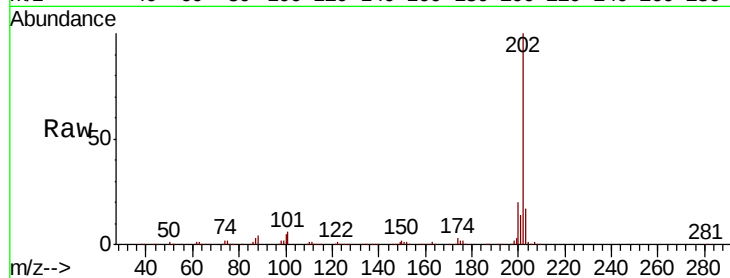
Tot Ion:202 Resp: 980911

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.7

203 17.1 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

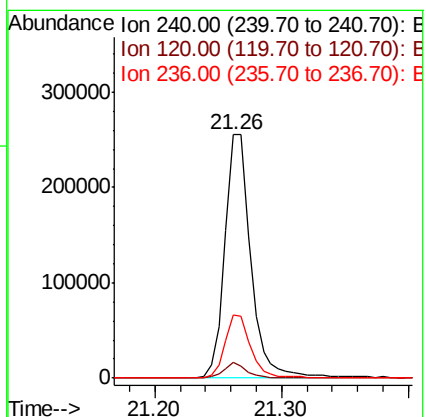
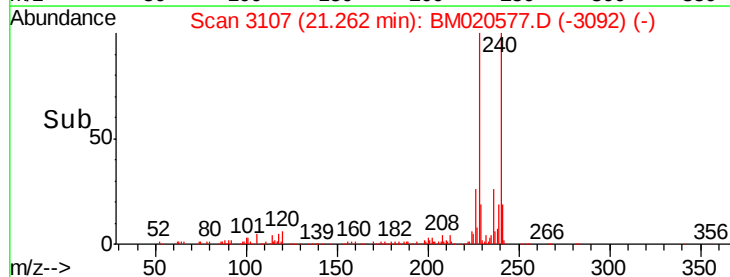
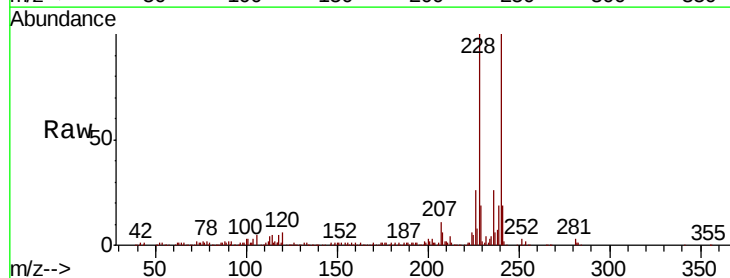
Tgt Ion:240 Resp: 363045

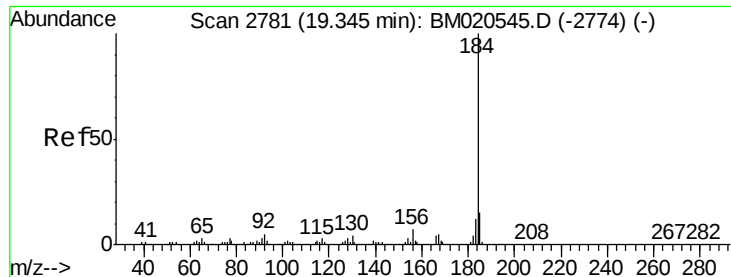
Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

236 26.1 20.2 30.4





#77

Benzidine

Concen: 3.580 ng

RT: 19.37 min Scan# 2786

Delta R.T. 0.03 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampled :

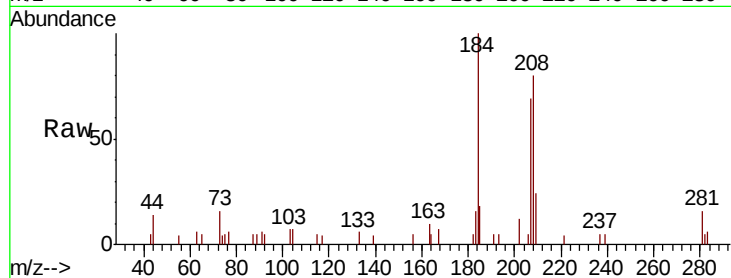
Tot Ion:184 Resp: 23883

Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.8

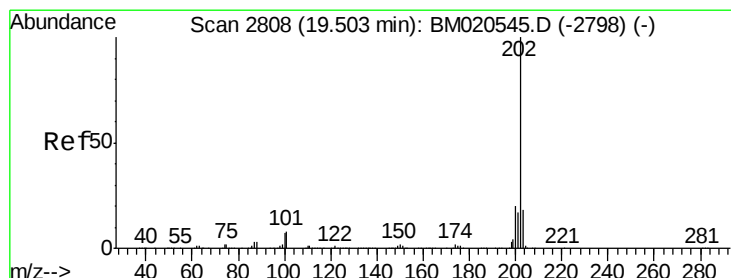
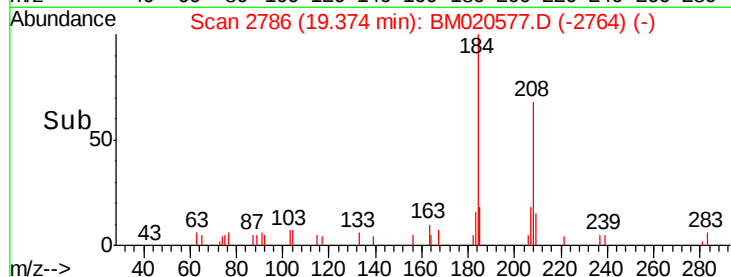
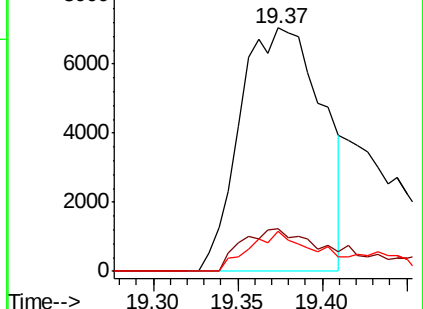
183 16.5 9.7 14.5#



