

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051319\
 Data File : BM020318.D
 Acq On : 13 May 2019 16:21
 Operator : JU/SJ
 Sample : K6823-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Quant Time: May 14 03:49:00 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	7.76	152	40008	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	145289	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	88766	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	225833	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	257675	20.00	ng	-0.02
87) Perylene-d12	23.63	264	283853	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	317842	129.86	ng	-0.02
7) Phenol-d6	6.93	99	427329	127.80	ng	-0.02
23) Nitrobenzene-d5	8.93	82	291684	79.26	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	209060	151.73	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	558202	77.37	ng	-0.04
79) Terphenyl-d14	19.79	244	1097858	74.31	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	39315	32.751	ng	90
3) Pyridine	3.68	79	103838	33.822	ng	97
4) n-Nitrosodimethylamine	3.60	42	31842	32.344	ng	# 62
6) Aniline	7.09	93	121781	28.932	ng	97
8) 2-Chlorophenol	7.32	128	106655	40.020	ng	98
9) Benzaldehyde	6.92	77	56297	22.245	ng	95
10) Phenol	6.96	94	142038	39.459	ng	88
11) bis(2-Chloroethyl)ether	7.19	93	102353	39.121	ng	97
12) 1,3-Dichlorobenzene	7.65	146	114195	36.828	ng	94
13) 1,4-Dichlorobenzene	7.79	146	118202	37.736	ng	97
14) 1,2-Dichlorobenzene	8.10	146	114160	38.254	ng	98
15) Benzyl Alcohol	8.00	79	105890	32.842	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.28	45	78787	36.317	ng	95
17) 2-Methylphenol	8.20	107	89024	38.419	ng	93
18) Hexachloroethane	8.82	117	63206	48.394	ng	92
19) n-Nitroso-di-n-propylamine	8.56	70	98047	34.273	ng	95
20) 3+4-Methylphenols	8.53	107	114906	37.311	ng	95
22) Acetophenone	8.59	105	163958	41.291	ng	96
24) Nitrobenzene	8.97	77	144008	37.742	ng	95
25) Isophorone	9.49	82	253349	39.921	ng	97
26) 2-Nitrophenol	9.67	139	53281	46.254	ng	86
27) 2,4-Dimethylphenol	9.73	122	87936	45.853	ng	97
28) bis(2-Chloroethoxy)methane	9.97	93	140667	40.698	ng	99
29) 2,4-Dichlorophenol	10.20	162	98566	40.759	ng	98
30) 1,2,4-Trichlorobenzene	10.41	180	120018	40.334	ng	98
31) Naphthalene	10.60	128	315529	41.850	ng	98
32) Benzoic acid	9.80	122	7962	11.642	ng	96
33) 4-Chloroaniline	10.72	127	86113	27.750	ng	97
34) Hexachlorobutadiene	10.86	225	77115	36.635	ng	100
35) Caprolactam	11.53	113	26620	36.814	ng	91
36) 4-Chloro-3-methylphenol	11.85	107	109572	38.557	ng	95
37) 2-Methylnaphthalene	12.22	142	308871	56.193	ng	96
38) 1-Methylnaphthalene	12.44	142	255117	47.464	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	139853	40.270	ng	99

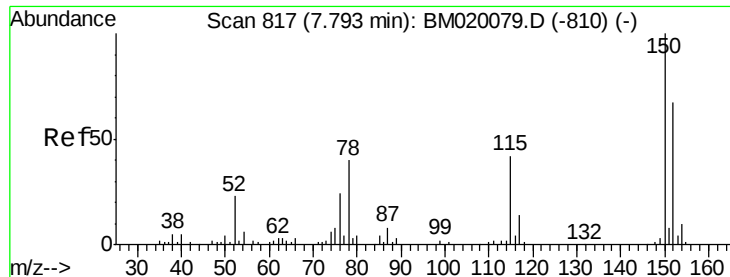
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051319\
 Data File : BM020318.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	154726	75.667	ng	97
43) 2,4,6-Trichlorophenol	12.83	196	92083	46.655	ng	96
44) 2,4,5-Trichlorophenol	12.90	196	94148	42.699	ng	98
46) 1,1'-Biphenyl	13.23	154	298179	40.811	ng	98
47) 2-Chloronaphthalene	13.28	162	240857	41.289	ng	98
48) 2-Nitroaniline	13.50	65	77310	37.225	ng	92
49) Acenaphthylene	14.13	152	375929	40.267	ng	99
50) Dimethylphthalate	13.87	163	402596	53.363	ng	99
51) 2,6-Dinitrotoluene	13.99	165	66054	41.569	ng	97
52) Acenaphthene	14.47	154	220184	41.127	ng	99
53) 3-Nitroaniline	14.33	138	46626	31.615	ng	94
54) 2,4-Dinitrophenol	14.54	184	49200	63.740	ng	89
55) Dibenzofuran	14.80	168	376560	41.699	ng	96
56) 4-Nitrophenol	14.64	139	95631	76.000	ng	87
57) 2,4-Dinitrotoluene	14.79	165	96018	44.470	ng	93
58) Fluorene	15.46	166	306592	41.339	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.03	232	97509	46.536	ng	97
60) Diethylphthalate	15.23	149	308466	40.583	ng	99
61) 4-Chlorophenyl-phenylether	15.45	204	170015	40.459	ng	97
62) 4-Nitroaniline	15.50	138	52426	32.211	ng	94
63) Azobenzene	15.74	77	328278	36.610	ng	95
65) 4,6-Dinitro-2-methylphenol	15.54	198	48064	43.050	ng	97
66) n-Nitrosodiphenylamine	15.67	169	271497	40.856	ng	98
67) 4-Bromophenyl-phenylether	16.34	248	105747	38.185	ng	95
68) Hexachlorobenzene	16.45	284	125693	39.442	ng	97
69) Atrazine	16.62	200	103757	39.954	ng	99
70) Pentachlorophenol	16.80	266	160552	88.054	ng	97
71) Phenanthrene	17.20	178	522356	41.902	ng	99
72) Anthracene	17.29	178	508757	40.818	ng	99
73) Carbazole	17.57	167	454817	40.441	ng	98
74) Di-n-butylphthalate	18.12	149	538988	39.823	ng	98
75) Fluoranthene	19.22	202	647061	41.024	ng	98
77) Benzidine	19.42	184	276326	33.543	ng	98
78) Pyrene	19.58	202	669996	38.728	ng	100
80) Butylbenzylphthalate	20.48	149	265901	42.266	ng	97
81) Benzo(a)anthracene	21.33	228	678574	37.551	ng	98
82) 3,3'-Dichlorobenzidine	21.27	252	231630	33.584	ng	99
83) Chrysene	21.39	228	691154	39.437	ng	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	397344	40.702	ng	99
85) Di-n-octyl phthalate	22.14	149	692494	42.679	ng	97
86) Indeno(1,2,3-cd)pyrene	25.96	276	805704	38.650	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	725790	38.721	ng	99
89) Benzo(k)fluoranthene	22.99	252	725104	42.408	ng	99
90) Benzo(a)pyrene	23.53	252	700171	41.124	ng	99
91) Dibenzo(a,h)anthracene	25.97	278	688126	38.864	ng	99
92) Benzo(g,h,i)perylene	26.67	276	660887	39.315	ng	98

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

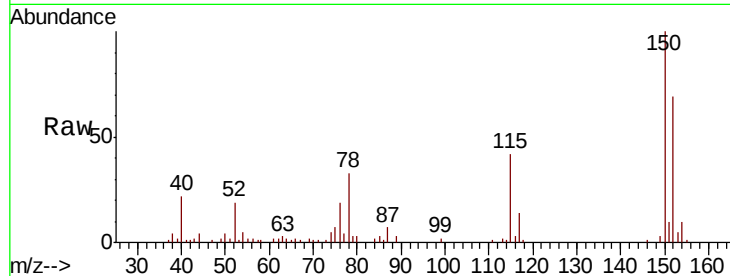


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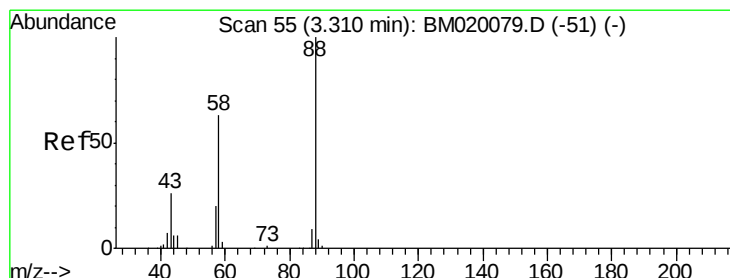
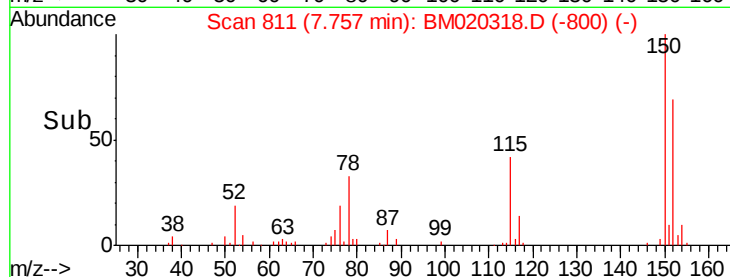
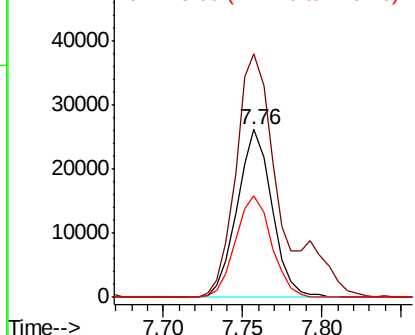
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tgt Ion:152 Resp: 40008
Ion Ratio Lower Upper
152 100
150 145.0 119.8 179.8
115 60.6 50.8 76.2



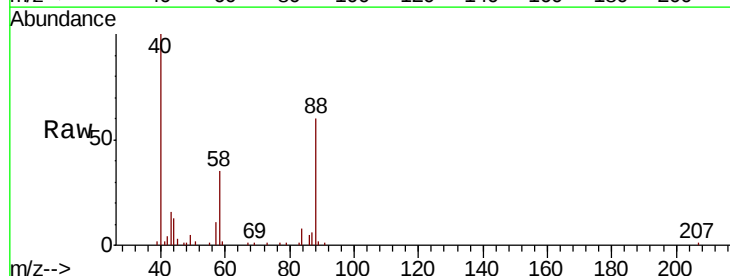
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



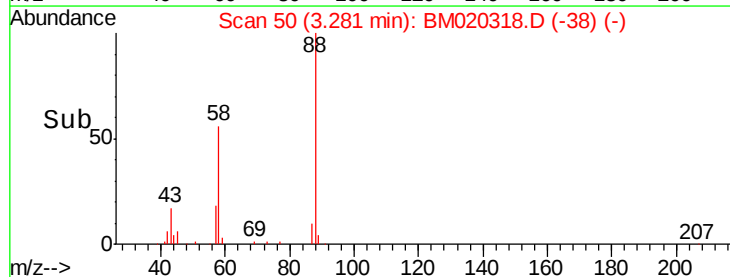
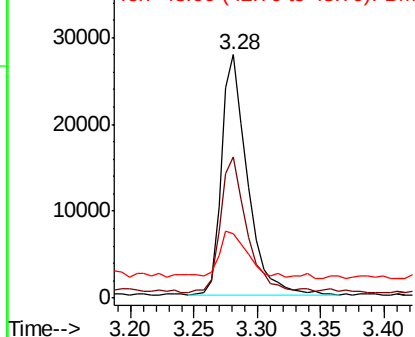
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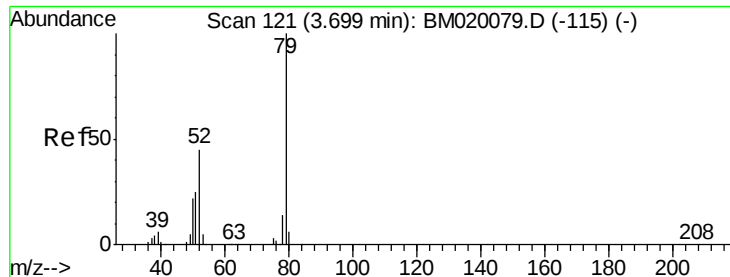
1,4-Dioxane
Concen: 32.751 ng
RT: 3.28 min Scan# 50
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion: 88 Resp: 39315
Ion Ratio Lower Upper
88 100
58 56.9 51.8 77.6
43 21.1 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: 33.822 ng

RT: 3.68 min Scan# 118

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

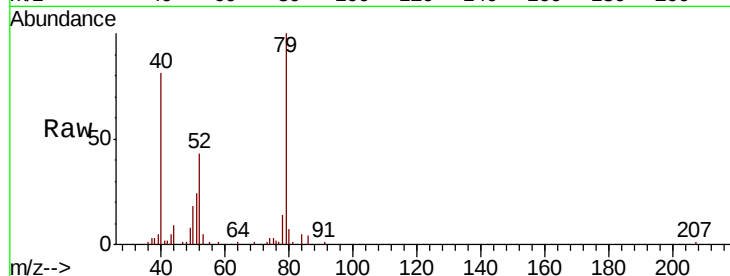
Tgt Ion: 79 Resp: 103838

Ion Ratio Lower Upper

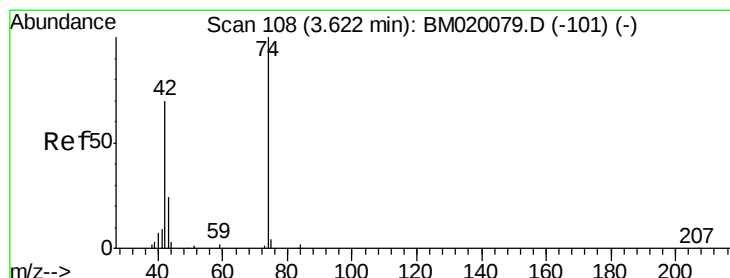
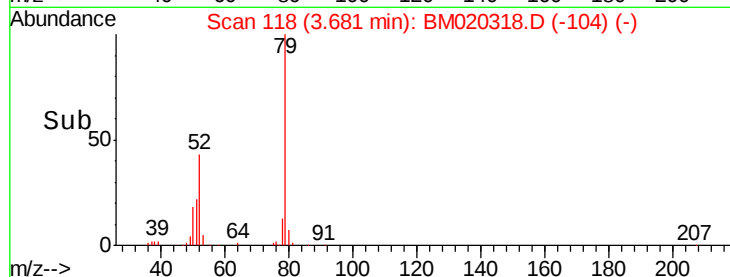
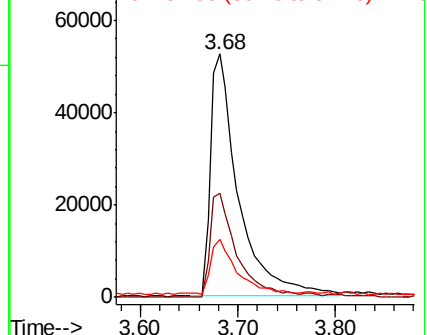
79 100

52 42.9 35.7 53.5

51 23.9 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 32.344 ng

RT: 3.60 min Scan# 104

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

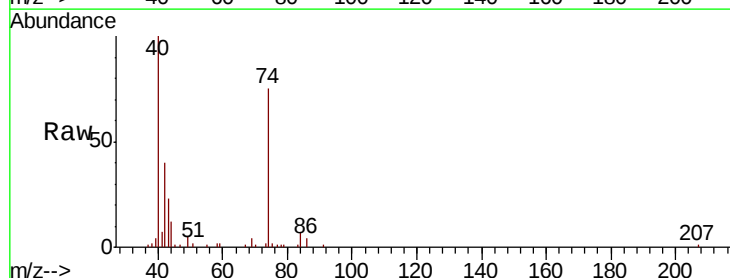
Tgt Ion: 42 Resp: 31842

Ion Ratio Lower Upper

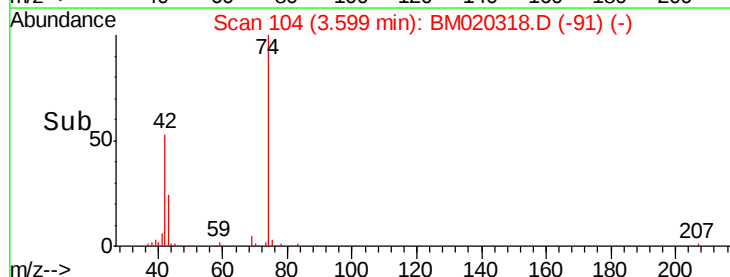
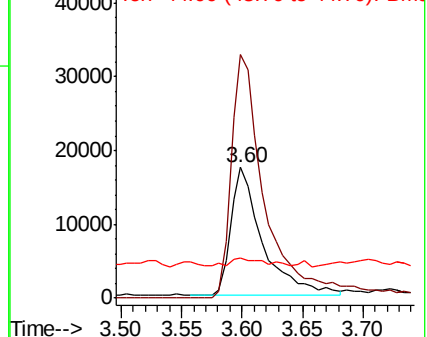
42 100

74 186.6 113.7 170.5#

44 30.4 3.9 5.9#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 129.860 ng

RT: 5.35 min Scan# 401

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampled :

