

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
 Data File : BM020144.D
 Acq On : 06 May 2019 20:14
 Operator : JU/SJ
 Sample : K2673-16MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Quant Time: May 07 03:32:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	127946	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	466050	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	278626	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	662423	20.00	ng	0.00
76) Chrysene-d12	21.37	240	660031	20.00	ng	0.00
87) Perylene-d12	23.67	264	769183	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1224672	156.46	ng	0.00
7) Phenol-d6	6.96	99	1741125	162.82	ng	0.01
23) Nitrobenzene-d5	8.96	82	1210917	102.58	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	733601	169.63	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	2111782	93.25	ng	0.00
79) Terphenyl-d14	19.81	244	3309802	87.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	129715	33.789	ng	95
3) Pyridine	3.71	79	369400	37.624	ng	98
4) n-Nitrosodimethylamine	3.63	42	136119	43.235	ng	# 85
6) Aniline	7.13	93	311422	23.135	ng	99
8) 2-Chlorophenol	7.36	128	399862	46.916	ng	99
9) Benzaldehyde	6.95	77	301819	37.292	ng	96
10) Phenol	6.99	94	566189	49.184	ng	93
11) bis(2-Chloroethyl)ether	7.23	93	405550	48.471	ng	97
12) 1,3-Dichlorobenzene	7.68	146	431700	43.535	ng	97
13) 1,4-Dichlorobenzene	7.83	146	435098	43.434	ng	93
14) 1,2-Dichlorobenzene	8.15	146	421096	44.123	ng	98
15) Benzyl Alcohol	8.04	79	453515	43.983	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	307286	44.291	ng	98
17) 2-Methylphenol	8.23	107	352422	47.557	ng	97
18) Hexachloroethane	8.86	117	94456	22.614	ng	97
19) n-Nitroso-di-n-propylamine	8.60	70	393806	43.045	ng	95
20) 3+4-Methylphenols	8.56	107	481944	48.934	ng	98
22) Acetophenone	8.62	105	640955	50.321	ng	# 97
24) Nitrobenzene	9.00	77	560345	45.782	ng	96
25) Isophorone	9.52	82	1001050	49.175	ng	99
26) 2-Nitrophenol	9.71	139	130366	35.281	ng	93
27) 2,4-Dimethylphenol	9.76	122	358815	58.327	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	543746	49.043	ng	98
29) 2,4-Dichlorophenol	10.24	162	406698	52.428	ng	98
30) 1,2,4-Trichlorobenzene	10.45	180	464812	48.697	ng	98
31) Naphthalene	10.64	128	1194978	49.410	ng	99
32) Benzoic acid	9.83	122	25885	11.710	ng	94
33) 4-Chloroaniline	10.76	127	311238	31.267	ng	98
34) Hexachlorobutadiene	10.90	225	300963	44.573	ng	98
35) Caprolactam	11.56	113	108481	46.769	ng	100
36) 4-Chloro-3-methylphenol	11.88	107	448316	49.180	ng	95
37) 2-Methylnaphthalene	12.25	142	867518	49.202	ng	97
38) 1-Methylnaphthalene	12.47	142	824417	47.816	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.62	216	542890	49.802	ng	98

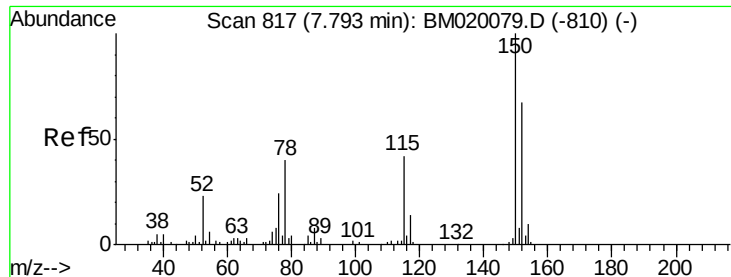
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
 Data File : BM020144.D
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 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.86	196	358864	57.925	ng	97
44) 2,4,5-Trichlorophenol	12.94	196	382201	55.223	ng	97
46) 1,1'-Biphenyl	13.27	154	1120029	48.838	ng	99
47) 2-Chloronaphthalene	13.31	162	907894	49.583	ng	99
48) 2-Nitroaniline	13.53	65	383384	58.811	ng	90
49) Acenaphthylene	14.16	152	1491259	50.889	ng	99
50) Dimethylphthalate	13.90	163	1555179	65.672	ng	99
51) 2,6-Dinitrotoluene	14.02	165	197693	39.636	ng	94
52) Acenaphthene	14.50	154	818257	48.692	ng	98
53) 3-Nitroaniline	14.36	138	229216	49.515	ng	97
54) 2,4-Dinitrophenol	14.56	184	2455	9.350	ng	94
55) Dibenzofuran	14.84	168	1360639	48.002	ng	98
56) 4-Nitrophenol	14.66	139	389052	98.502	ng	91
57) 2,4-Dinitrotoluene	14.81	165	245849	36.275	ng	99
58) Fluorene	15.49	166	1099993	47.252	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.06	232	359989	54.734	ng	97
60) Diethylphthalate	15.26	149	1120292	46.956	ng	99
61) 4-Chlorophenyl-phenylether	15.48	204	618886	46.920	ng	97
62) 4-Nitroaniline	15.52	138	255125	49.939	ng	95
63) Azobenzene	15.77	77	1226416	43.573	ng	99
65) 4,6-Dinitro-2-methylphenol	15.57	198	2553	7.811	ng	# 53
66) n-Nitrosodiphenylamine	15.70	169	964275	49.470	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	387383	47.690	ng	97
68) Hexachlorobenzene	16.48	284	439300	46.996	ng	96
69) Atrazine	16.65	200	314302	41.261	ng	98
70) Pentachlorophenol	16.83	266	563225	105.310	ng	99
71) Phenanthrene	17.23	178	1849621	50.583	ng	99
72) Anthracene	17.32	178	1896864	51.884	ng	99
73) Carbazole	17.59	167	1558778	47.252	ng	99
74) Di-n-butylphthalate	18.14	149	1855735	46.744	ng	98
75) Fluoranthene	19.24	202	2653763	57.359	ng	100
78) Pyrene	19.61	202	2718811	61.354	ng	99
80) Butylbenzylphthalate	20.50	149	862280	53.509	ng	97
81) Benzo(a)anthracene	21.36	228	2568273	55.485	ng	98
82) 3,3'-Dichlorobenzidine	21.29	252	374971	21.225	ng	99
83) Chrysene	21.41	228	2502704	55.750	ng	98
84) Bis(2-ethylhexyl)phthalate	21.28	149	8508028	340.241	ng	95
85) Di-n-octyl phthalate	22.17	149	3413263	82.126	ng	# 96
86) Indeno(1,2,3-cd)pyrene	26.03	276	3037285	56.881	ng	# 100
88) Benzo(b)fluoranthene	22.98	252	3019871	59.455	ng	98
89) Benzo(k)fluoranthene	23.03	252	2483278	53.597	ng	100
90) Benzo(a)pyrene	23.58	252	2732579	59.228	ng	98
91) Dibenzo(a,h)anthracene	26.04	278	2365212	49.296	ng	99
92) Benzo(g,h,i)perylene	26.75	276	2573756	56.501	ng	98

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

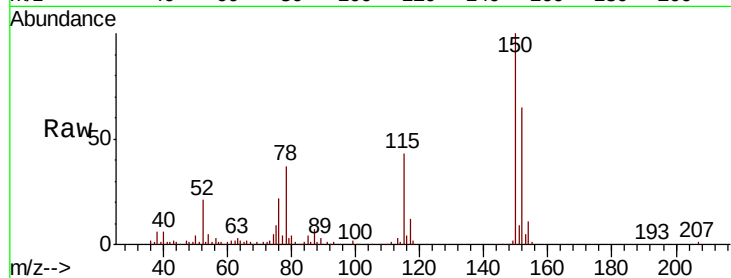


#1

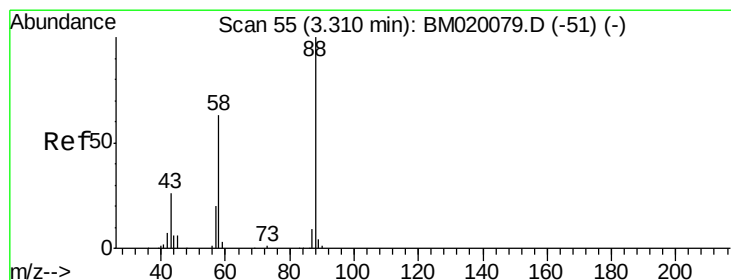
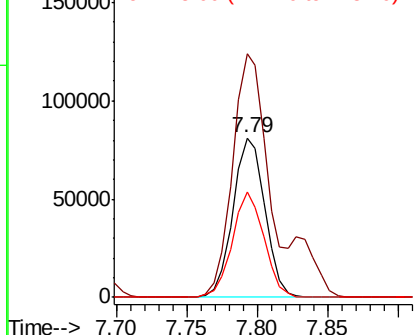
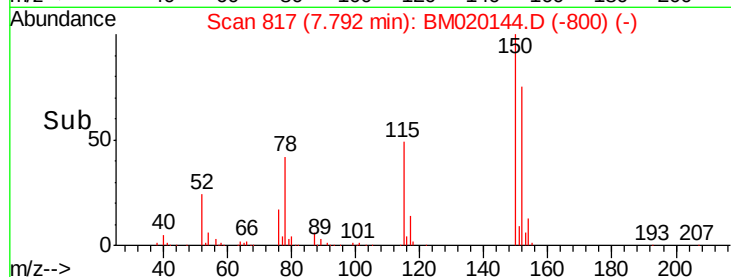
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tgt Ion:152 Resp: 127946
Ion Ratio Lower Upper
152 100
150 152.7 119.8 179.8
115 66.2 50.8 76.2



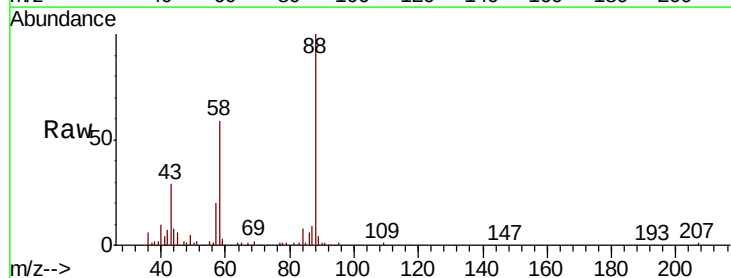
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



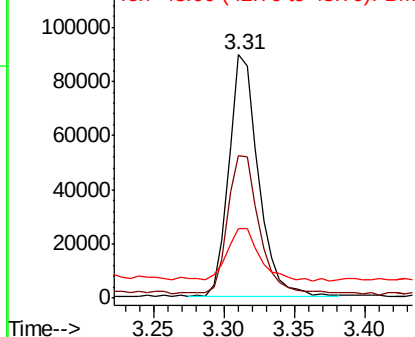
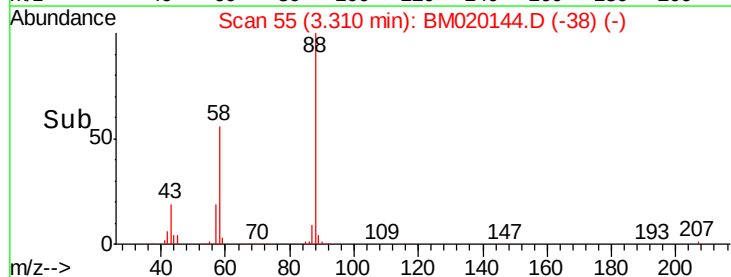
#2

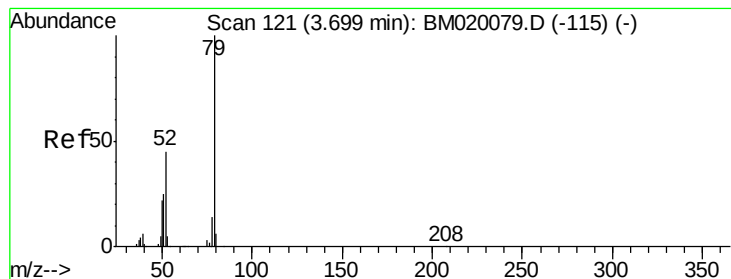
1,4-Dioxane
Concen: 33.789 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion: 88 Resp: 129715
Ion Ratio Lower Upper
88 100
58 59.6 51.8 77.6
43 24.2 20.3 30.5



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

Pyridine

Concen: 37.624 ng

RT: 3.71 min Scan# 123

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

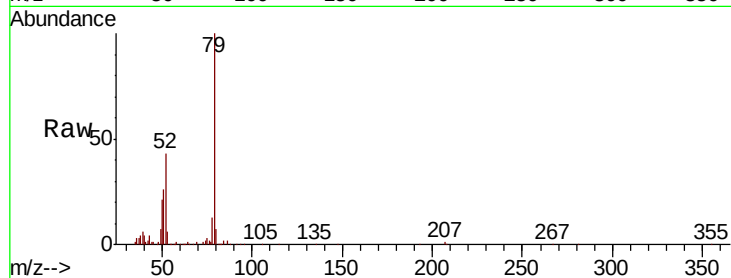
Tgt Ion: 79 Resp: 369400

Ion Ratio Lower Upper

79 100

52 42.6 35.7 53.5

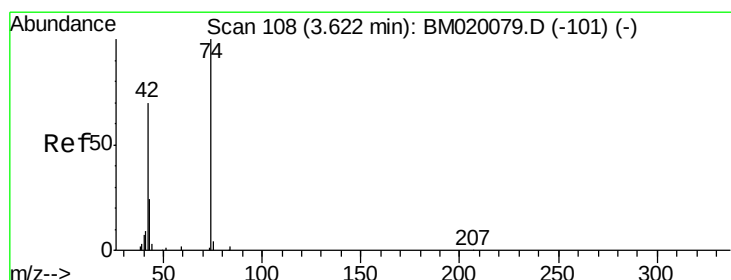
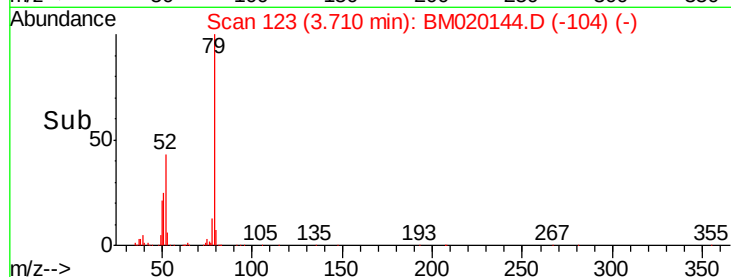
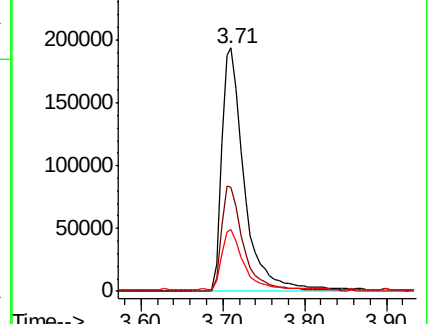
51 25.7 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020144.D (-123) (-)

Ion 52.00 (51.70 to 52.70): BM020144.D (-123) (-)

Ion 51.00 (50.70 to 51.70): BM020144.D (-123) (-)



#4

n-Nitrosodimethylamine

Concen: 43.235 ng

RT: 3.63 min Scan# 109

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

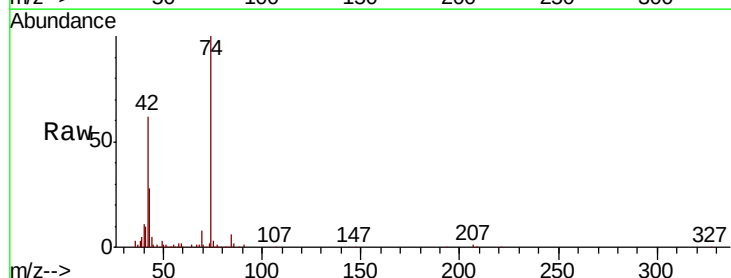
Tgt Ion: 42 Resp: 136119

Ion Ratio Lower Upper

42 100

74 160.4 113.7 170.5

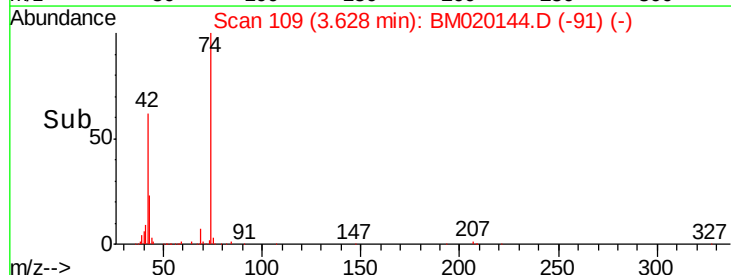
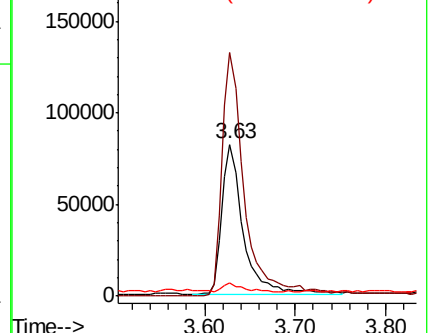
44 8.4 3.9 5.9#

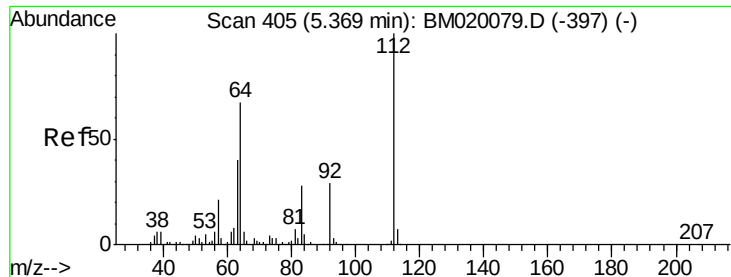


Abundance Ion 42.00 (41.70 to 42.70): BM020144.D (-109) (-)

Ion 74.00 (73.70 to 74.70): BM020144.D (-109) (-)

Ion 44.00 (43.70 to 44.70): BM020144.D (-109) (-)





#5

2-Fluorophenol

Concen: 156.460 ng

RT: 5.37 min Scan# 406

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

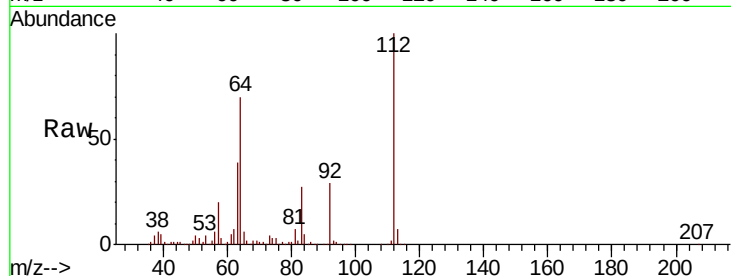
Tgt Ion:112 Resp: 1224672

Ion Ratio Lower Upper

112 100

64 69.6 53.8 80.6

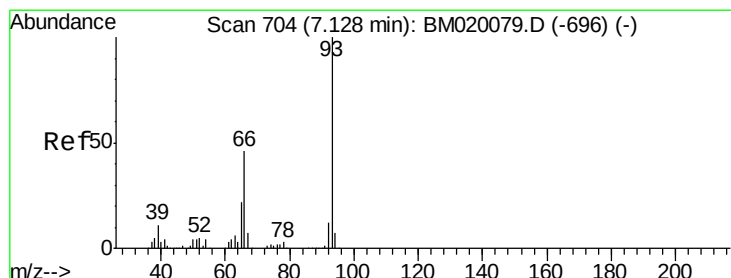
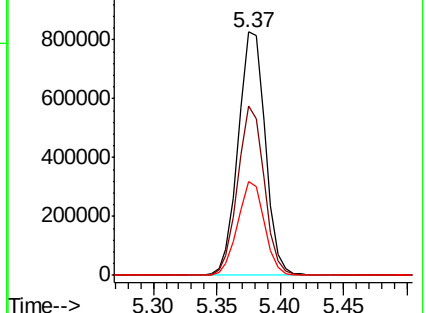
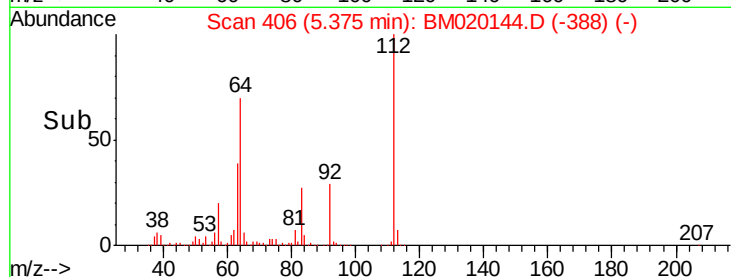
63 38.7 32.3 48.5



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: 23.135 ng

RT: 7.13 min Scan# 705

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

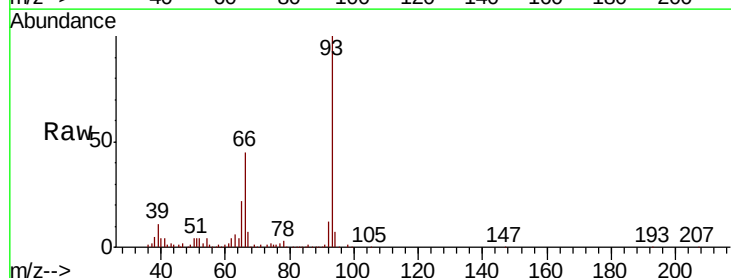
Tgt Ion: 93 Resp: 311422

Ion Ratio Lower Upper

93 100

66 44.9 36.6 54.8

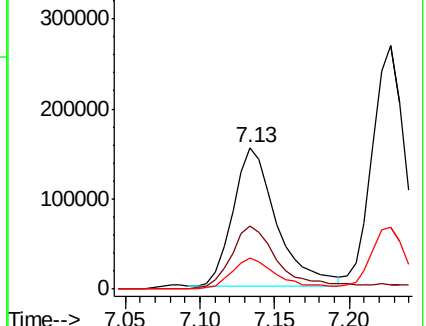
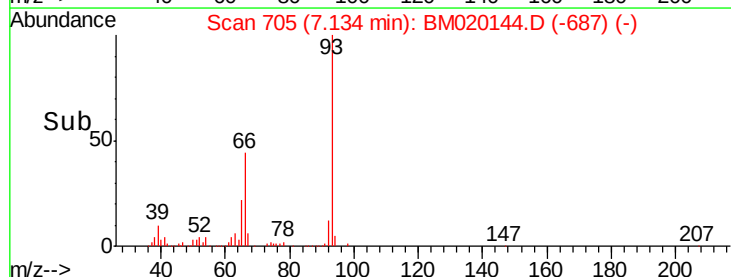
65 22.3 17.8 26.6

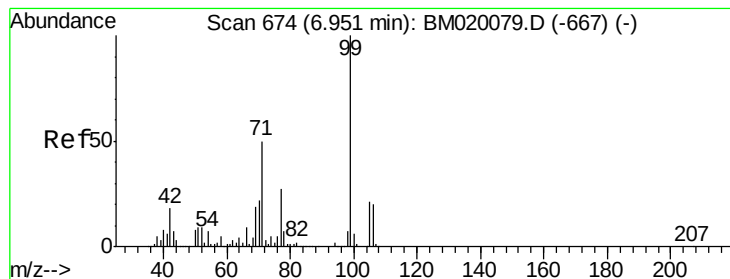


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 162.824 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

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BNA_M

ClientSampleId :

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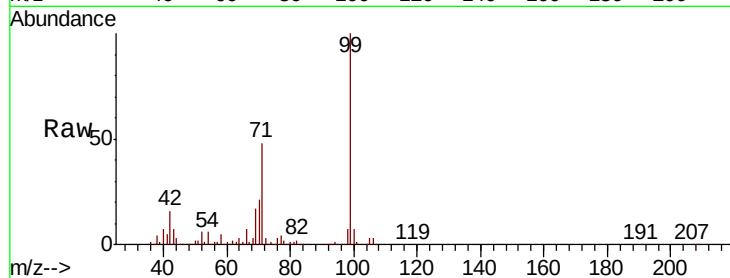
Tgt Ion: 99 Resp: 1741125

Ion Ratio Lower Upper

99 100

42 15.6 14.2 21.2

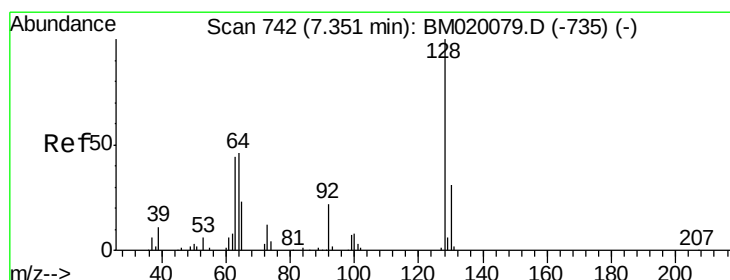
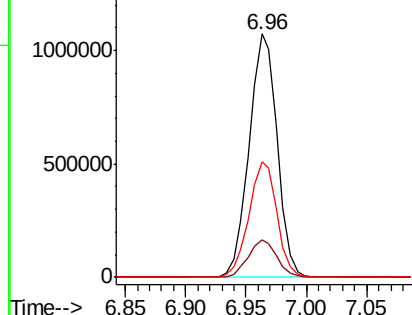
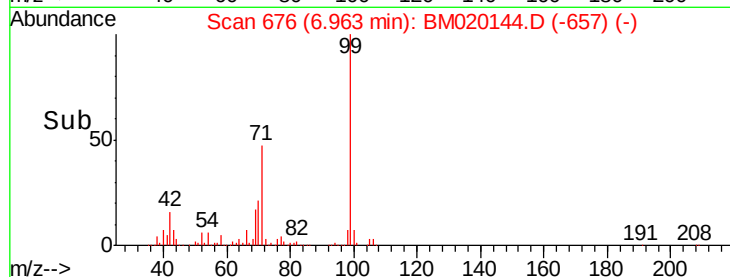
71 47.5 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#8

2-Chlorophenol

Concen: 46.916 ng

RT: 7.36 min Scan# 743

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

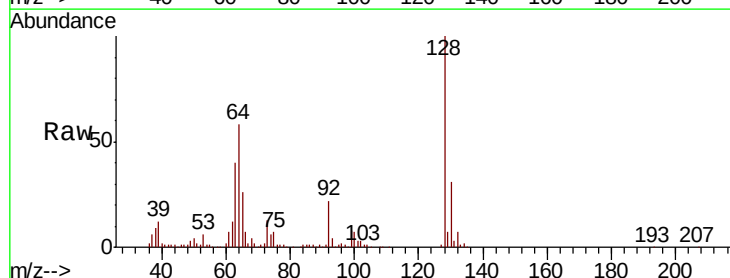
Tgt Ion: 128 Resp: 399862

Ion Ratio Lower Upper

128 100

130 31.3 10.8 50.8

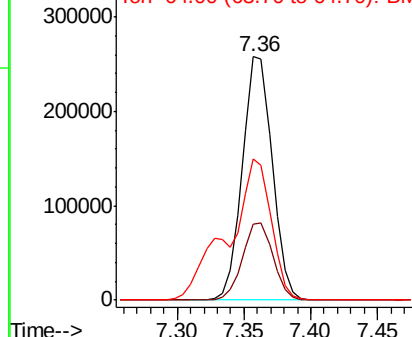
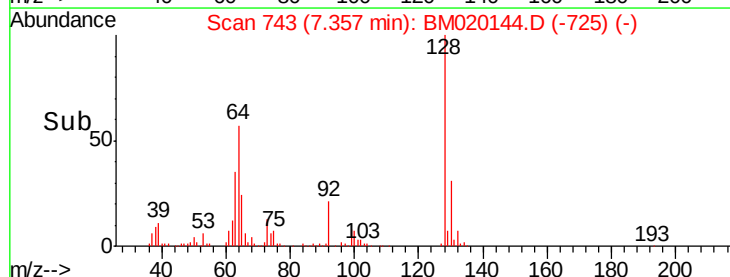
64 57.8 36.5 76.5

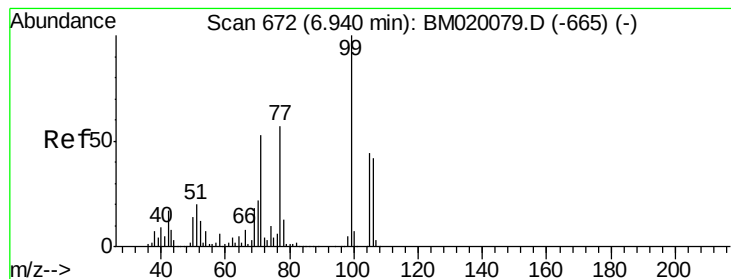


Abundance Ion 128.00 (127.70 to 128.70): BM020079.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM020079.D (-735) (-)





#9

Benzaldehyde

Concen: 37.292 ng

RT: 6.95 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

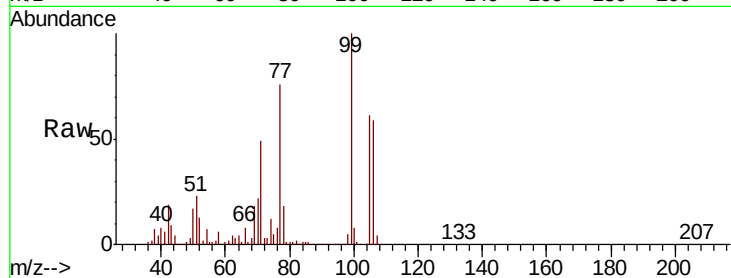
Tgt Ion: 77 Resp: 301819

Ion Ratio Lower Upper

77 100

105 80.2 57.8 97.8

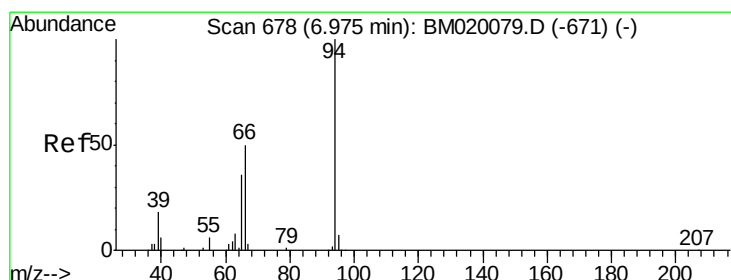
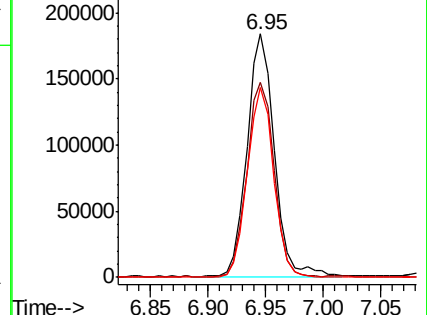
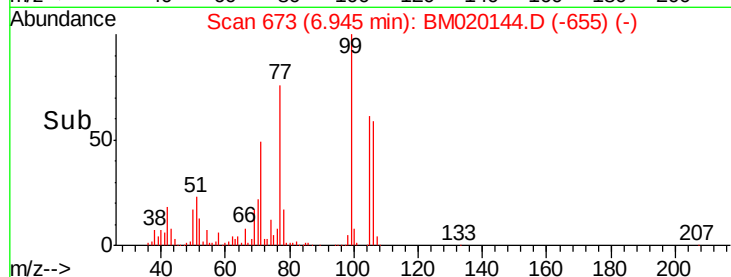
106 78.1 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020144.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM020144.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM020144.D (-655) (-)