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: 44.014 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

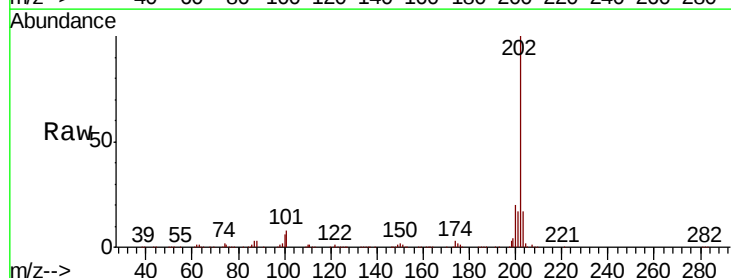
Tgt Ion:202 Resp: 1003178

Ion Ratio Lower Upper

202 100

200 20.2 16.0 24.0

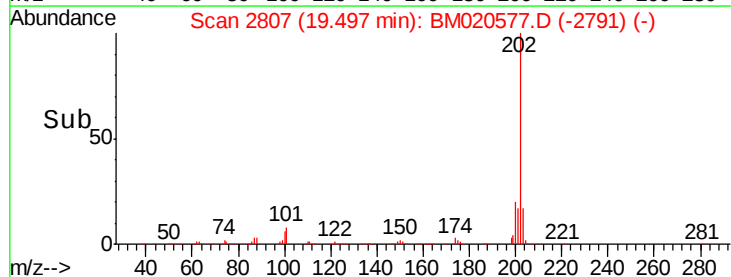
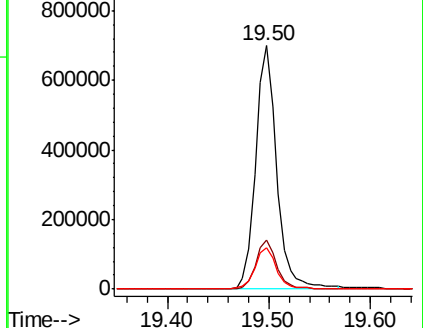
203 17.2 14.1 21.1

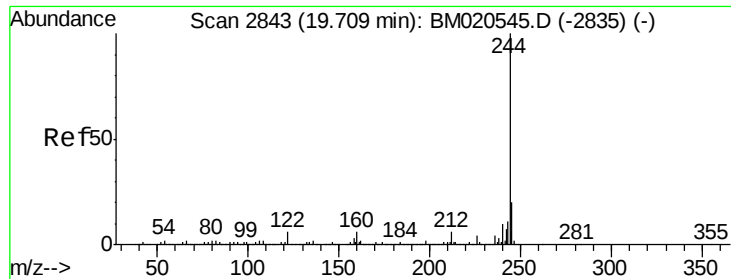


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

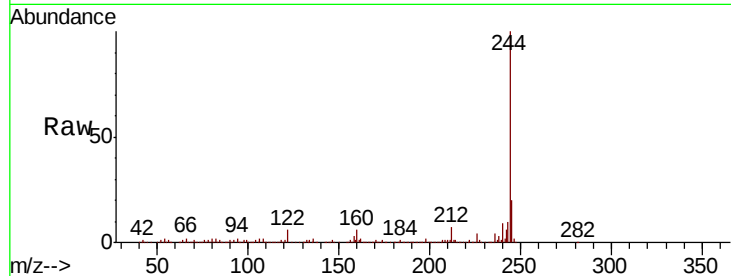




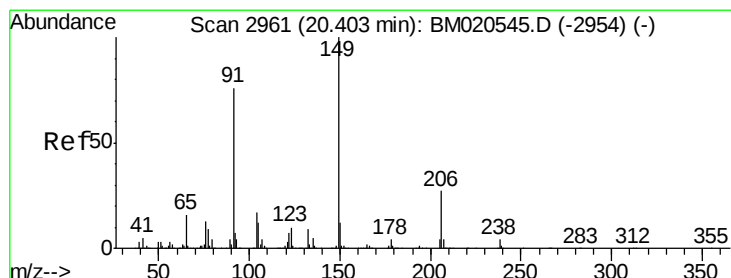
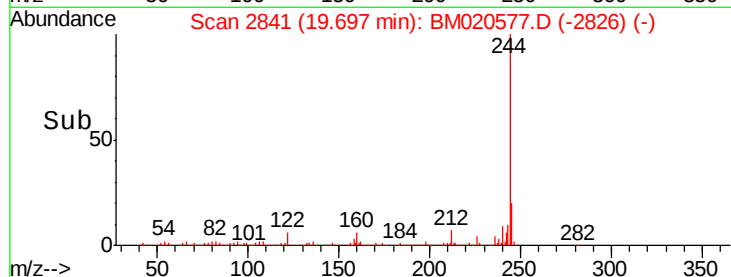
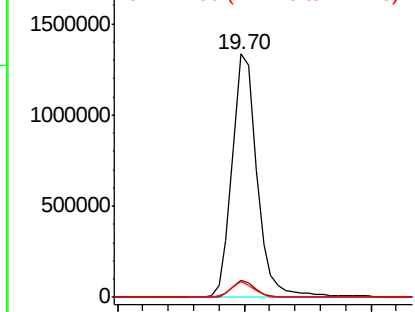
#79
 Terphenyl-d14
 Concen: 90.455 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1816540
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.6
 122 6.3 4.6 7.0