12-B2MS

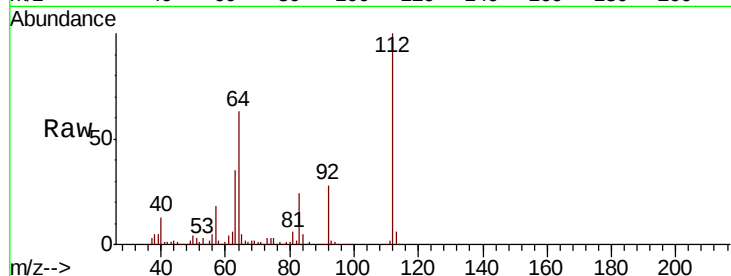
Tgt Ion: 112 Resp: 317842

Ion Ratio Lower Upper

112 100

64 63.0 53.8 80.6

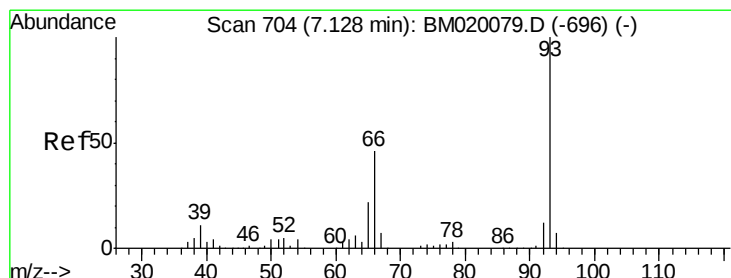
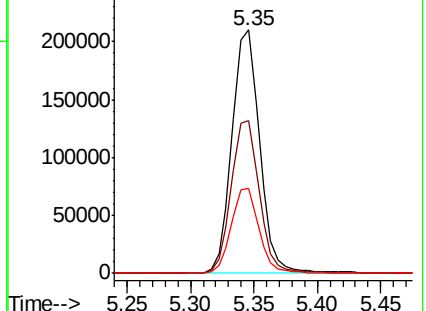
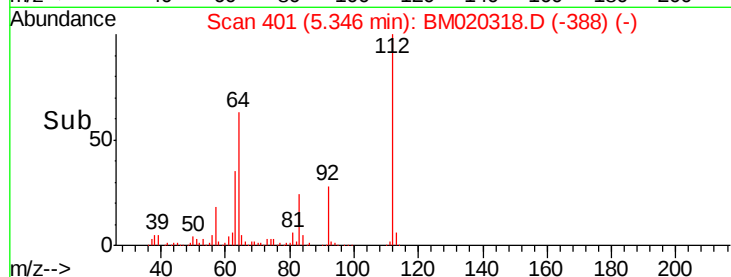
63 34.7 32.3 48.5



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: 28.932 ng

RT: 7.09 min Scan# 698

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

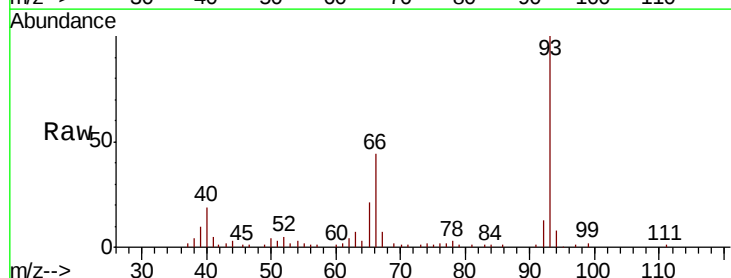
Tgt Ion: 93 Resp: 121781

Ion Ratio Lower Upper

93 100

66 43.5 36.6 54.8

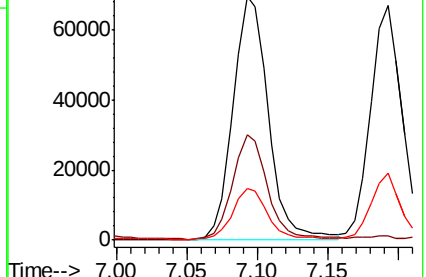
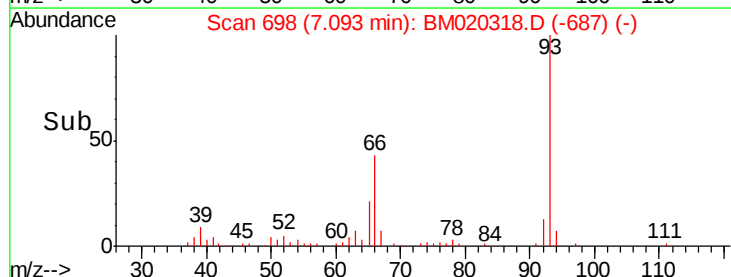
65 21.4 17.8 26.6

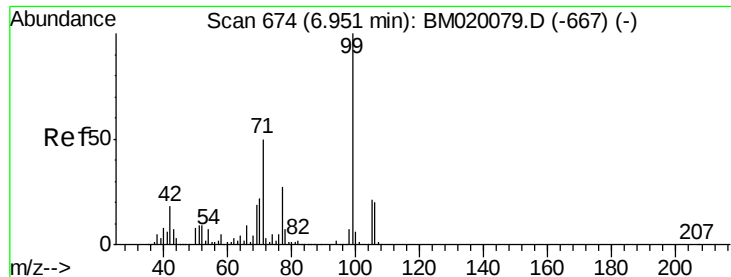


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 127.800 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

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ClientSampleId :

12-B2MS

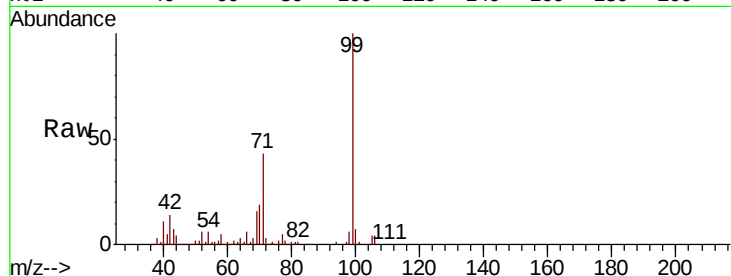
Tgt Ion: 99 Resp: 427329

Ion Ratio Lower Upper

99 100

42 14.2 14.2 21.2

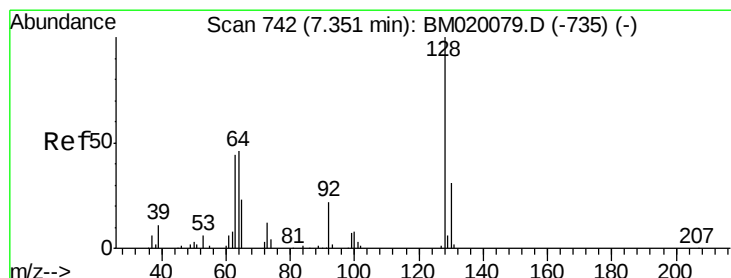
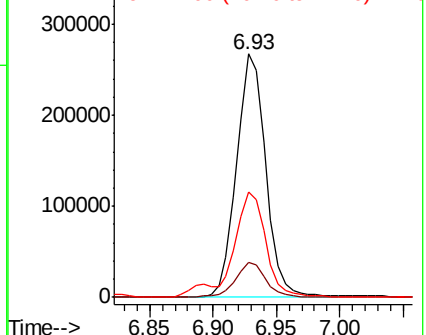
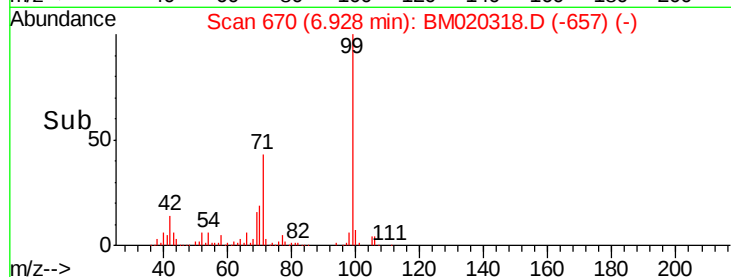
71 43.2 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020318.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020318.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020318.D (-657) (-)



#8

2-Chlorophenol

Concen: 40.020 ng

RT: 7.32 min Scan# 737

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

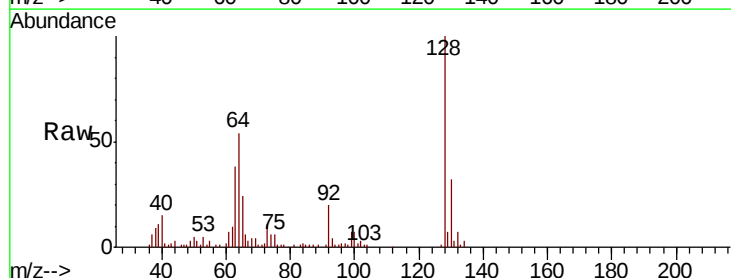
Tgt Ion: 128 Resp: 106655

Ion Ratio Lower Upper

128 100

130 31.7 10.8 50.8

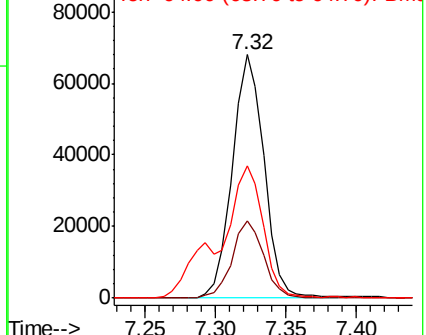
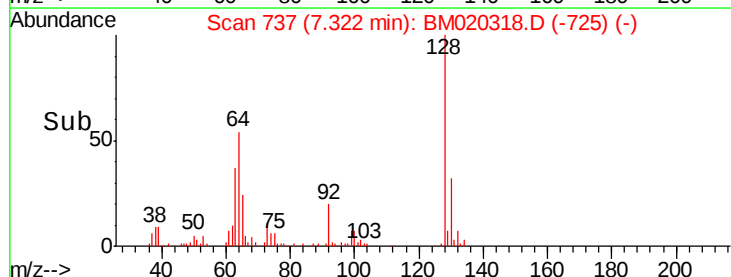
64 54.4 36.5 76.5

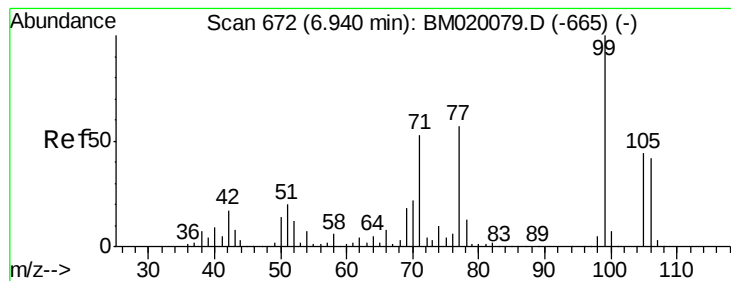


Abundance Ion 128.00 (127.70 to 128.70): BM020318.D (-725) (-)

Ion 130.00 (129.70 to 130.70): BM020318.D (-725) (-)

Ion 64.00 (63.70 to 64.70): BM020318.D (-725) (-)





#9

Benzaldehyde

Concen: 22.245 ng

RT: 6.92 min Scan# 668

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

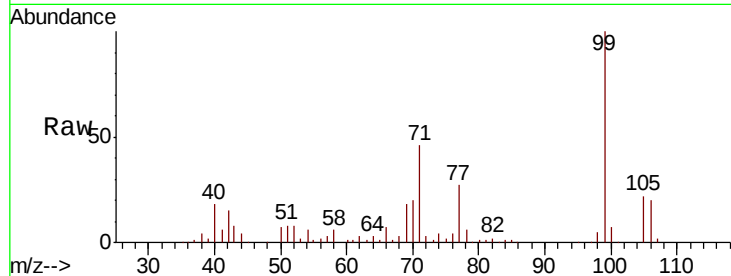
Tgt Ion: 77 Resp: 56297

Ion Ratio Lower Upper

77 100

105 84.6 57.8 97.8

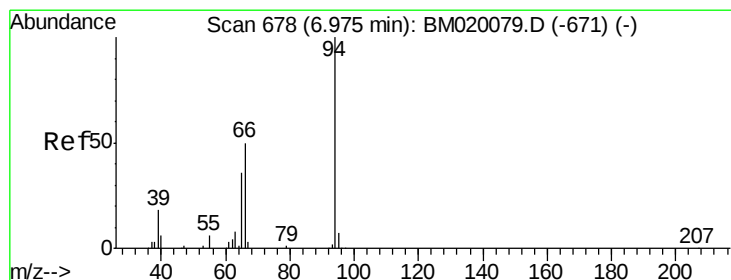
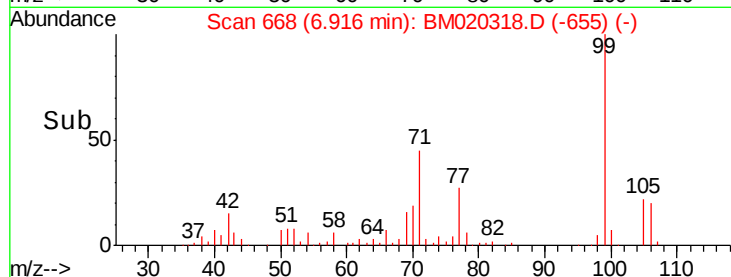
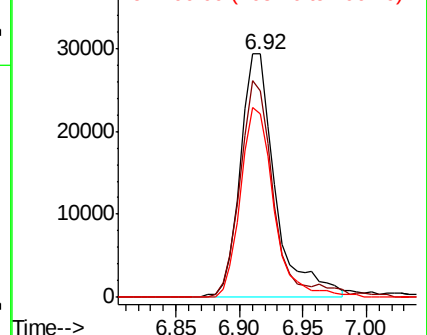
106 75.2 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020318.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020318.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020318.D (-665) (-)



#10

Phenol

Concen: 39.459 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

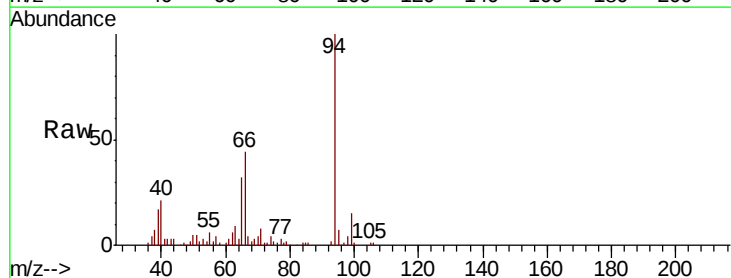
Tgt Ion: 94 Resp: 142038

Ion Ratio Lower Upper

94 100

65 32.3 17.0 57.0

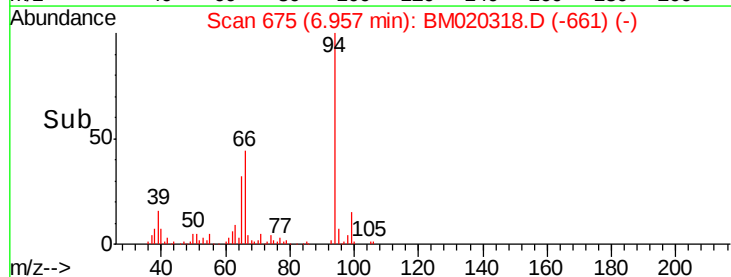
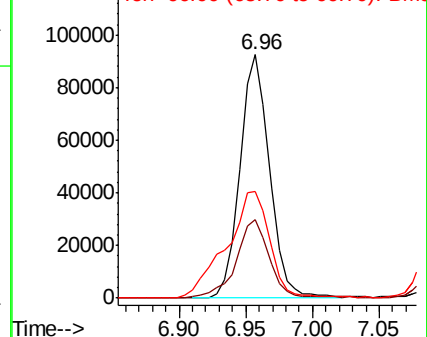
66 44.0 34.5 74.5

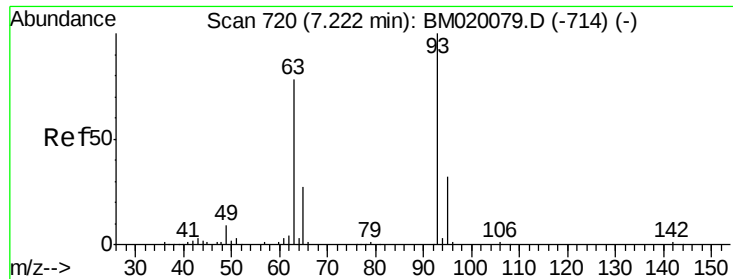


Abundance Ion 94.00 (93.70 to 94.70): BM020318.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020318.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020318.D (-661) (-)

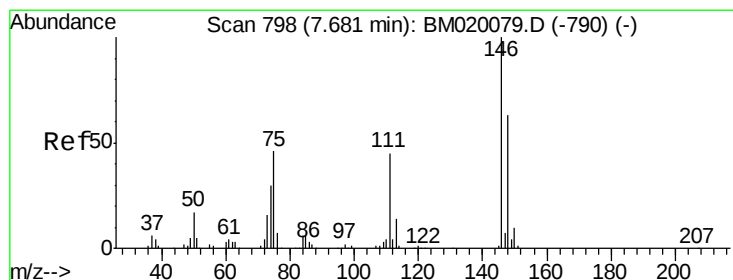
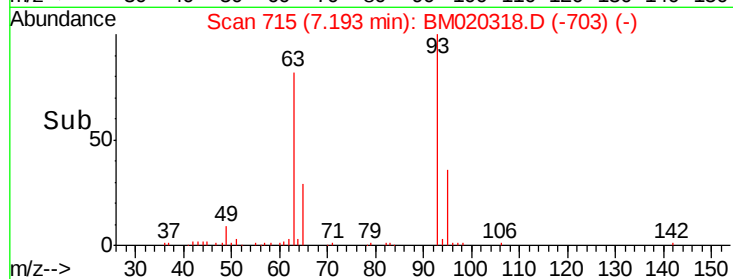
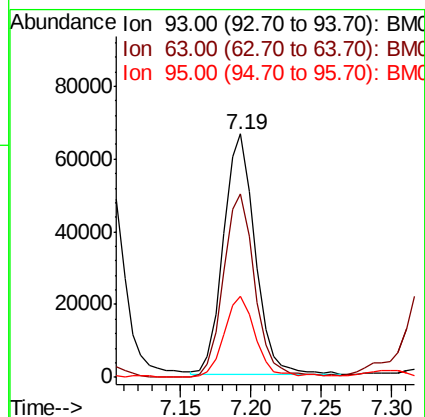
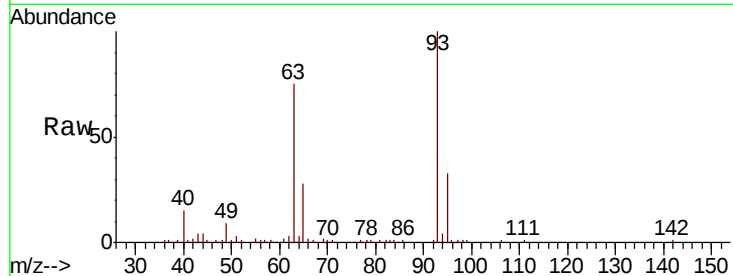




#11
 bis(2-Chloroethyl)ether
 Concen: 39.121 ng
 RT: 7.19 min Scan# 715
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