#10

Phenol

Concen: 49.184 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.02 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

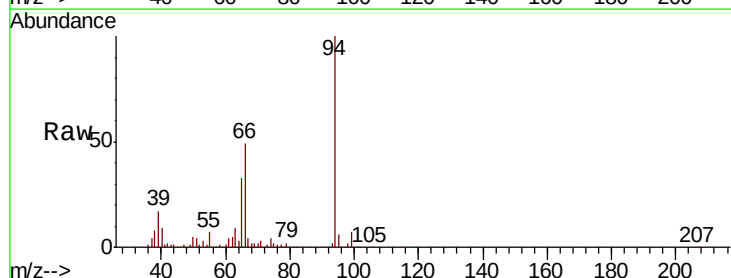
Tgt Ion: 94 Resp: 566189

Ion Ratio Lower Upper

94 100

65 33.2 17.0 57.0

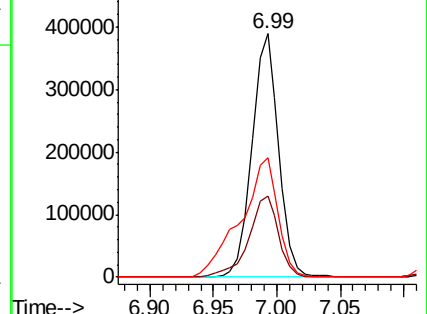
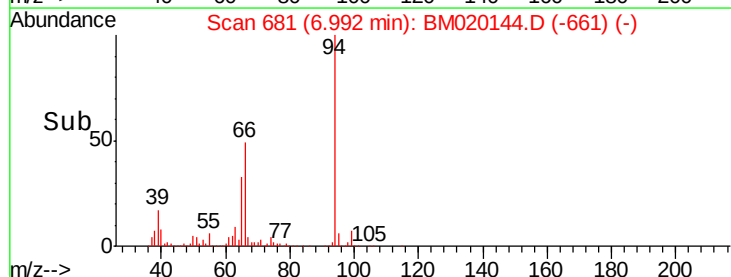
66 48.8 34.5 74.5

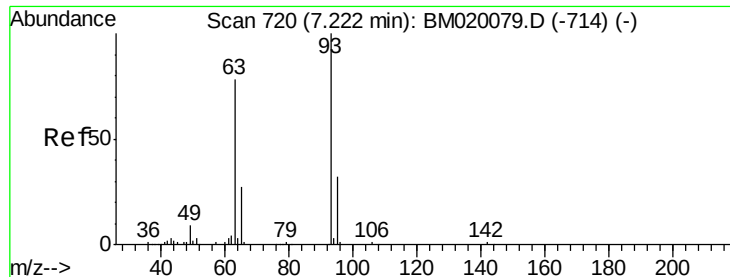


Abundance Ion 94.00 (93.70 to 94.70): BM020144.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020144.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020144.D (-661) (-)

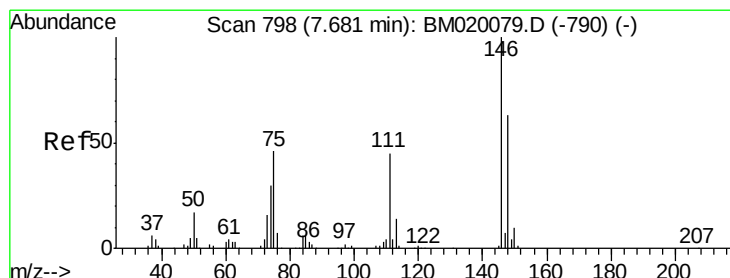
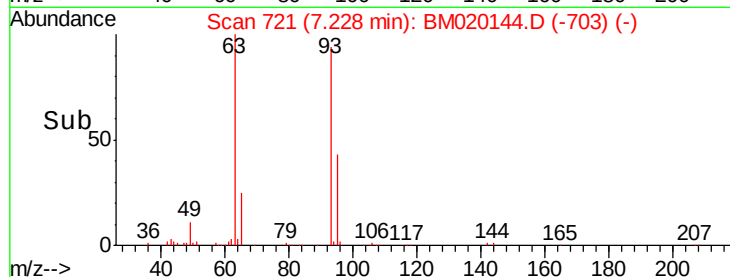
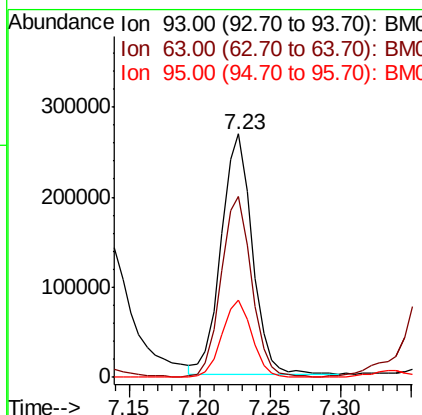
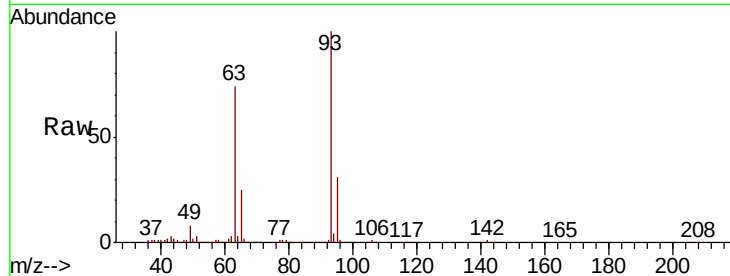




#11
 bis(2-Chloroethyl)ether
 Concen: 48.471 ng
 RT: 7.23 min Scan# 721
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

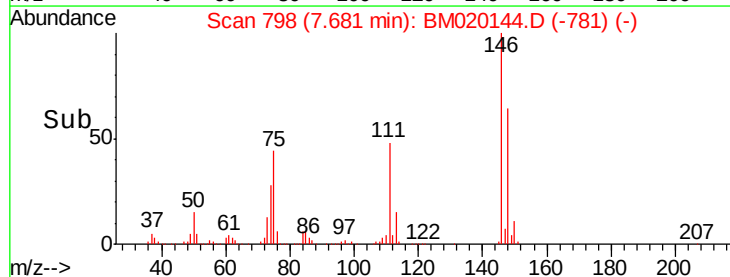
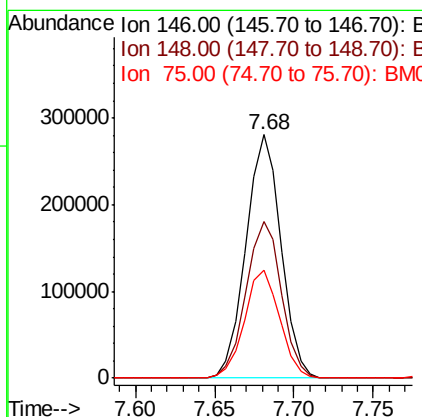
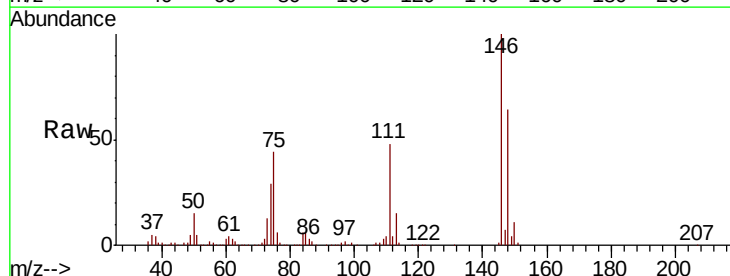
Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

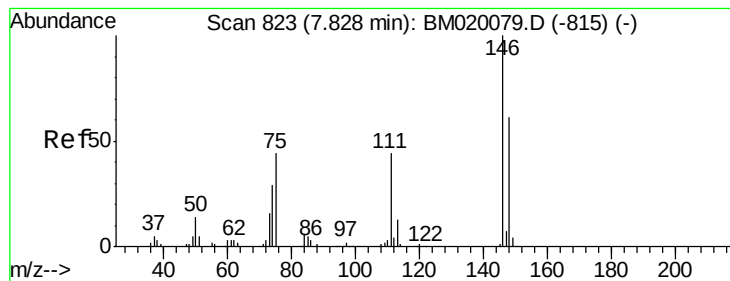
Tgt Ion: 93 Resp: 405550
 Ion Ratio Lower Upper
 93 100
 63 74.1 57.9 97.9
 95 31.5 11.3 51.3



#12
 1,3-Dichlorobenzene
 Concen: 43.535 ng
 RT: 7.68 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion: 146 Resp: 431700
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.1 75.1
 75 44.2 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 43.434 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

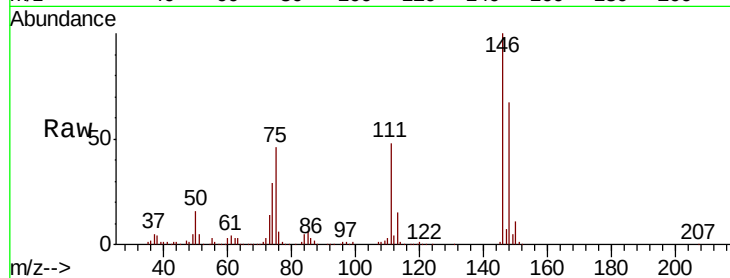
Tgt Ion:146 Resp: 435098

Ion Ratio Lower Upper

146 100

148 66.5 48.5 72.7

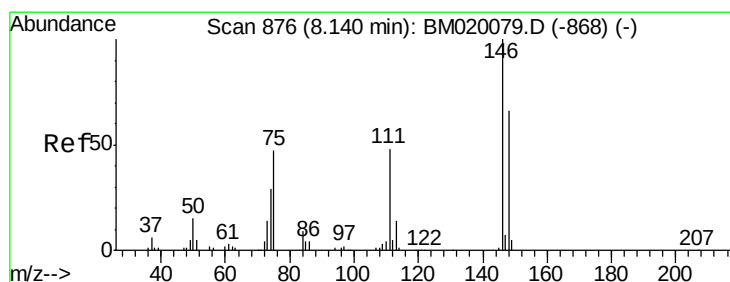
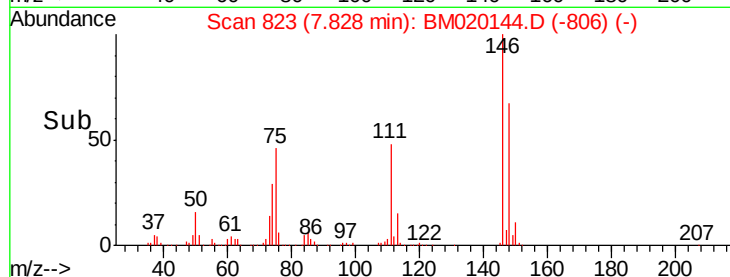
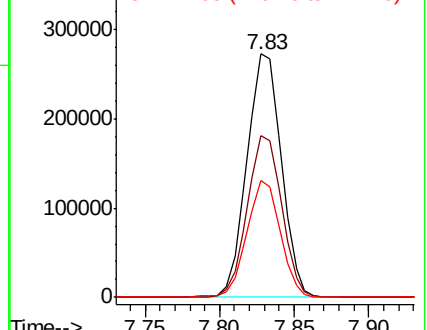
111 47.8 35.7 53.5



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: 44.123 ng

RT: 8.15 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

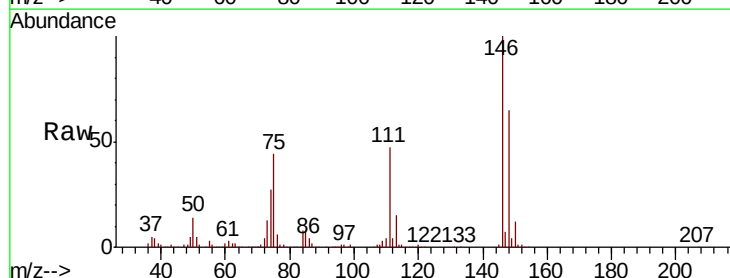
Tgt Ion:146 Resp: 421096

Ion Ratio Lower Upper

146 100

148 65.2 52.6 79.0

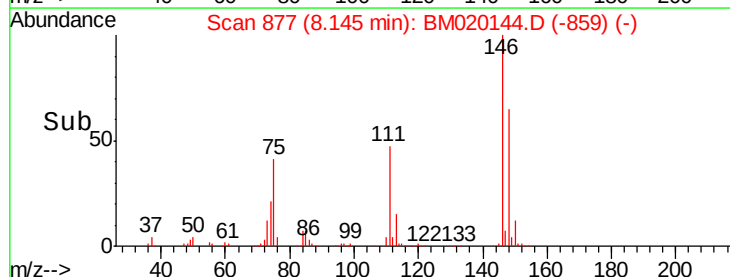
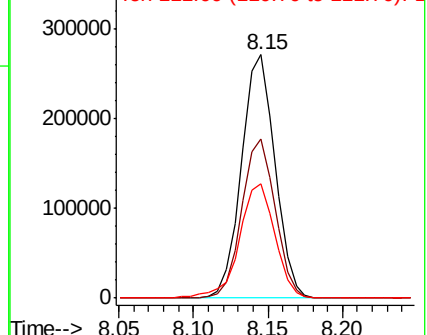
111 47.0 39.0 58.4

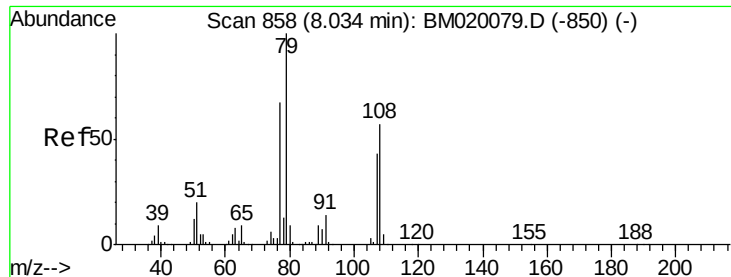


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

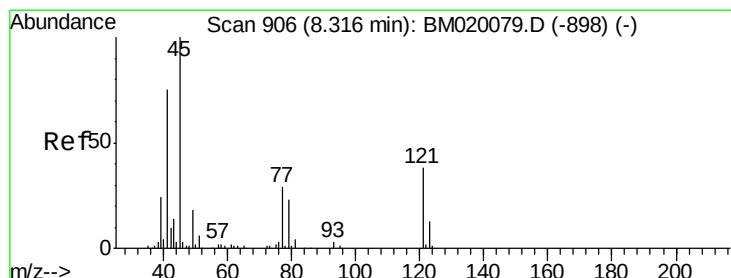
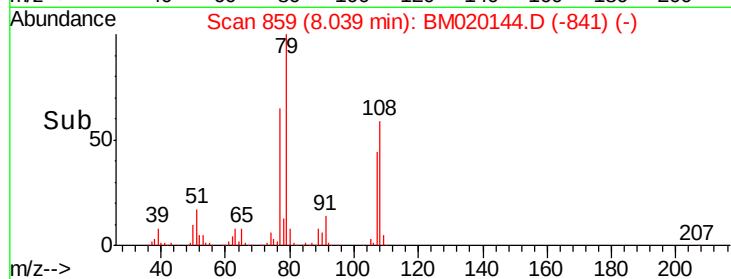
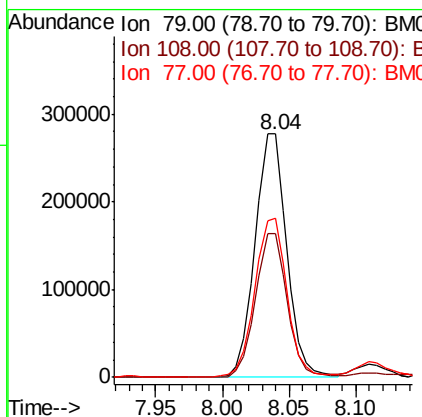
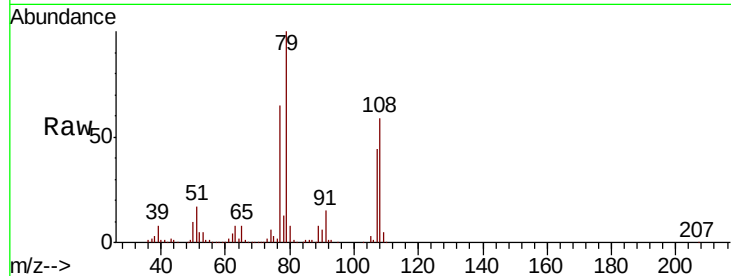




#15
Benzyl Alcohol
Concen: 43.983 ng
RT: 8.04 min Scan# 859
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

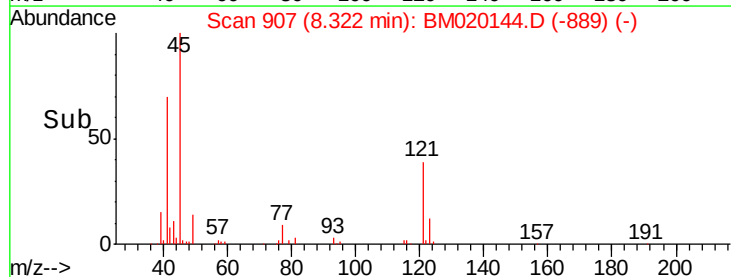
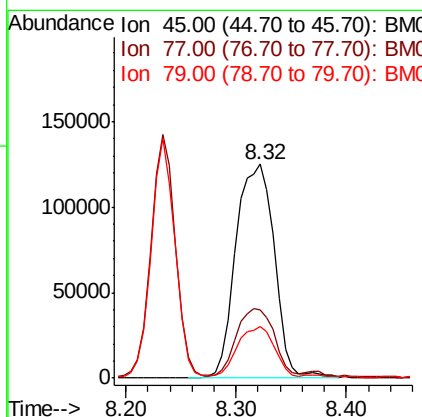
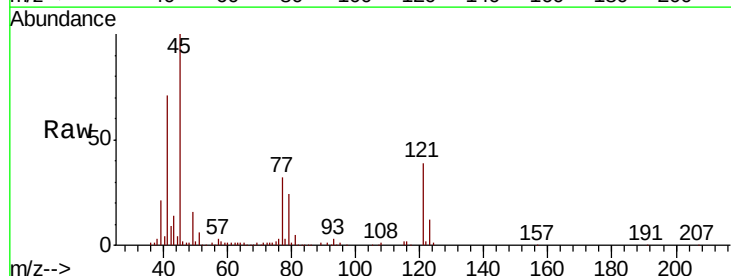
Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

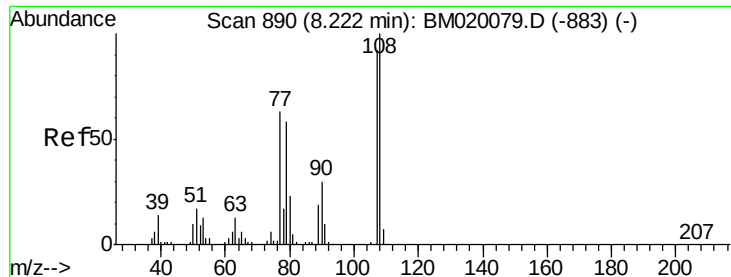
Tgt Ion: 79 Resp: 453515
Ion Ratio Lower Upper
79 100
108 59.1 46.0 69.0
77 65.2 53.8 80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.291 ng
RT: 8.32 min Scan# 907
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion: 45 Resp: 307286
Ion Ratio Lower Upper
45 100
77 31.9 10.5 50.5
79 23.9 3.3 43.3

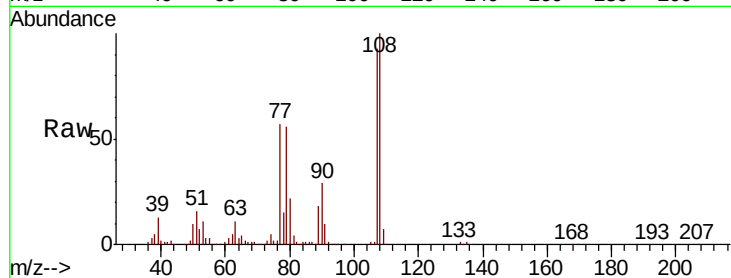




#17
2-Methylphenol
Concen: 47.557 ng
RT: 8.23 min Scan# 892
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tgt Ion:	107	Resp:	352422
Ion	Ratio	Lower	Upper
107	100		
108	107.9	87.0	130.4
77	61.8	54.7	82.1
79	60.8	50.1	75.1



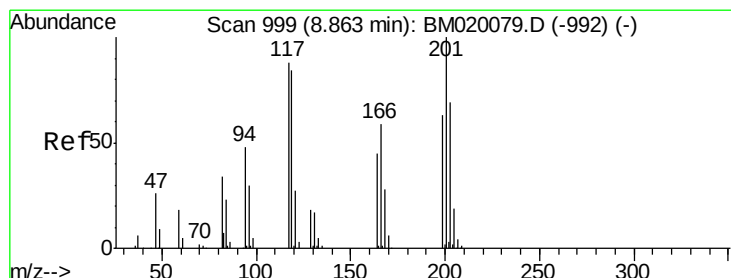
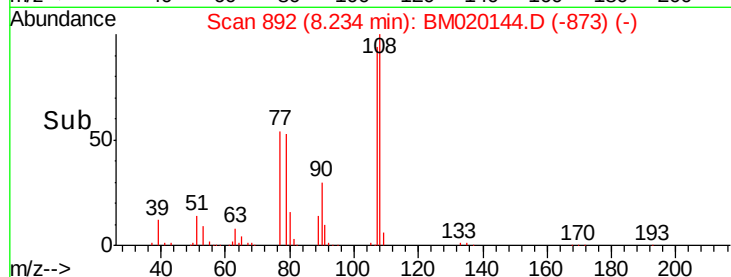
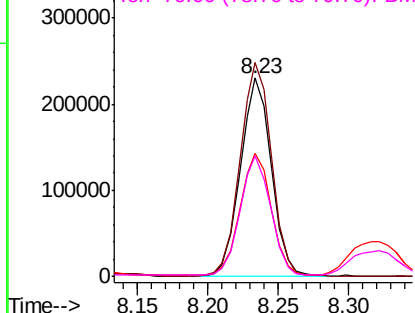
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

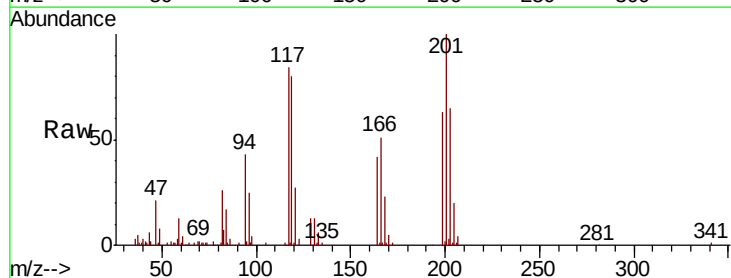
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 22.614 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion:	117	Resp:	94456
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	114.8
201	119.2	90.7	136.1

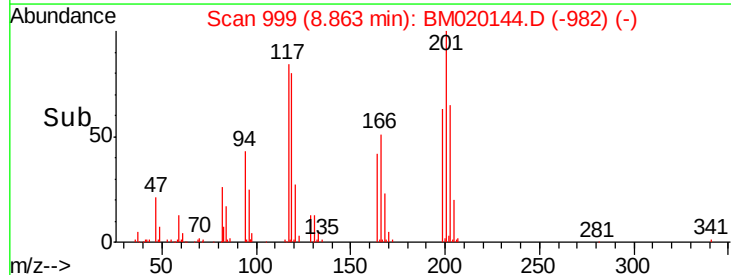
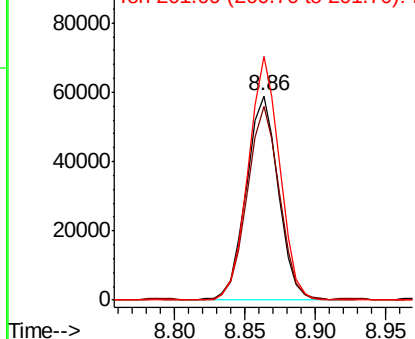


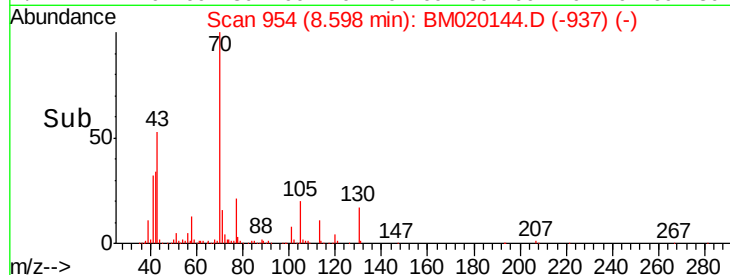
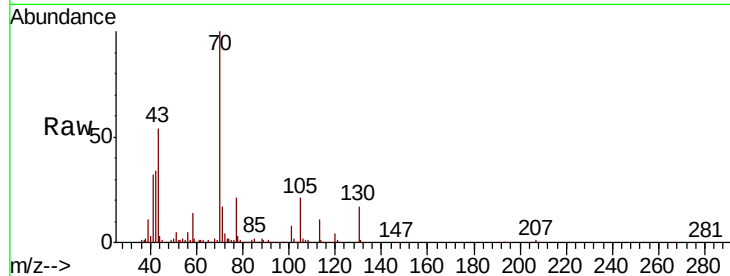
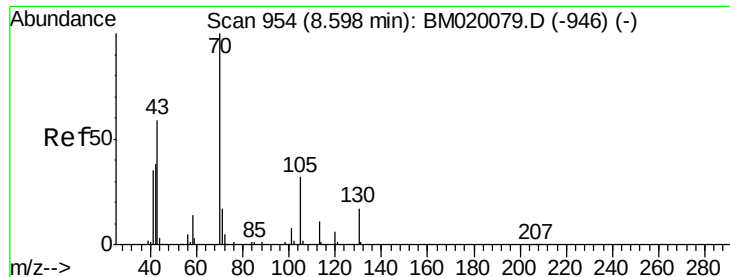
Abundance

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

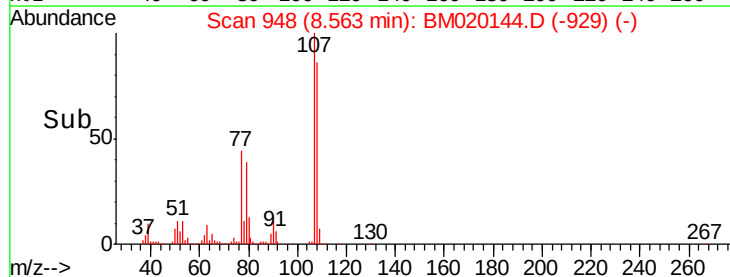
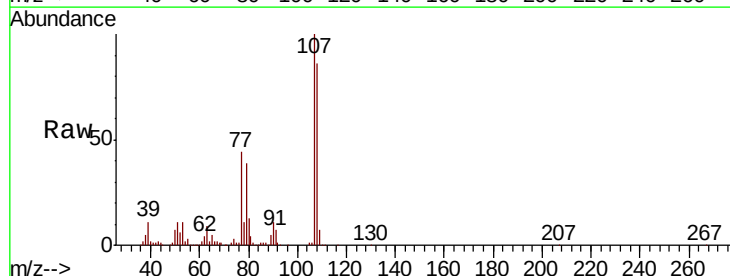
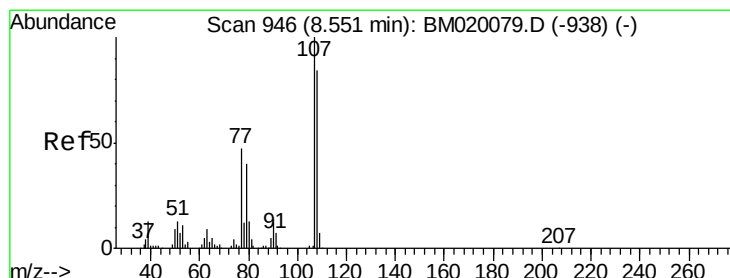
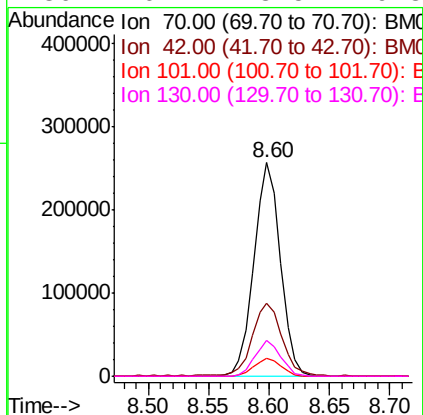




#19
n-Nitroso-di-n-propylamine
Concen: 43.045 ng
RT: 8.60 min Scan# 954
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

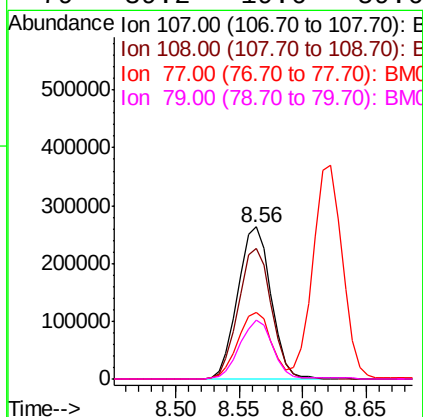
Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

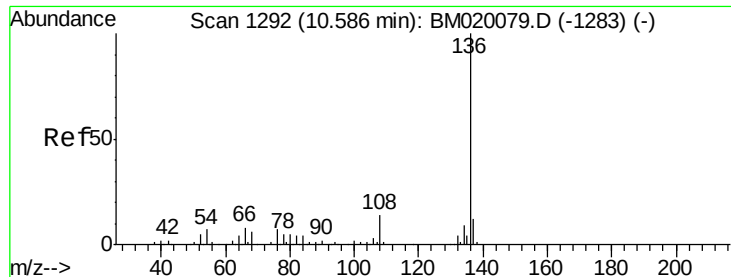
Tgt Ion:	70	Resp:	393806
Ion	Ratio	Lower	Upper
70	100		
42	34.3	31.0	46.4
101	8.5	6.2	9.2
130	16.7	13.5	20.3