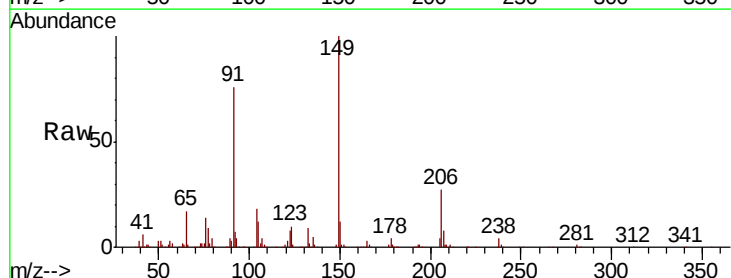


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

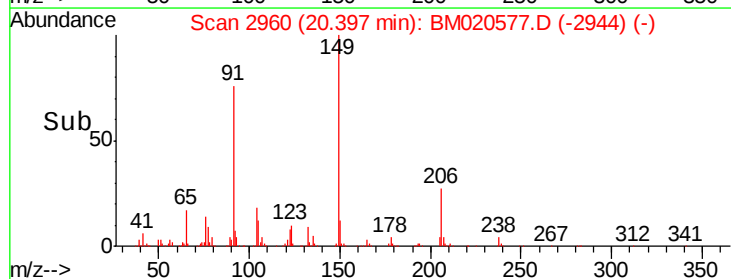
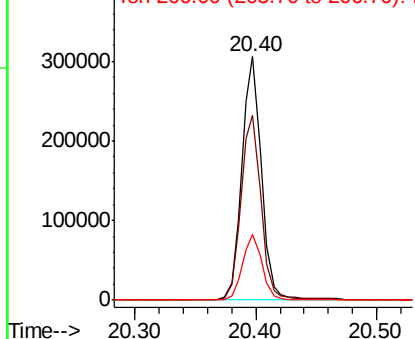


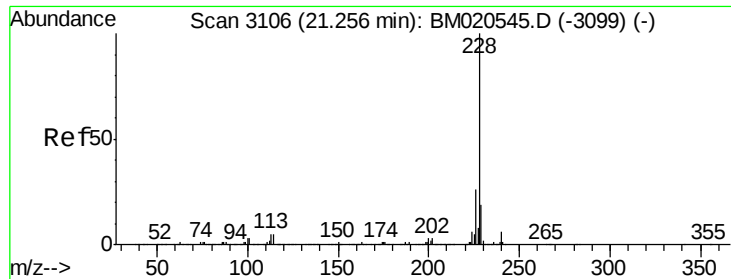
#80
 Butylbenzylphthalate
 Concen: 43.467 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Tgt Ion:149 Resp: 348094
 Ion Ratio Lower Upper
 149 100
 91 76.0 60.9 91.3
 206 27.2 21.6 32.4



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: 41.850 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

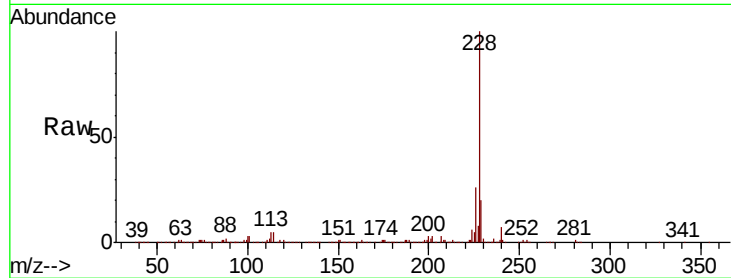
Tot Ion:228 Resp: 1051543

Ion	Ratio	Lower	Upper
228	100		
226	26.1	20.7	31.1
229	19.5	15.5	23.3

228 100

226 26.1 20.7 31.1

229 19.5 15.5 23.3

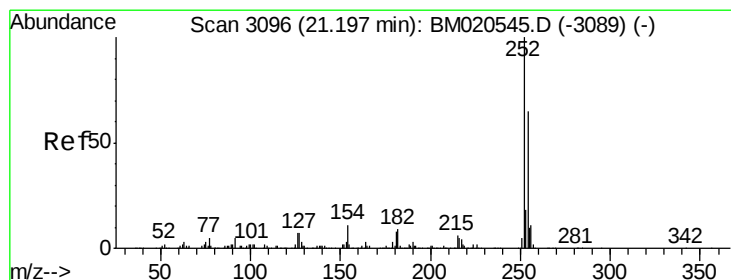
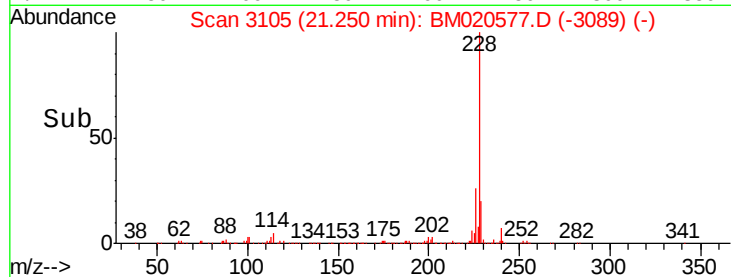
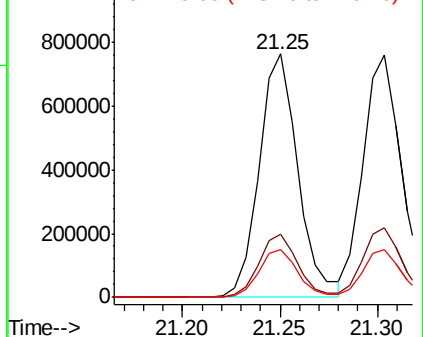