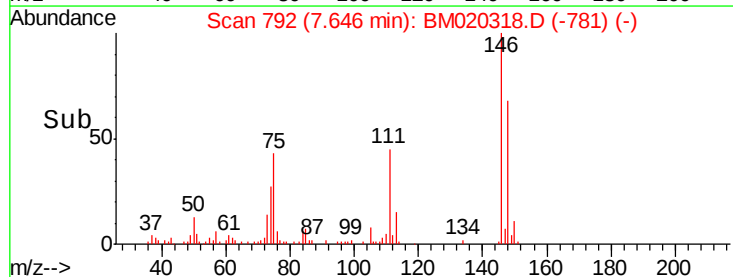
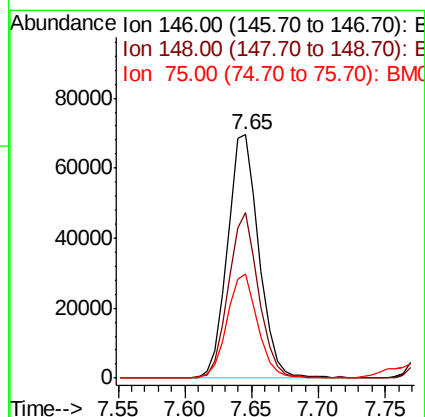
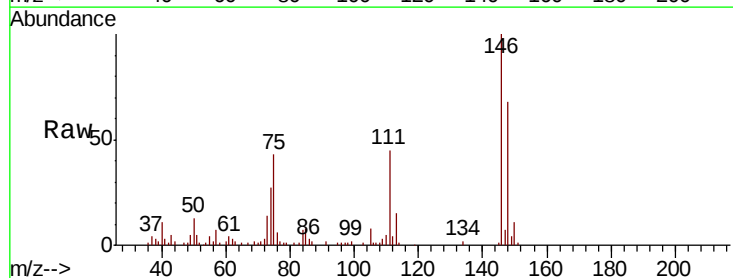
Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

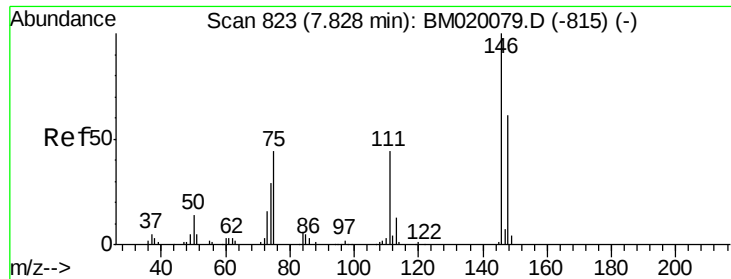
Tgt Ion: 93 Resp: 102353
 Ion Ratio Lower Upper
 93 100
 63 75.2 57.9 97.9
 95 33.1 11.3 51.3



#12
 1,3-Dichlorobenzene
 Concen: 36.828 ng
 RT: 7.65 min Scan# 792
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion: 146 Resp: 114195
 Ion Ratio Lower Upper
 146 100
 148 67.9 50.1 75.1
 75 42.6 37.2 55.8

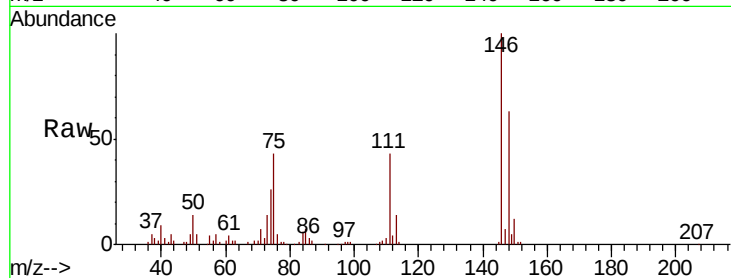




#13
 1,4-Dichlorobenzene
 Concen: 37.736 ng
 RT: 7.79 min Scan# 817
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	48.5	72.7
111	43.0	35.7	53.5

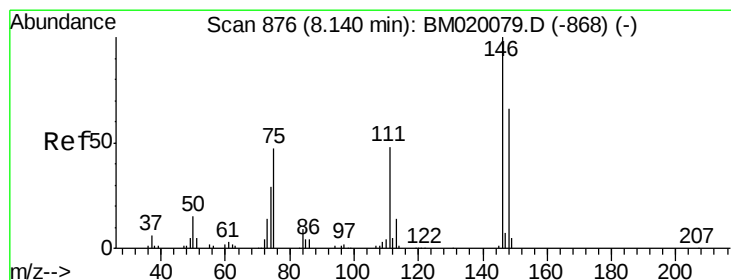
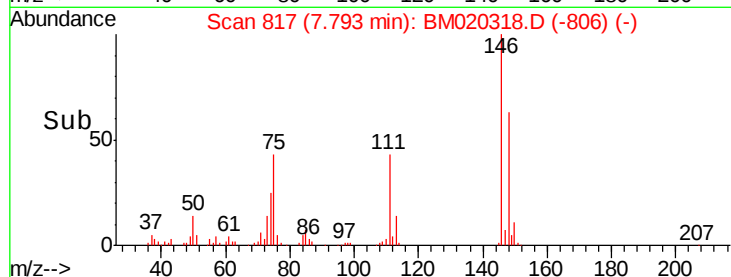
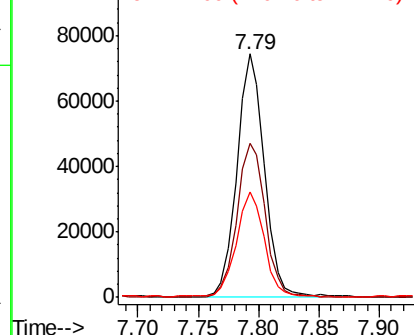


Abundance

Ion 146.00 (145.70 to 146.70): E

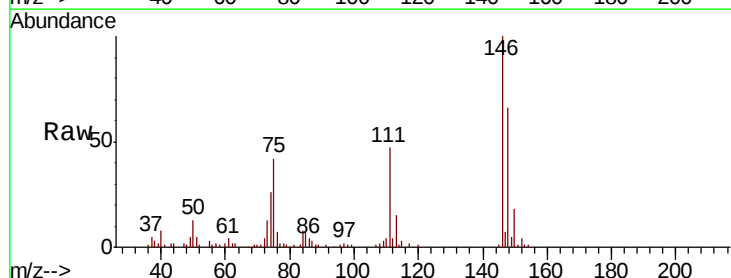
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.254 ng
 RT: 8.10 min Scan# 870
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.6	79.0
111	46.8	39.0	58.4

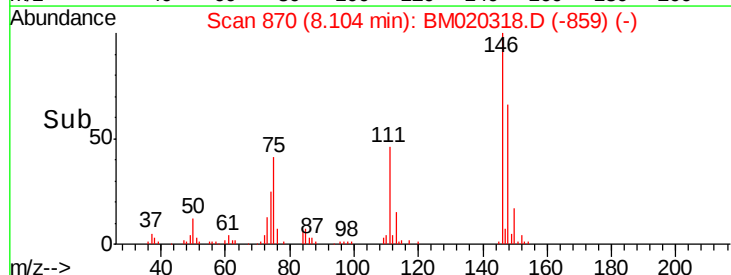
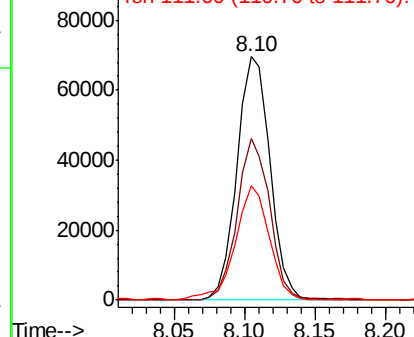


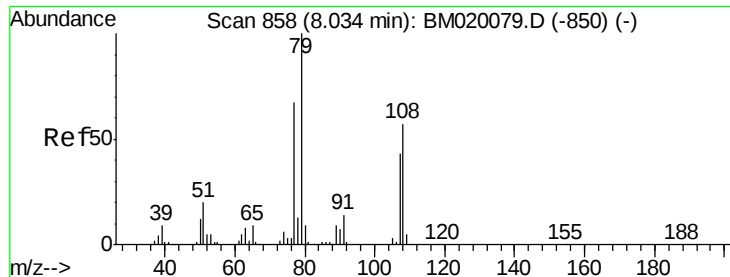
Abundance

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: 32.842 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

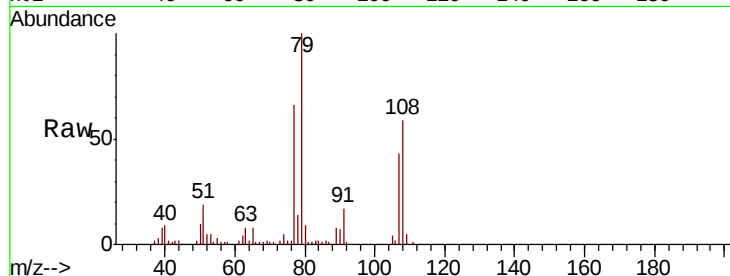
Tgt Ion: 79 Resp: 105890

Ion Ratio Lower Upper

79 100

108 59.0 46.0 69.0

77 66.4 53.8 80.6

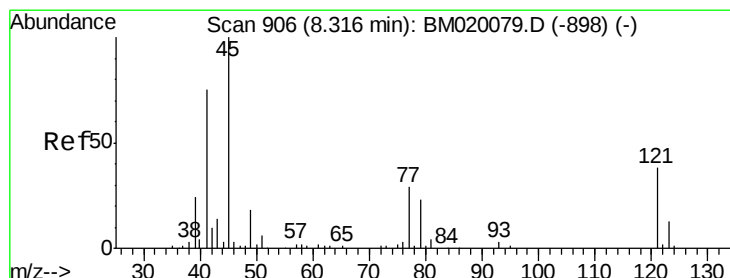
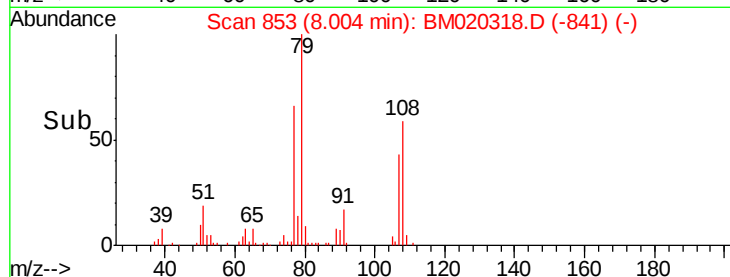


Abundance Ion 79.00 (78.70 to 79.70): BM020318.D (-853) (-)

Ion 108.00 (107.70 to 108.70): BM020318.D (-853) (-)

Ion 77.00 (76.70 to 77.70): BM020318.D (-853) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.317 ng

RT: 8.28 min Scan# 900

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

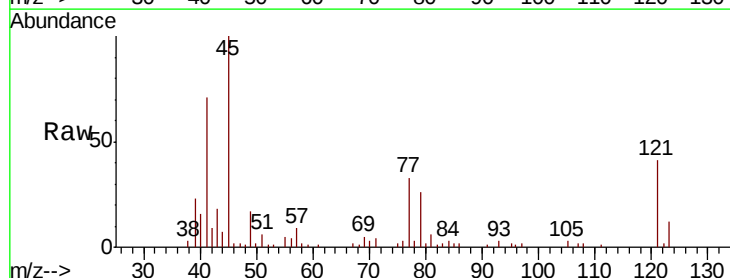
Tgt Ion: 45 Resp: 78787

Ion Ratio Lower Upper

45 100

77 32.8 10.5 50.5

79 25.8 3.3 43.3

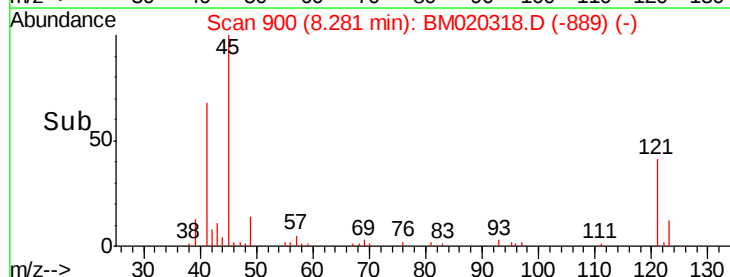


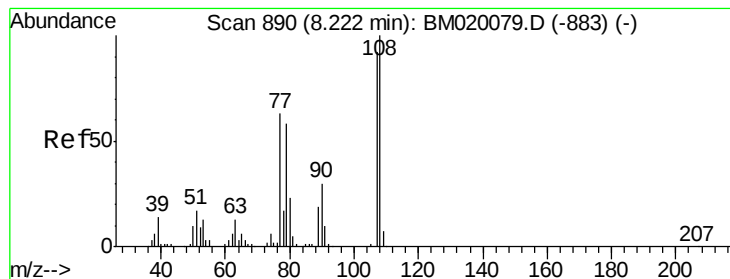
Abundance Ion 45.00 (44.70 to 45.70): BM020318.D (-890) (-)

Ion 77.00 (76.70 to 77.70): BM020318.D (-890) (-)

Ion 79.00 (78.70 to 79.70): BM020318.D (-890) (-)

Time-->





#17

2-Methylphenol

Concen: 38.419 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

Tgt Ion:107 Resp: 89024

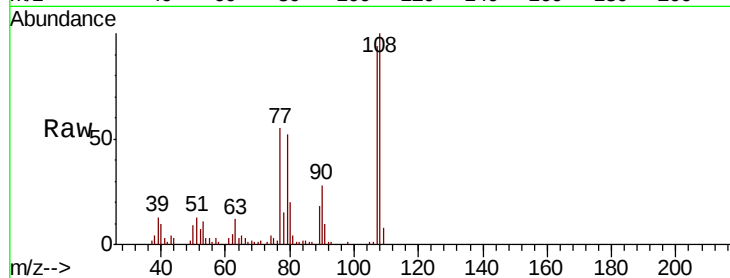
Ion Ratio Lower Upper

107 100

108 106.2 87.0 130.4

77 58.2 54.7 82.1

79 54.9 50.1 75.1

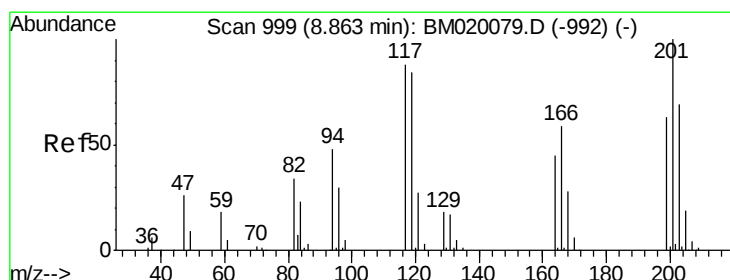
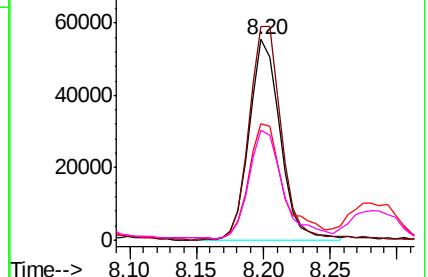
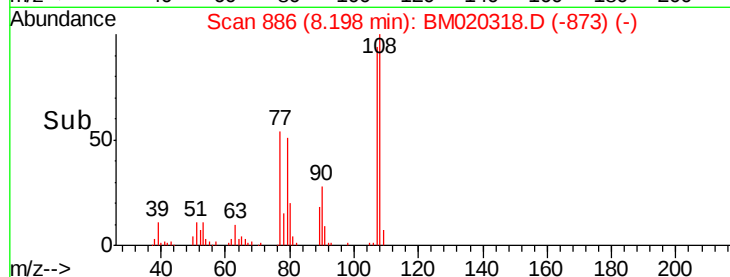


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 48.394 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

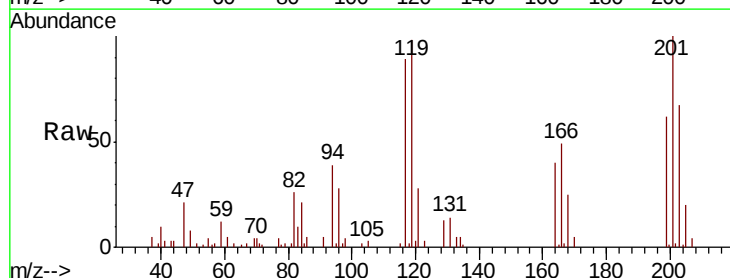
Tgt Ion:117 Resp: 63206

Ion Ratio Lower Upper

117 100

119 110.1 76.6 114.8

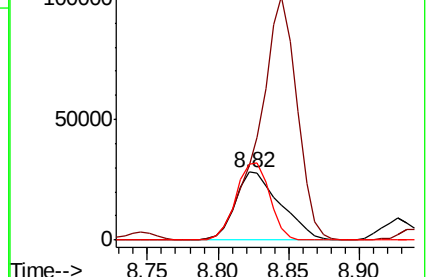
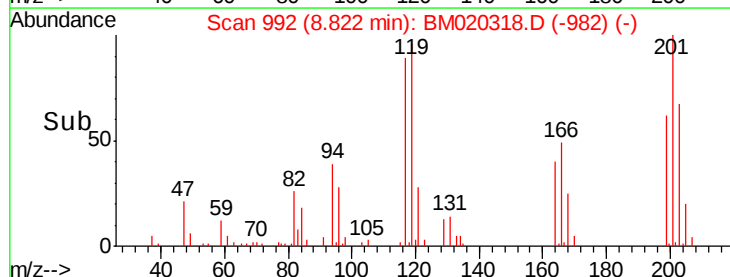
201 111.8 90.7 136.1