#20
3+4-Methylphenols
Concen: 48.934 ng
RT: 8.56 min Scan# 948
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion:	107	Resp:	481944
Ion	Ratio	Lower	Upper
107	100		
108	86.2	64.4	104.4
77	44.0	27.2	67.2
79	39.2	19.6	59.6

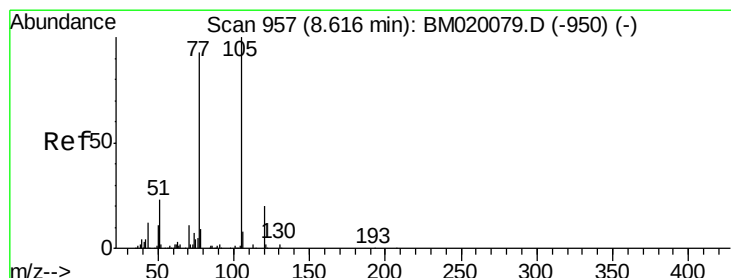
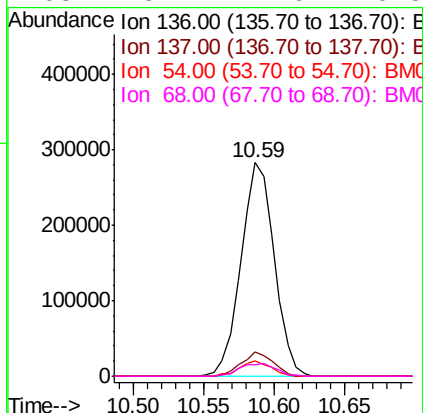
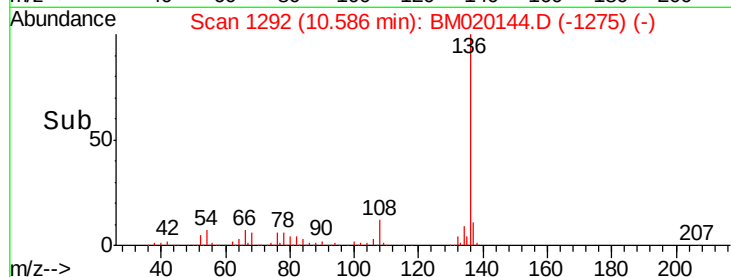
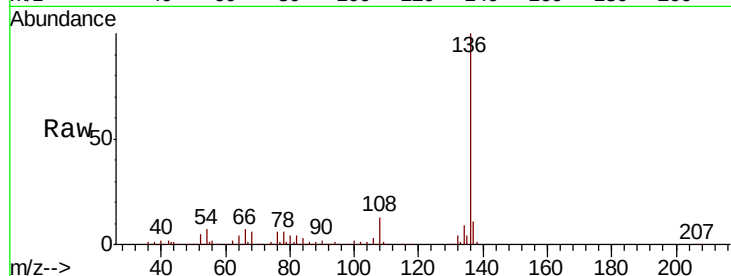




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

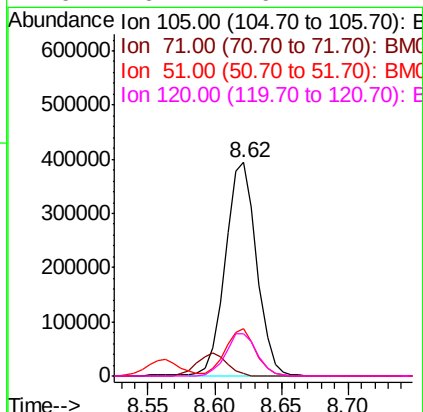
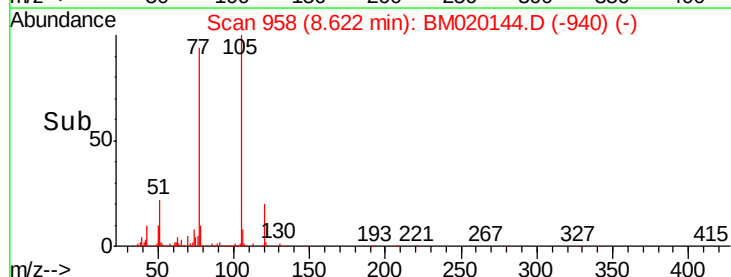
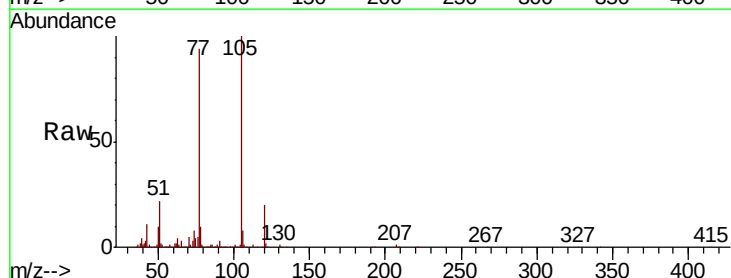
Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

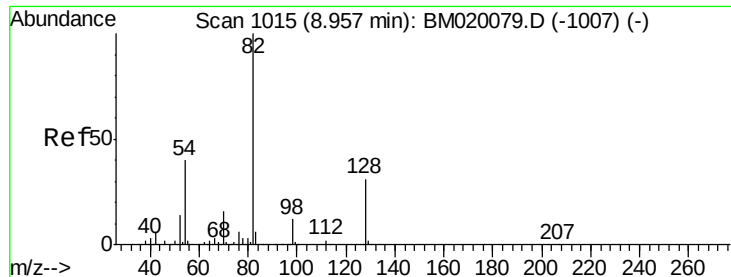
Tgt Ion:	136	Resp:	466050
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	7.0	5.5	8.3
68	5.7	4.6	6.8



#22
Acetophenone
Concen: 50.321 ng
RT: 8.62 min Scan# 958
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion:	105	Resp:	640955
Ion	Ratio	Lower	Upper
105	100		
71	0.9	2.2	3.2#
51	22.0	19.3	28.9
120	20.1	16.2	24.4





#23

Nitrobenzene-d5

Concen: 102.579 ng

RT: 8.96 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

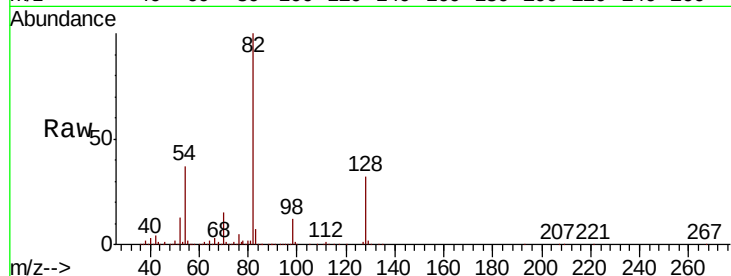
Tgt Ion: 82 Resp: 1210917

Ion Ratio Lower Upper

82 100

128 32.4 25.2 37.8

54 37.0 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)

8.96

800000

600000

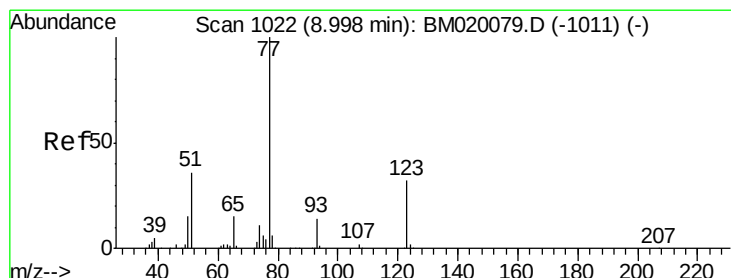
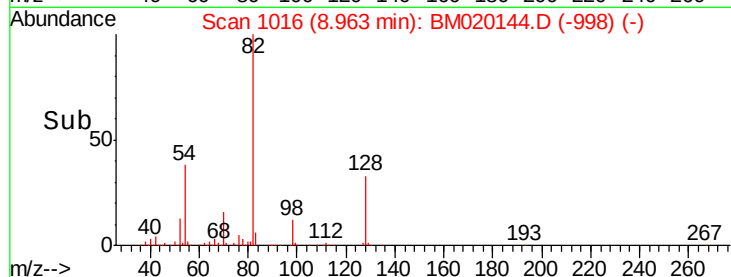
400000

200000

0

8.85 8.90 8.95 9.00 9.05

Time-->



#24

Nitrobenzene

Concen: 45.782 ng

RT: 9.00 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

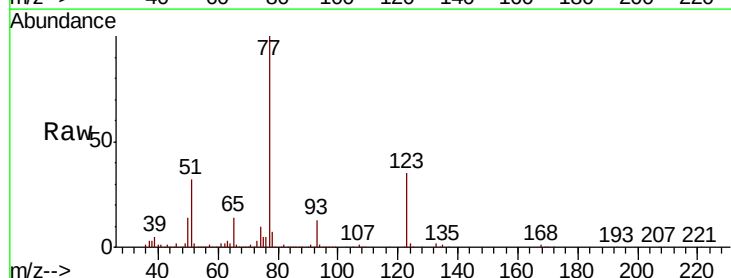
Tgt Ion: 77 Resp: 560345

Ion Ratio Lower Upper

77 100

123 35.0 25.5 38.3

65 14.4 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-1011) (-)

Ion 123.00 (122.70 to 123.70): BM020079.D (-1011) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1011) (-)

9.00

400000

300000

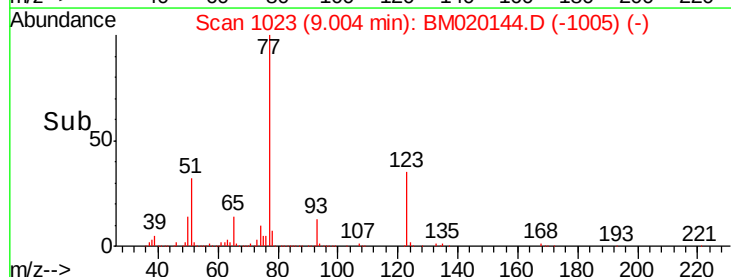
200000

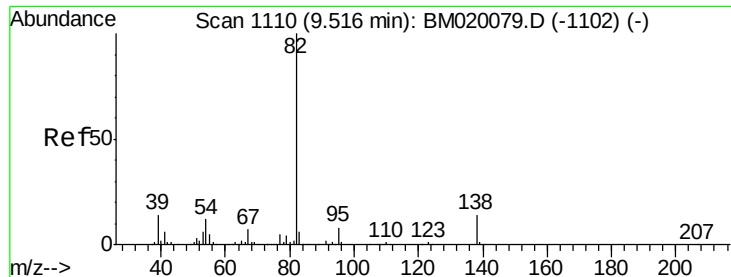
100000

0

8.90 9.00 9.10

Time-->

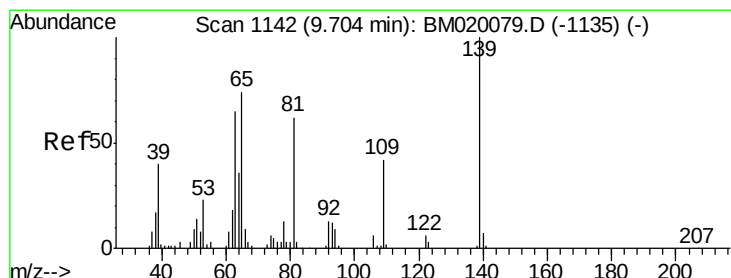
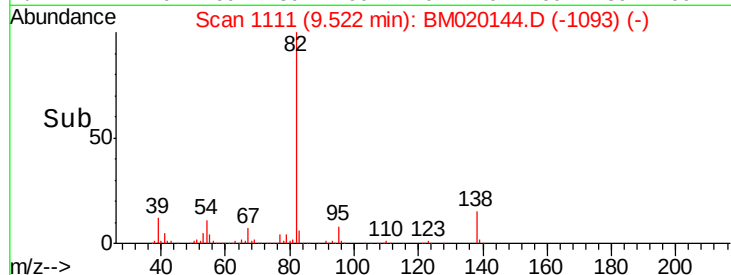
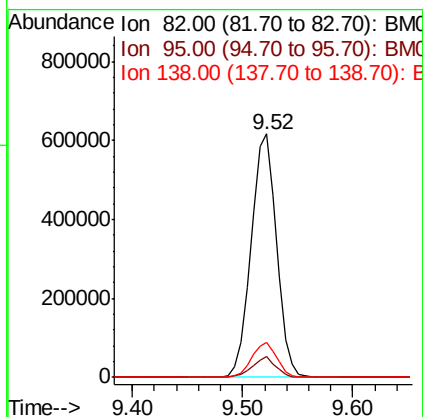
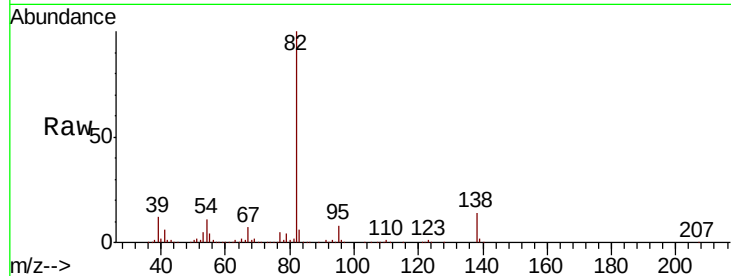




#25
Isophorone
Concen: 49.175 ng
RT: 9.52 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

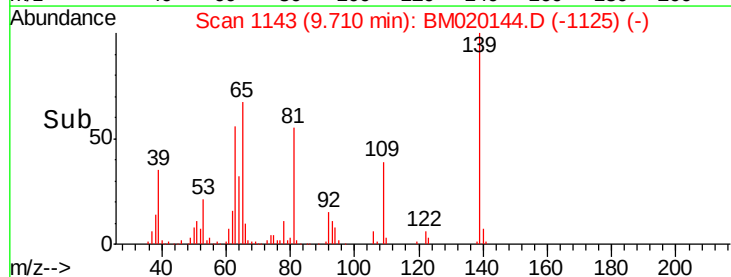
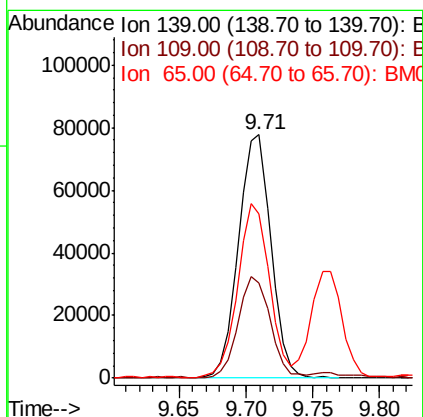
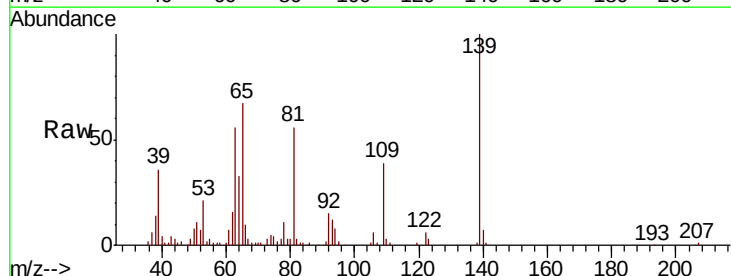
Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

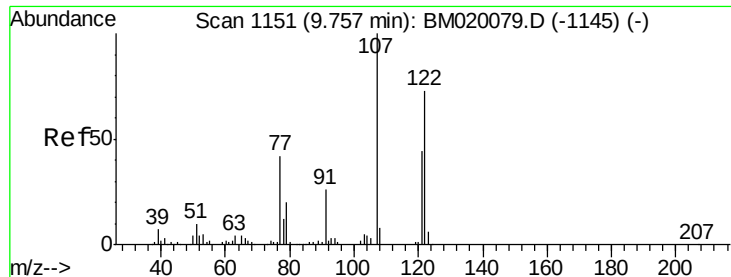
Tgt Ion: 82 Resp: 1001050
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 14.5 11.1 16.7



#26
2-Nitrophenol
Concen: 35.281 ng
RT: 9.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion: 139 Resp: 130366
Ion Ratio Lower Upper
139 100
109 39.0 33.7 50.5
65 67.5 59.5 89.3

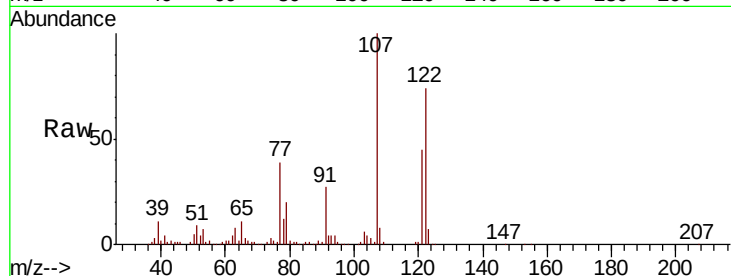




#27
 2,4-Dimethylphenol
 Concen: 58.327 ng
 RT: 9.76 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.1	108.6	162.8
121	61.1	47.4	71.2

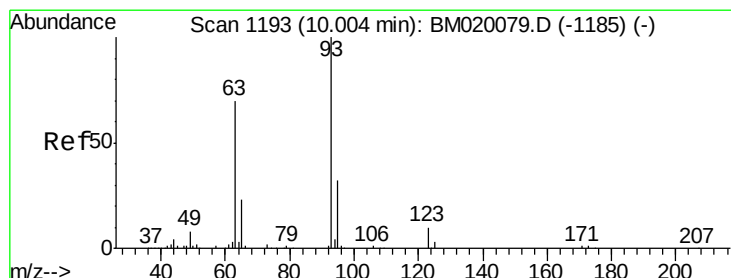
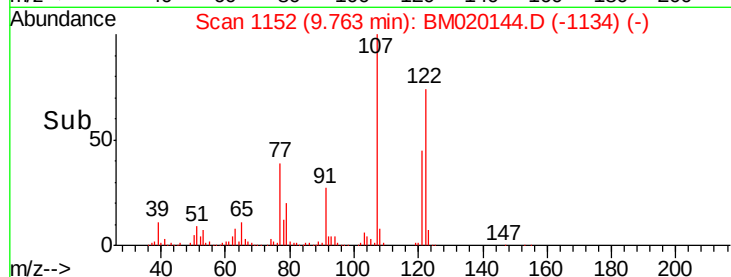
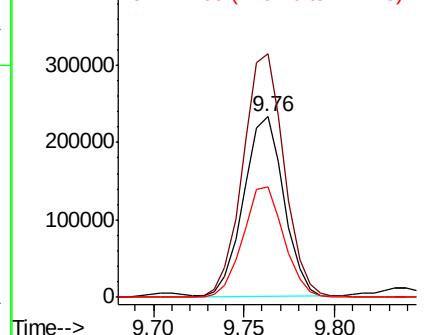


Abundance

Ion 122.00 (121.70 to 122.70): E

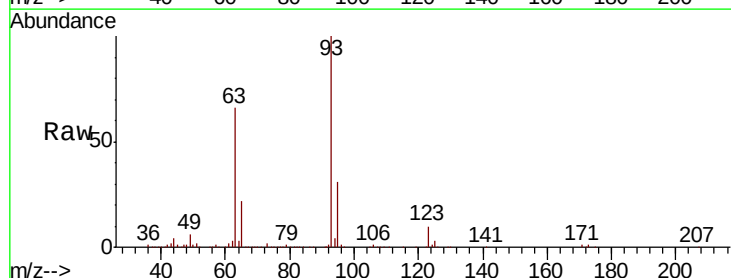
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.043 ng
 RT: 10.00 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.5	38.3
123	10.2	7.6	11.4

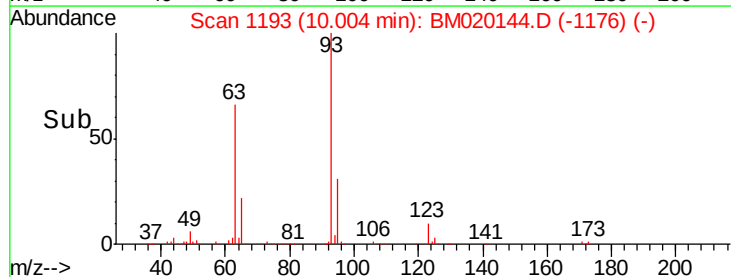
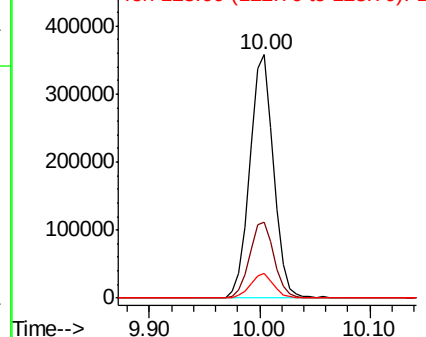


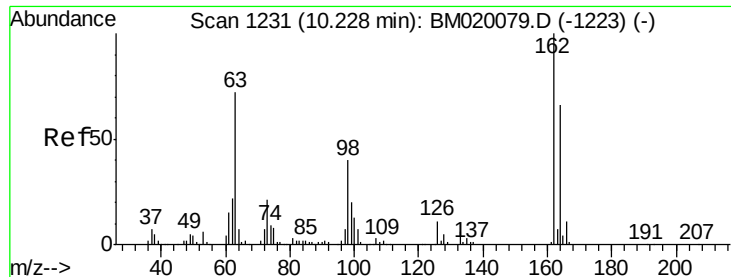
Abundance

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

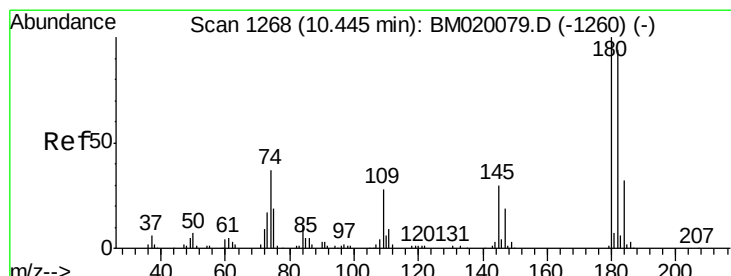
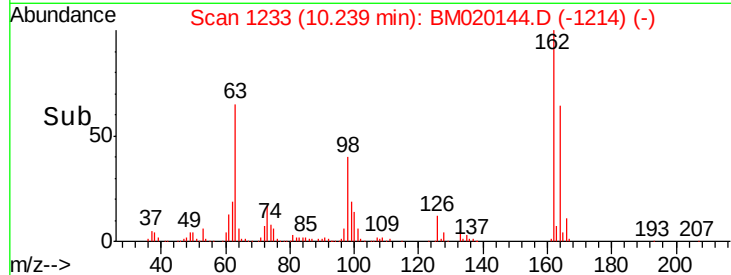
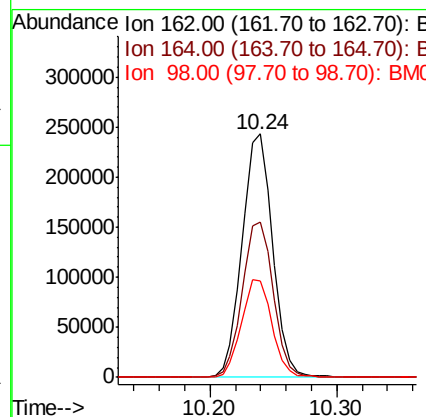
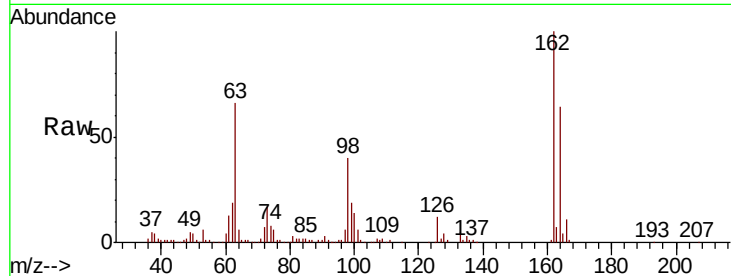




#29
 2,4-Dichlorophenol
 Concen: 52.428 ng
 RT: 10.24 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

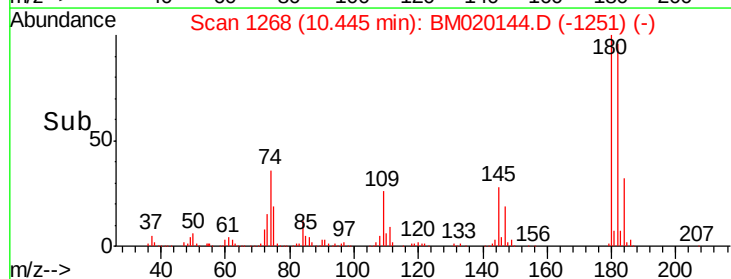
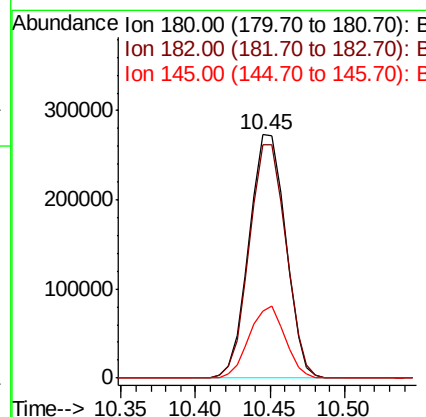
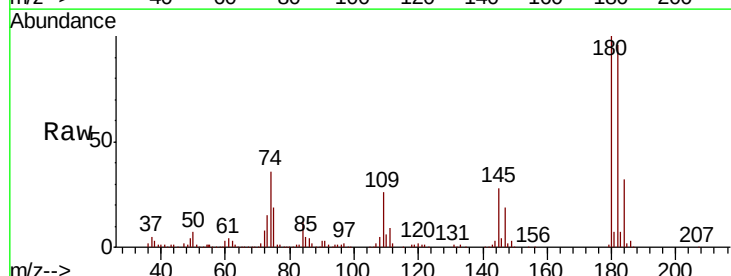
Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

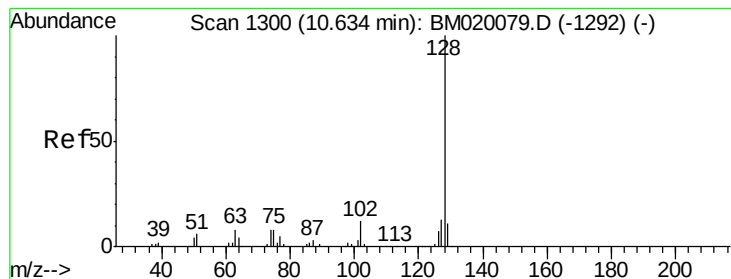
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.6	85.6
98	39.7	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 48.697 ng
 RT: 10.45 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.4	113.0
145	27.8	23.8	35.8

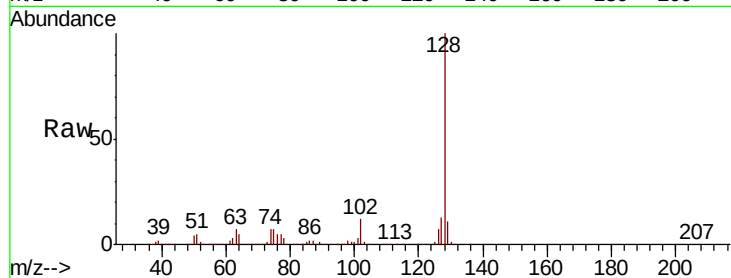




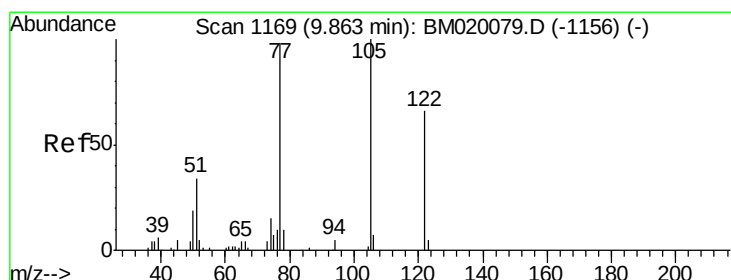
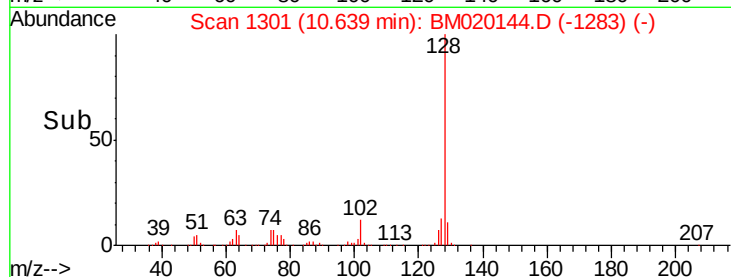
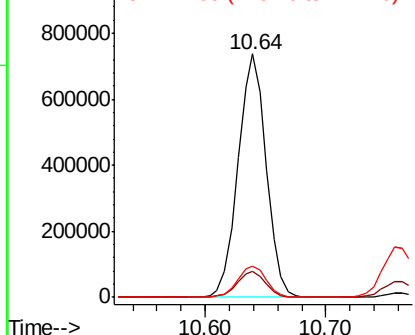
#31
Naphthalene
Concen: 49.410 ng
RT: 10.64 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tgt Ion:128 Resp: 1194978
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.0 10.4 15.6

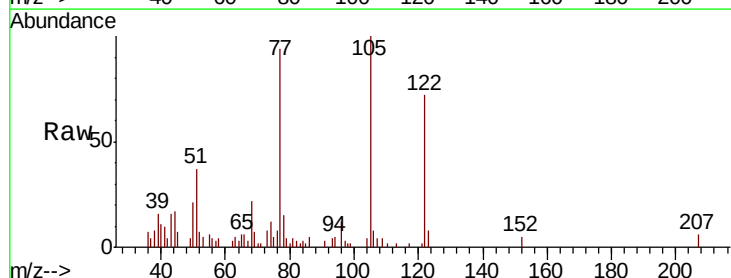


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

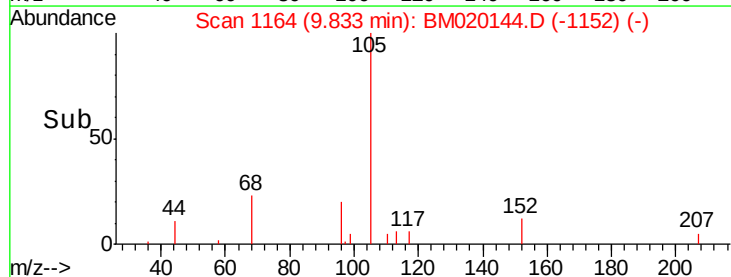
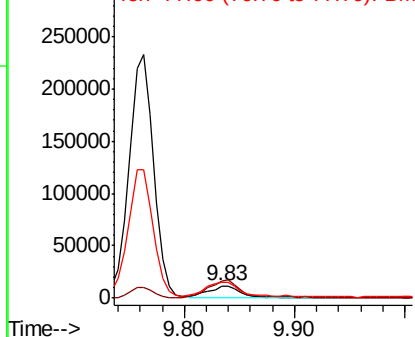