Abundance

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: 21.023 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

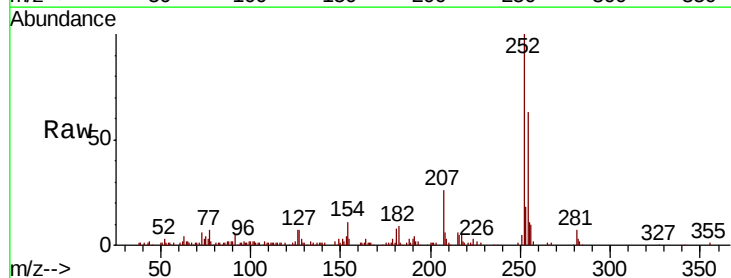
Tgt Ion:252 Resp: 192807

Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.8	77.6
126	7.1	5.2	7.8

252 100

254 62.9 51.8 77.6

126 7.1 5.2 7.8

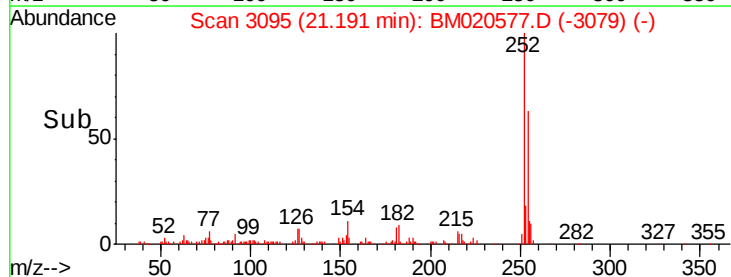
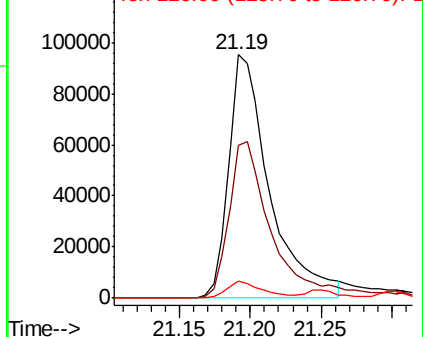


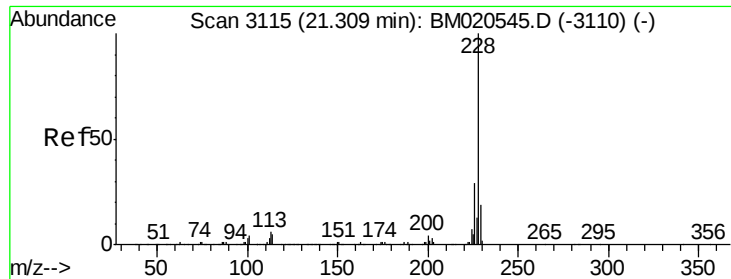
Abundance

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



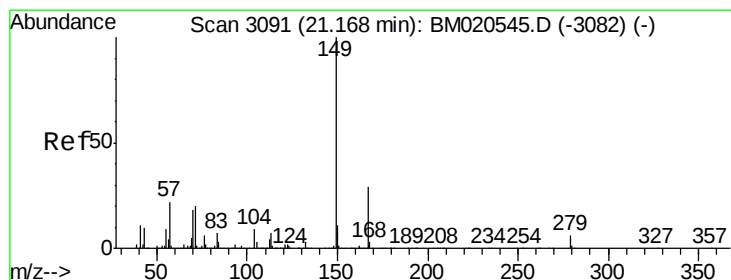
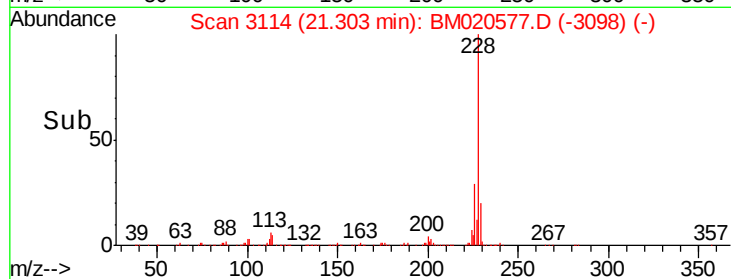
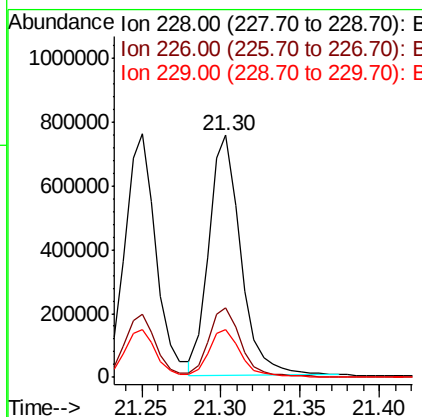
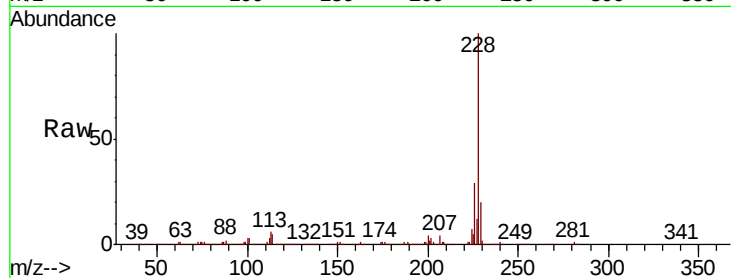