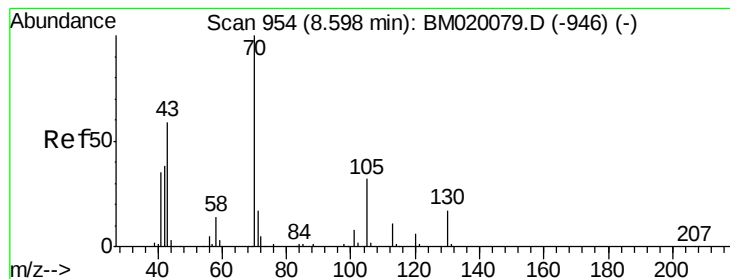


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.273 ng

RT: 8.56 min Scan# 948

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

Tgt Ion: 70 Resp: 98047

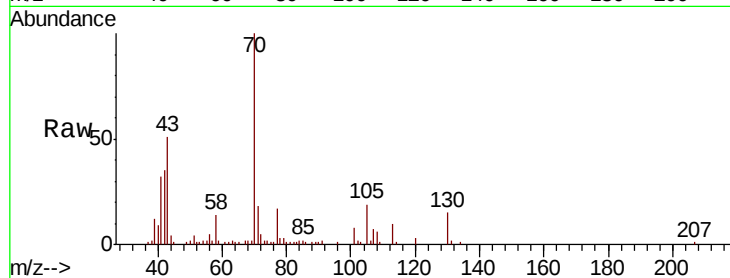
Ion Ratio Lower Upper

70 100

42 34.9 31.0 46.4

101 8.3 6.2 9.2

130 14.9 13.5 20.3



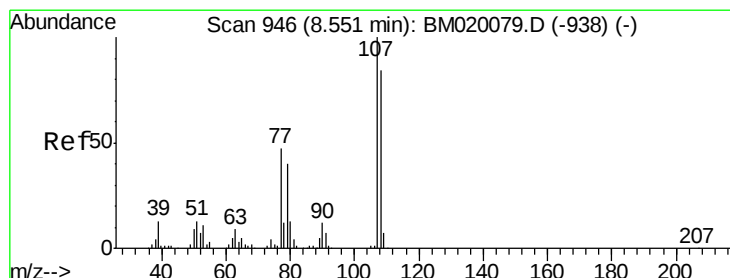
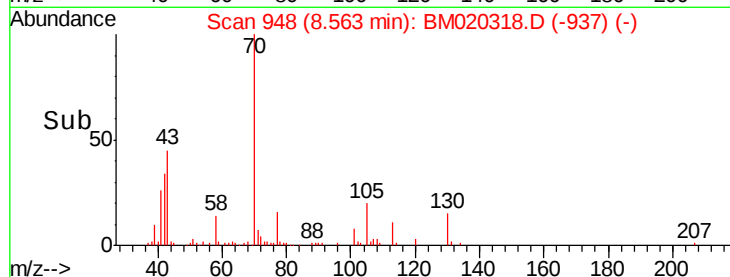
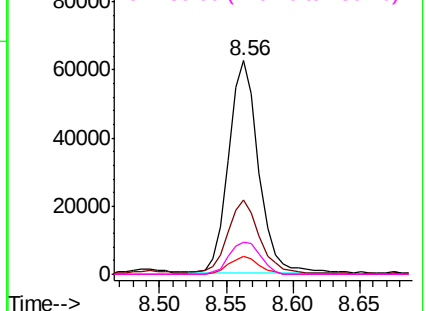
Abundance

Ion 70.00 (69.70 to 70.70): BM020079.D (-946) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-946) (-)

Ion 101.00 (100.70 to 101.70): BM020079.D (-946) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-946) (-)



#20

3+4-Methylphenols

Concen: 37.311 ng

RT: 8.53 min Scan# 942

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tgt Ion: 107 Resp: 114906

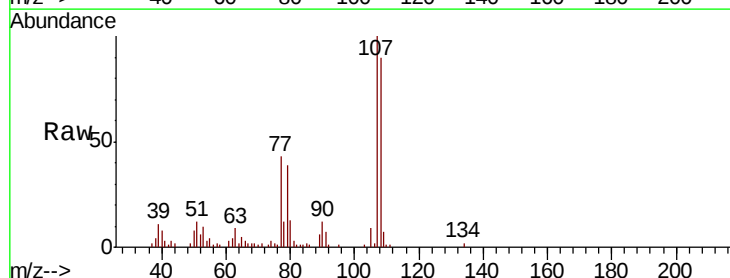
Ion Ratio Lower Upper

107 100

108 90.5 64.4 104.4

77 43.3 27.2 67.2

79 38.8 19.6 59.6



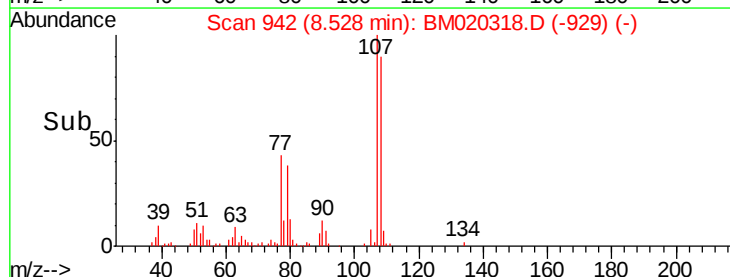
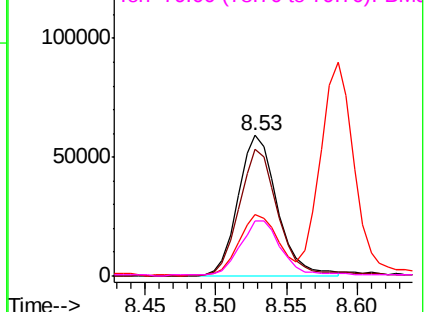
Abundance

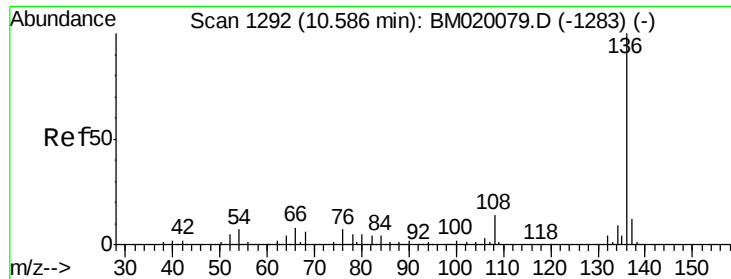
Ion 107.00 (106.70 to 107.70): BM020079.D (-938) (-)

Ion 108.00 (107.70 to 108.70): BM020079.D (-938) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-938) (-)

Ion 79.00 (78.70 to 79.70): BM020079.D (-938) (-)

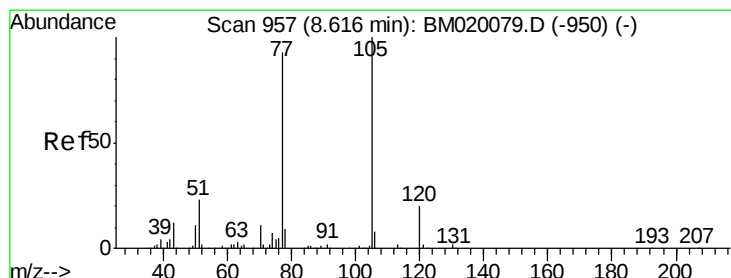
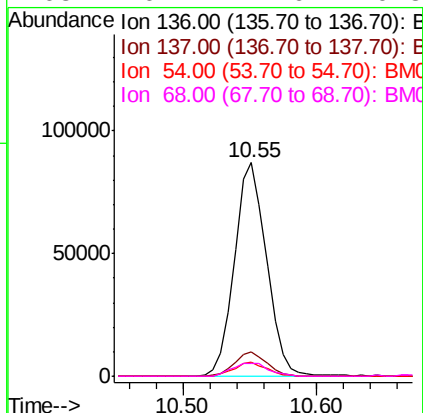
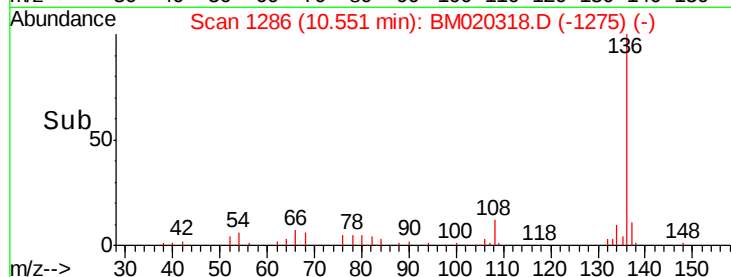
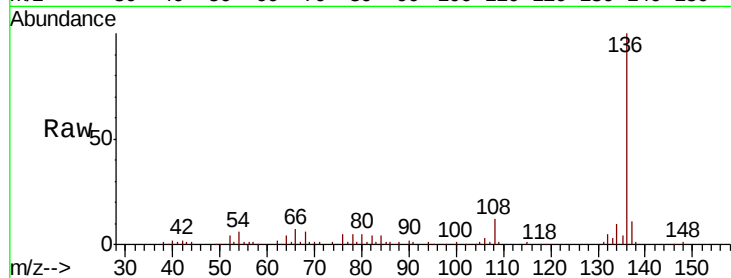




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

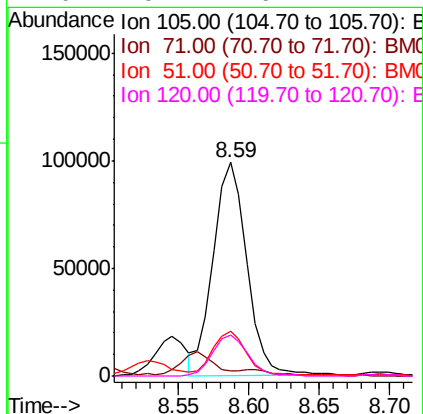
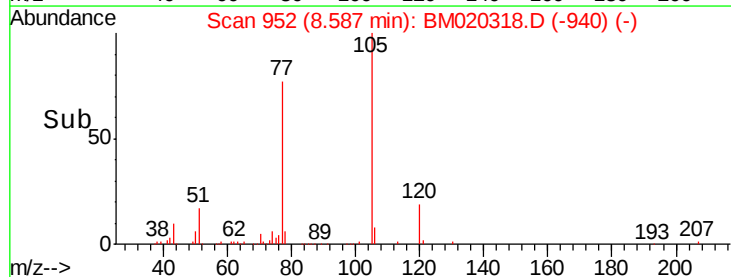
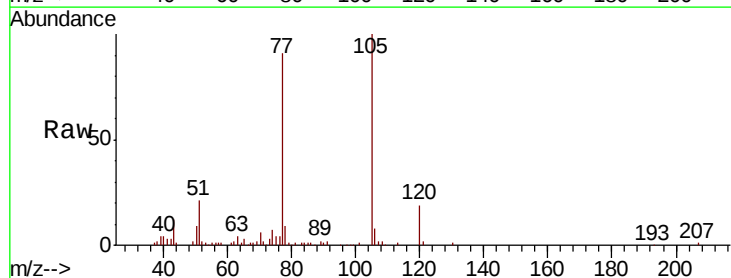
Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tgt Ion:	136	Resp:	145289
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	6.4	5.5	8.3
68	6.1	4.6	6.8



#22
Acetophenone
Concen: 41.291 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion:	105	Resp:	163958
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.2	3.2
51	21.1	19.3	28.9
120	19.1	16.2	24.4

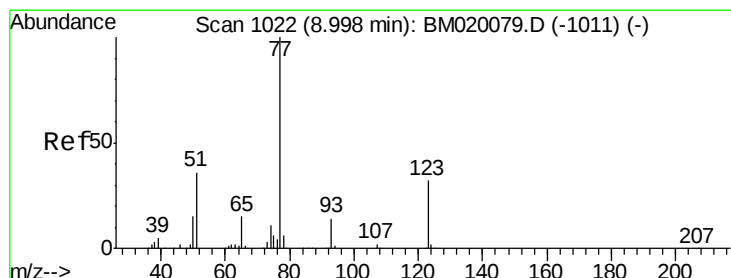
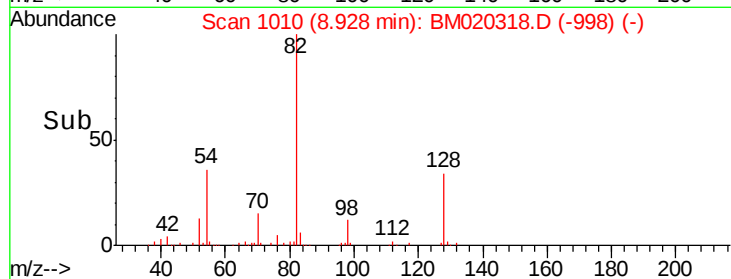
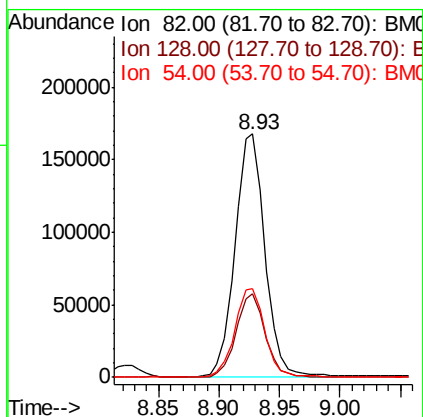
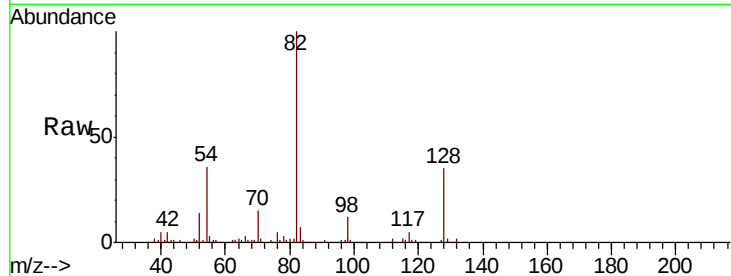




#23
Nitrobenzene-d5
Concen: 79.261 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

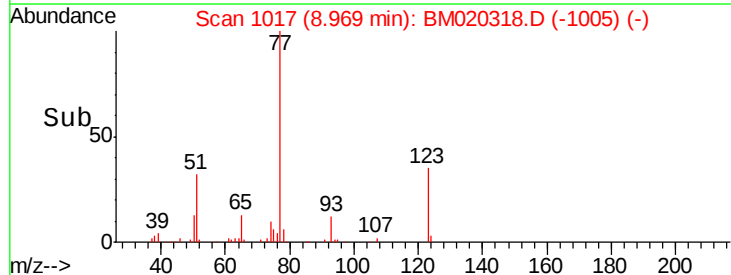
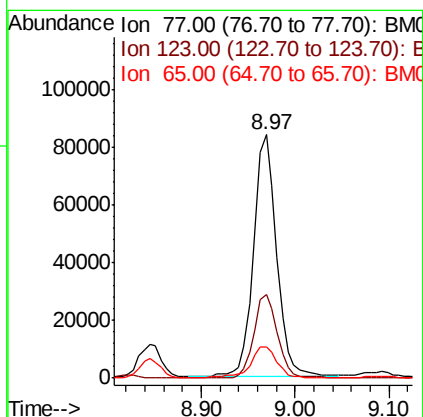
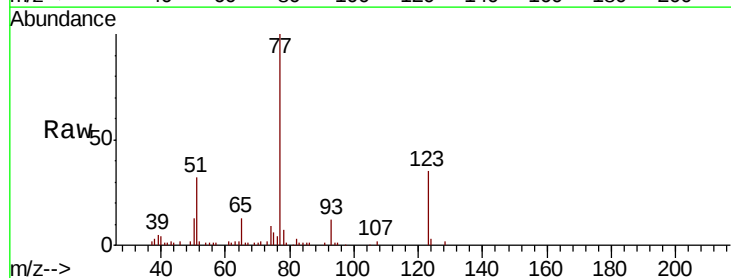
Instrument :
BNA_M
ClientSampleId :
12-B2MS

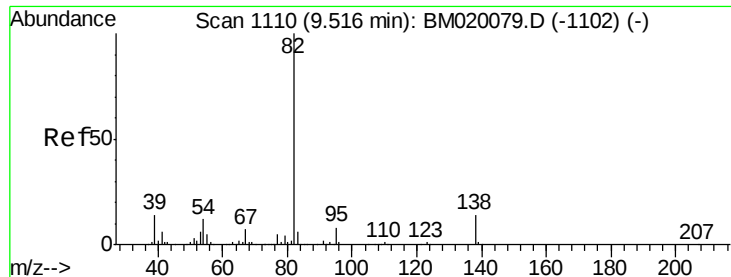
Tgt Ion: 82 Resp: 291684
Ion Ratio Lower Upper
82 100
128 34.5 25.2 37.8
54 36.4 31.9 47.9



#24
Nitrobenzene
Concen: 37.742 ng
RT: 8.97 min Scan# 1017
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion: 77 Resp: 144008
Ion Ratio Lower Upper
77 100
123 34.6 25.5 38.3
65 12.8 11.8 17.6





#25

Isophorone

Concen: 39.921 ng

RT: 9.49 min Scan# 1105

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

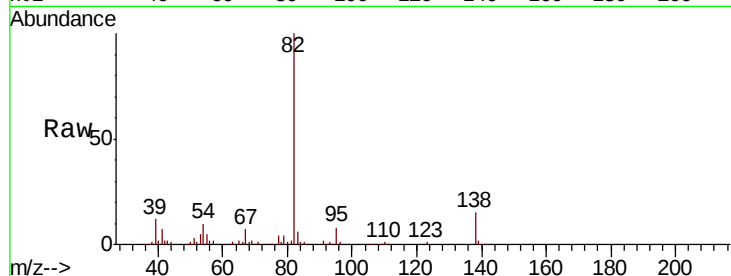
Tgt Ion: 82 Resp: 253349

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

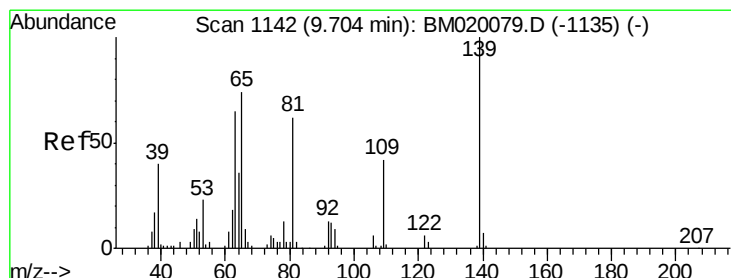
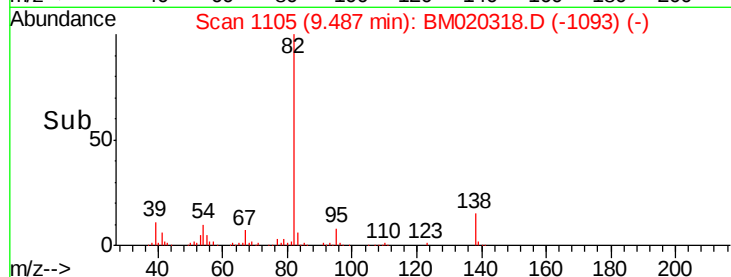
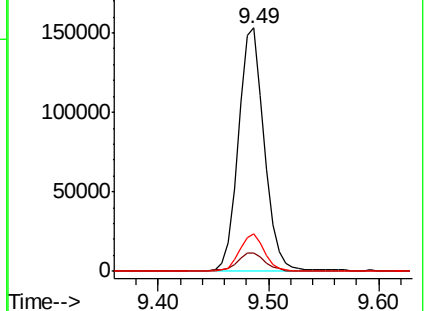
138 15.3 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020079.D (-1102) (-)