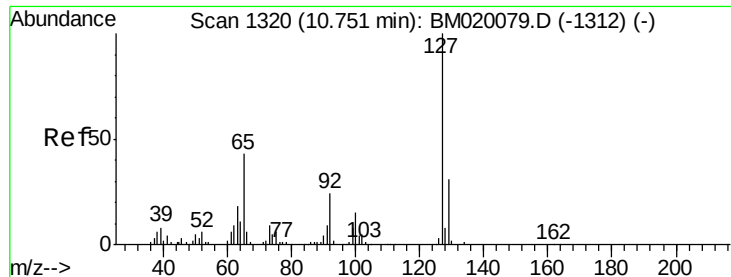
#32
Benzoic acid
Concen: 11.710 ng
RT: 9.83 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion:122 Resp: 25885
Ion Ratio Lower Upper
122 100
105 139.7 122.5 162.5
77 130.7 123.3 163.3



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

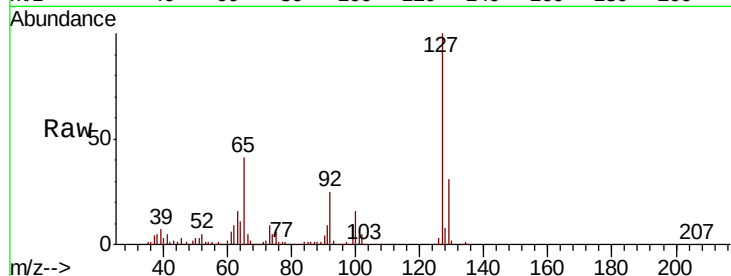




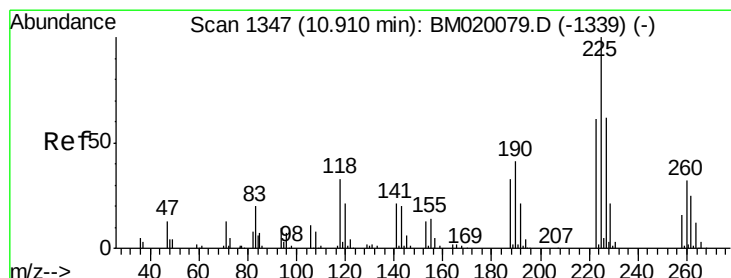
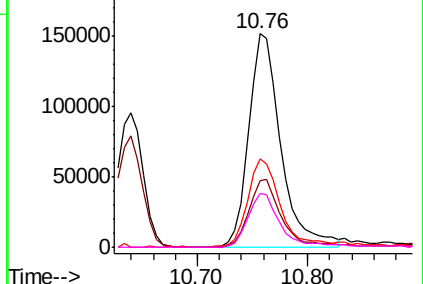
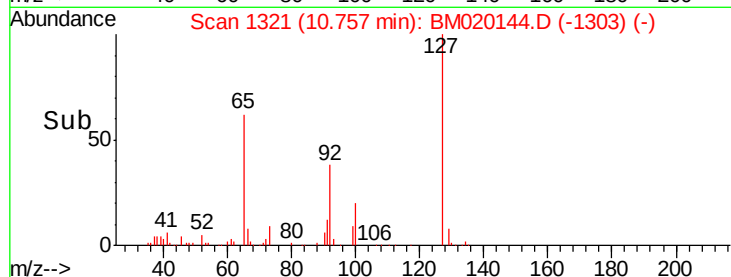
#33
4-Chloroaniline
Concen: 31.267 ng
RT: 10.76 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tgt Ion:	127	Resp:	311238
Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.7	37.1
65	41.2	34.6	52.0
92	25.2	19.5	29.3

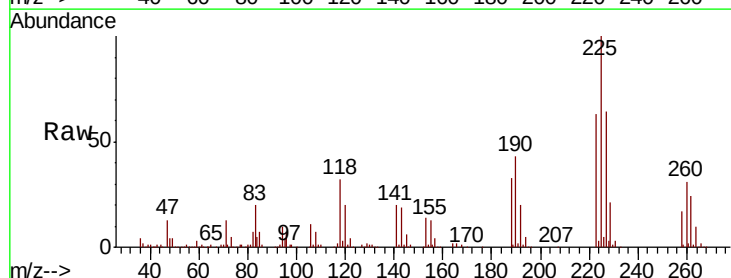


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

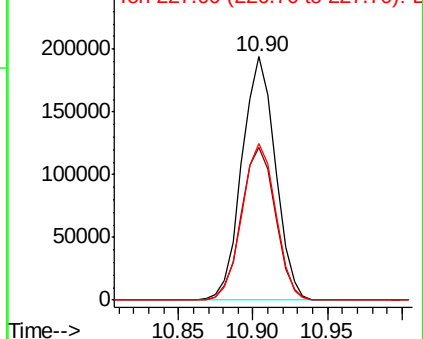
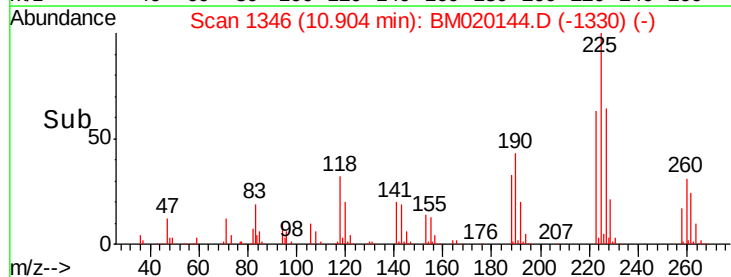


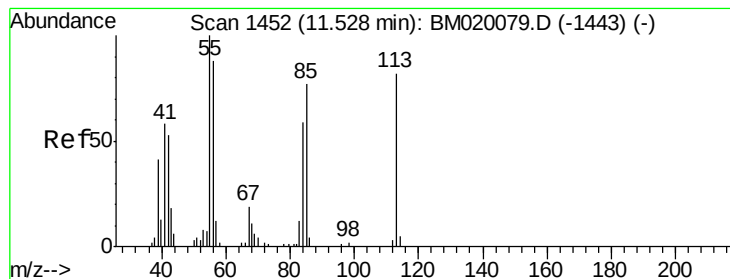
#34
Hexachlorobutadiene
Concen: 44.573 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion:	225	Resp:	300963
Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.9	73.3
227	64.1	49.6	74.4



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





#35

Caprolactam

Concen: 46.769 ng

RT: 11.56 min Scan# 1458

Delta R.T. 0.04 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

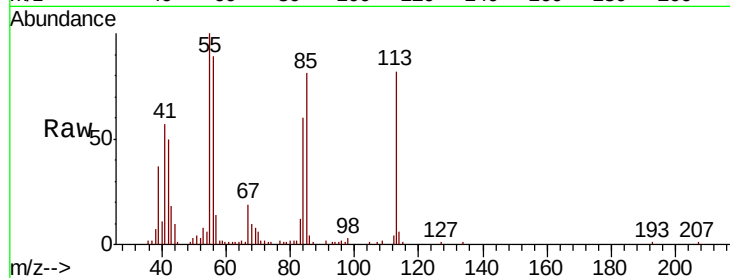
Tgt Ion:113 Resp: 108481

Ion Ratio Lower Upper

113 100

55 121.7 102.5 142.5

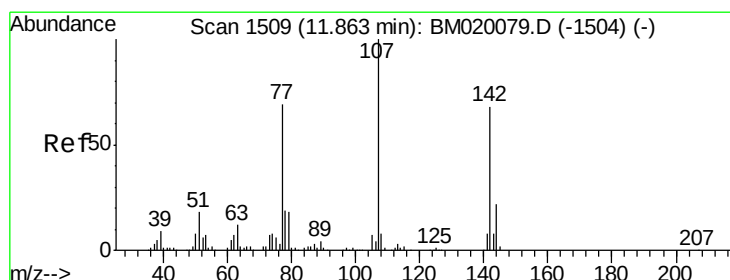
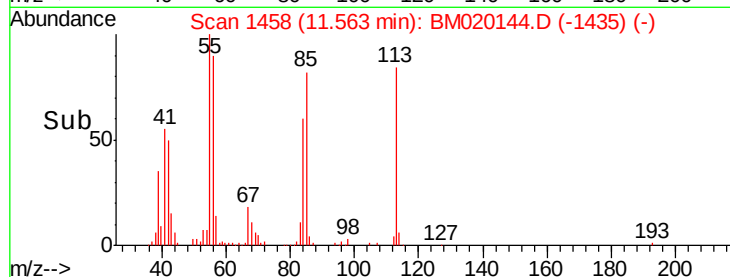
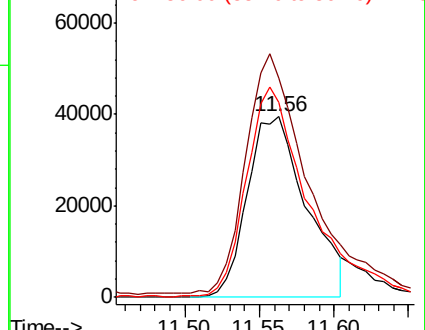
56 108.0 87.7 127.7



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: 49.180 ng

RT: 11.88 min Scan# 1512

Delta R.T. 0.02 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

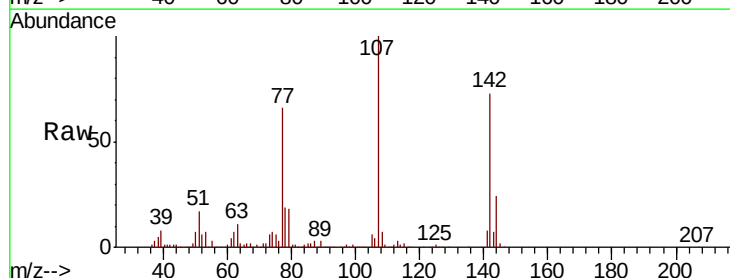
Tgt Ion:107 Resp: 448316

Ion Ratio Lower Upper

107 100

144 24.1 17.6 26.4

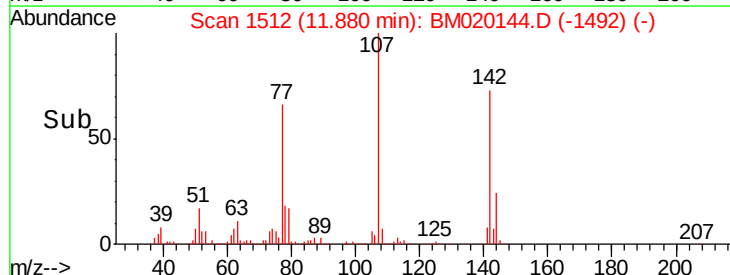
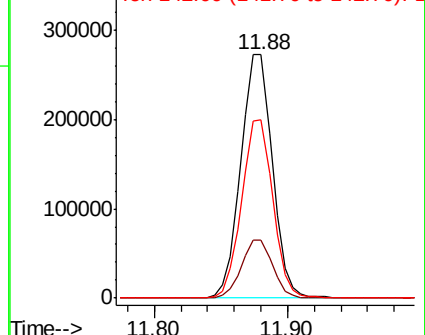
142 73.1 54.6 82.0

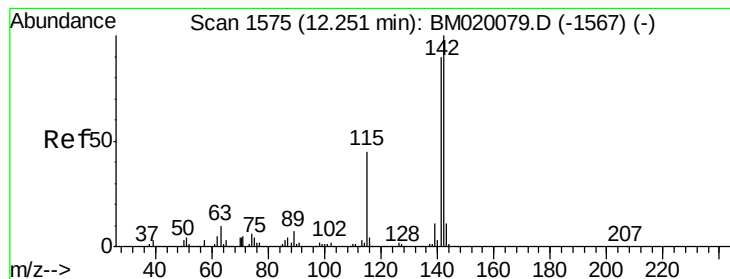


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.202 ng

RT: 12.25 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

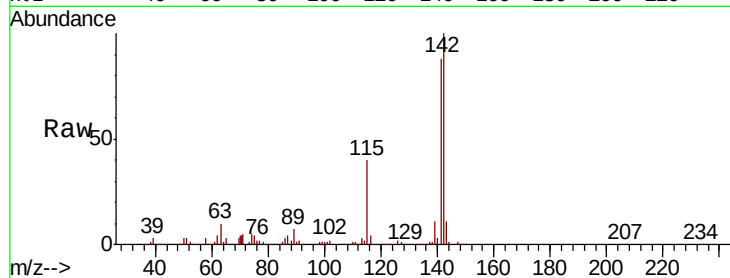
Tgt Ion:142 Resp: 867518

Ion Ratio Lower Upper

142 100

141 88.3 71.6 107.4

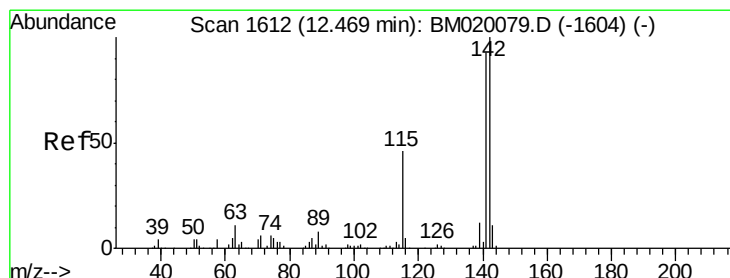
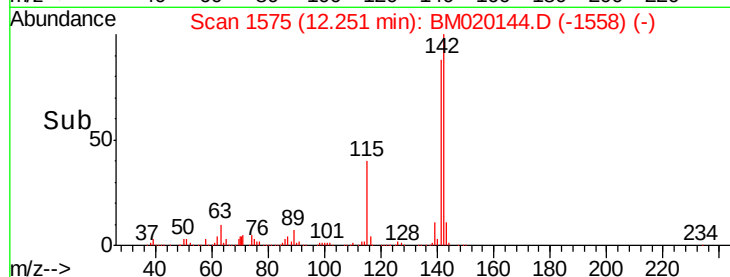
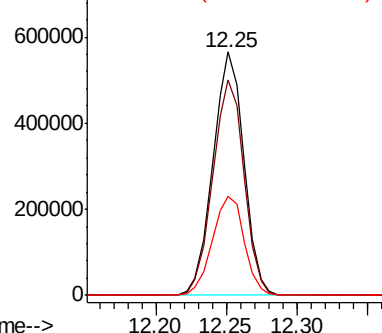
115 40.5 35.8 53.6



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: 47.816 ng

RT: 12.47 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

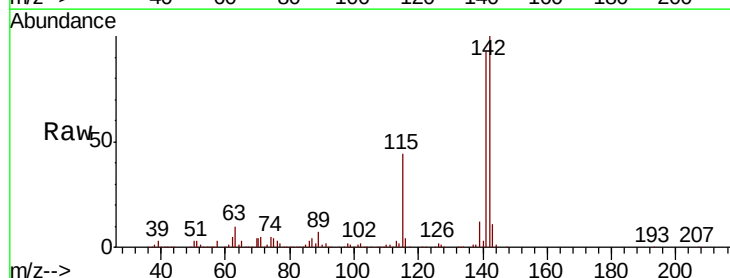
Tgt Ion:142 Resp: 824417

Ion Ratio Lower Upper

142 100

141 92.8 74.8 112.2

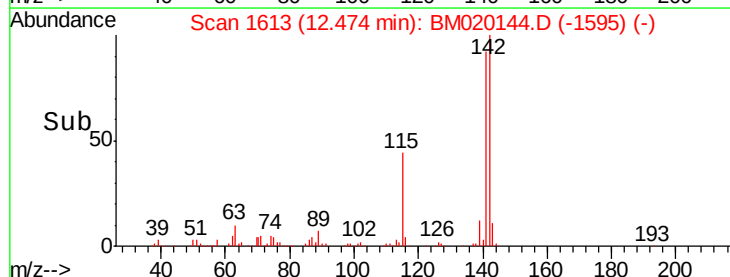
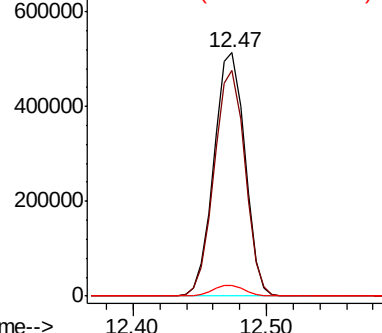
116 4.4 3.9 5.9

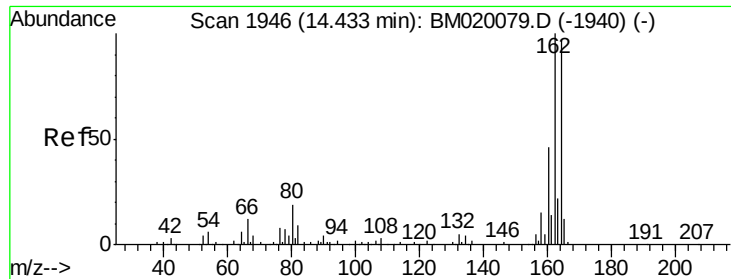


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.44 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

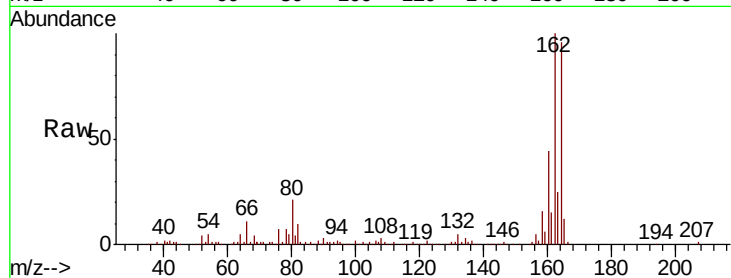
Tgt Ion:164 Resp: 278626

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.2

160 45.5 37.6 56.4

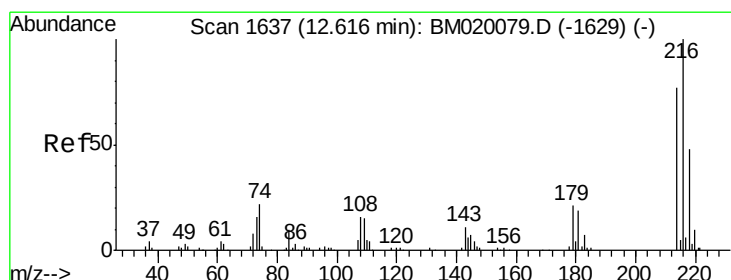
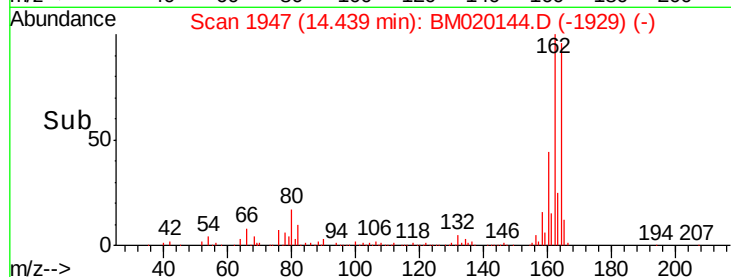
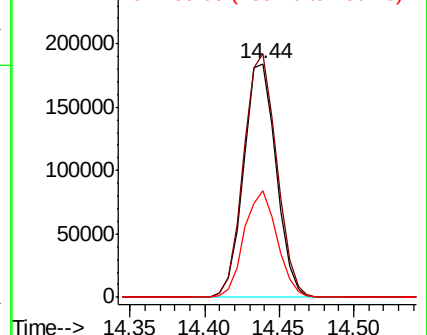


Abundance

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: 49.802 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Tgt Ion:216 Resp: 542890

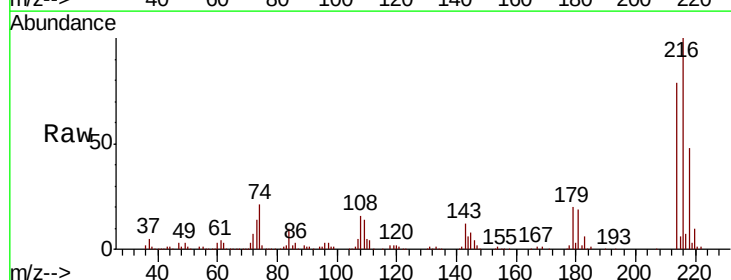
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 20.6 17.1 25.7

108 15.8 15.8 23.6



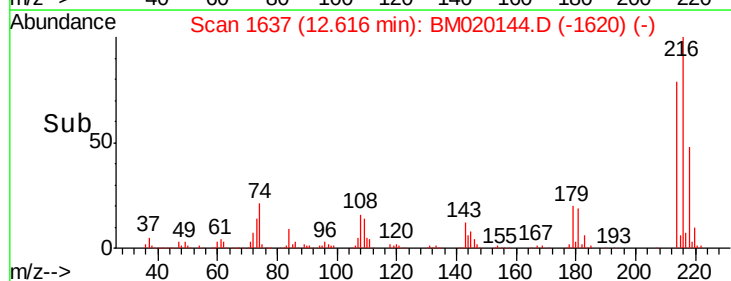
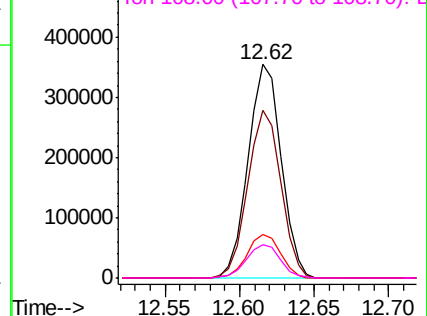
Abundance

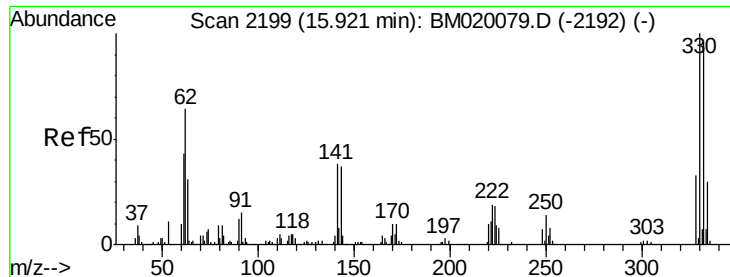
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#42

2,4,6-Tribromophenol

Concen: 169.627 ng

RT: 15.93 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

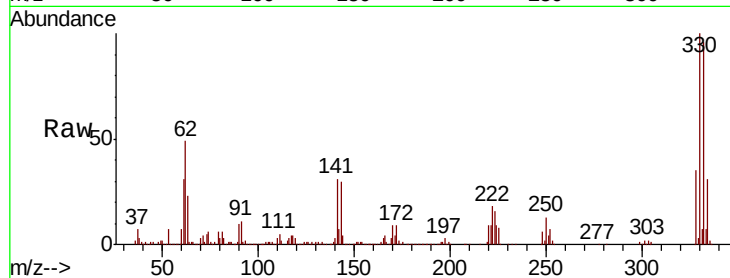
Tgt Ion:330 Resp: 733601

Ion Ratio Lower Upper

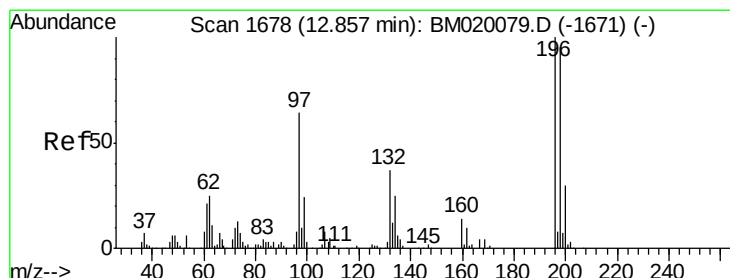
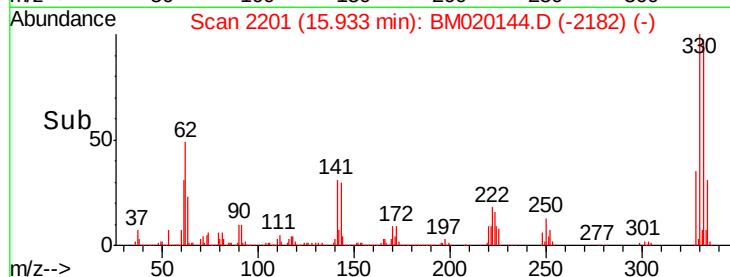
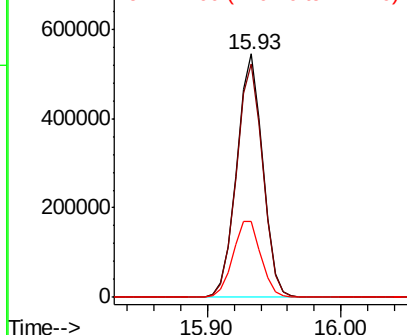
330 100

332 97.6 76.8 115.2

141 33.8 29.2 43.8



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: 57.925 ng

RT: 12.86 min Scan# 1679

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

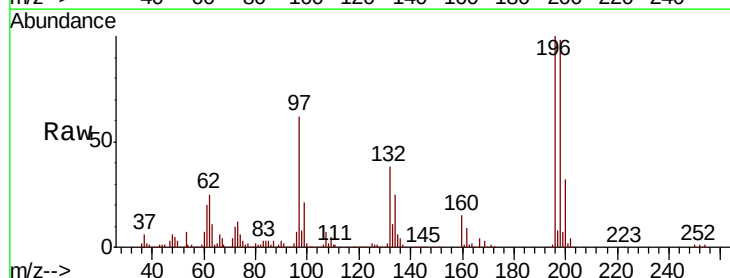
Tgt Ion:196 Resp: 358864

Ion Ratio Lower Upper

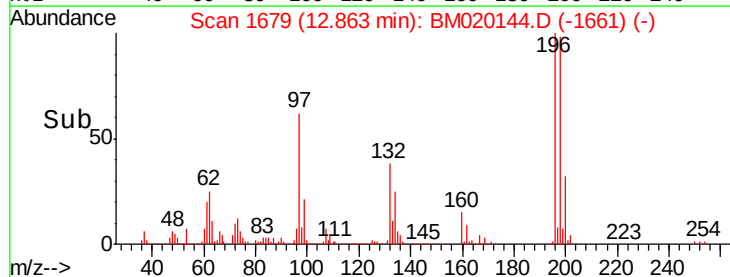
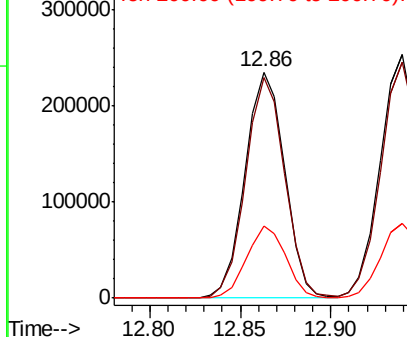
196 100

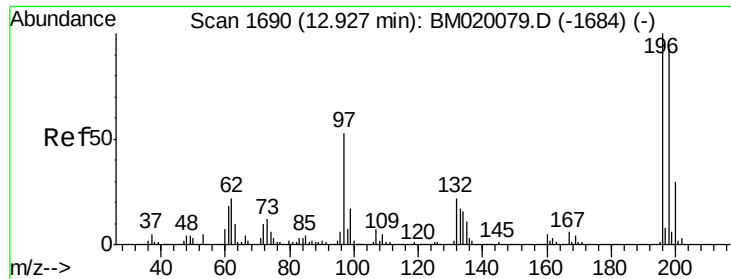
198 97.9 76.2 114.2

200 31.8 24.3 36.5



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

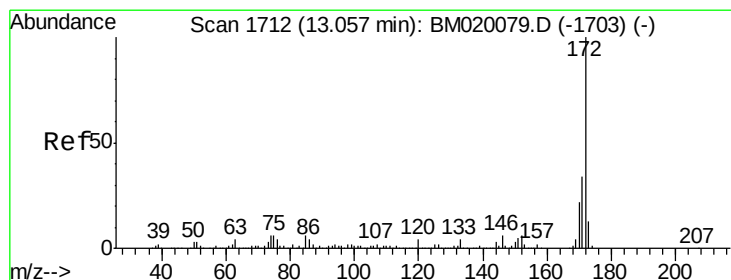
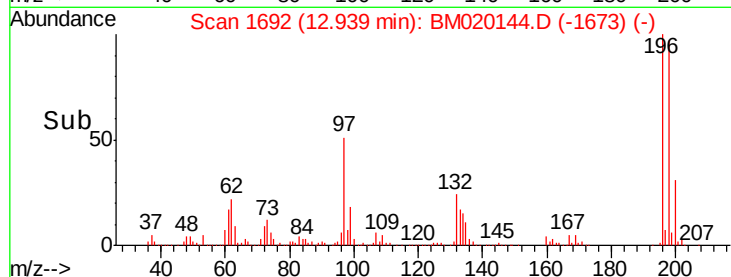
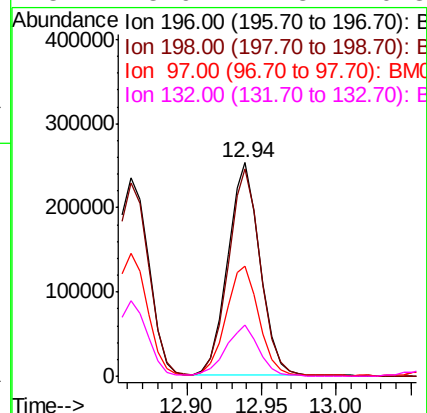
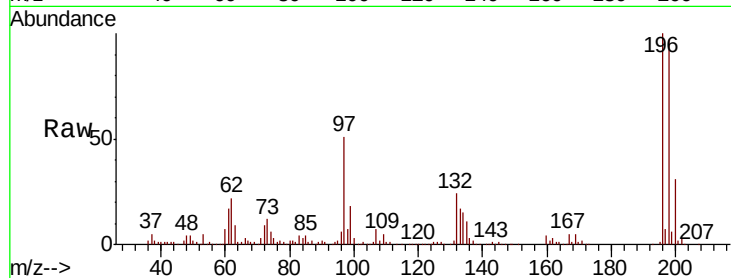




#44
 2,4,5-Trichlorophenol
 Concen: 55.223 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