#83
 Chrysene
 Concen: 43.391 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 1053513

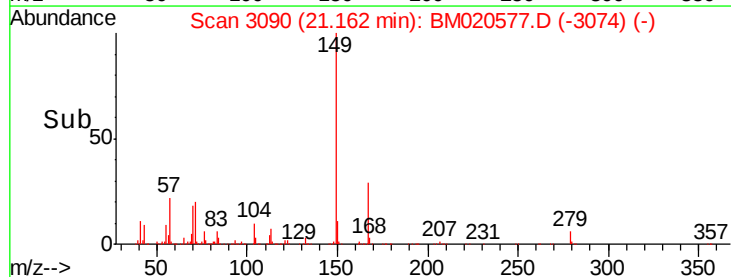
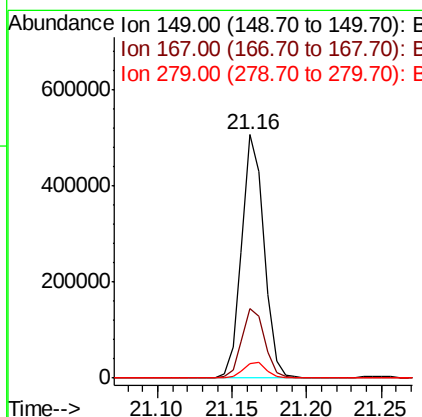
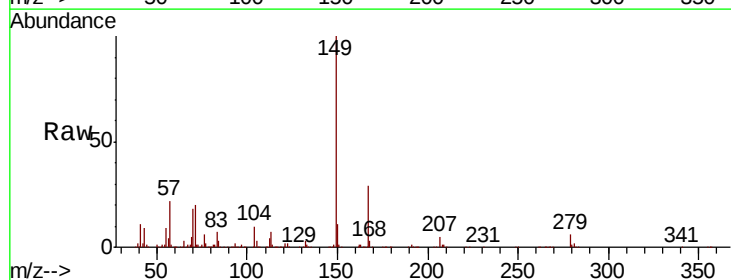
Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.9	34.3
229	19.9	15.4	23.2

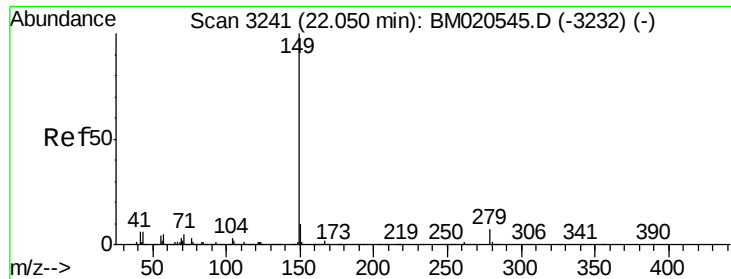


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.242 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Tgt Ion:149 Resp: 528055

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	6.1	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 46.469 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

Instrument :

BNA_M

ClientSampleId :

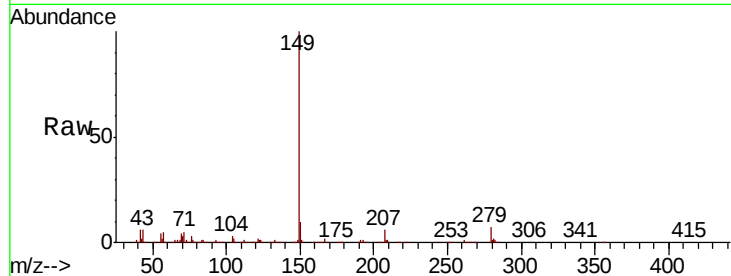
Tot Ion:149 Resp: 942906

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

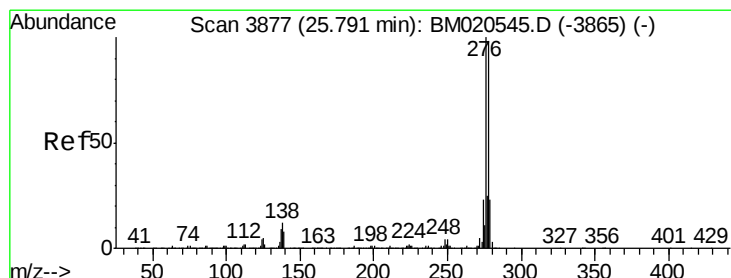
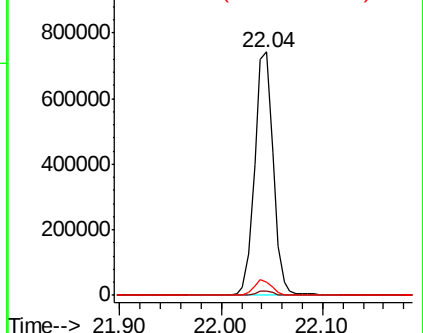
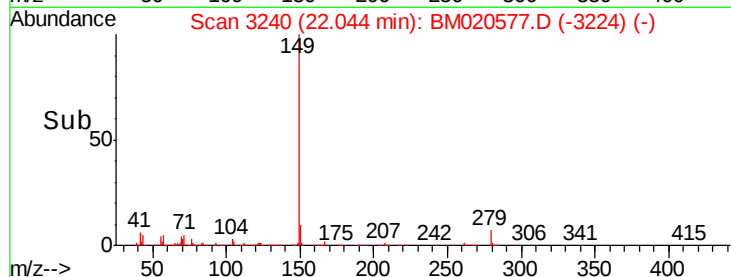
43 6.1 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.980 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM020577.D