#26

2-Nitrophenol

Concen: 46.254 ng

RT: 9.67 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

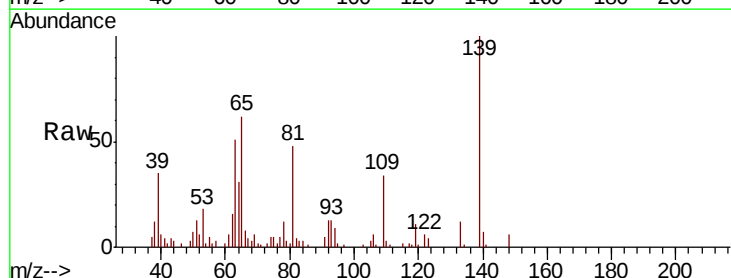
Tgt Ion: 139 Resp: 53281

Ion Ratio Lower Upper

139 100

109 34.4 33.7 50.5

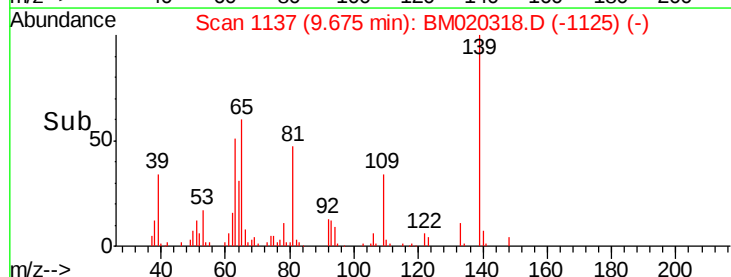
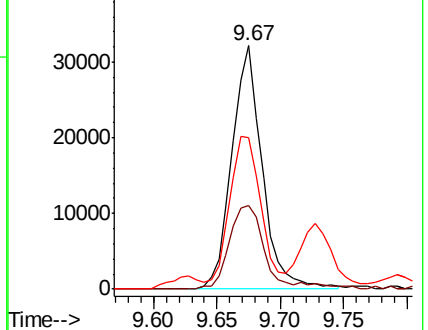
65 62.1 59.5 89.3



Abundance Ion 139.00 (138.70 to 139.70): BM020079.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020079.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1135) (-)

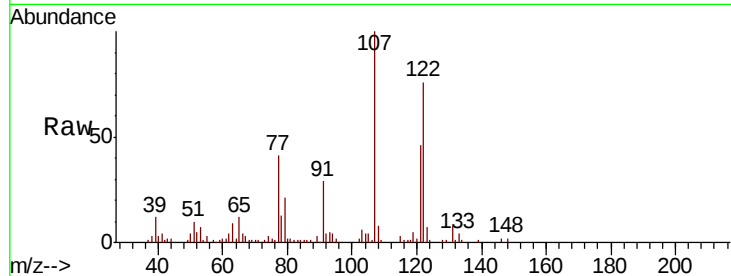




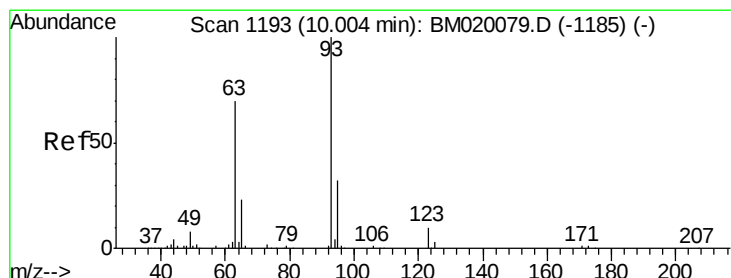
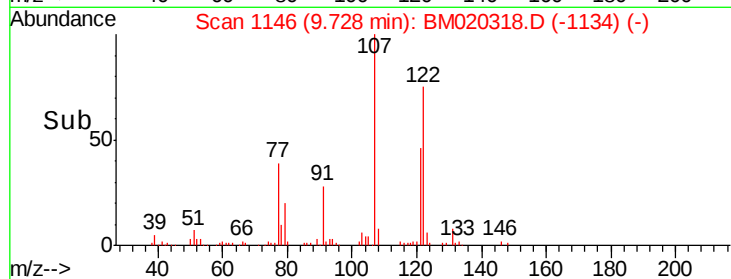
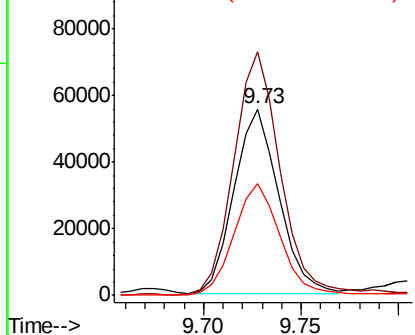
#27
 2,4-Dimethylphenol
 Concen: 45.853 ng
 RT: 9.73 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tgt Ion:122 Resp: 87936
 Ion Ratio Lower Upper
 122 100
 107 130.8 108.6 162.8
 121 60.1 47.4 71.2

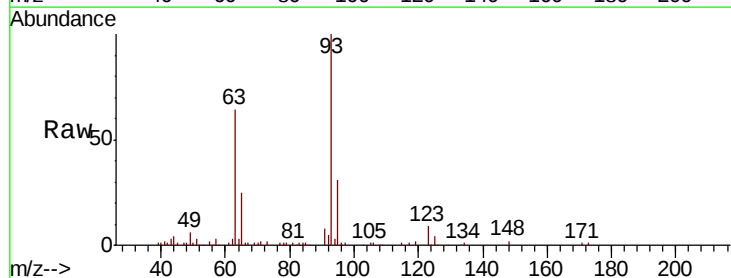


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

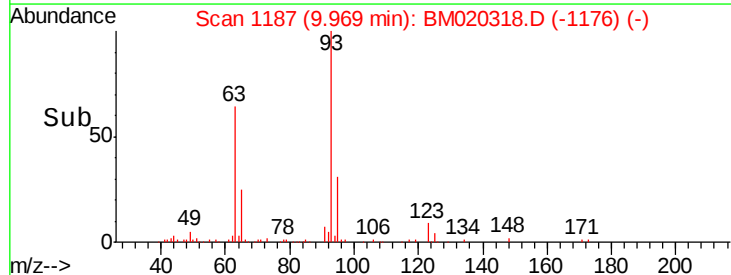
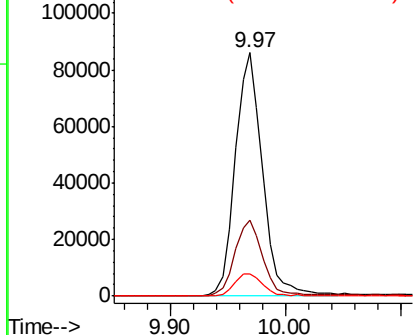


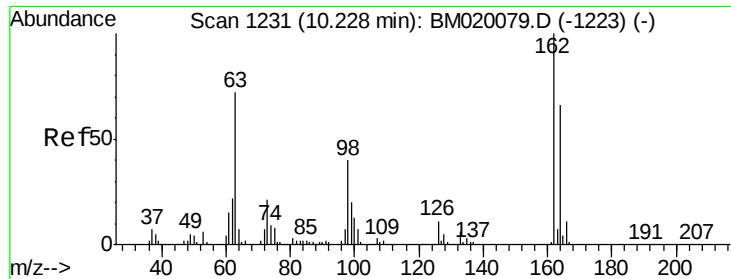
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.698 ng
 RT: 9.97 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion: 93 Resp: 140667
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.5 38.3
 123 9.3 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

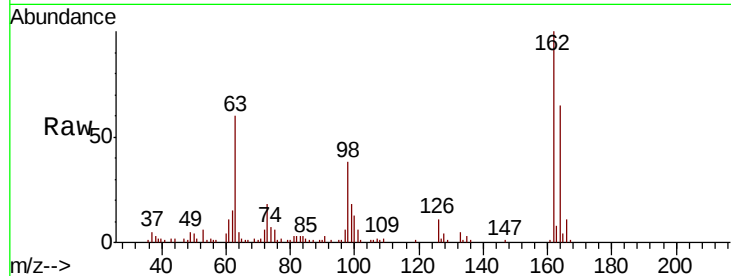




#29
2,4-Dichlorophenol
Concen: 40.759 ng
RT: 10.20 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.6	85.6
98	37.8	20.4	60.4

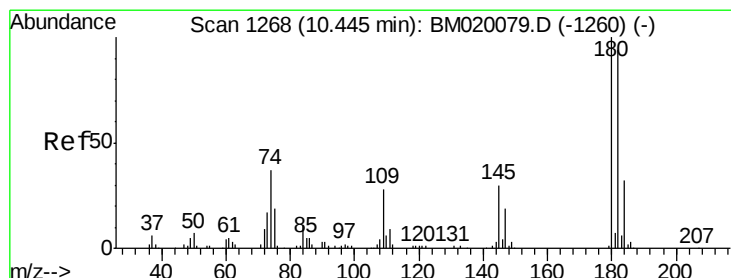
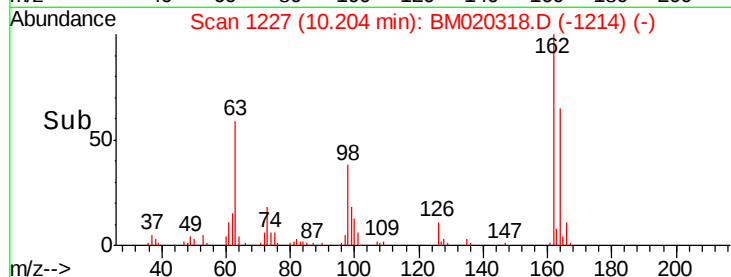
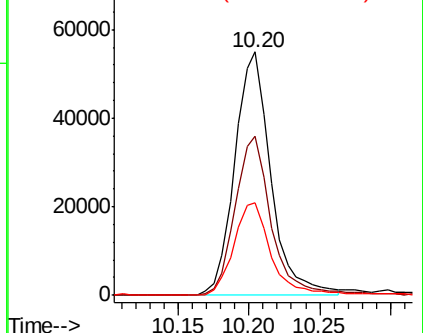


Abundance

Ion 162.00 (161.70 to 162.70): E

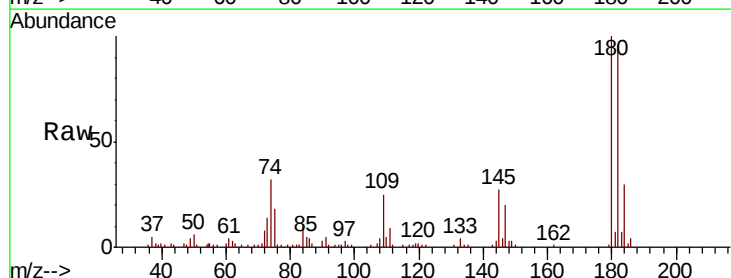
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 40.334 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.4	113.0
145	26.8	23.8	35.8

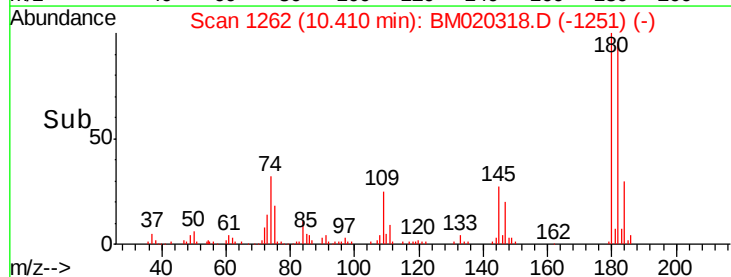
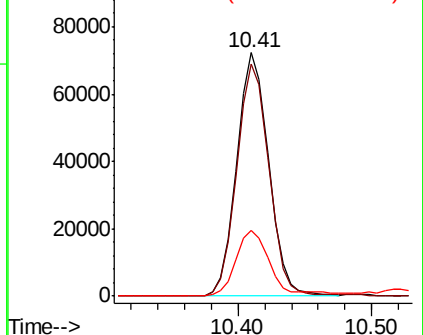


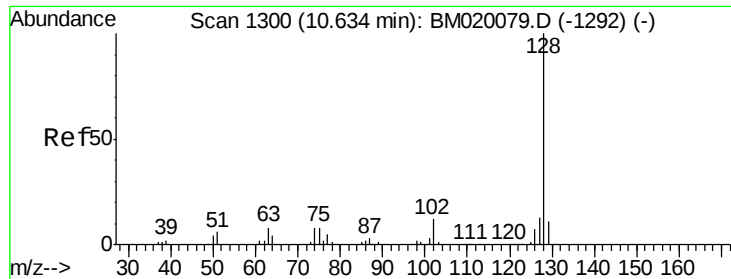
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

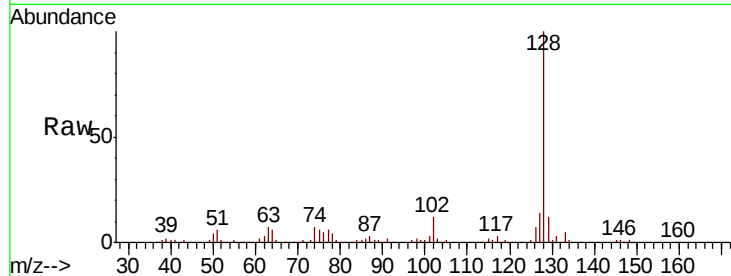




#31
Naphthalene
Concen: 41.850 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.8	10.4	15.6

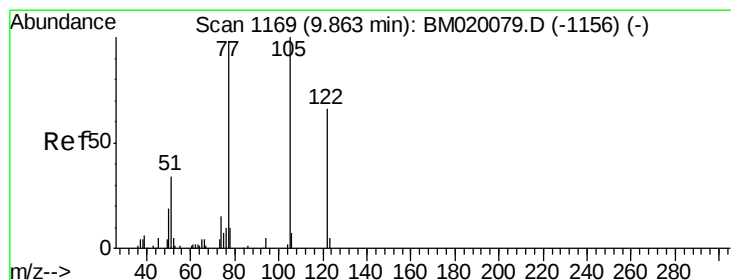
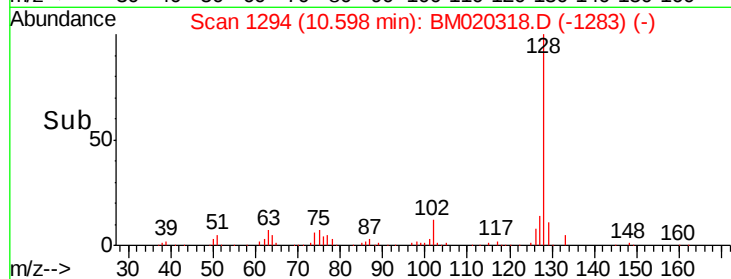
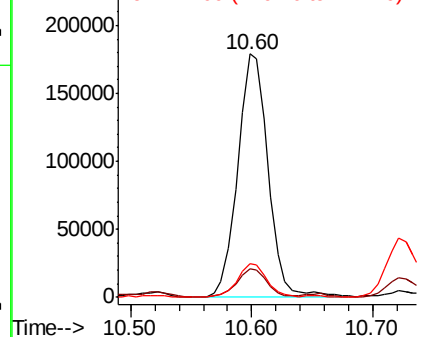


Abundance

Ion 128.00 (127.70 to 128.70): E

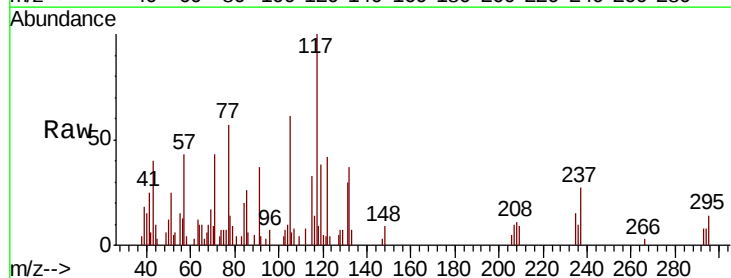
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 11.642 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.5	122.5	162.5
77	137.8	123.3	163.3

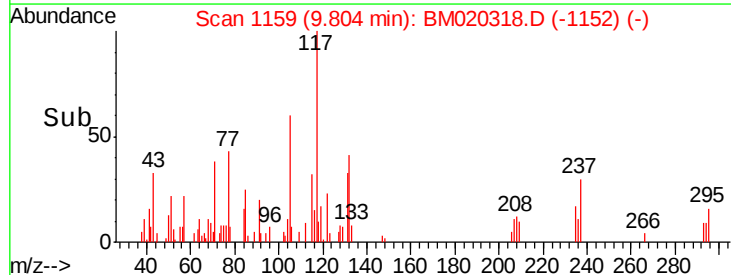
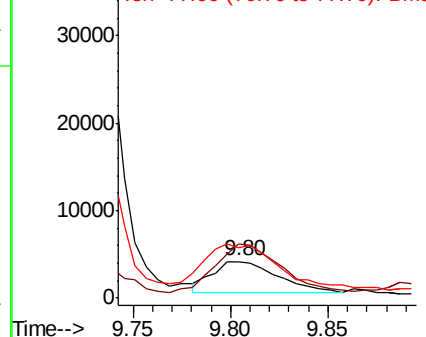