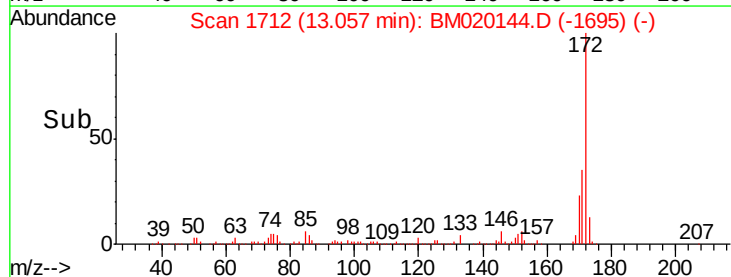
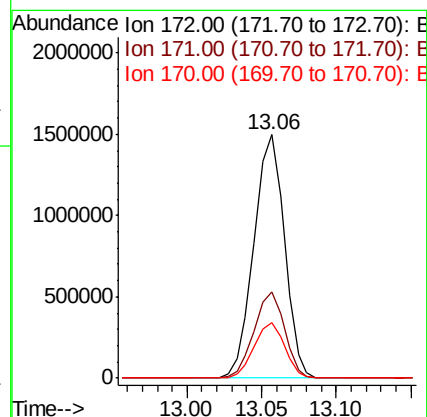
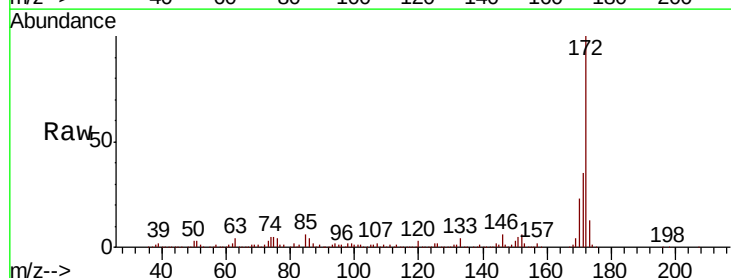
Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

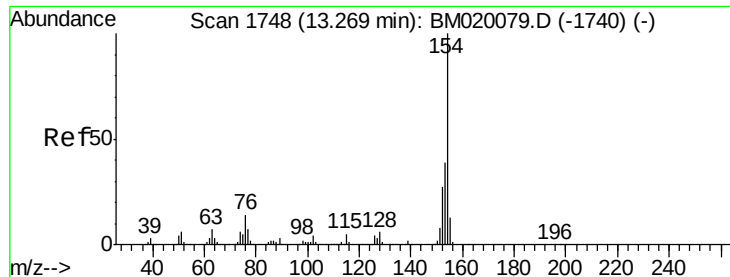
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.7	112.1
97	51.4	42.2	63.4
132	23.9	17.8	26.8



#45
 2-Fluorobiphenyl
 Concen: 93.253 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	23.0	17.9	26.9

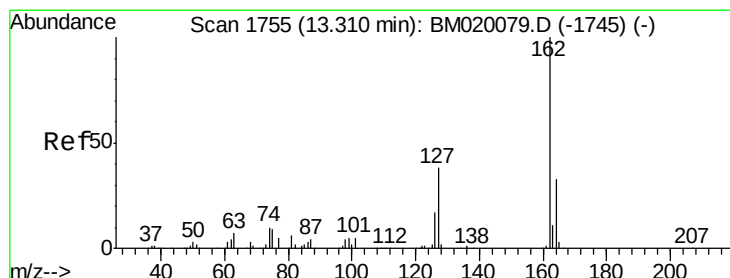
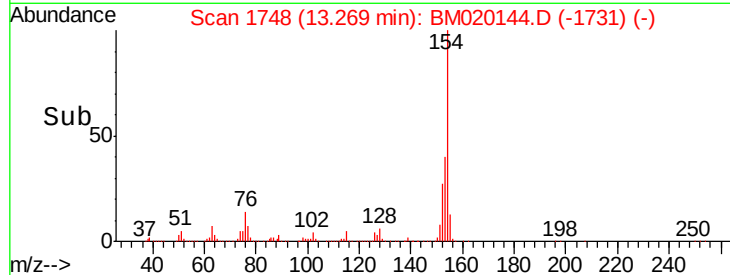
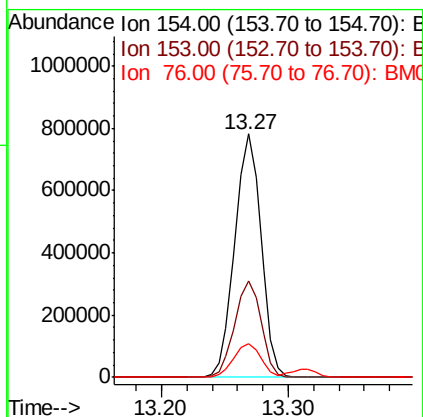
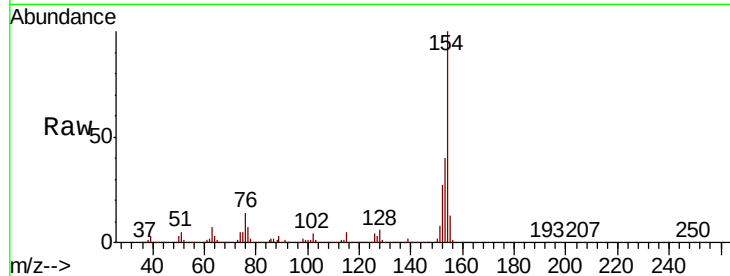




#46
 1,1'-Biphenyl
 Concen: 48.838 ng
 RT: 13.27 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

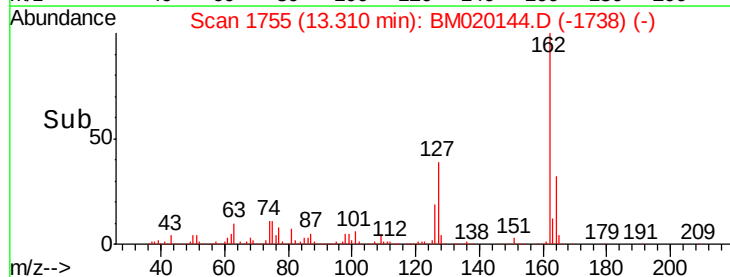
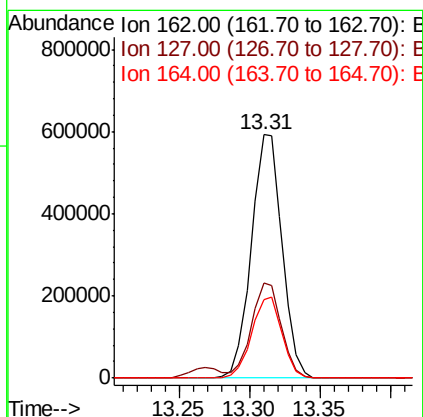
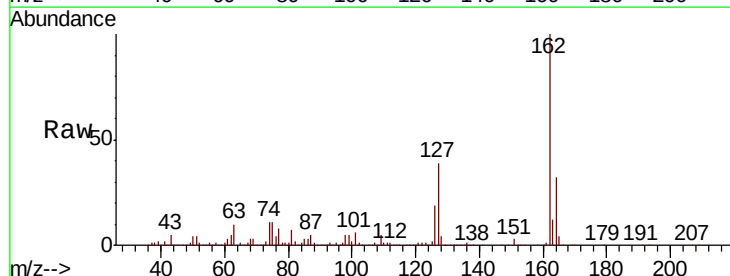
Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

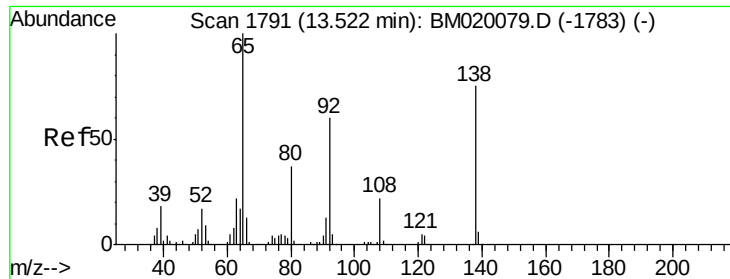
Tgt Ion:154 Resp: 1120029
 Ion Ratio Lower Upper
 154 100
 153 39.7 19.4 59.4
 76 13.7 0.0 34.5



#47
 2-Chloronaphthalene
 Concen: 49.583 ng
 RT: 13.31 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion:162 Resp: 907894
 Ion Ratio Lower Upper
 162 100
 127 39.1 31.0 46.4
 164 32.5 26.2 39.2





#48

2-Nitroaniline

Concen: 58.811 ng

RT: 13.53 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

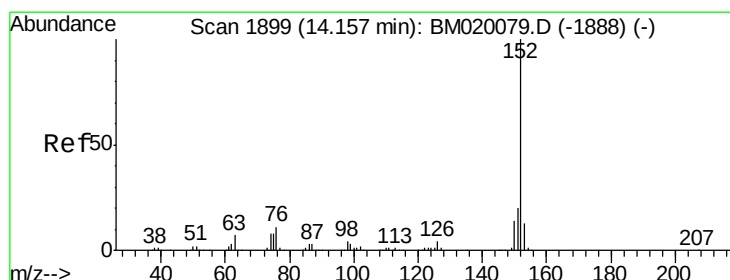
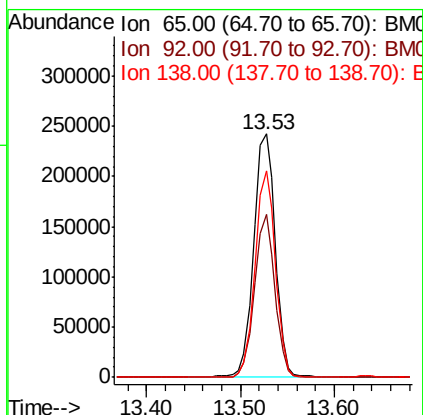
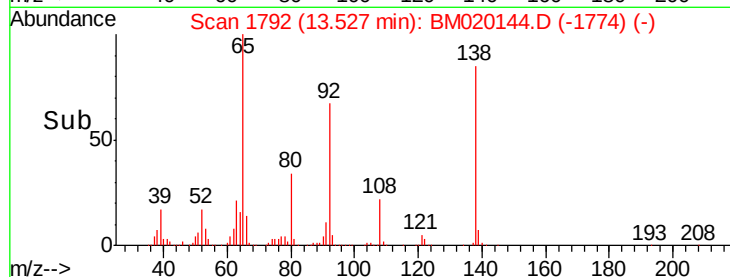
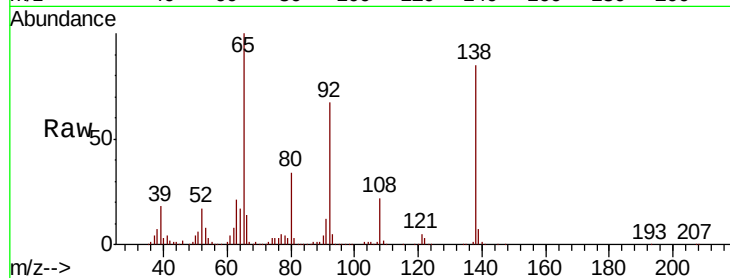
Tgt Ion: 65 Resp: 383384

Ion Ratio Lower Upper

65 100

92 66.8 48.2 72.4

138 84.9 60.3 90.5



#49

Acenaphthylene

Concen: 50.889 ng

RT: 14.16 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

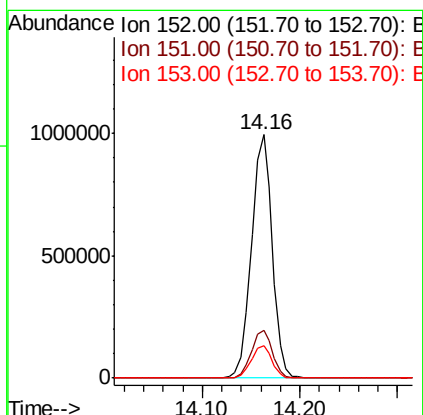
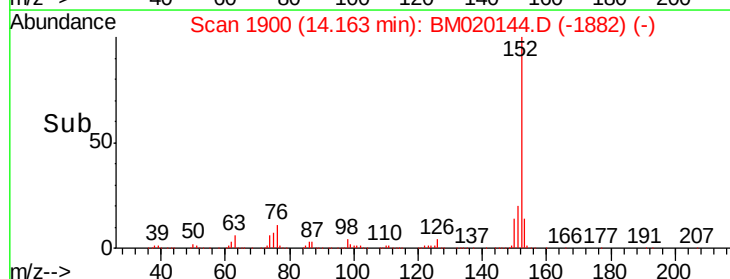
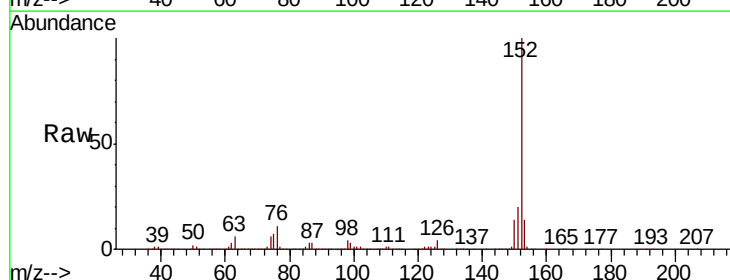
Tgt Ion: 152 Resp: 1491259

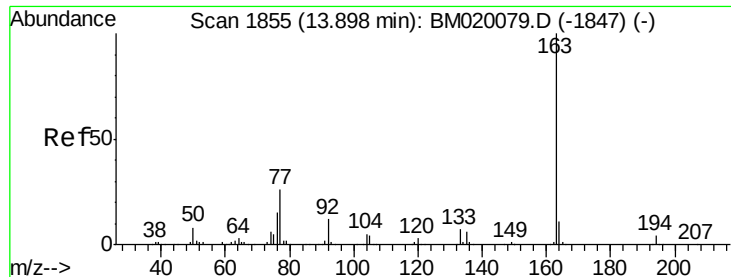
Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.6 10.6 16.0





#50

Dimethylphthalate

Concen: 65.672 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

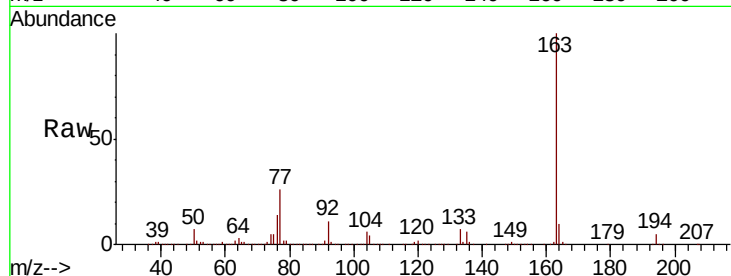
Tgt Ion:163 Resp: 1555179

Ion Ratio Lower Upper

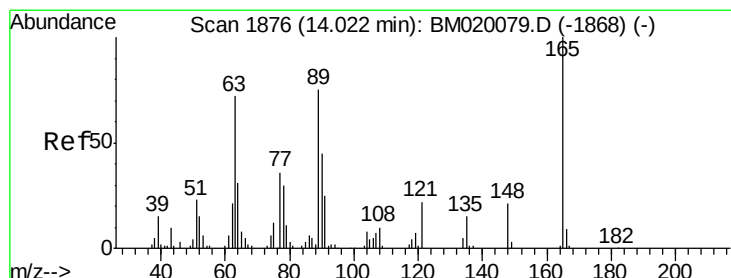
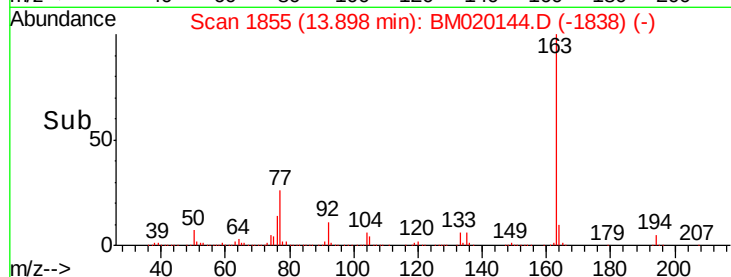
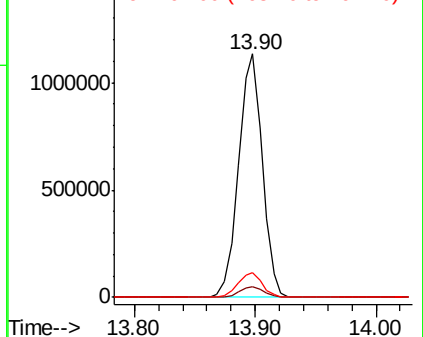
163 100

194 4.5 3.6 5.4

164 10.2 8.4 12.6



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: 39.636 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

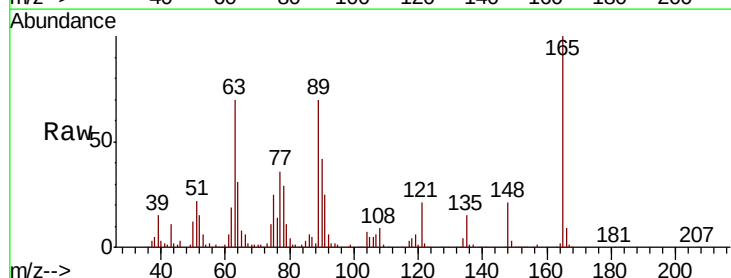
Tgt Ion:165 Resp: 197693

Ion Ratio Lower Upper

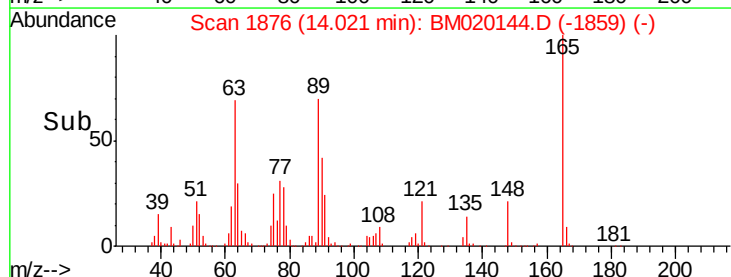
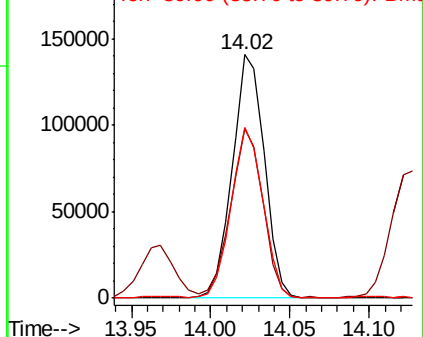
165 100

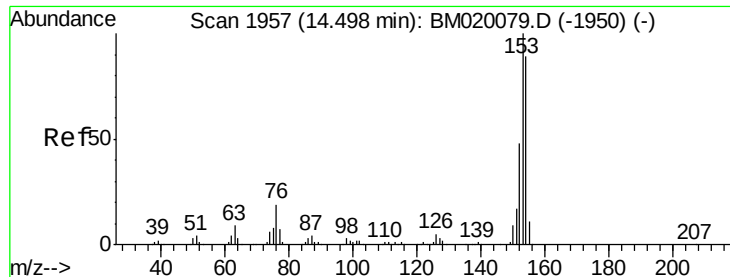
63 69.6 60.3 90.5

89 69.9 59.8 89.6



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





#52

Acenaphthene

Concen: 48.692 ng

RT: 14.50 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

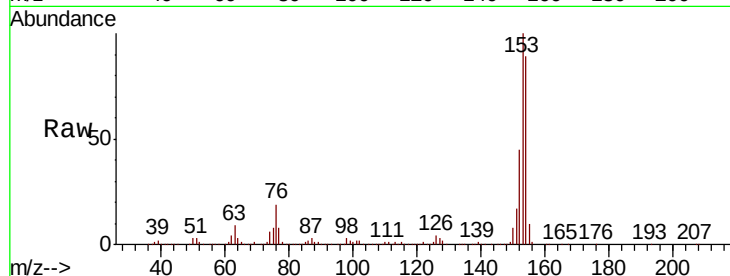
Tgt Ion:154 Resp: 818257

Ion Ratio Lower Upper

154 100

153 112.2 90.2 135.2

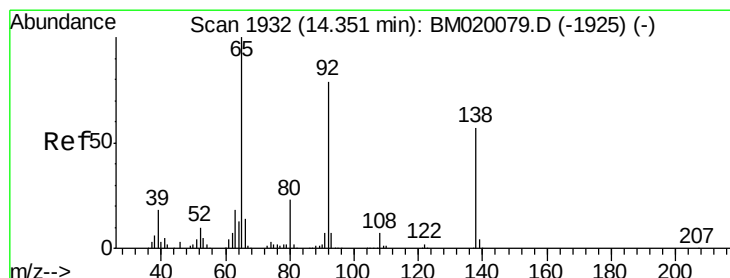
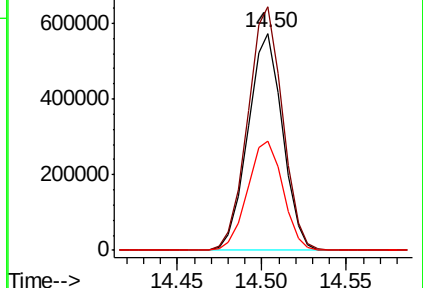
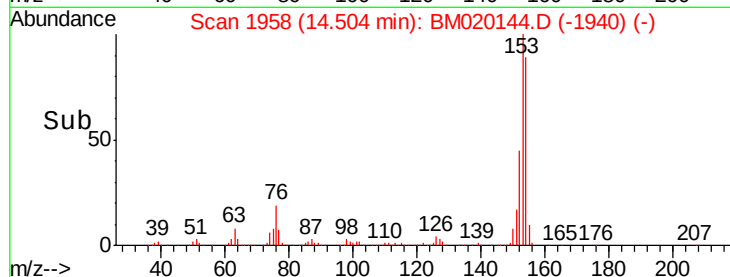
152 50.6 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 49.515 ng

RT: 14.36 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

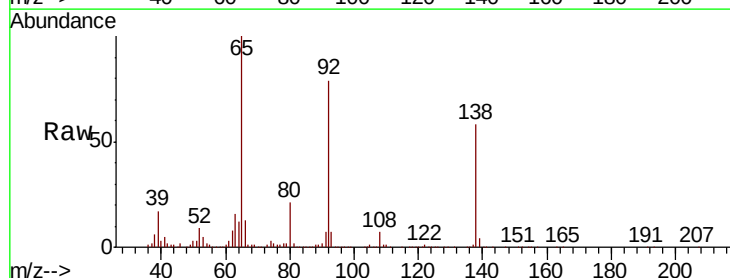
Tgt Ion:138 Resp: 229216

Ion Ratio Lower Upper

138 100

108 12.6 10.4 15.6

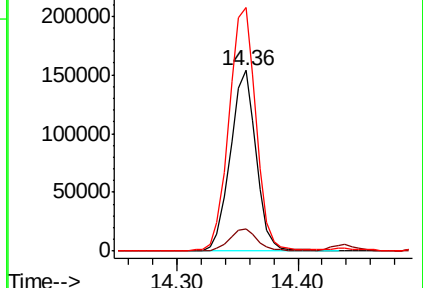
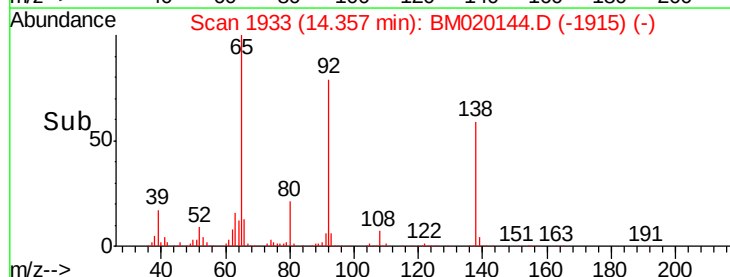
92 134.7 111.3 166.9

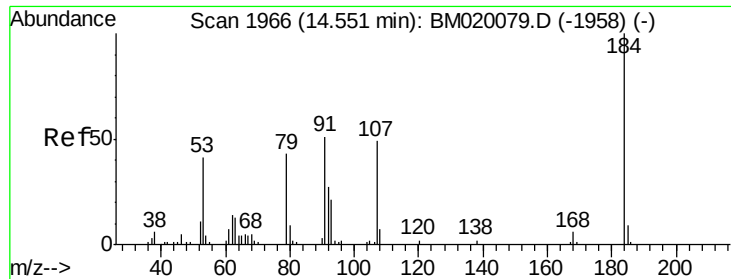


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

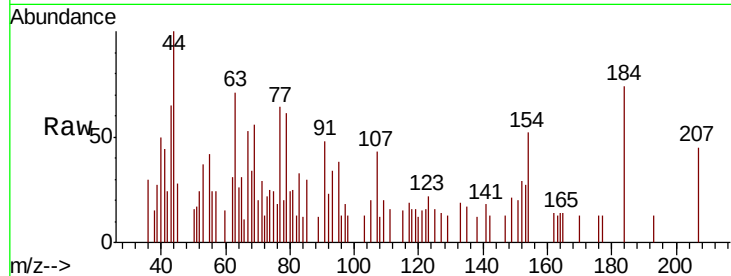




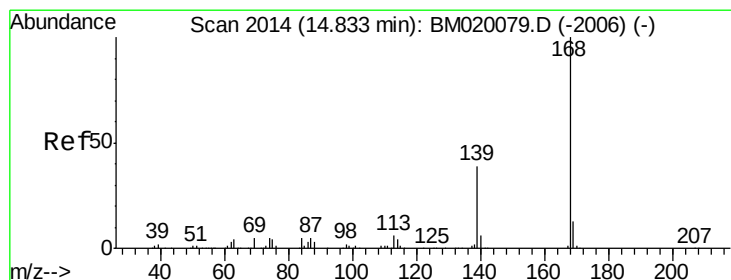
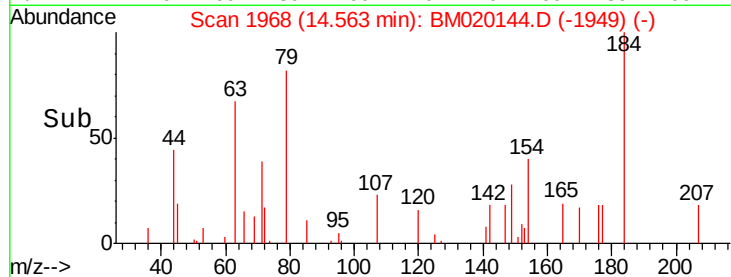
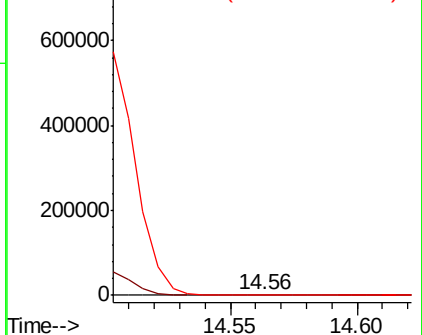
#54
 2,4-Dinitrophenol
 Concen: 9.350 ng
 RT: 14.56 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tgt Ion:184 Resp: 2455
 Ion Ratio Lower Upper
 184 100
 63 95.2 68.9 103.3
 154 69.7 54.4 81.6

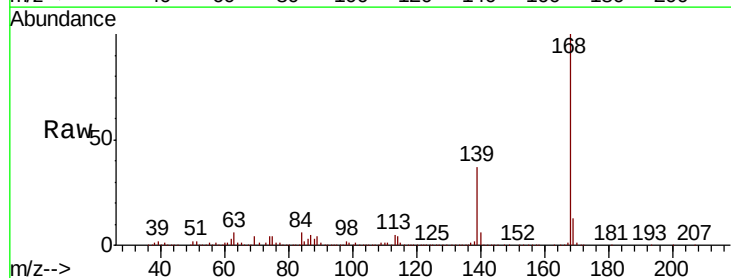


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 154.00 (153.70 to 154.70): E

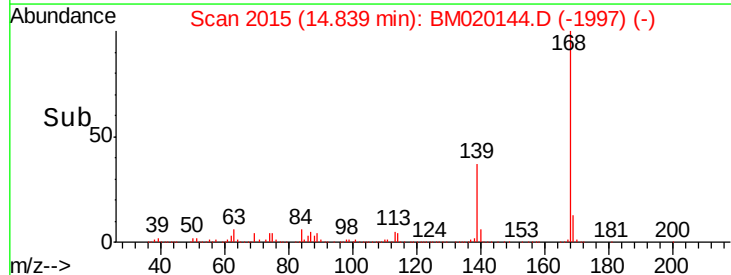
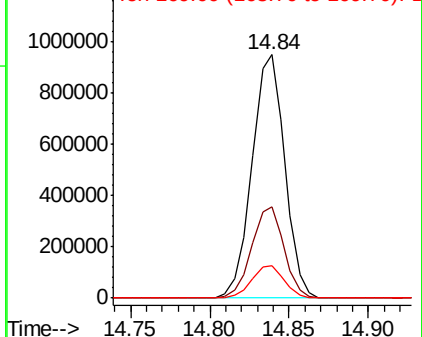


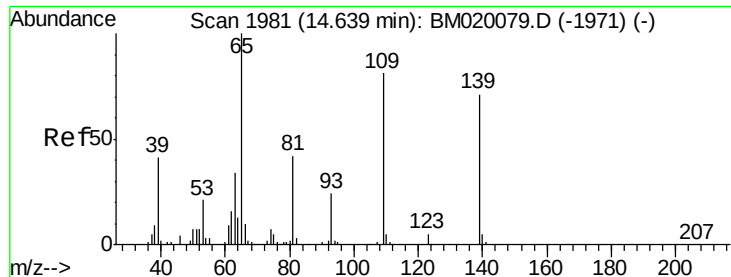
#55
 Dibenzofuran
 Concen: 48.002 ng
 RT: 14.84 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion:168 Resp: 1360639
 Ion Ratio Lower Upper
 168 100
 139 37.3 31.1 46.7
 169 13.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 98.502 ng