Acq: 28 May 2019 12:38

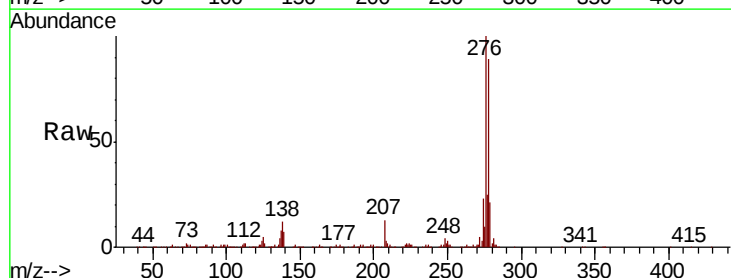
Tgt Ion:276 Resp: 1408537

Ion Ratio Lower Upper

276 100

138 12.1 9.7 14.5

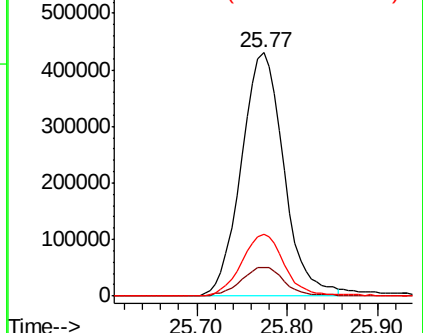
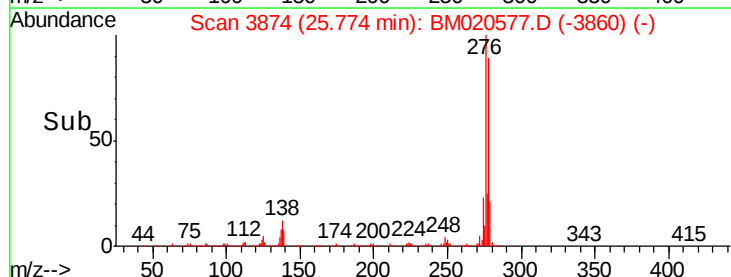
277 25.3 20.4 30.6

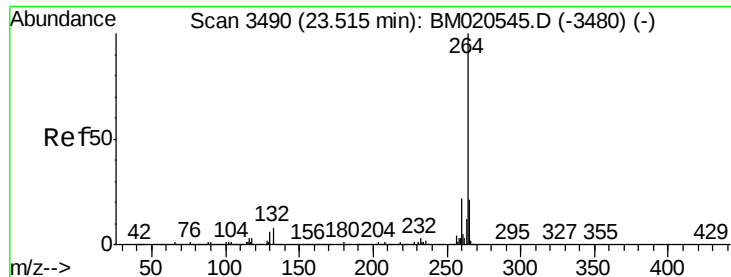


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

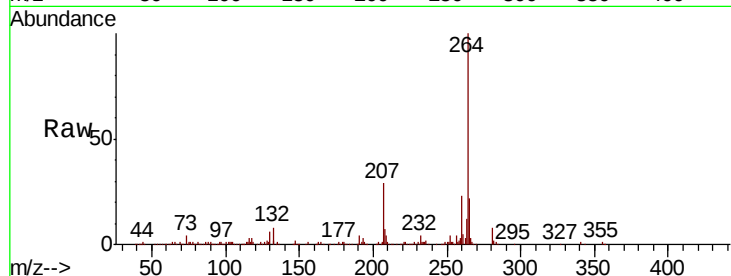




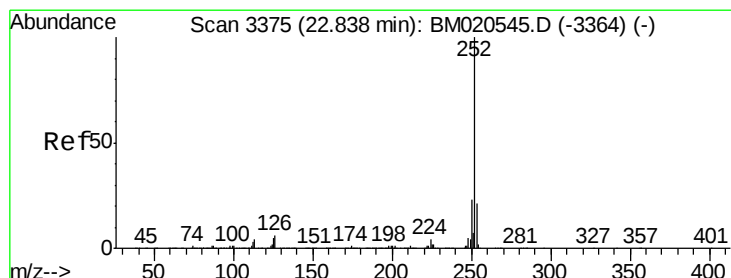
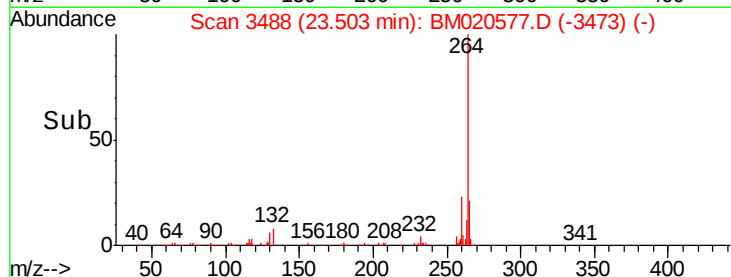
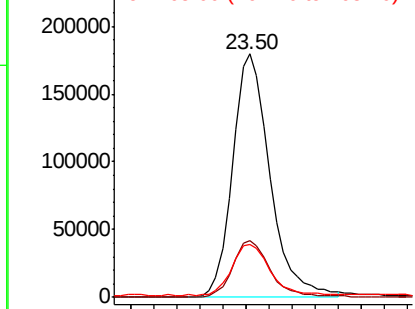
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3488
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:264 Resp: 403505
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.7 26.5
 265 21.9 17.4 26.2