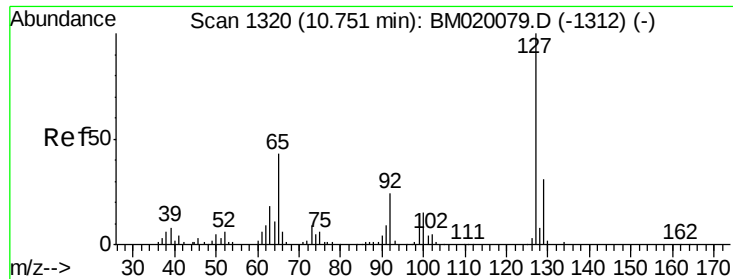
Abundance

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

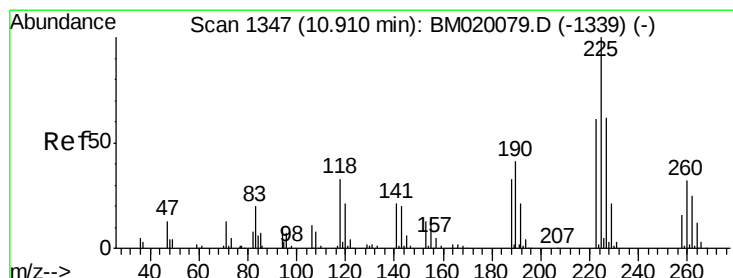
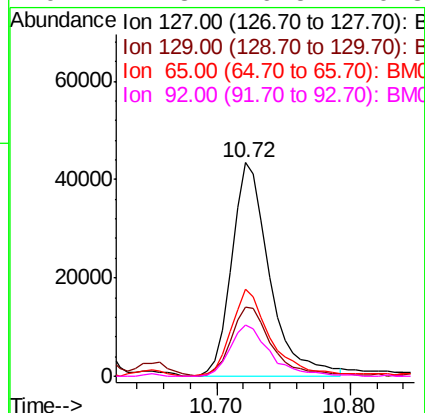
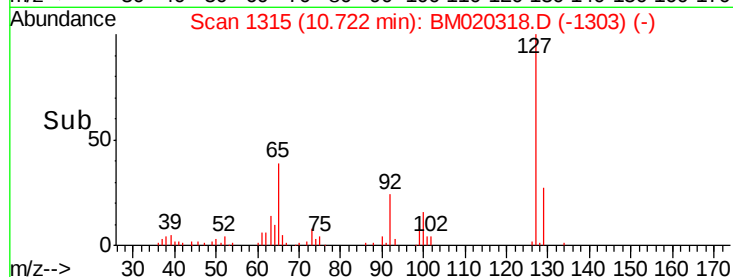
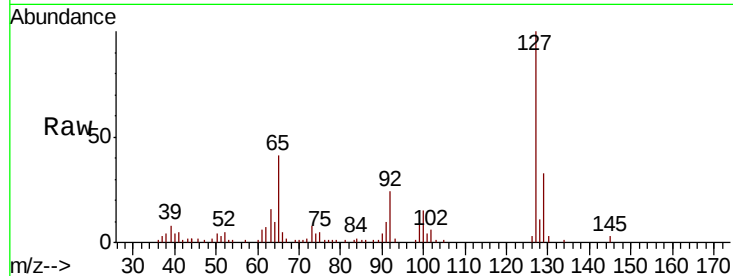




#33
4-Chloroaniline
Concen: 27.750 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

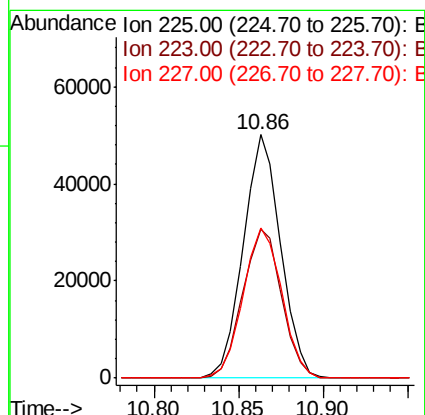
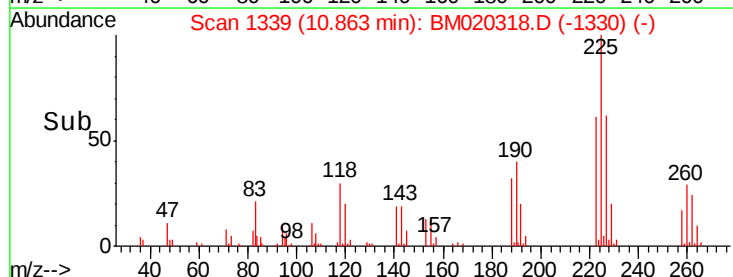
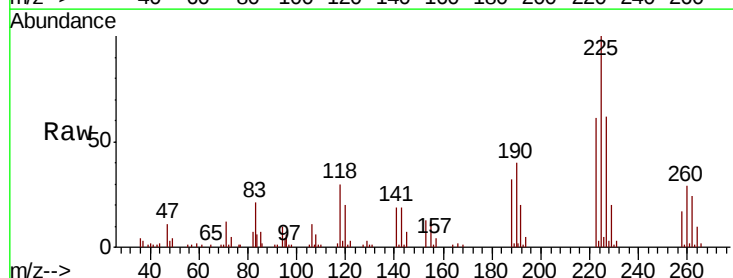
Instrument :
BNA_M
ClientSampleId :
12-B2MS

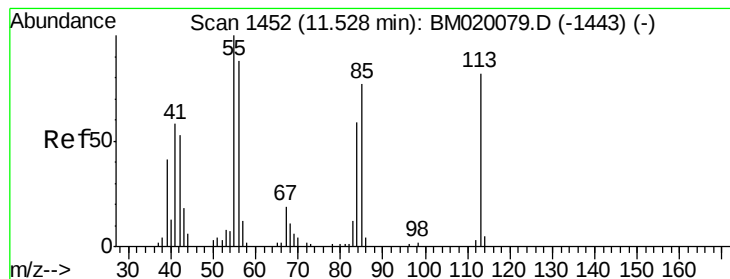
Tgt Ion:	127	Resp:	86113
Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.7	37.1
65	40.6	34.6	52.0
92	24.3	19.5	29.3



#34
Hexachlorobutadiene
Concen: 36.635 ng
RT: 10.86 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion:	225	Resp:	77115
Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.9	73.3
227	61.9	49.6	74.4





#35

Caprolactam

Concen: 36.814 ng

RT: 11.53 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

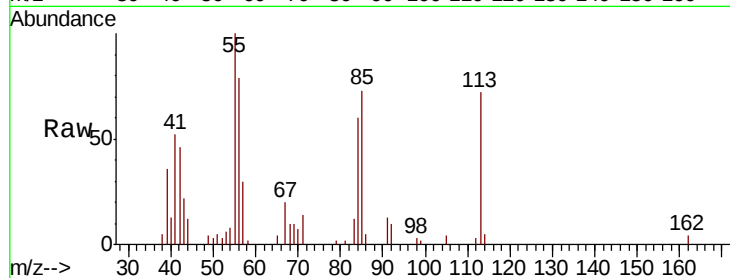
Tgt Ion:113 Resp: 26620

Ion Ratio Lower Upper

113 100

55 138.5 102.5 142.5

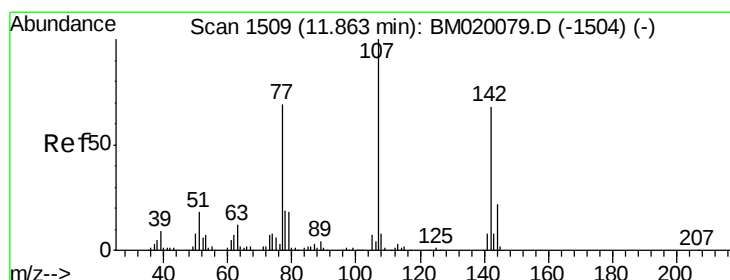
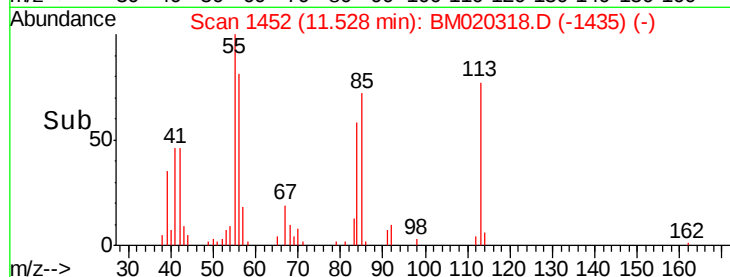
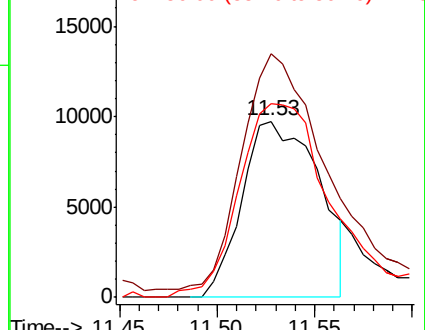
56 110.0 87.7 127.7



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: 38.557 ng

RT: 11.85 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

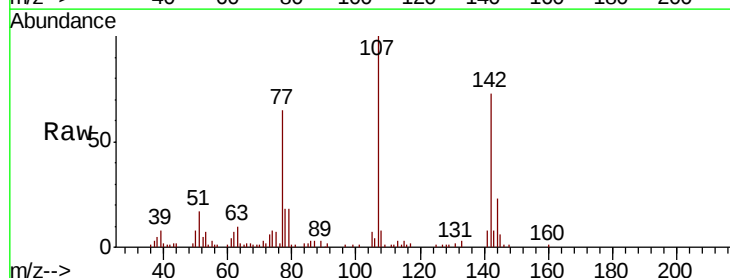
Tgt Ion:107 Resp: 109572

Ion Ratio Lower Upper

107 100

144 23.4 17.6 26.4

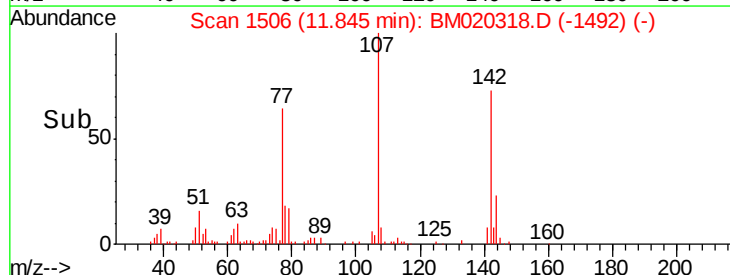
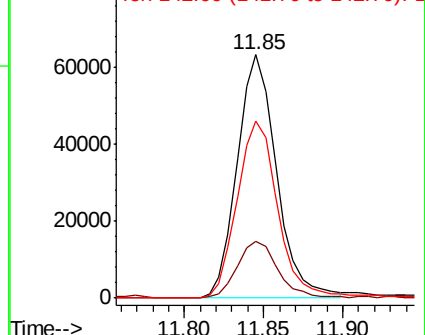
142 72.8 54.6 82.0

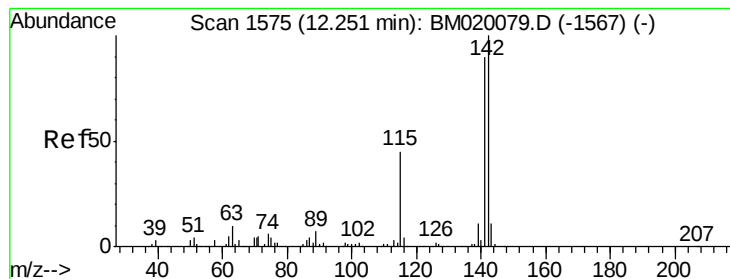


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 56.193 ng

RT: 12.22 min Scan# 1569

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

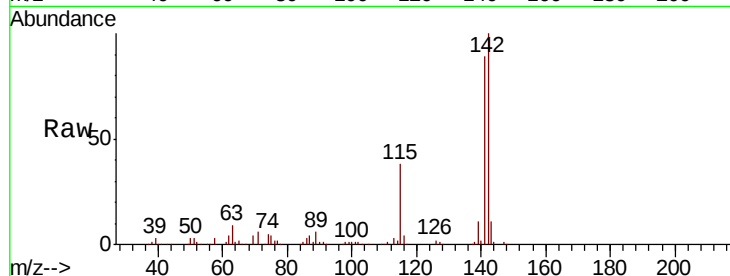
Tgt Ion:142 Resp: 308871

Ion Ratio Lower Upper

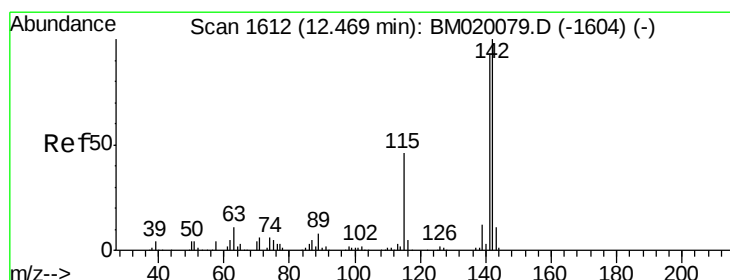
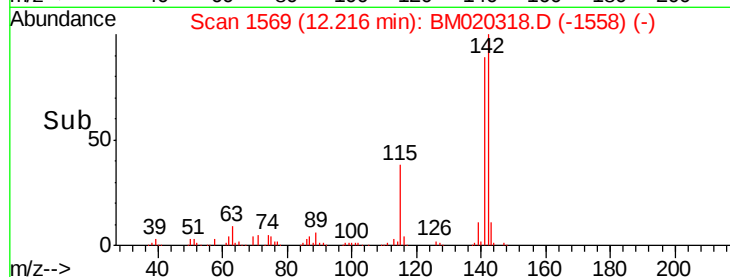
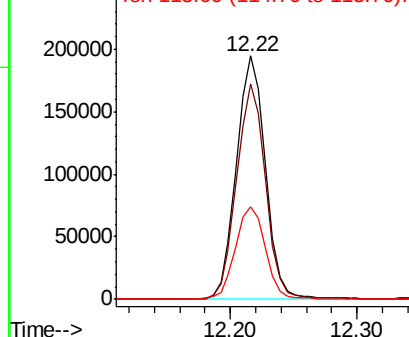
142 100

141 88.7 71.6 107.4

115 37.8 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: 47.464 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

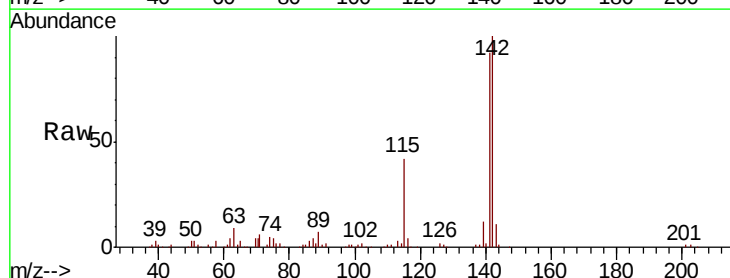
Tgt Ion:142 Resp: 255117

Ion Ratio Lower Upper

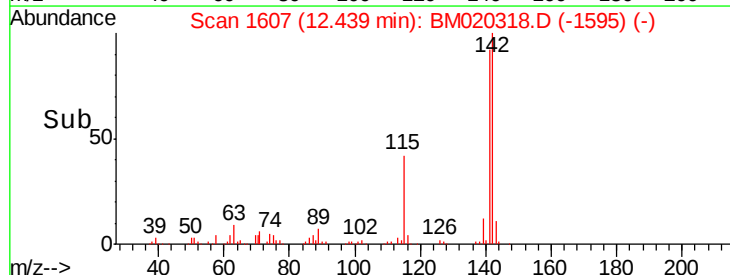
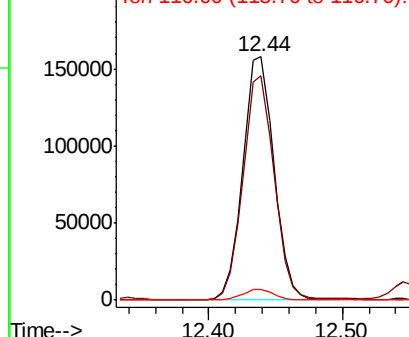
142 100

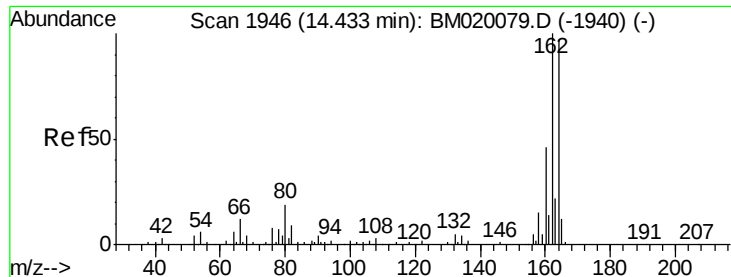
141 91.9 74.8 112.2

116 4.3 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: 14.40 min Scan# 1941

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

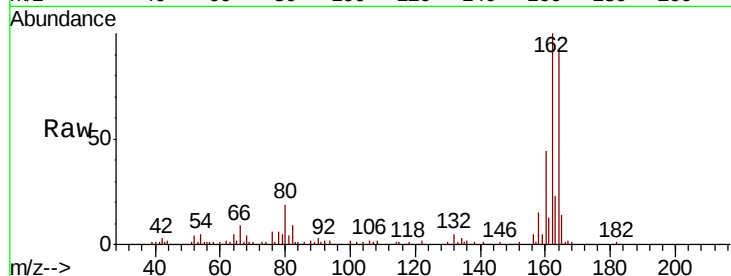
Tgt Ion:164 Resp: 88766

Ion Ratio Lower Upper

164 100

162 108.6 82.2 123.2

160 47.5 37.6 56.4

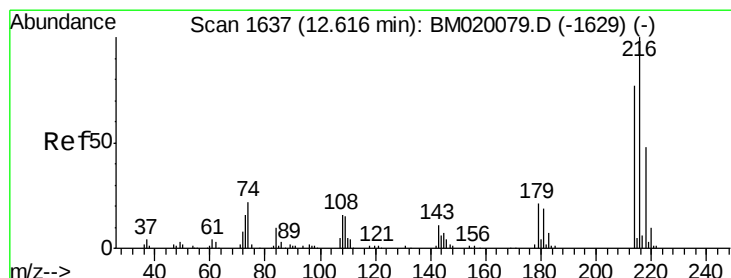
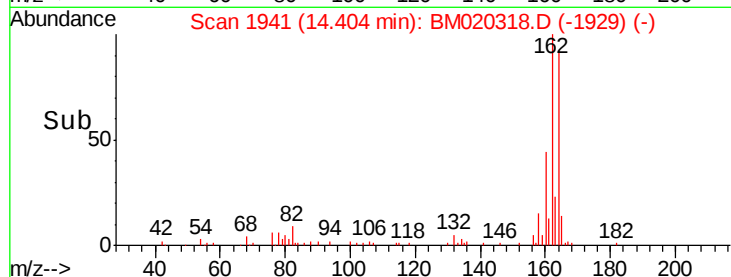
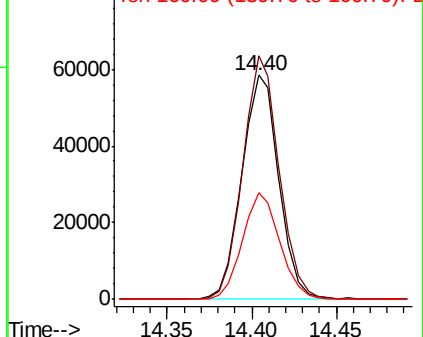