RT: 14.66 min Scan# 1985

Delta R.T. 0.02 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

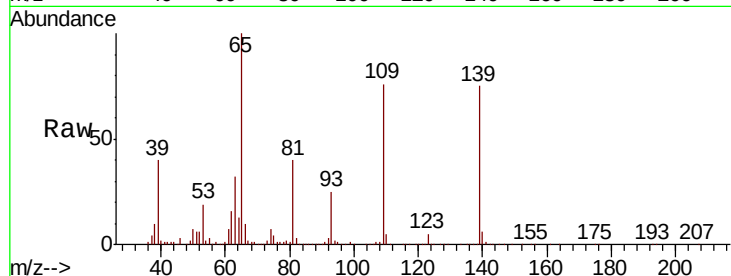
Tgt Ion:139 Resp: 389052

Ion Ratio Lower Upper

139 100

109 101.7 94.1 134.1

65 133.0 120.9 160.9

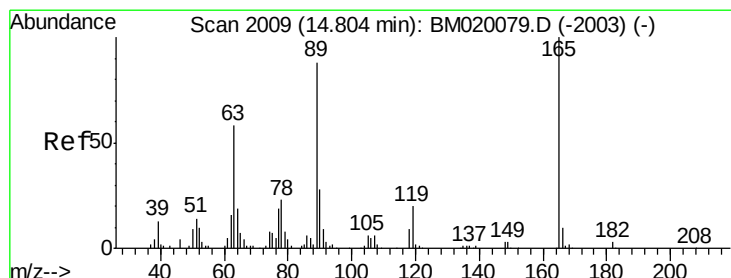
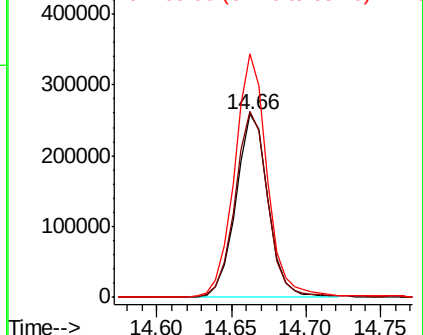
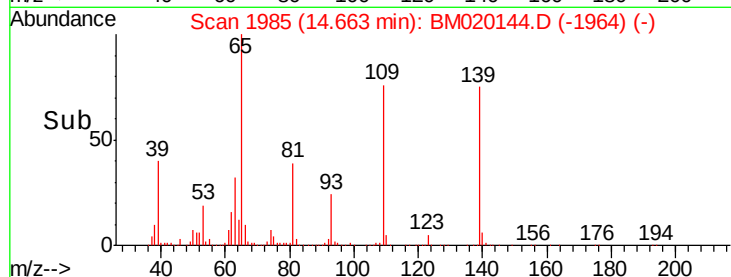


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#57

2,4-Dinitrotoluene

Concen: 36.275 ng

RT: 14.81 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Tgt Ion:165 Resp: 245849

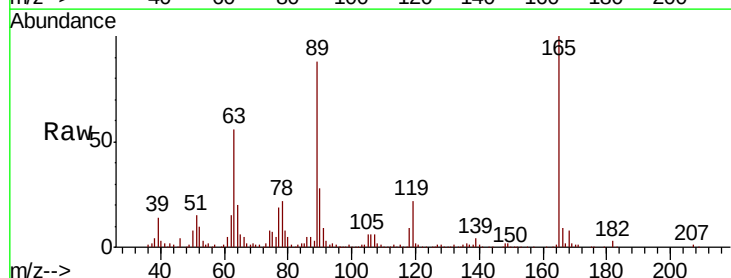
Ion Ratio Lower Upper

165 100

63 55.7 46.2 69.2

89 88.3 70.6 105.8

182 3.0 2.2 3.2



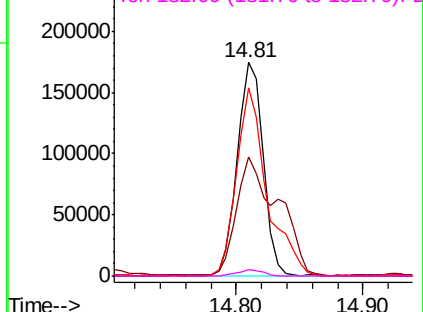
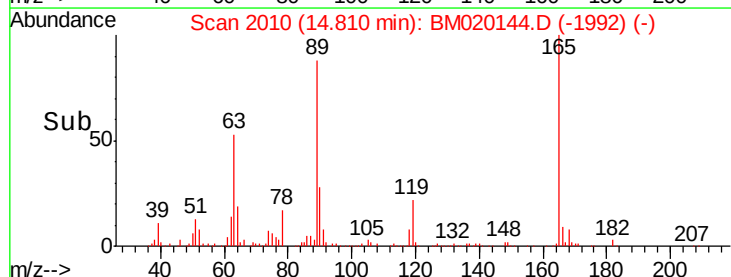
Abundance

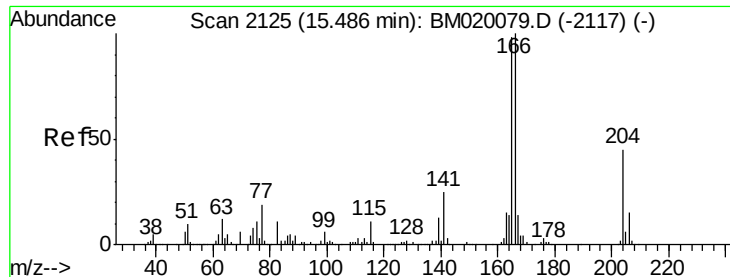
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 47.252 ng

RT: 15.49 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

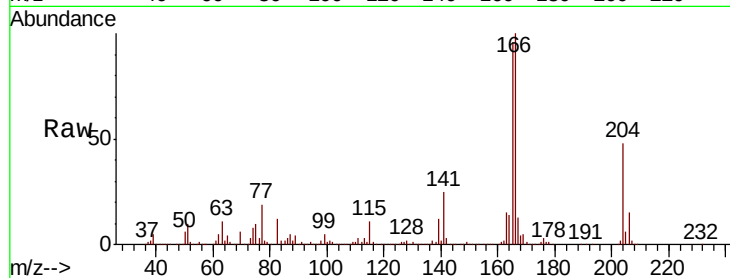
Tgt Ion:166 Resp: 1099993

Ion Ratio Lower Upper

166 100

165 95.6 78.2 117.2

167 13.0 11.0 16.4

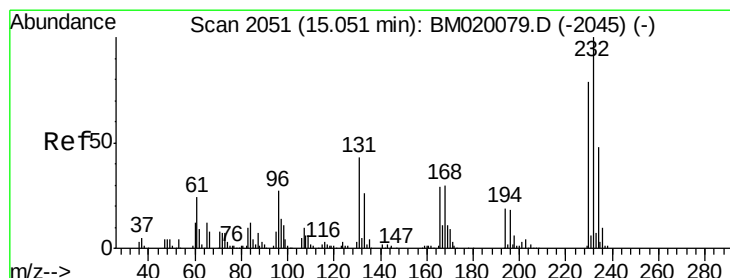
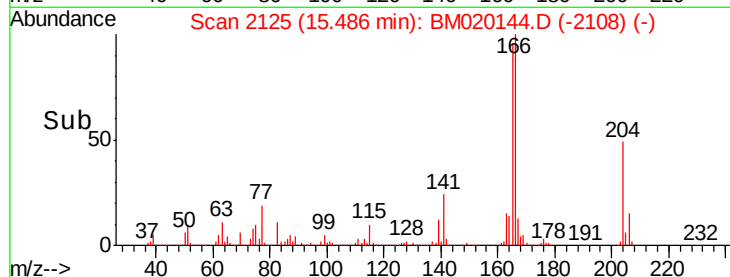
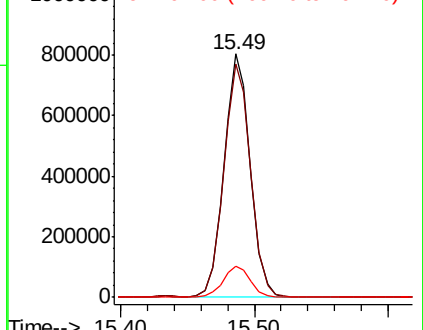


Abundance

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: 54.734 ng

RT: 15.06 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Tgt Ion:232 Resp: 359989

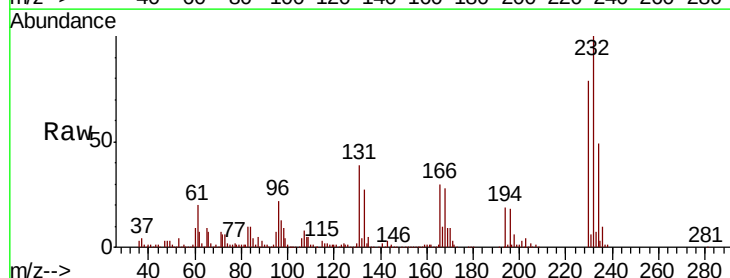
Ion Ratio Lower Upper

232 100

131 39.7 34.2 51.4

130 2.6 2.0 3.0

166 30.3 23.8 35.8



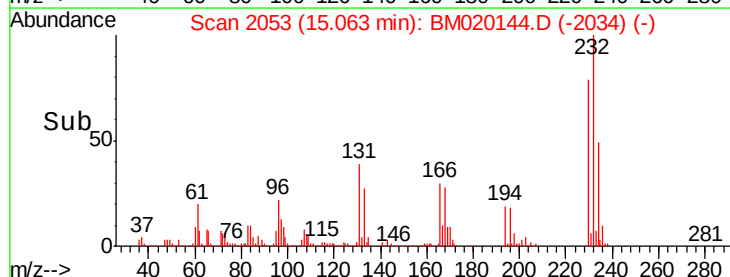
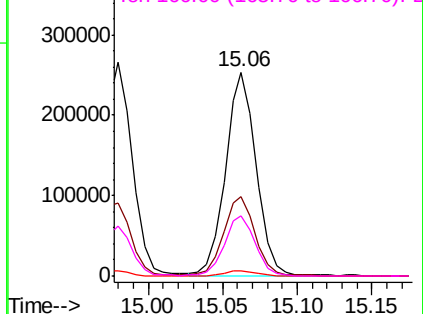
Abundance

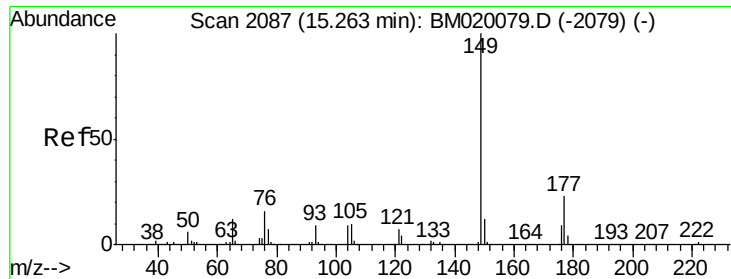
Ion 232.00 (231.70 to 232.70): E

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

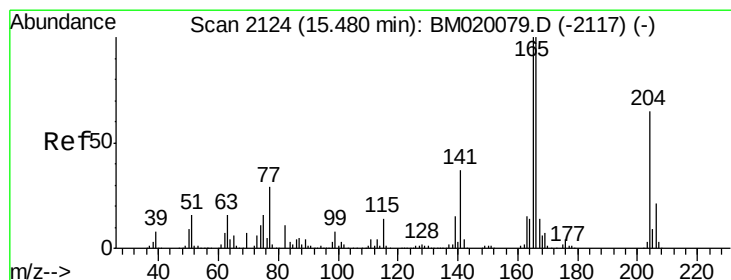
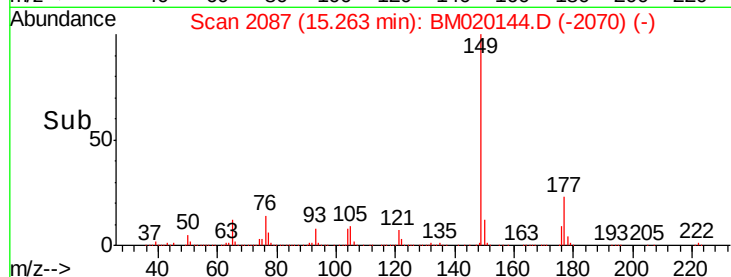
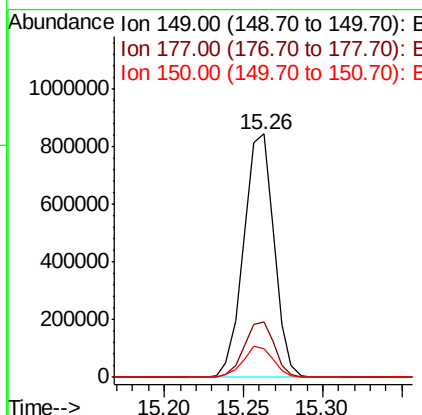
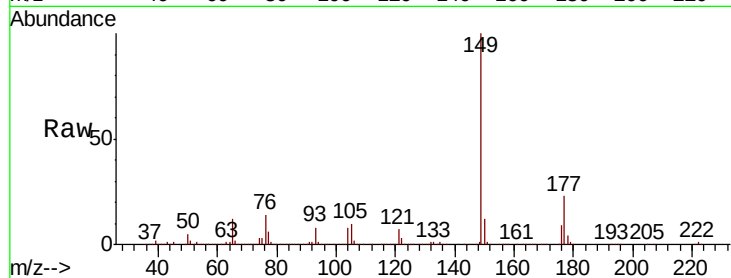




#60
Diethylphthalate
Concen: 46.956 ng
RT: 15.26 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

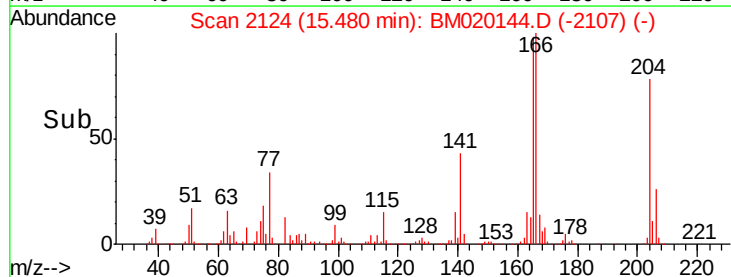
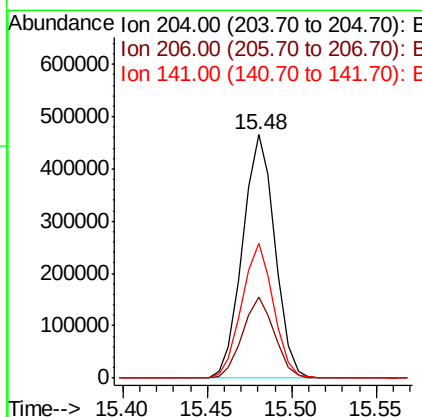
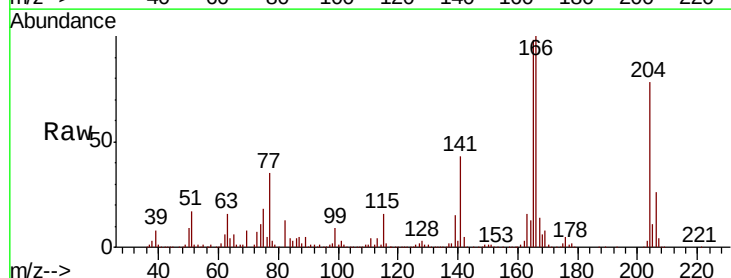
Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

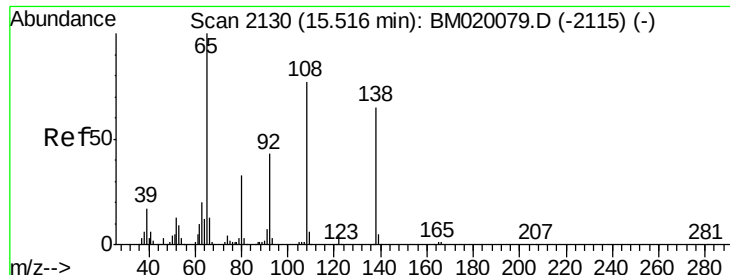
Tgt Ion:149 Resp: 1120292
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 11.8 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 46.920 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion:204 Resp: 618886
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 55.2 46.1 69.1

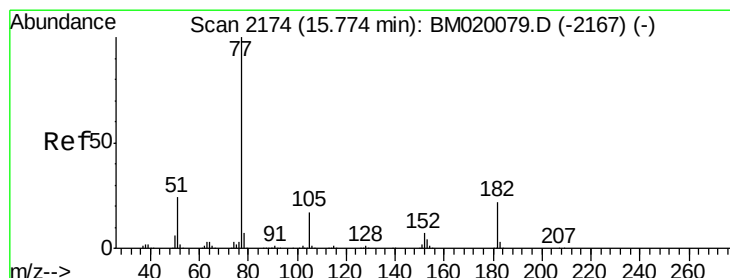
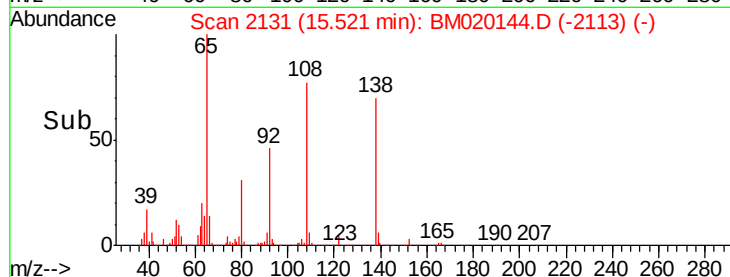
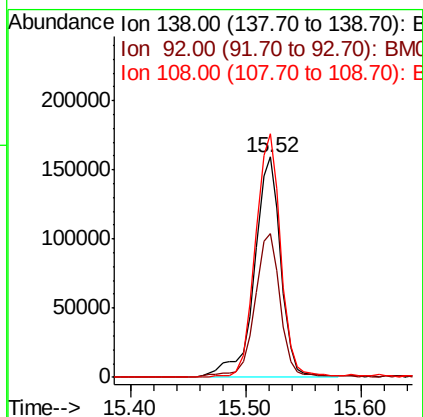
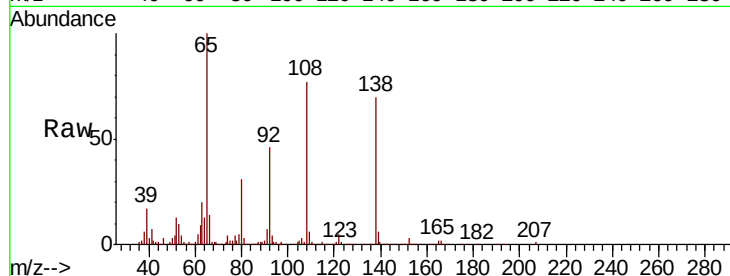




#62
4-Nitroaniline
Concen: 49.939 ng
RT: 15.52 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

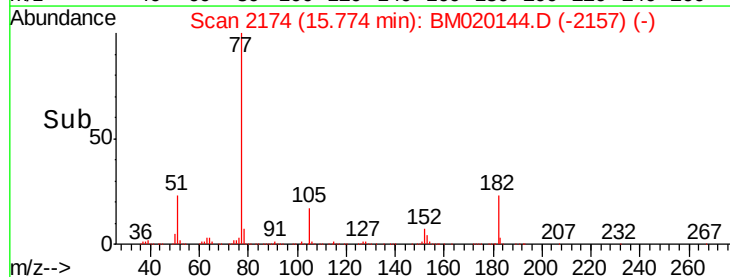
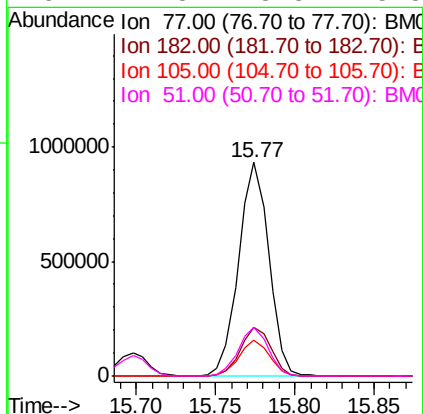
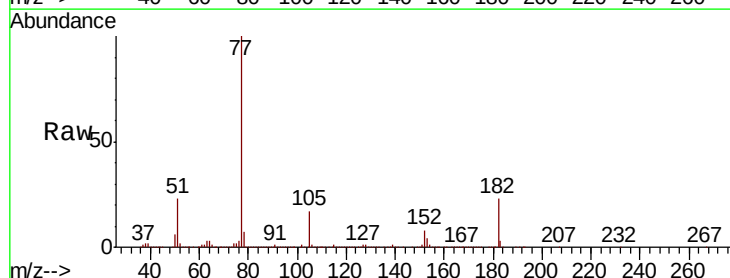
Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

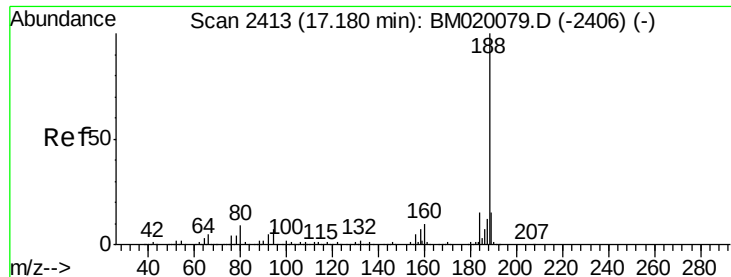
Tgt Ion:138 Resp: 255125
Ion Ratio Lower Upper
138 100
92 65.1 45.9 85.9
108 110.4 97.7 137.7



#63
Azobenzene
Concen: 43.573 ng
RT: 15.77 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion: 77 Resp: 1226416
Ion Ratio Lower Upper
77 100
182 22.8 2.1 42.1
105 16.9 0.0 36.8
51 22.8 3.8 43.8

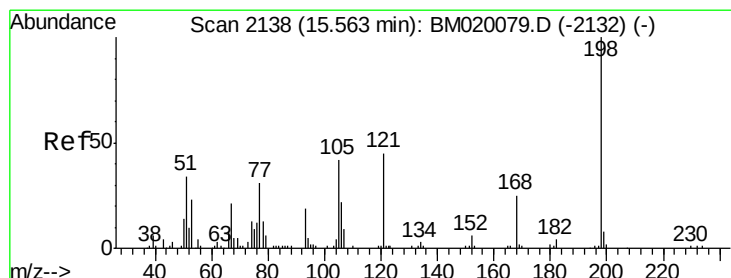
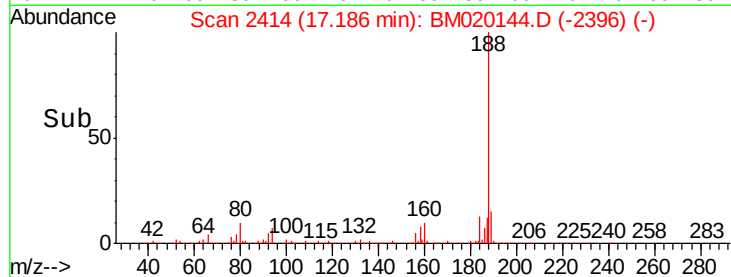
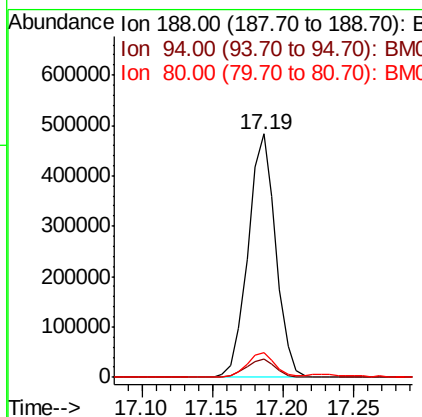
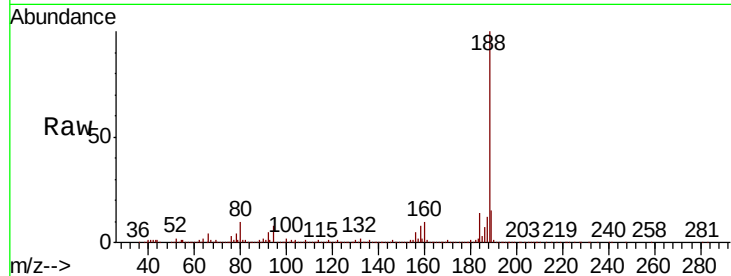




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

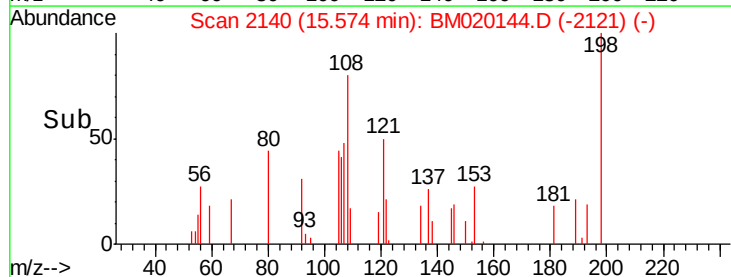
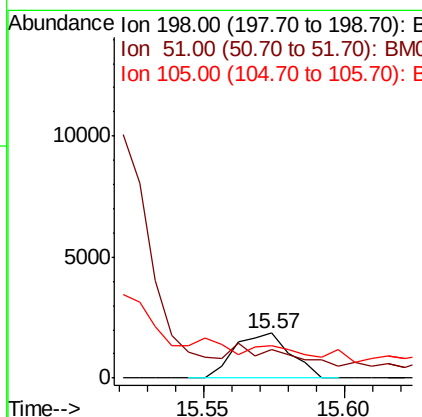
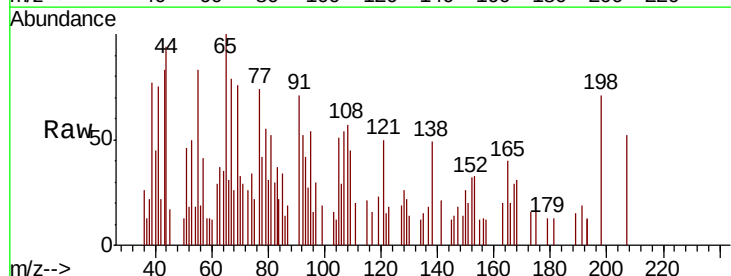
Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

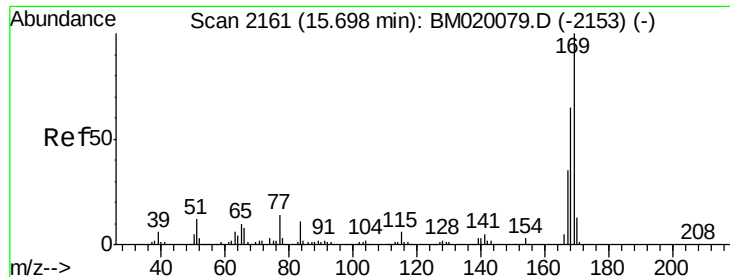
Tgt Ion:188 Resp: 662423
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 10.0 7.4 11.2



#65
4,6-Dinitro-2-methylphenol
Concen: 7.811 ng
RT: 15.57 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion:198 Resp: 2553
Ion Ratio Lower Upper
198 100
51 64.8 16.5 56.5#
105 72.3 22.8 62.8#





#66

n-Nitrosodiphenylamine

Concen: 49.470 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

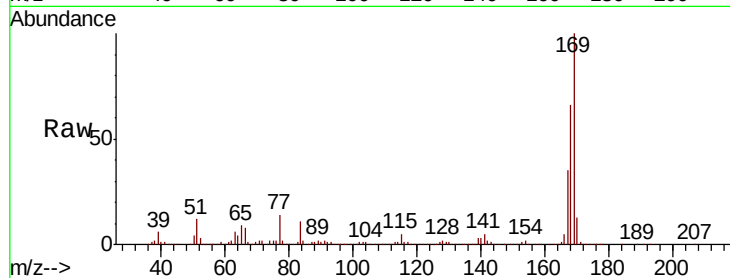
Tgt Ion:169 Resp: 964275

Ion Ratio Lower Upper

169 100

168 66.0 51.9 77.9

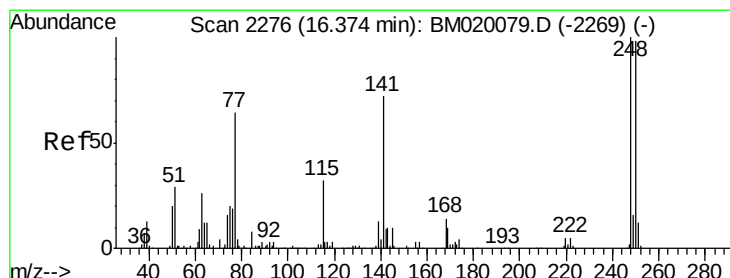
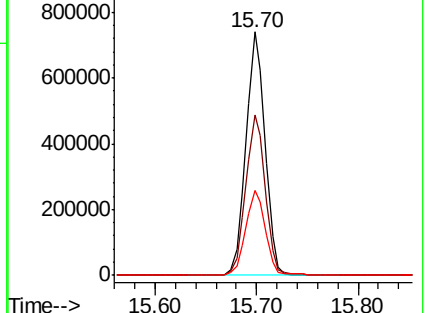
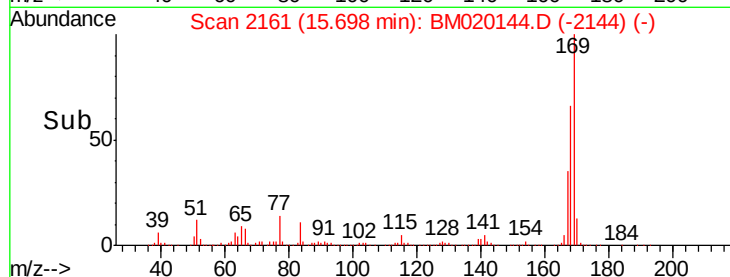
167 34.9 27.8 41.6



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: 47.690 ng

RT: 16.37 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

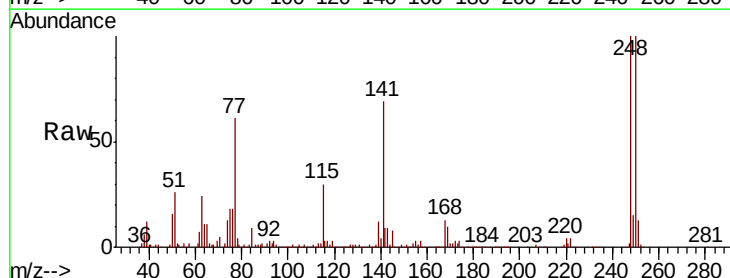
Tgt Ion:248 Resp: 387383

Ion Ratio Lower Upper

248 100

250 99.7 78.4 117.6

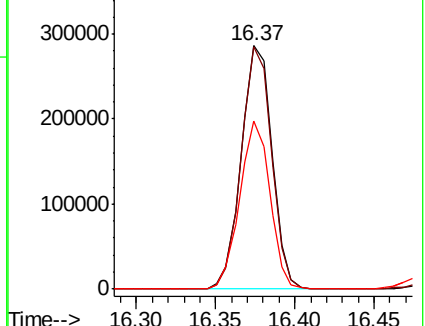
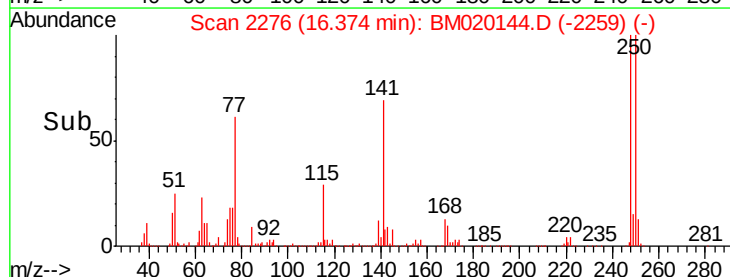
141 68.8 57.4 86.2