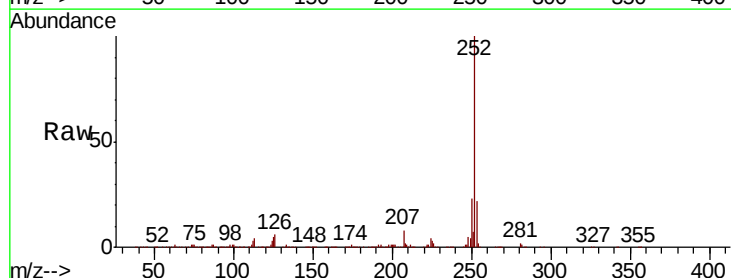


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

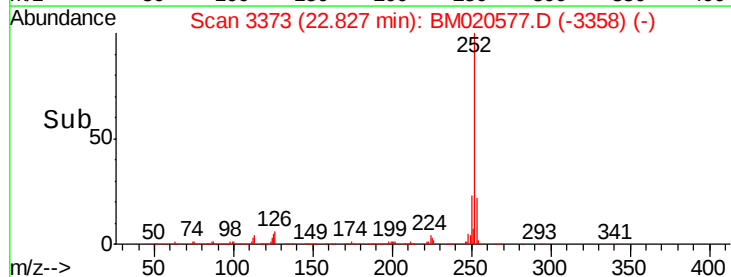
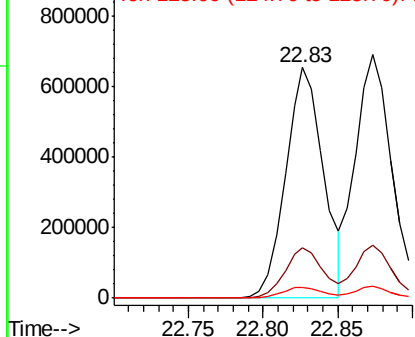


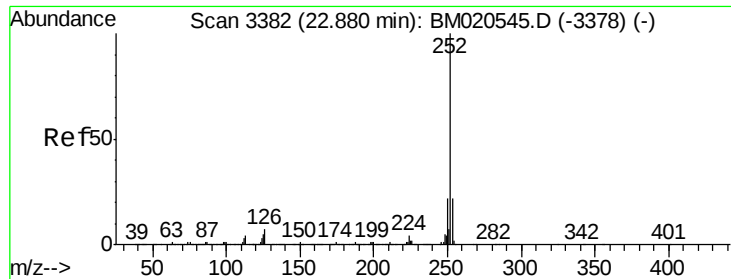
#88
 Benzo(b)fluoranthene
 Concen: 43.788 ng
 RT: 22.83 min Scan# 3373
 Delta R.T. -0.01 min
 Lab File: BM020577.D
 Acq: 28 May 2019 12:38

Tgt Ion:252 Resp: 1156449
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.1 25.7
 125 4.7 3.8 5.8



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

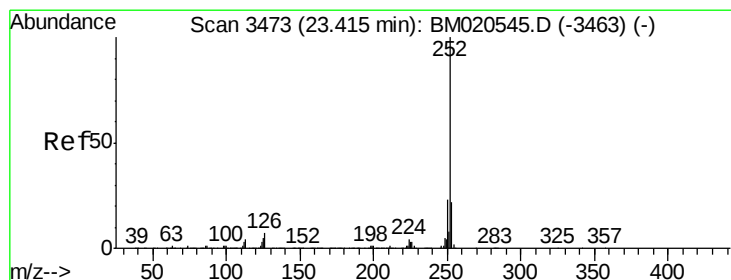
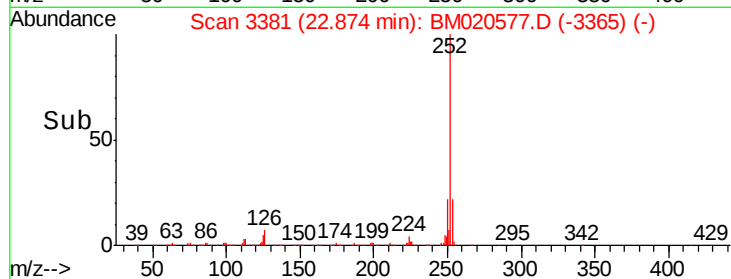
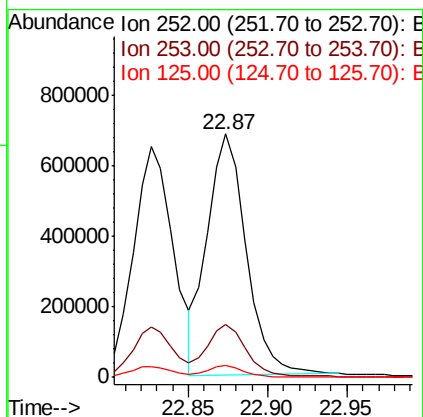
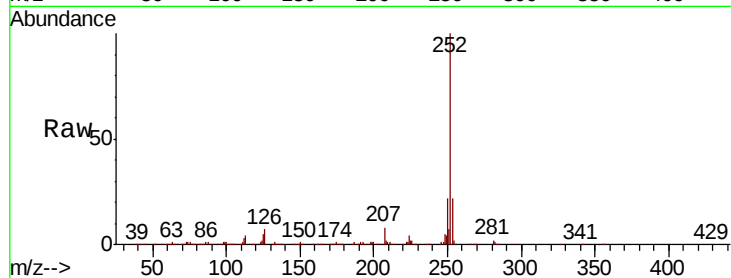




#89
Benzo(k)fluoranthene
Concen: 45.929 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