Abundance

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: 40.270 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tgt Ion:216 Resp: 139853

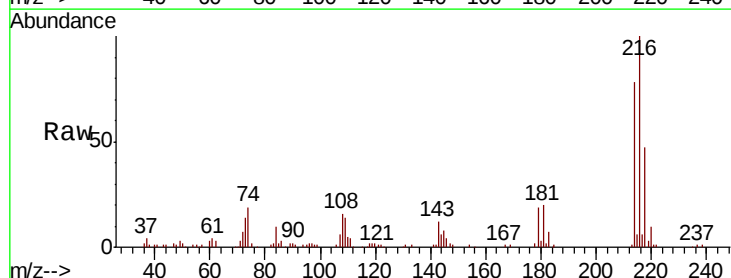
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.4 17.1 25.7

108 19.2 15.8 23.6



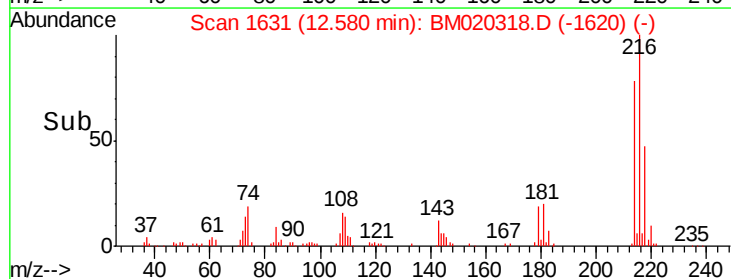
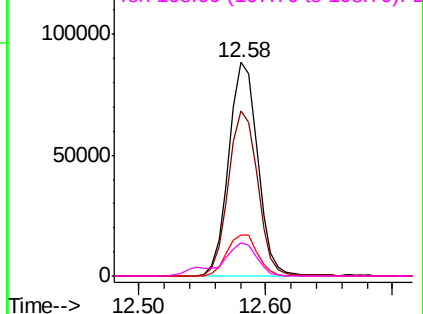
Abundance

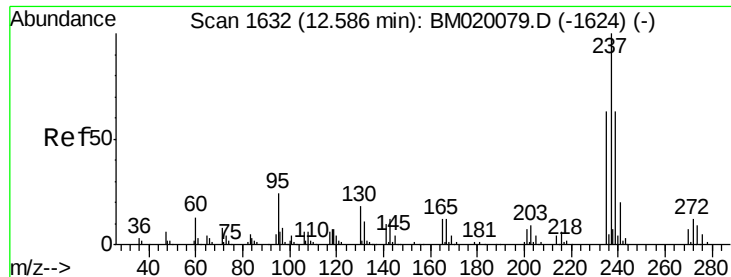
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 75.667 ng

RT: 12.55 min Scan# 1626

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

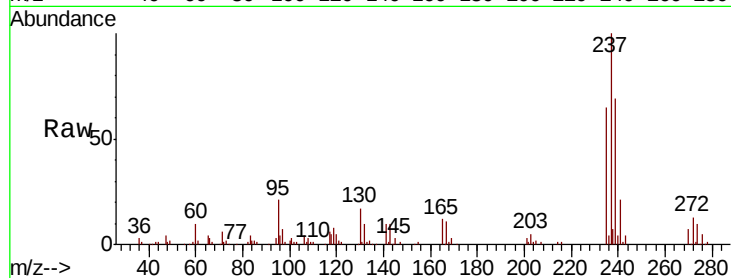
Tgt Ion: 237 Resp: 154726

Ion Ratio Lower Upper

237 100

235 65.4 43.4 83.4

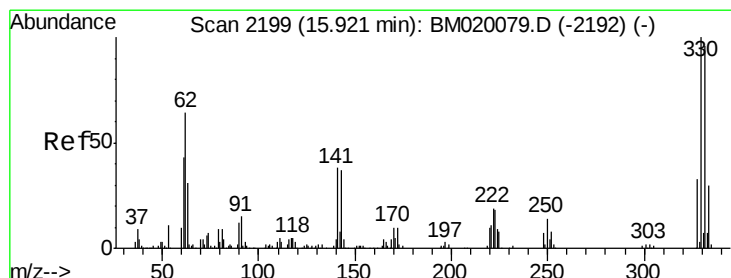
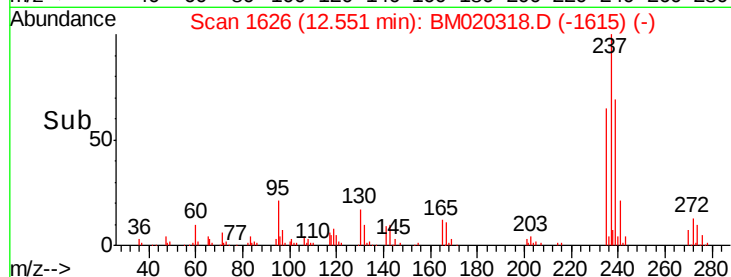
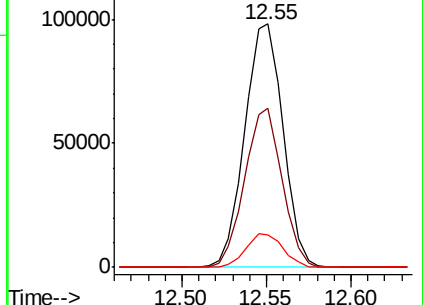
272 13.1 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 151.733 ng

RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

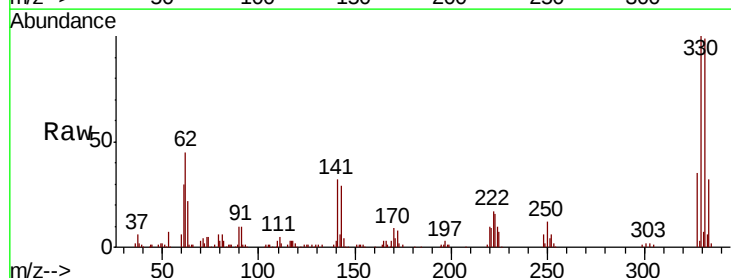
Tgt Ion: 330 Resp: 209060

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

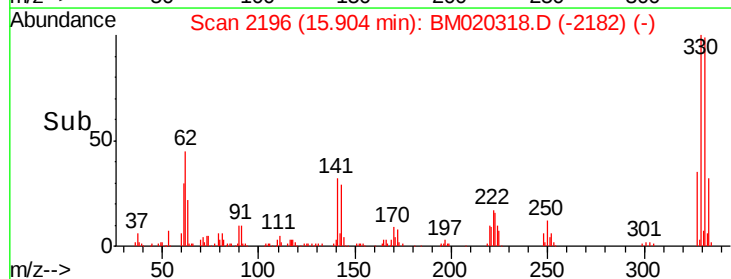
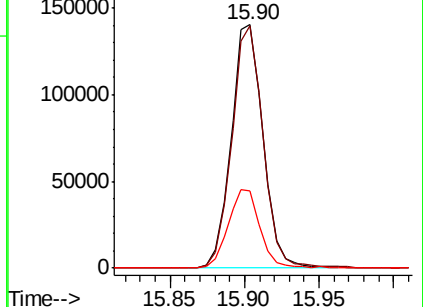
141 32.4 29.2 43.8



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

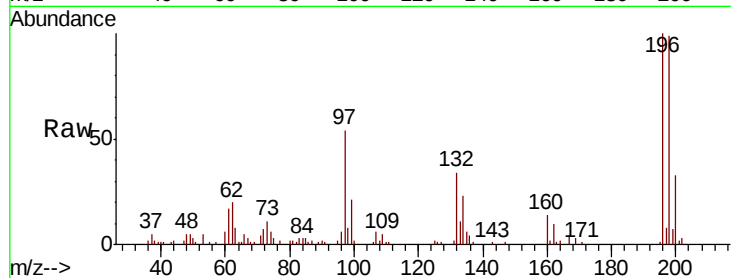




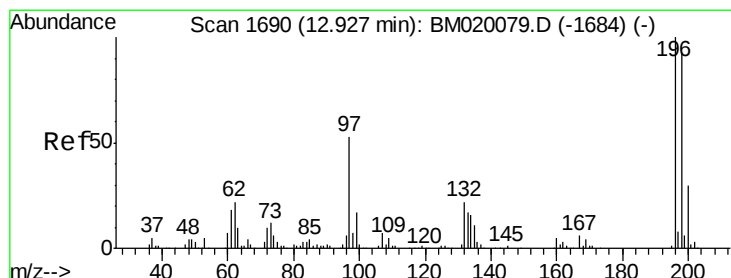
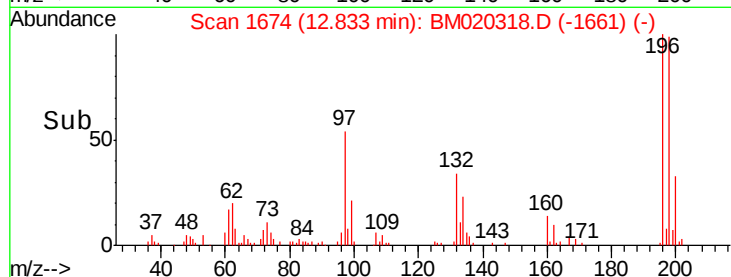
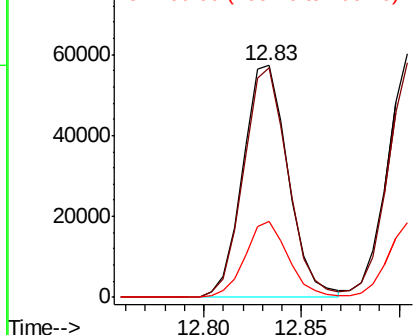
#43
 2,4,6-Trichlorophenol
 Concen: 46.655 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tgt Ion:196 Resp: 92083
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.2 114.2
 200 32.7 24.3 36.5

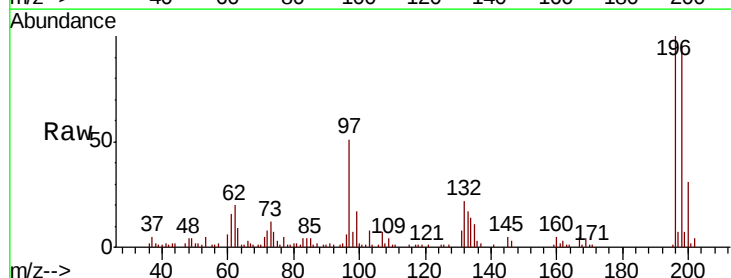


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

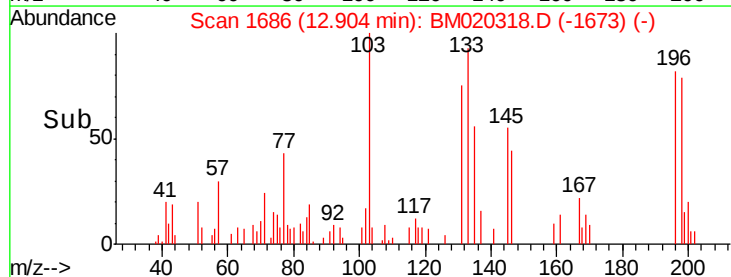
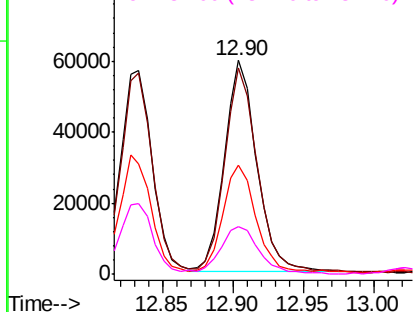


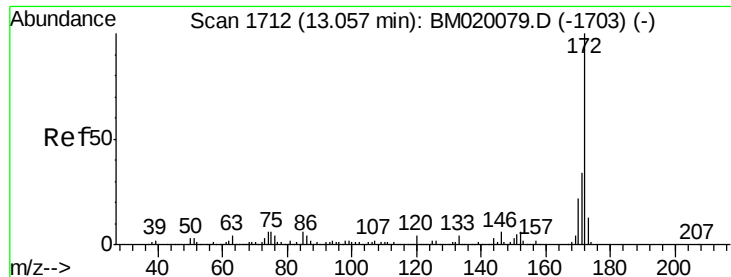
#44
 2,4,5-Trichlorophenol
 Concen: 42.699 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion:196 Resp: 94148
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.7 112.1
 97 51.1 42.2 63.4
 132 22.4 17.8 26.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

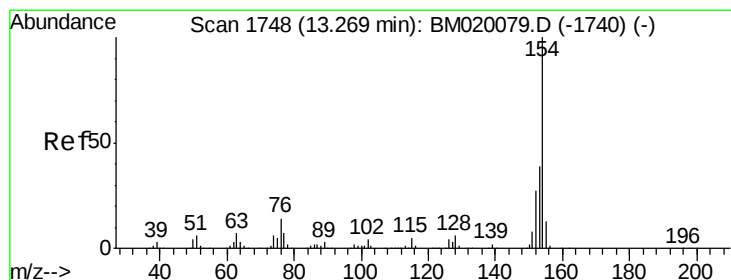
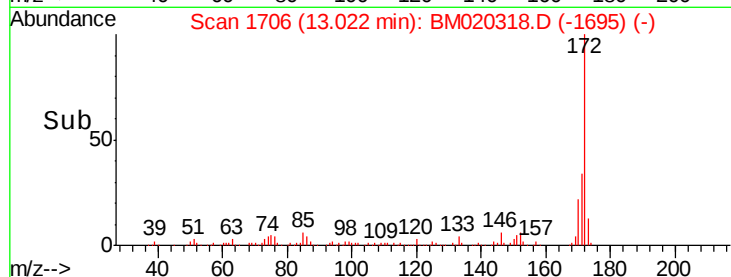
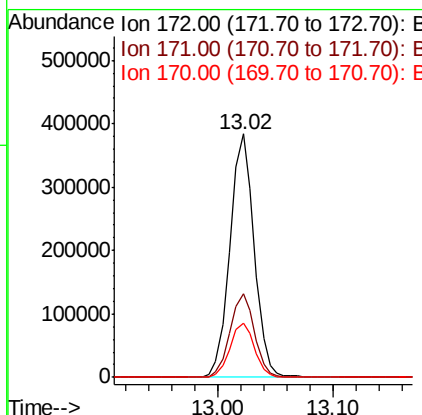
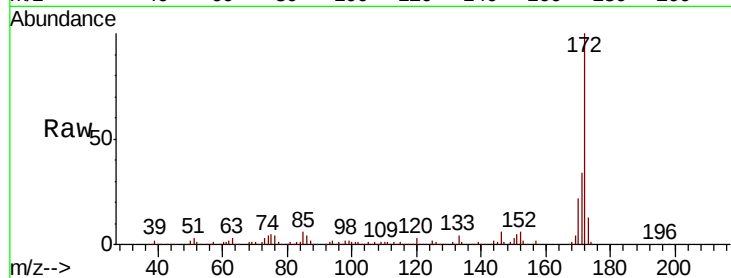




#45
 2-Fluorobiphenyl
 Concen: 77.371 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

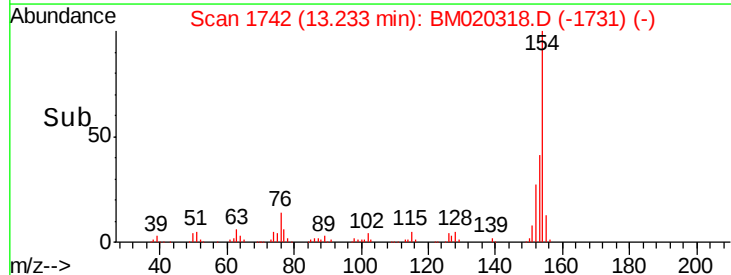
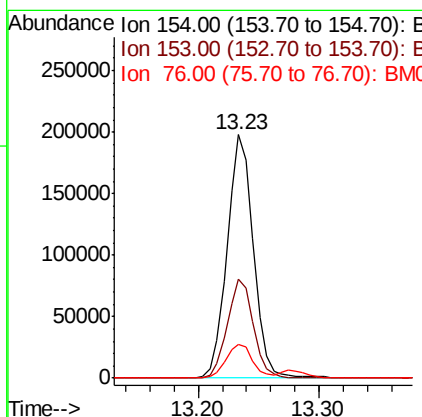
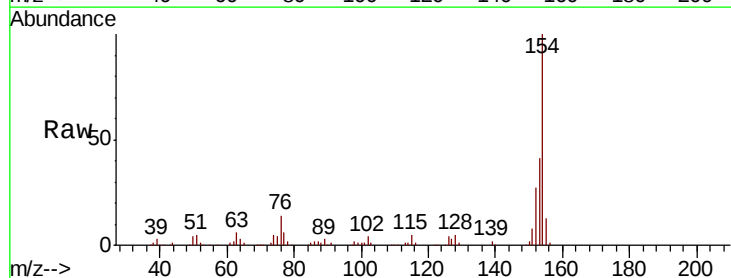
Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

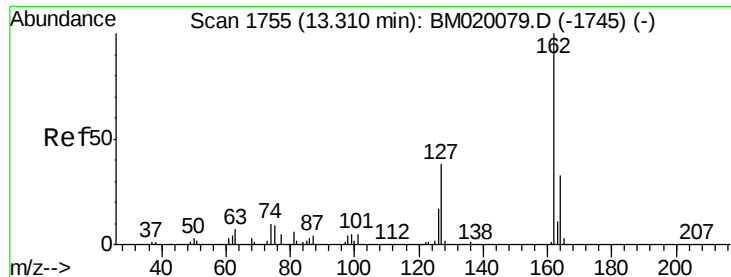
Tgt Ion:172 Resp: 558202
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.3 40.9
 170 22.4 17.9 26.9



#46
 1,1'-Biphenyl
 Concen: 40.811 ng
 RT: 13.23 min Scan# 1742
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion:154 Resp: 298179
 Ion Ratio Lower Upper
 154 100
 153 40.6 19.4 59.4
 76 13.8 0.0 34.5