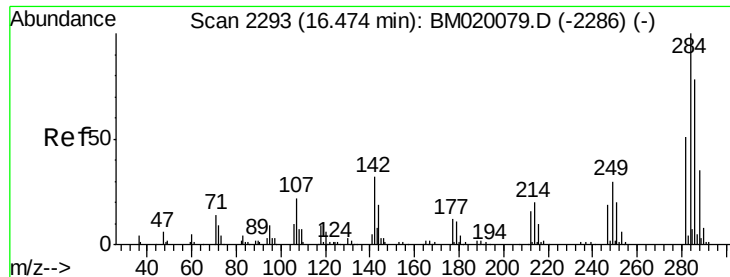


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 46.996 ng

RT: 16.48 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

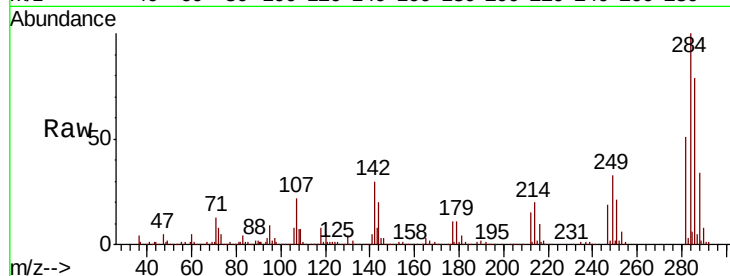
Tgt Ion:284 Resp: 439300

Ion Ratio Lower Upper

284 100

142 30.1 25.2 37.8

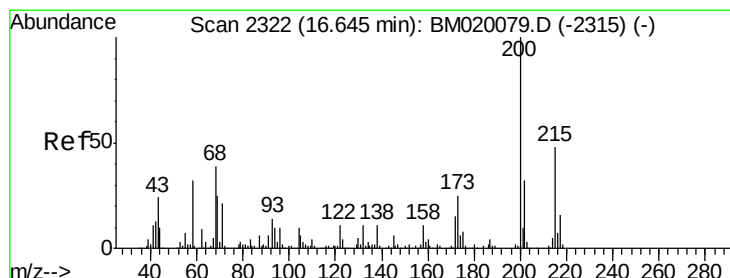
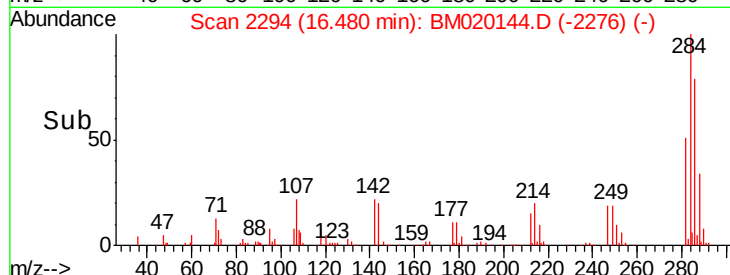
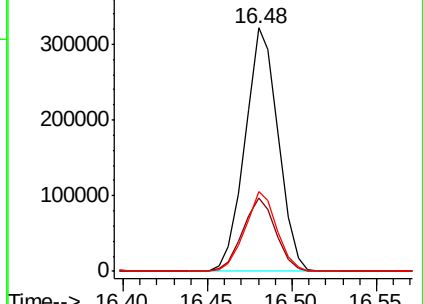
249 32.7 23.6 35.4



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: 41.261 ng

RT: 16.65 min Scan# 2323

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

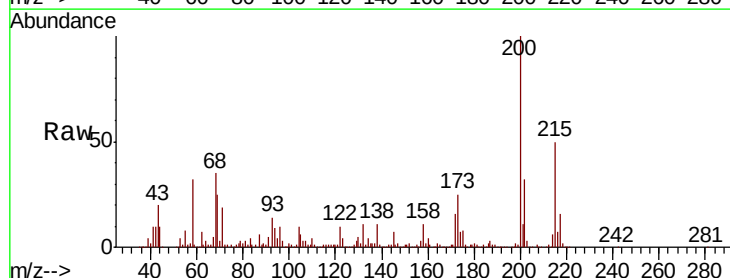
Tgt Ion:200 Resp: 314302

Ion Ratio Lower Upper

200 100

173 24.8 4.6 44.6

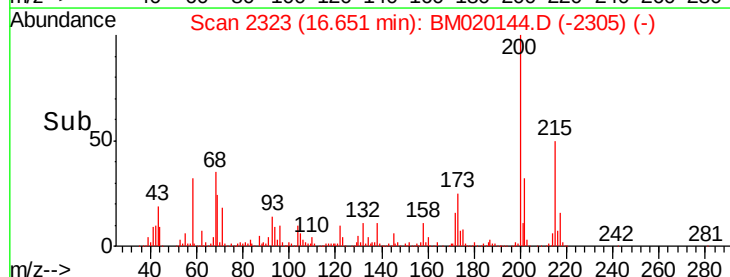
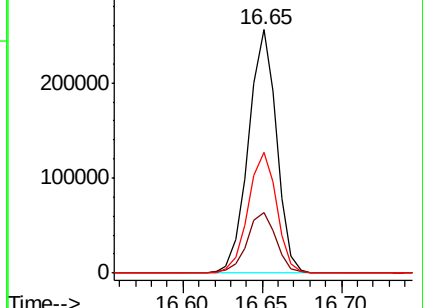
215 49.6 28.0 68.0

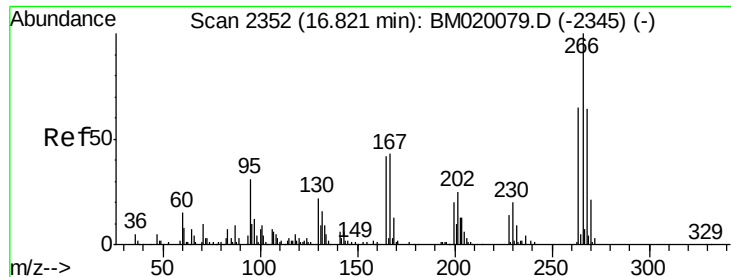


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

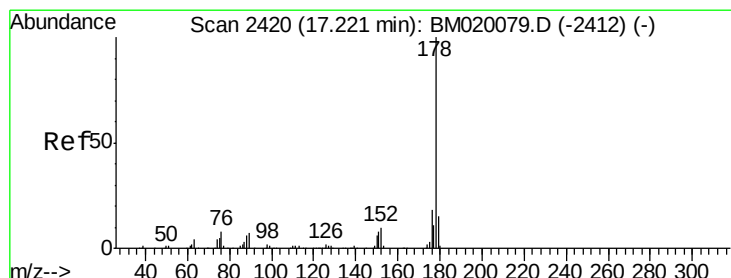
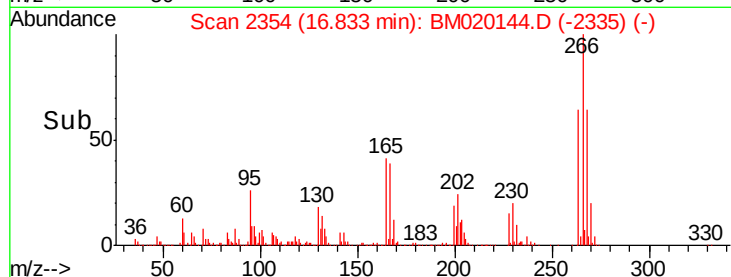
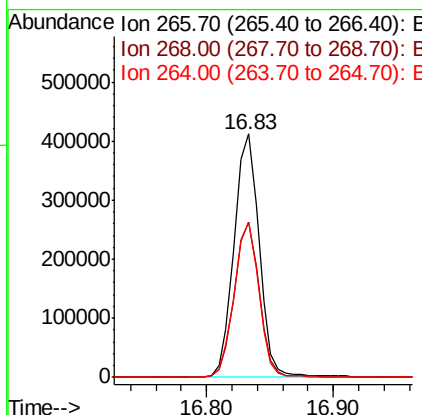
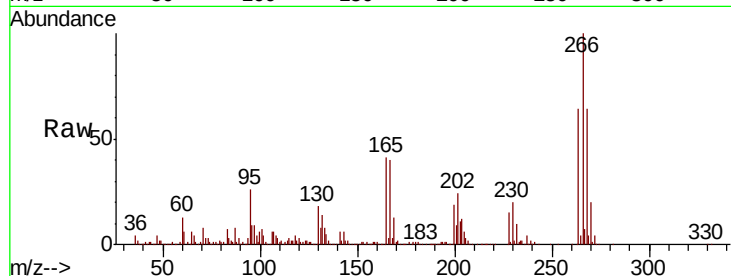




#70
 Pentachlorophenol
 Concen: 105.310 ng
 RT: 16.83 min Scan# 2354
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

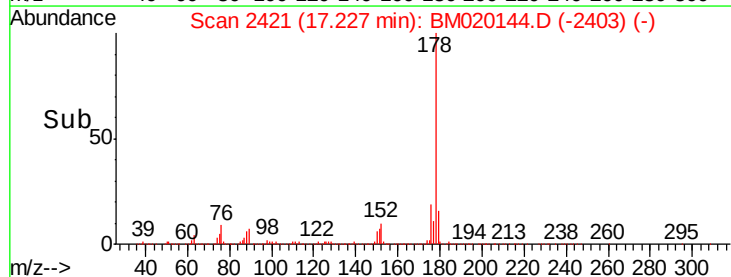
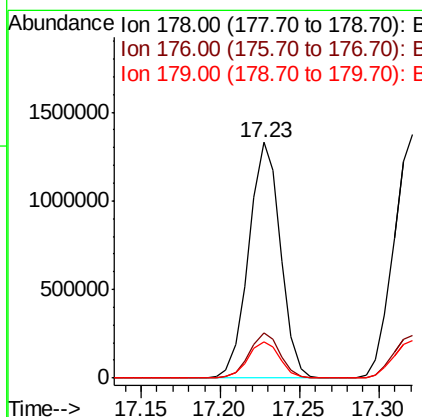
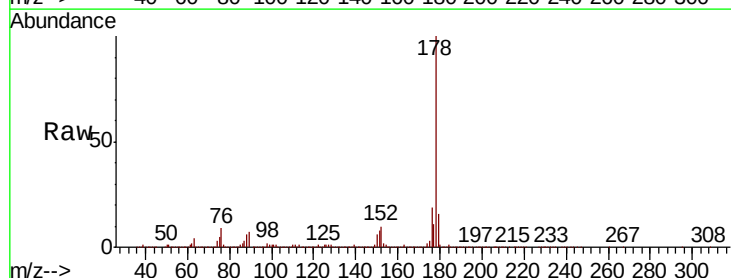
Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

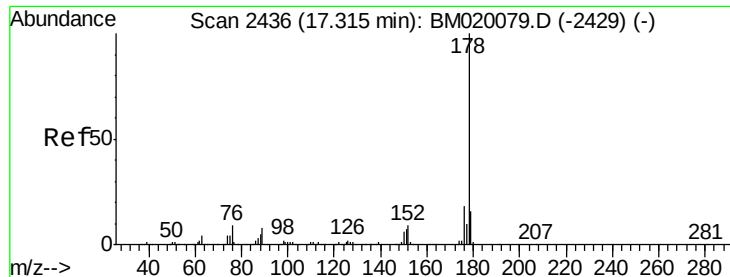
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.4	77.0
264	63.9	52.0	78.0



#71
 Phenanthrene
 Concen: 50.583 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	15.6	12.4	18.6





#72

Anthracene

Concen: 51.884 ng

RT: 17.32 min Scan# 2437

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

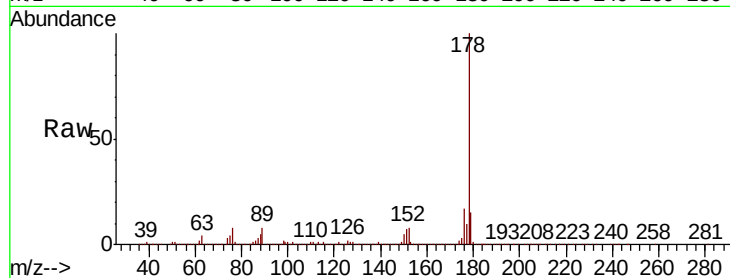
Tgt Ion:178 Resp: 1896864

Ion Ratio Lower Upper

178 100

176 17.4 14.6 22.0

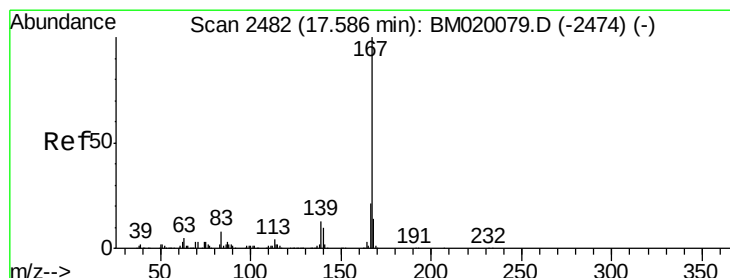
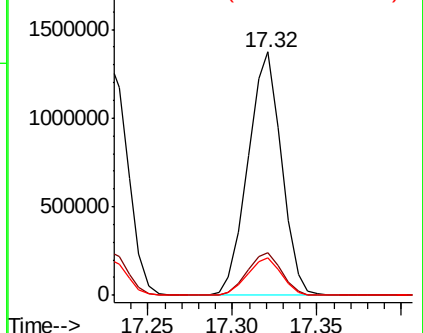
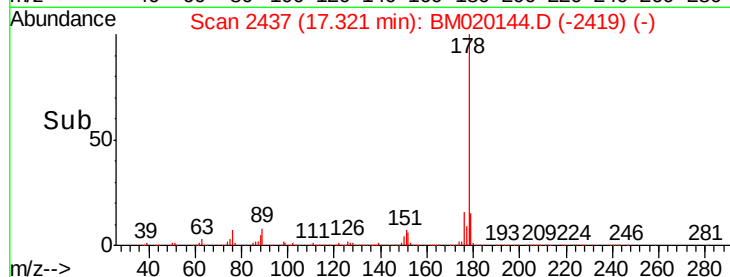
179 15.2 12.4 18.6



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: 47.252 ng

RT: 17.59 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

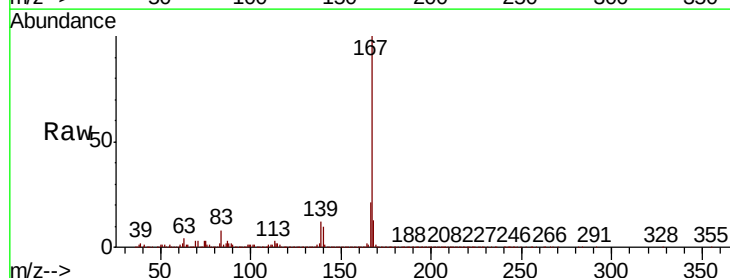
Tgt Ion:167 Resp: 1558778

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

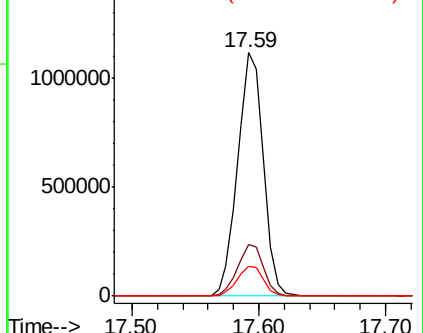
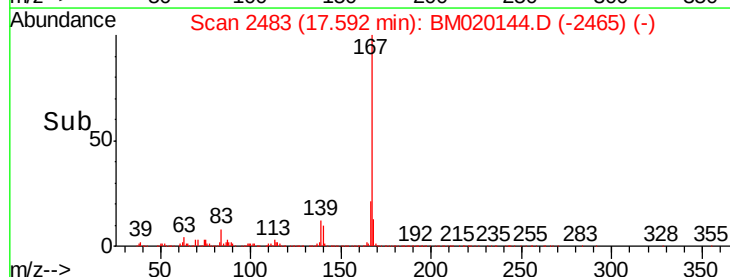
139 12.4 10.6 16.0

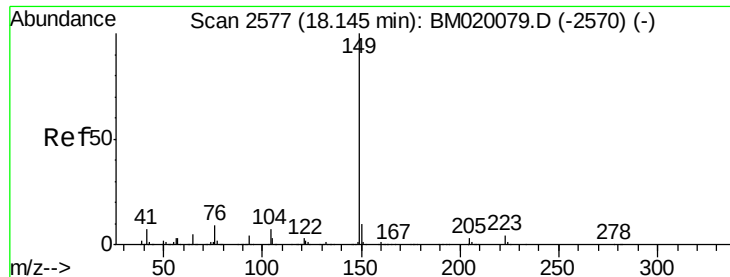


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 46.744 ng

RT: 18.14 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

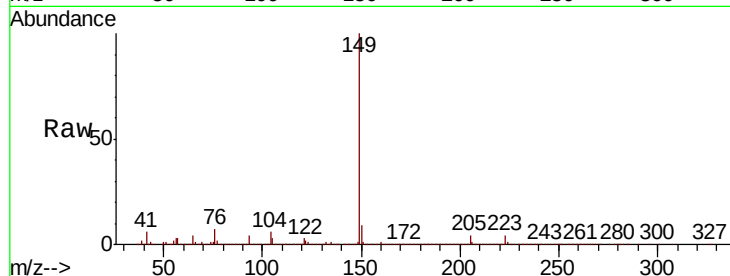
Tgt Ion:149 Resp: 1855735

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

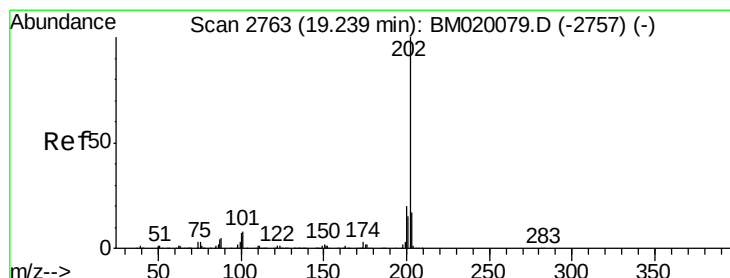
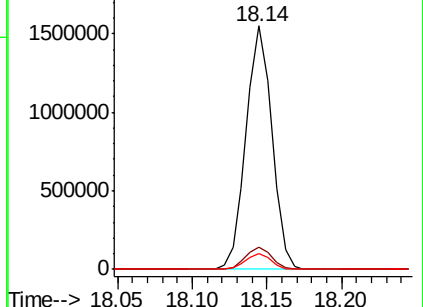
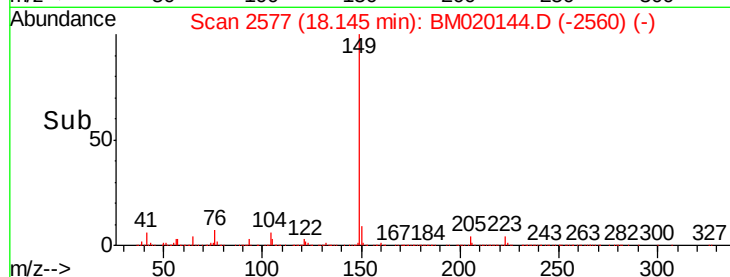
104 6.3 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 57.359 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

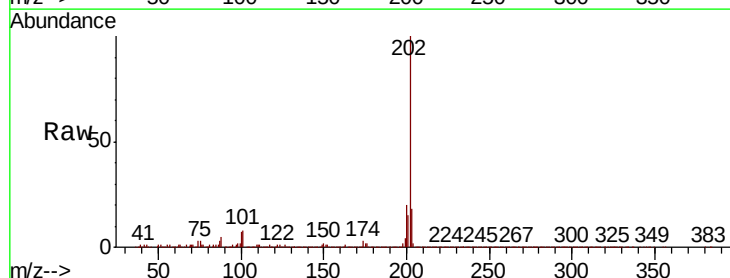
Tgt Ion:202 Resp: 2653763

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.4

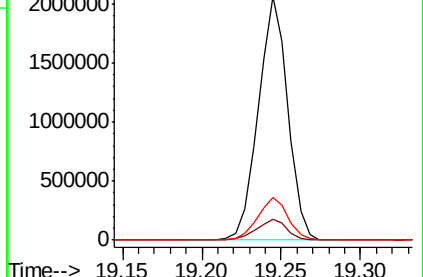
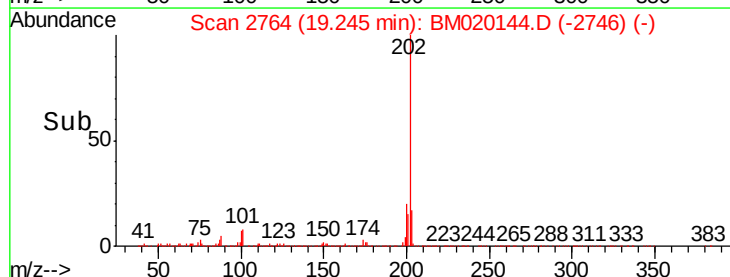
203 17.6 0.0 37.4

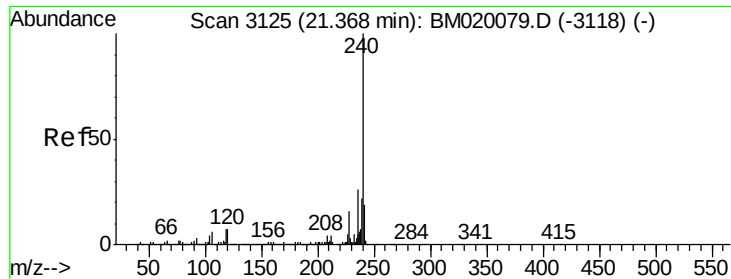


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

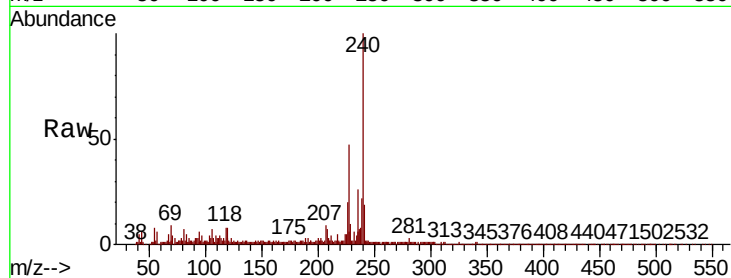
Tgt Ion:240 Resp: 660031

Ion Ratio Lower Upper

240 100

120 7.7 5.6 8.4

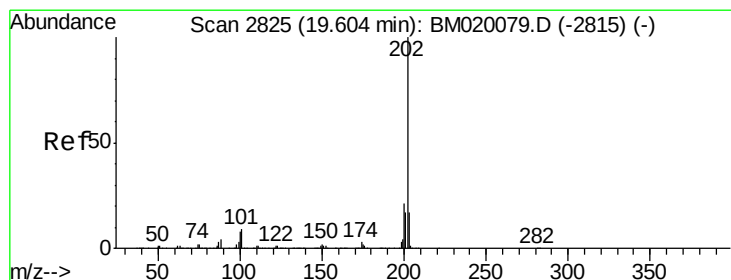
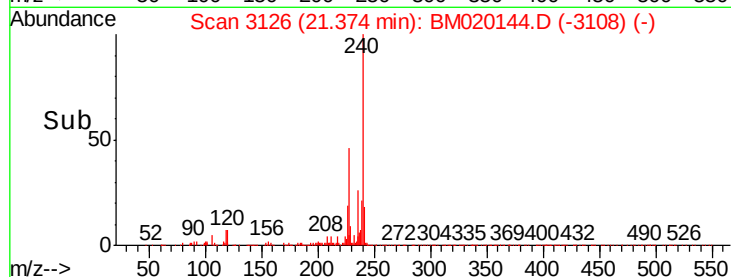
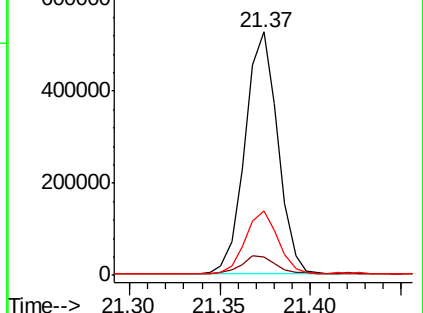
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 61.354 ng

RT: 19.61 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

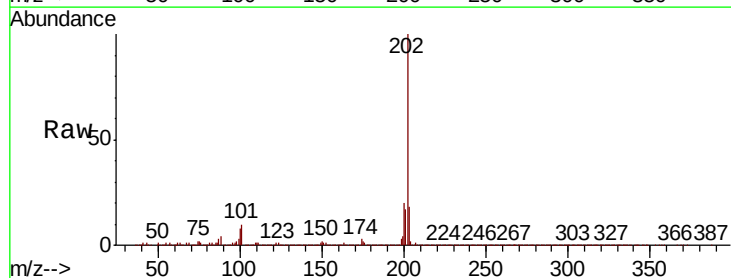
Tgt Ion:202 Resp: 2718811

Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

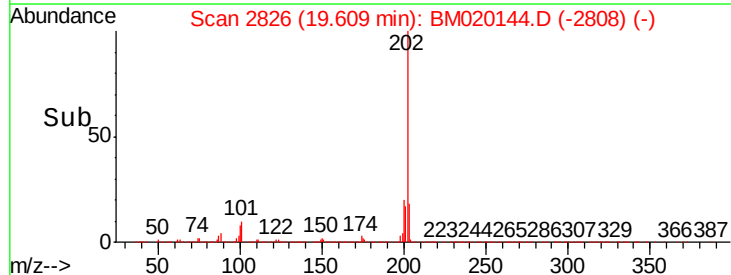
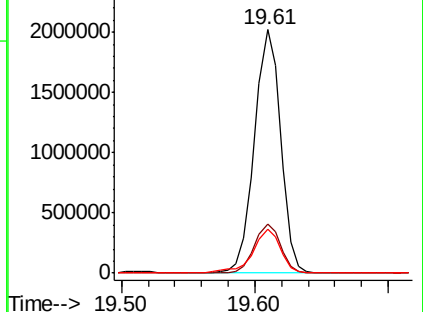
203 17.8 13.9 20.9

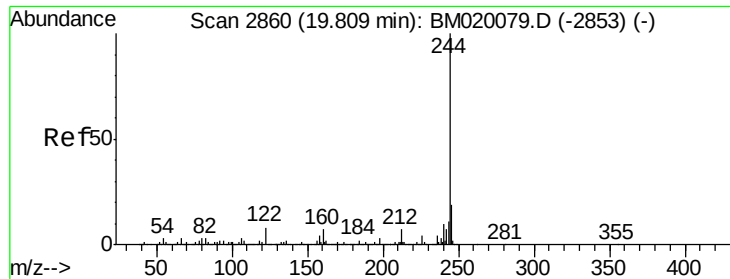


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.466 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

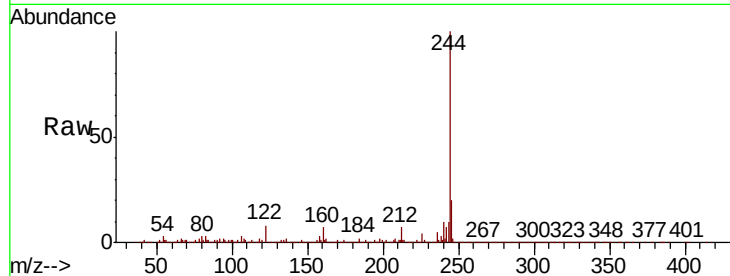
Tgt Ion:244 Resp: 3309802

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

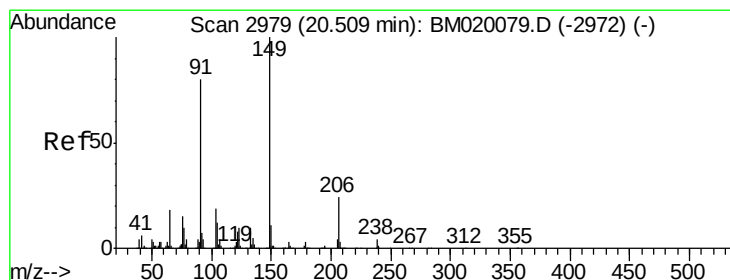
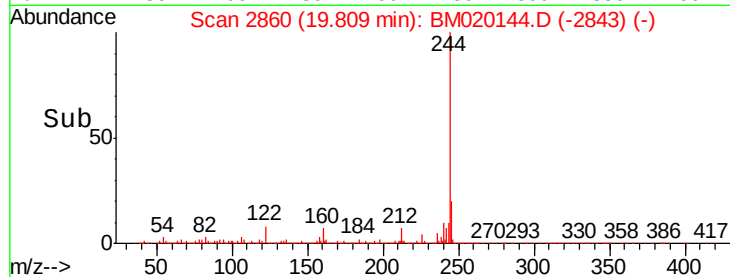
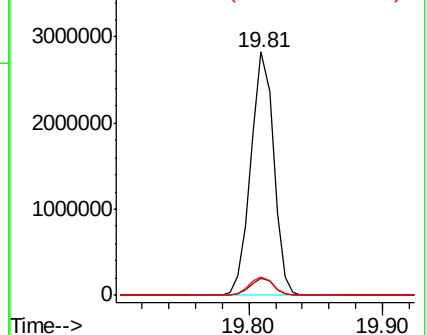
122 7.7 6.2 9.2



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: 53.509 ng

RT: 20.50 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

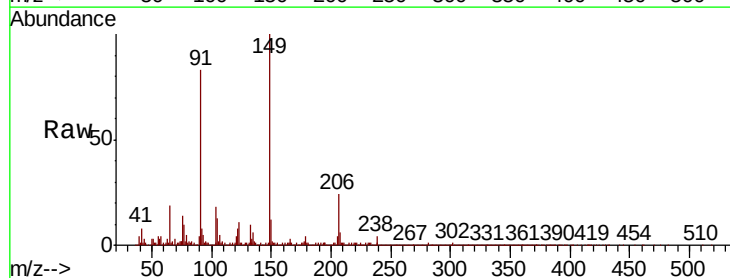
Tgt Ion:149 Resp: 862280

Ion Ratio Lower Upper

149 100

91 82.8 63.8 95.8

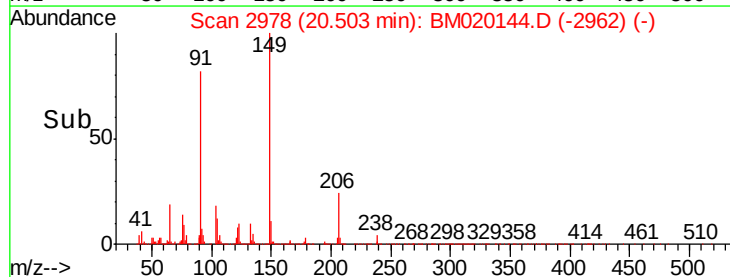
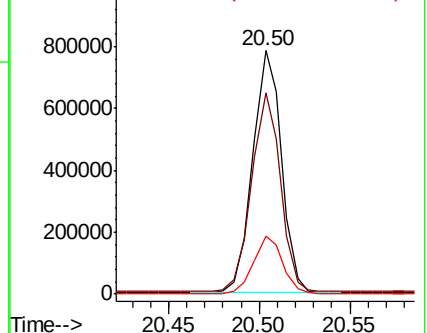
206 24.0 18.9 28.3