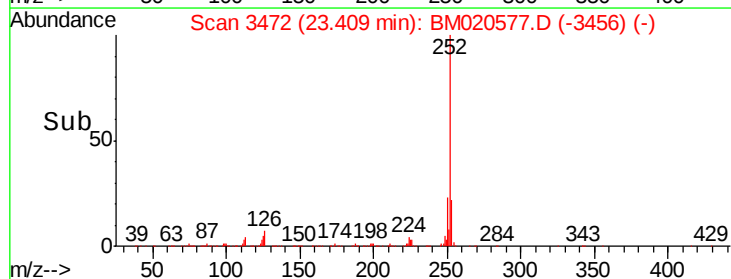
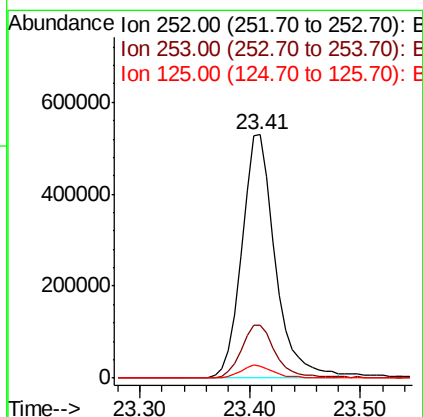
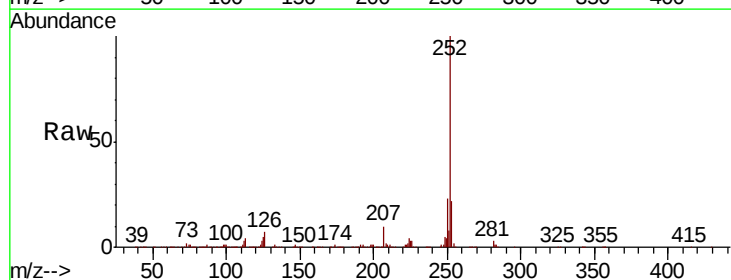
Instrument :
BNA_M
ClientSampled :

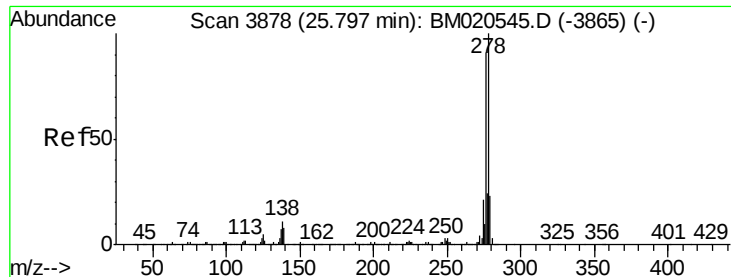
Tot Ion:252 Resp: 1177260
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 4.6 4.2 6.4



#90
Benzo(a)pyrene
Concen: 46.098 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:252 Resp: 1120325
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 5.0 4.2 6.4

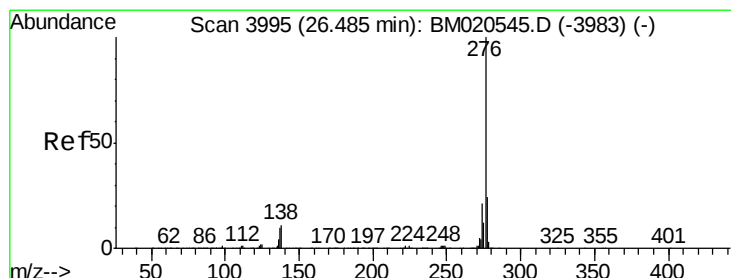
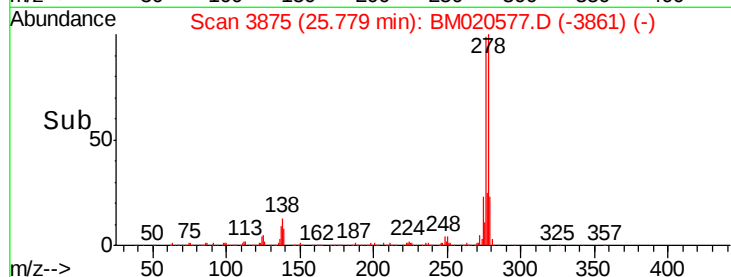
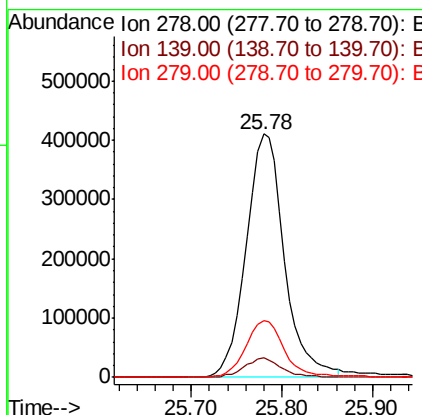
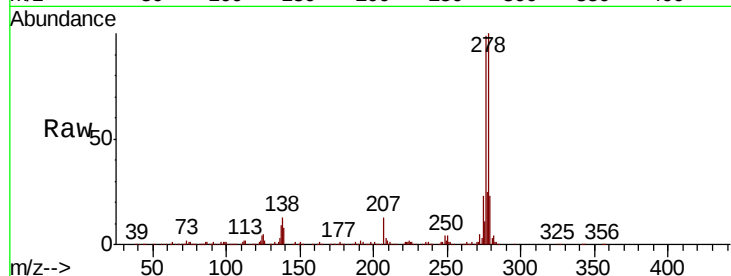




#91
Dibenzo(a,h)anthracene
Concen: 48.518 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:278 Resp: 1206990
Ion Ratio Lower Upper
278 100
139 7.9 6.3 9.5
279 23.5 18.3 27.5



#92
Benzo(g,h,i)perylene
Concen: 50.135 ng
RT: 26.47 min Scan# 3992
Delta R.T. -0.02 min
Lab File: BM020577.D
Acq: 28 May 2019 12:38

Tgt Ion:276 Resp: 1156165
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 10.4 8.6 12.8