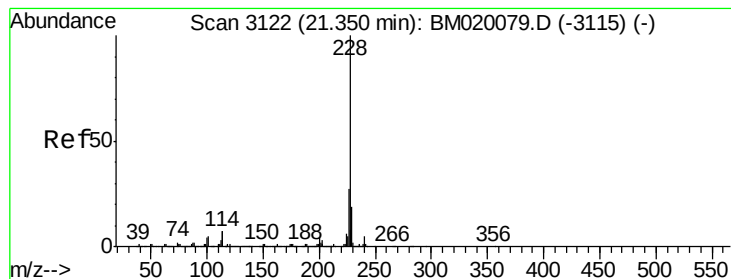


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.485 ng

RT: 21.36 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

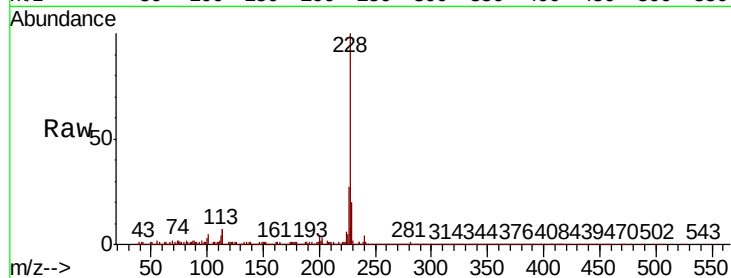
Tgt Ion:228 Resp: 2568273

Ion Ratio Lower Upper

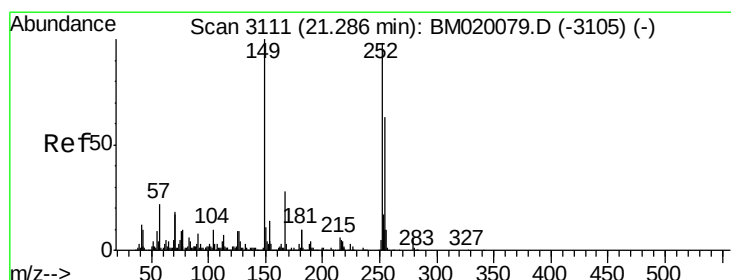
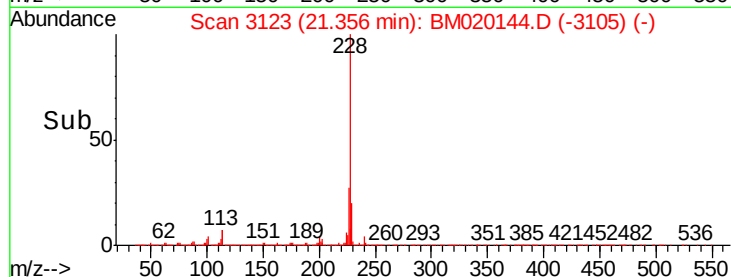
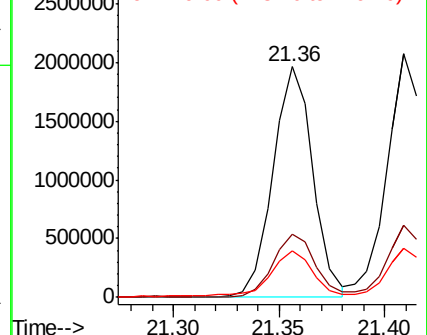
228 100

226 27.3 21.3 31.9

229 20.3 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: 21.225 ng

RT: 21.29 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

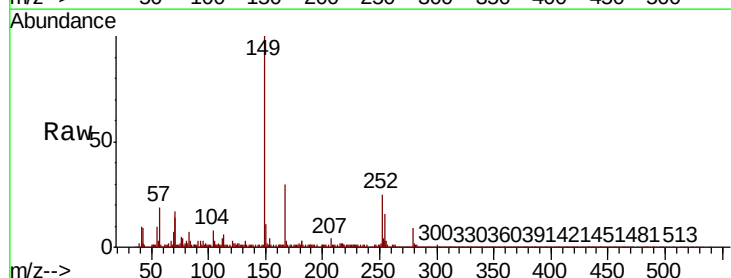
Tgt Ion:252 Resp: 374971

Ion Ratio Lower Upper

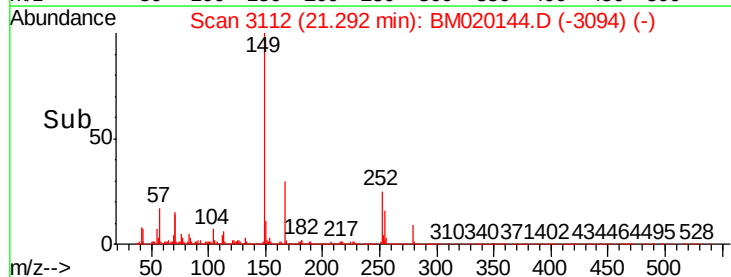
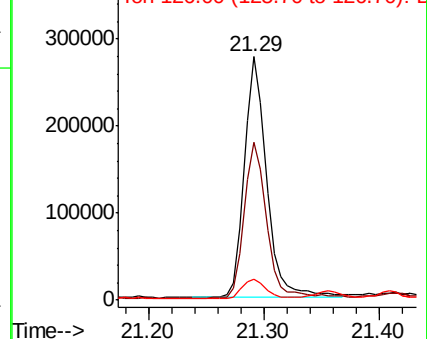
252 100

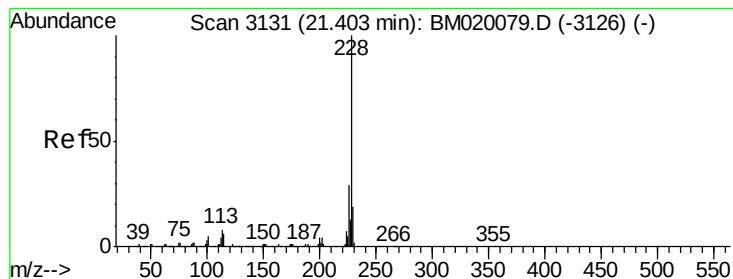
254 64.6 51.1 76.7

126 8.6 7.1 10.7



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: 55.750 ng

RT: 21.41 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

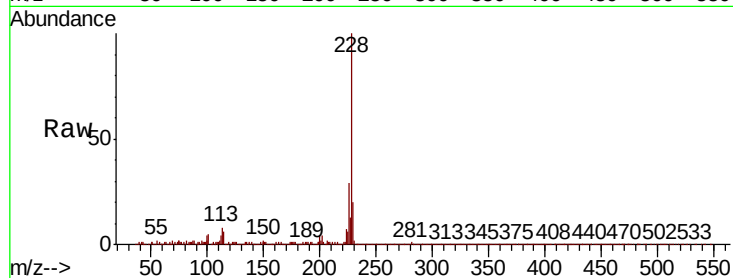
Tgt Ion:228 Resp: 2502704

Ion Ratio Lower Upper

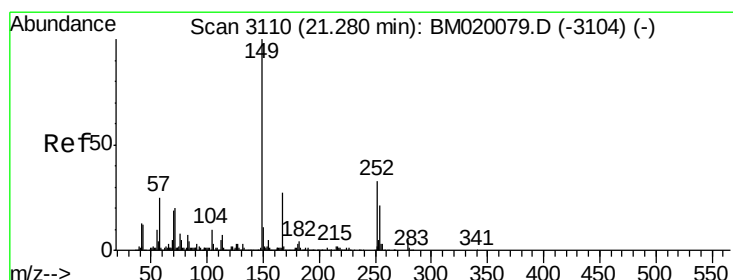
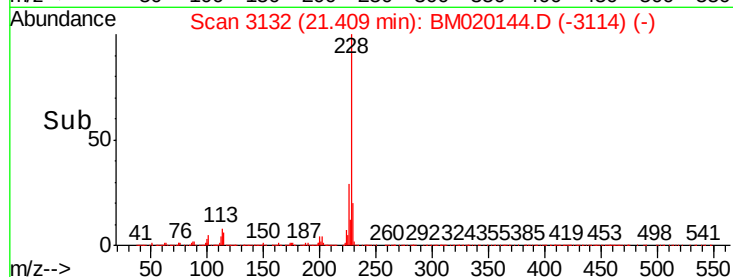
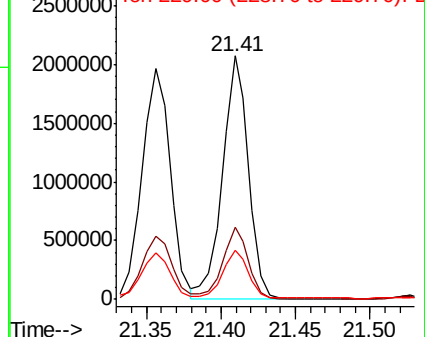
228 100

226 29.4 23.0 34.6

229 20.4 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



#84

Bis(2-ethylhexyl)phthalate

Concen: 340.241 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

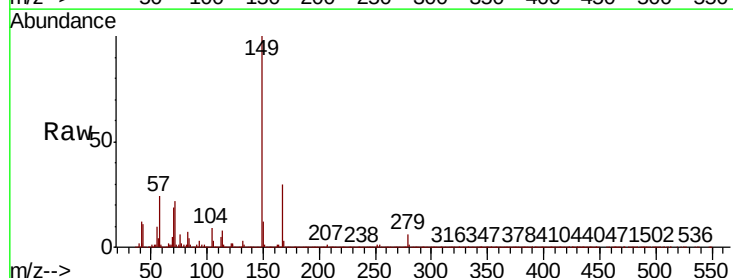
Tgt Ion:149 Resp: 8508028

Ion Ratio Lower Upper

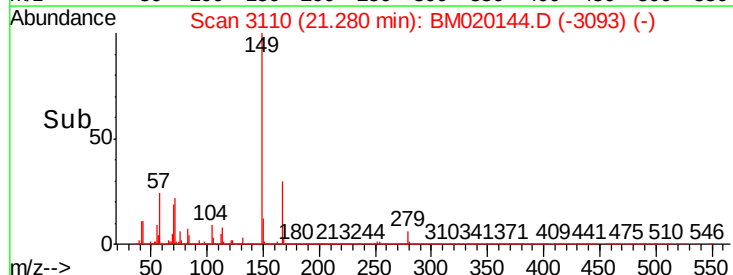
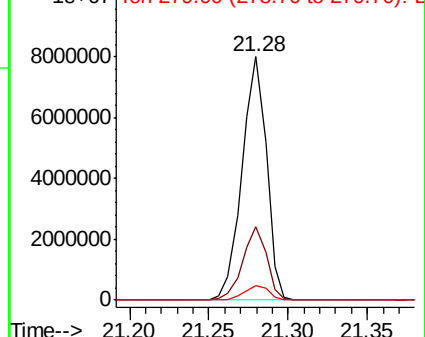
149 100

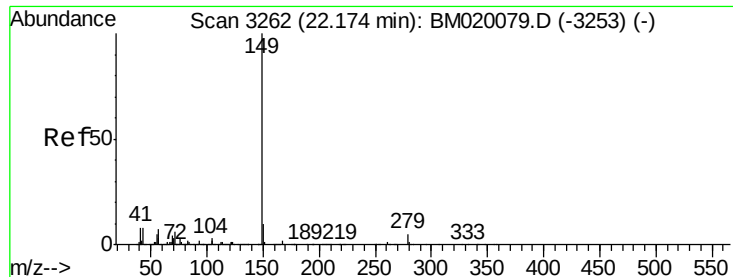
167 30.3 21.8 32.8

279 6.0 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 82.126 ng

RT: 22.17 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

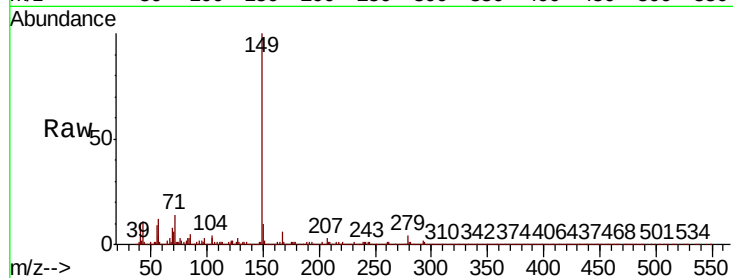
Tgt Ion:149 Resp: 3413263

Ion Ratio Lower Upper

149 100

167 5.8 1.3 1.9#

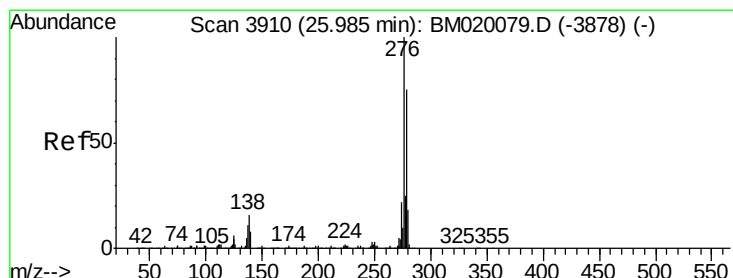
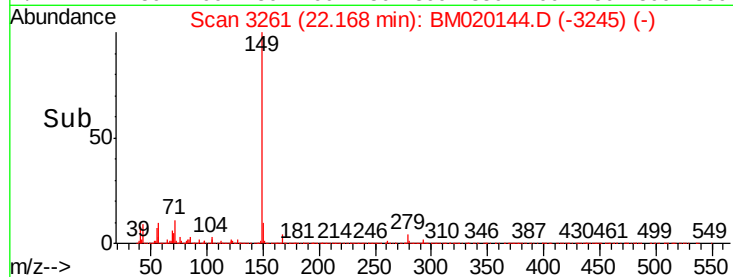
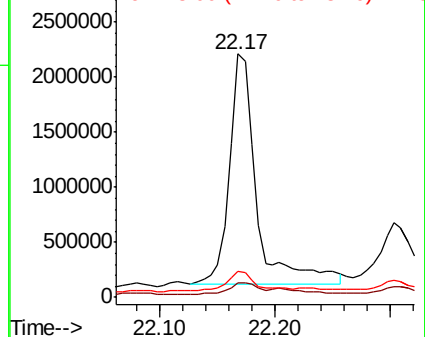
43 8.8 6.5 9.7



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: 56.881 ng

RT: 26.03 min Scan# 3917

Delta R.T. 0.04 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

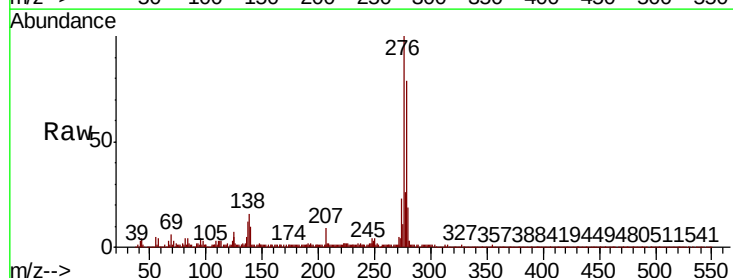
Tgt Ion:276 Resp: 3037285

Ion Ratio Lower Upper

276 100

138 16.2 0.0 0.0#

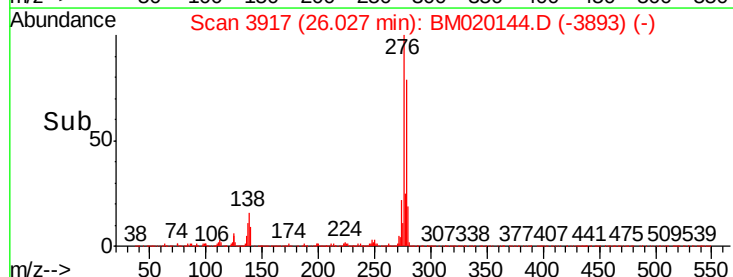
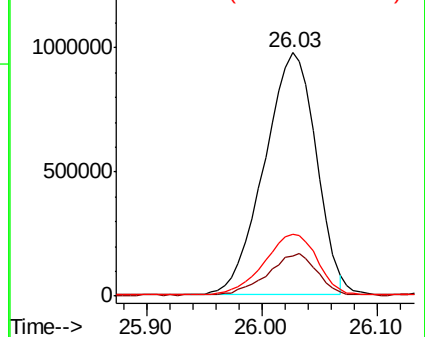
277 25.0 0.0 0.0#

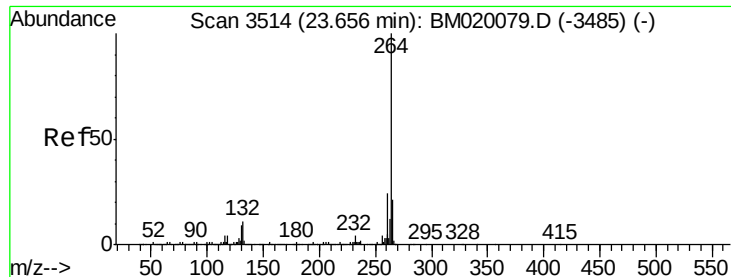


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3517

Delta R.T. 0.02 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

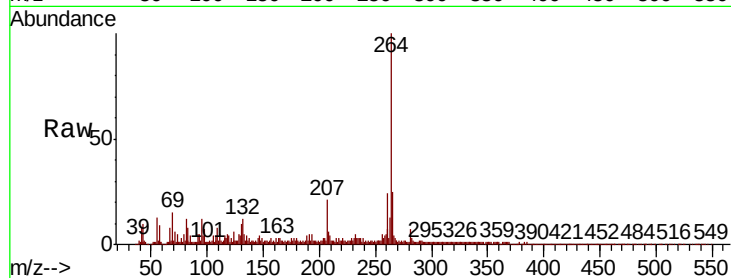
Tgt Ion:264 Resp: 769183

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

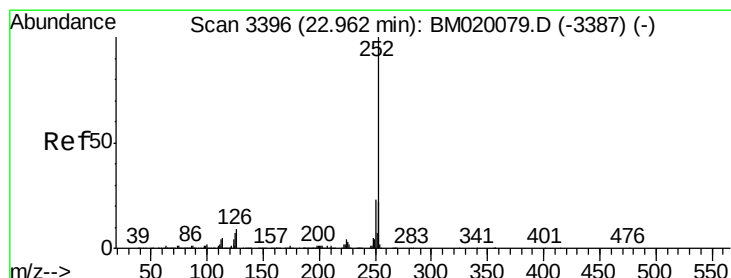
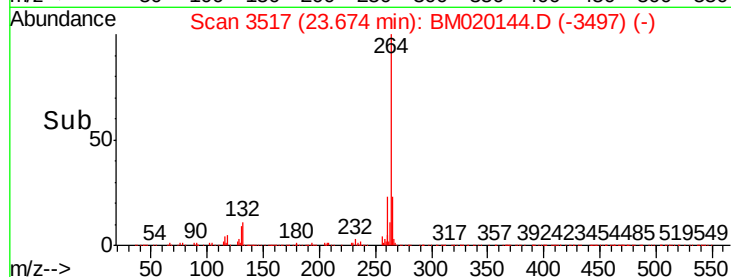
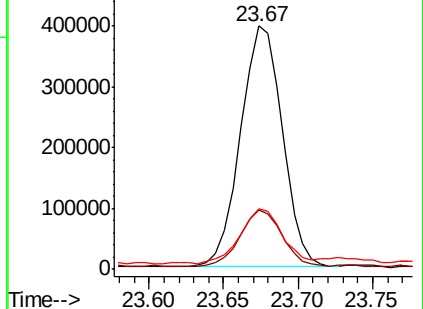
265 25.0 16.9 25.3



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: 59.455 ng

RT: 22.98 min Scan# 3399

Delta R.T. 0.02 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

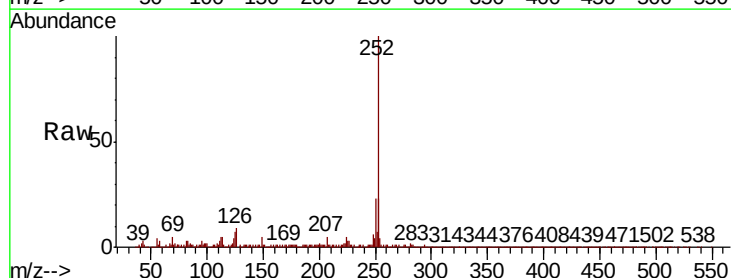
Tgt Ion:252 Resp: 3019871

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

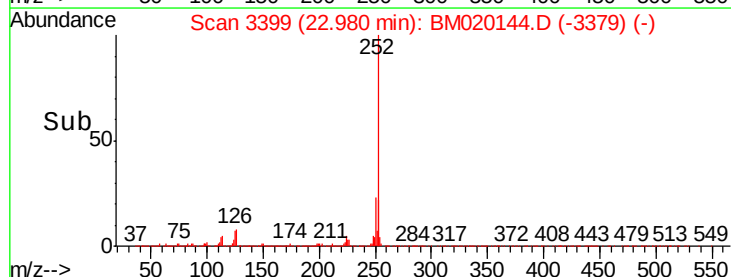
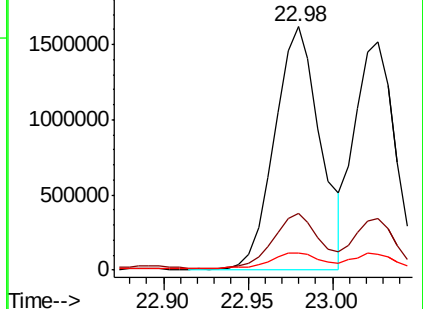
125 7.2 5.4 8.2

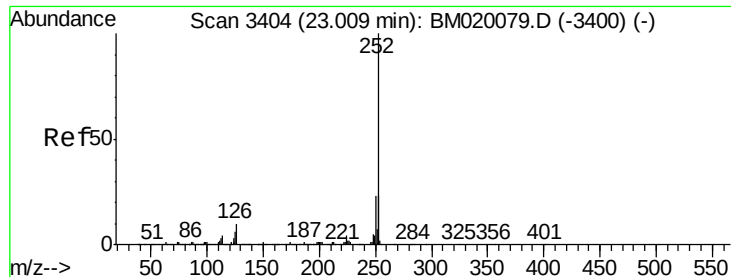


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 53.597 ng

RT: 23.03 min Scan# 3407

Delta R.T. 0.02 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

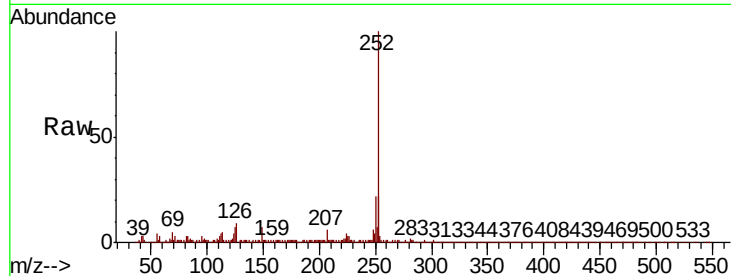
Tgt Ion:252 Resp: 2483278

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

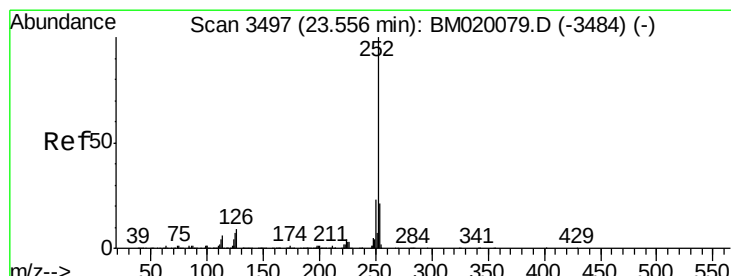
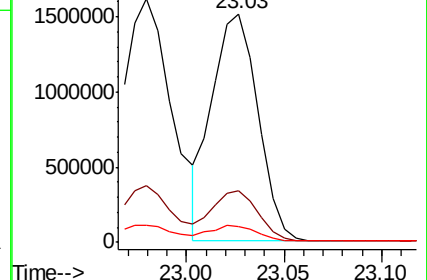
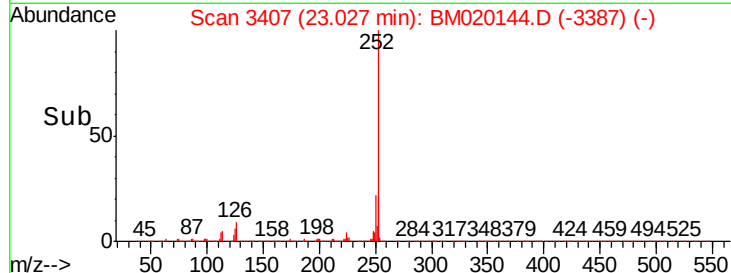
125 7.0 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 59.228 ng

RT: 23.58 min Scan# 3501

Delta R.T. 0.02 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

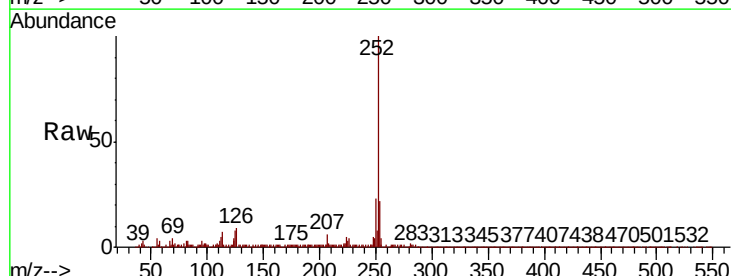
Tgt Ion:252 Resp: 2732579

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

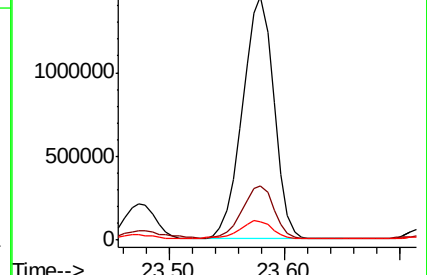
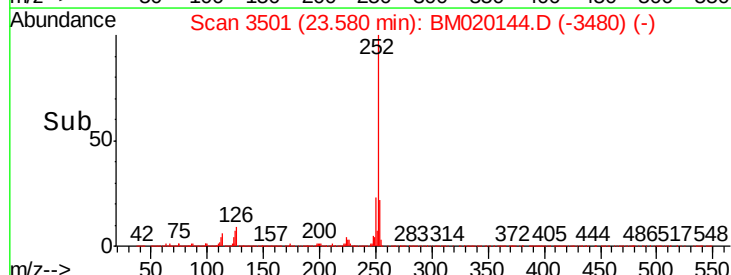
125 7.6 5.5 8.3

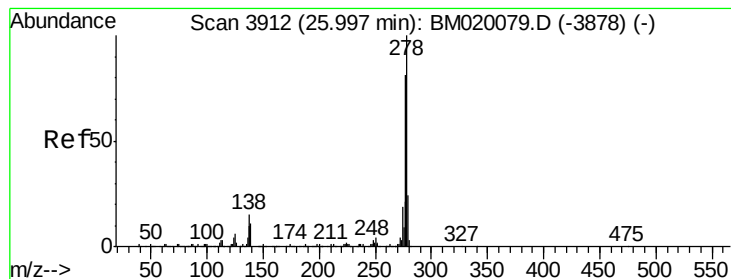


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.296 ng

RT: 26.04 min Scan# 3919

Delta R.T. 0.04 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

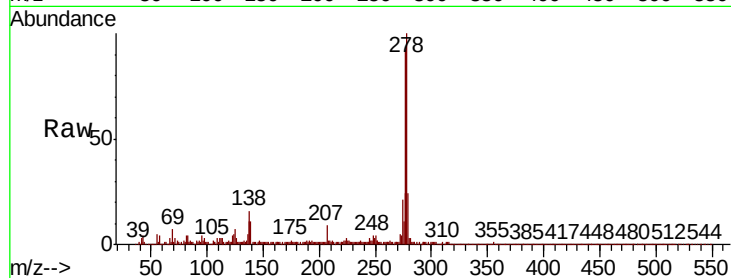
Tgt Ion:278 Resp: 2365212

Ion Ratio Lower Upper

278 100

139 10.8 8.6 13.0

279 23.9 18.8 28.2

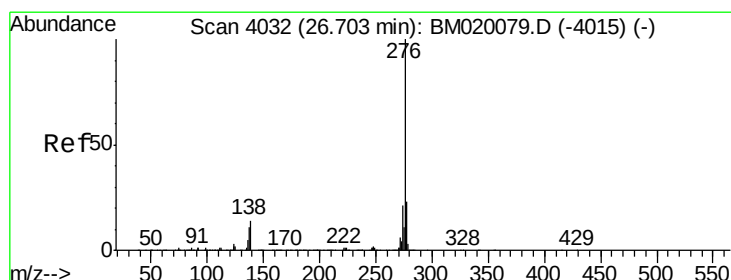
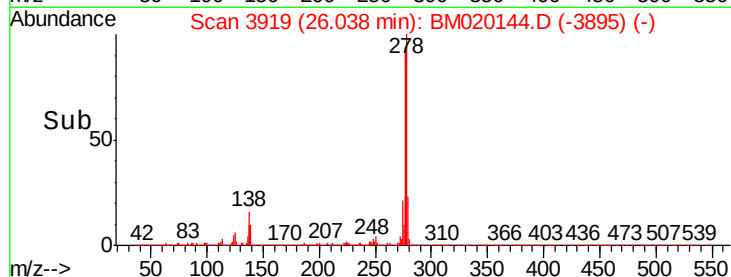
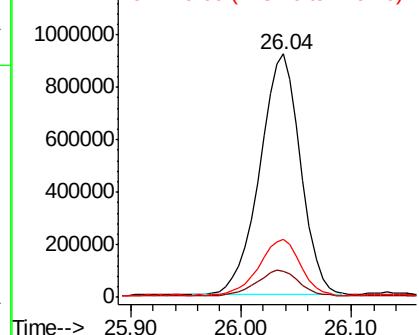


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.501 ng

RT: 26.75 min Scan# 4040

Delta R.T. 0.05 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

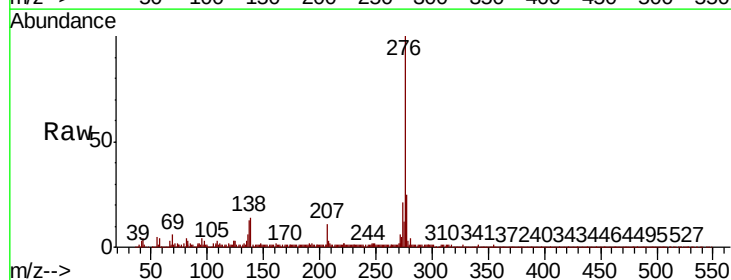
Tgt Ion:276 Resp: 2573756

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 13.8 11.1 16.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