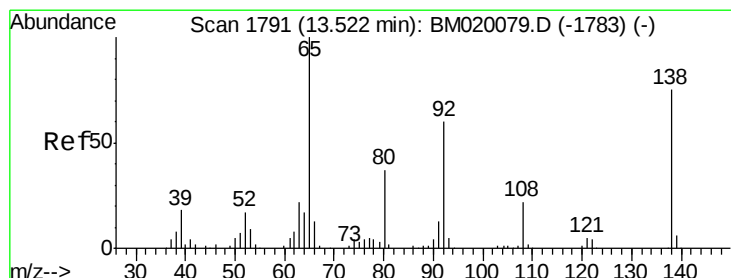
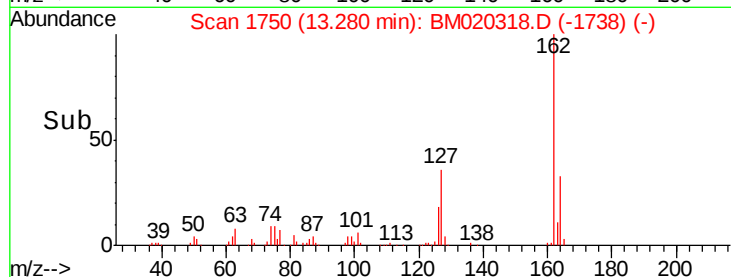
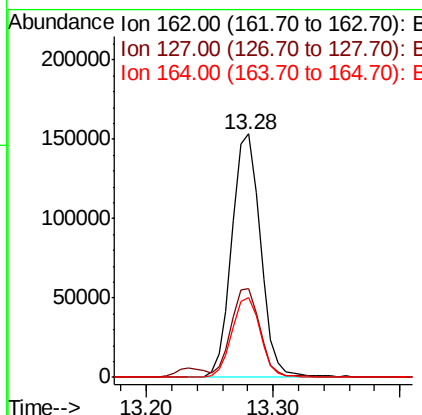
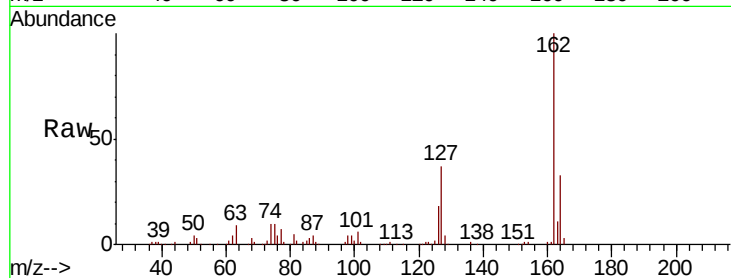




#47
 2-Chloronaphthalene
 Concen: 41.289 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

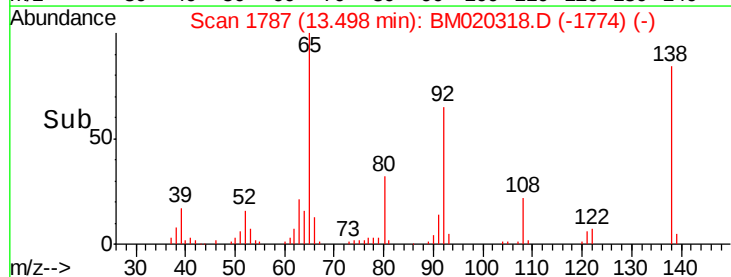
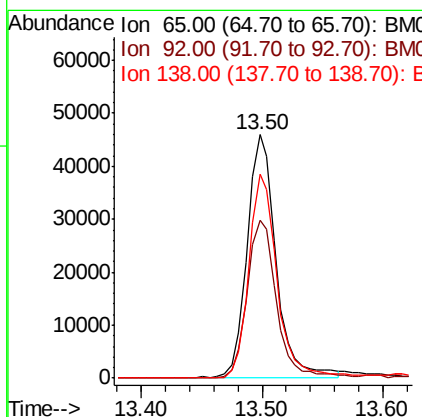
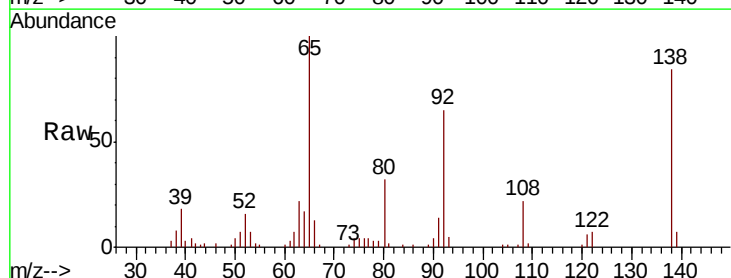
Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

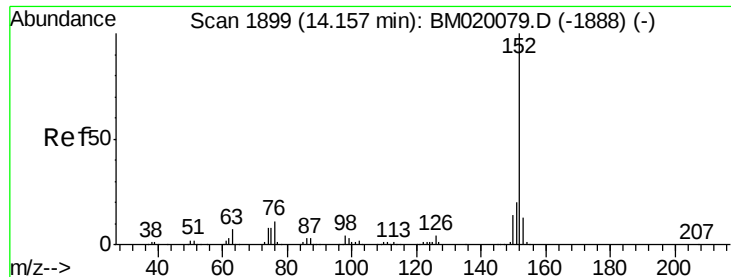
Tgt Ion:	162	Resp:	240857
Ion	Ratio	Lower	Upper
162	100		
127	36.5	31.0	46.4
164	32.6	26.2	39.2



#48
 2-Nitroaniline
 Concen: 37.225 ng
 RT: 13.50 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion:	65	Resp:	77310
Ion	Ratio	Lower	Upper
65	100		
92	64.7	48.2	72.4
138	83.6	60.3	90.5





#49

Acenaphthylene

Concen: 40.267 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

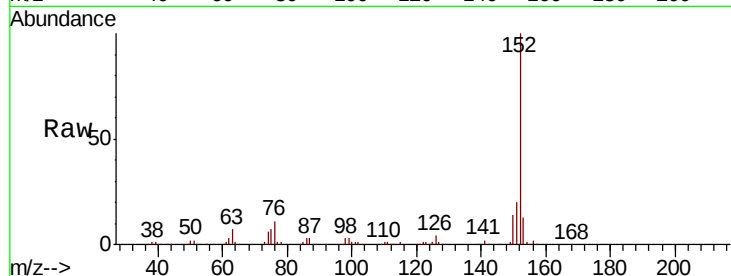
Tgt Ion:152 Resp: 375929

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

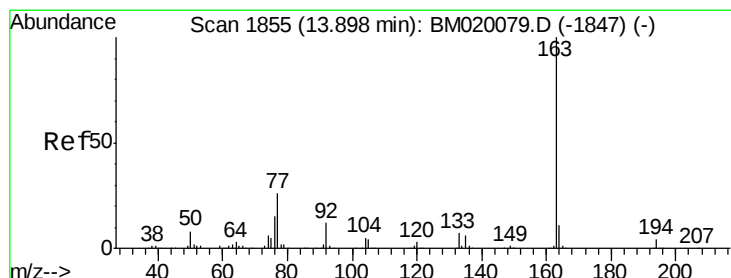
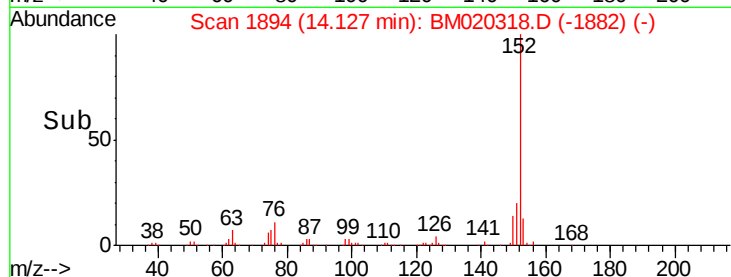
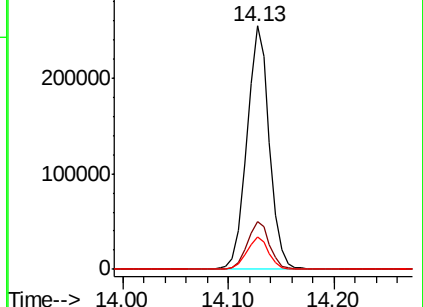
153 13.2 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.363 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

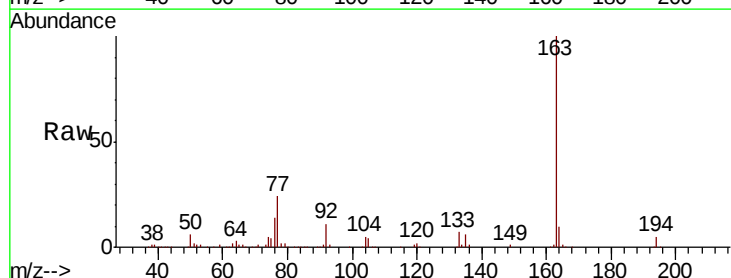
Tgt Ion:163 Resp: 402596

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

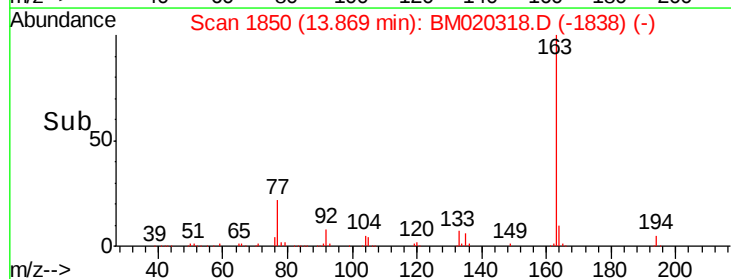
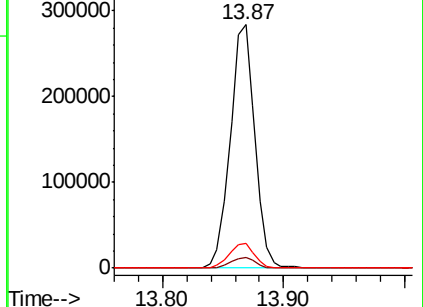
164 10.1 8.4 12.6

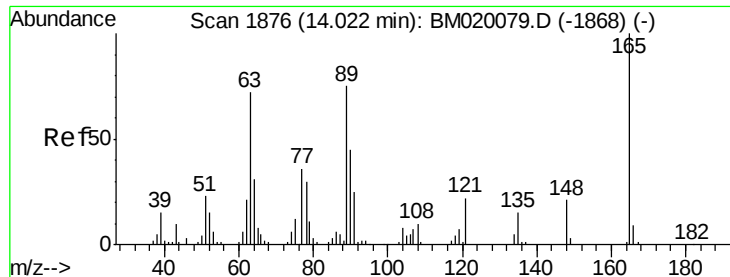


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

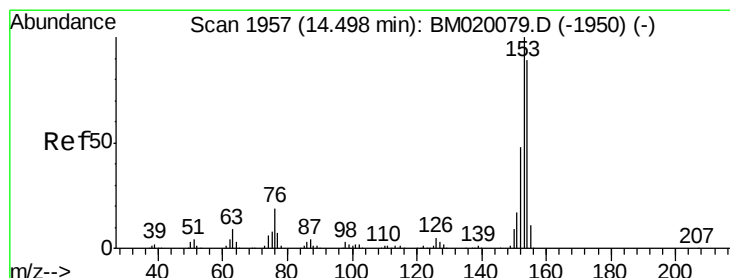
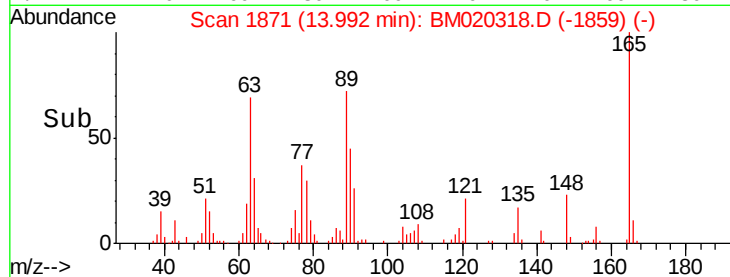
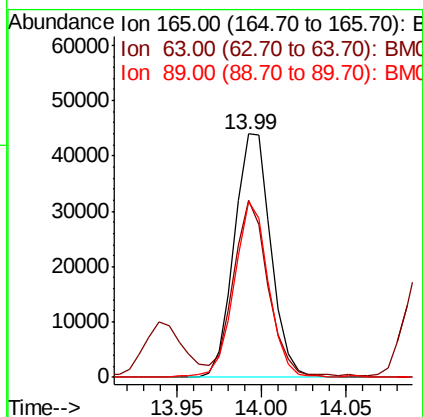
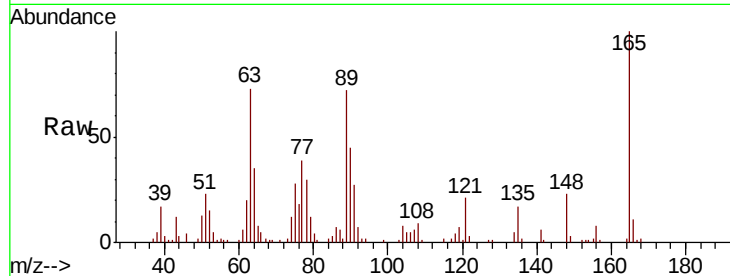




#51
 2,6-Dinitrotoluene
 Concen: 41.569 ng
 RT: 13.99 min Scan# 1871
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

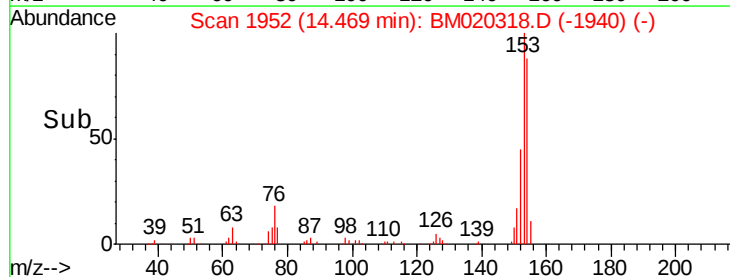
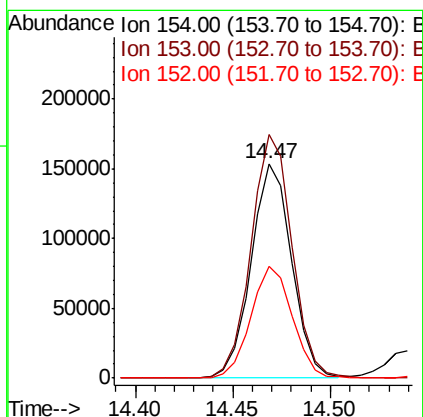
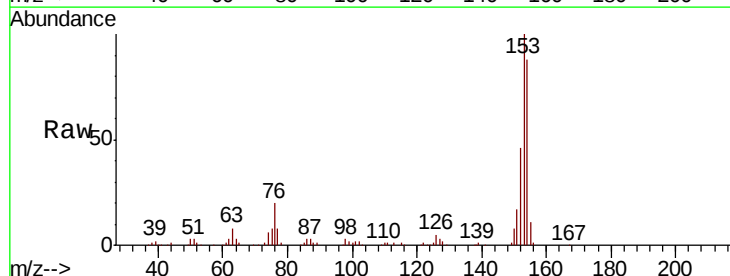
Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.9	60.3	90.5
89	72.1	59.8	89.6



#52
 Acenaphthene
 Concen: 41.127 ng
 RT: 14.47 min Scan# 1952
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.2	135.2
152	51.9	43.0	64.4





#53

3-Nitroaniline

Concen: 31.615 ng

RT: 14.33 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

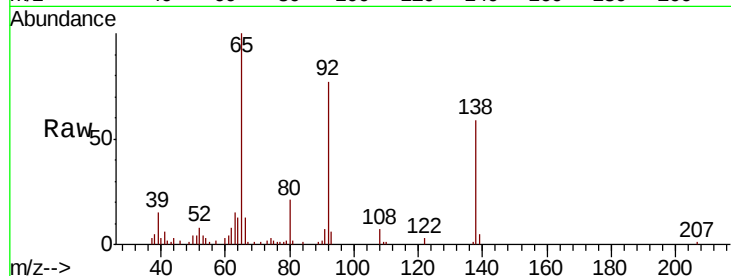
Tgt Ion:138 Resp: 46626

Ion Ratio Lower Upper

138 100

108 12.5 10.4 15.6

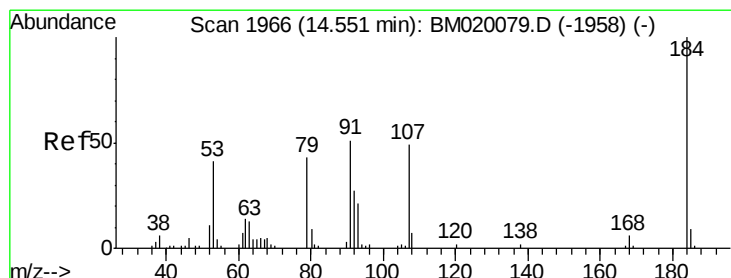
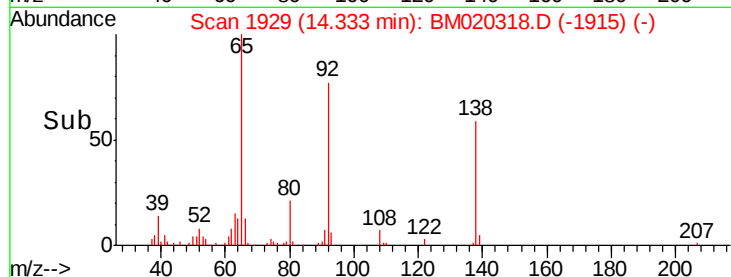
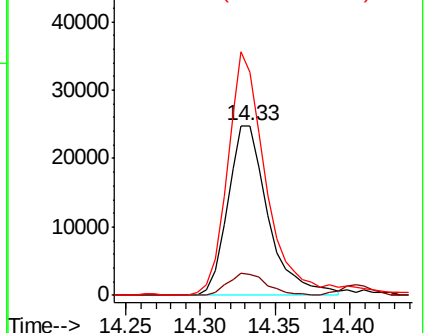
92 131.3 111.3 166.9



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): BM



#54

2,4-Dinitrophenol

Concen: 63.740 ng

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

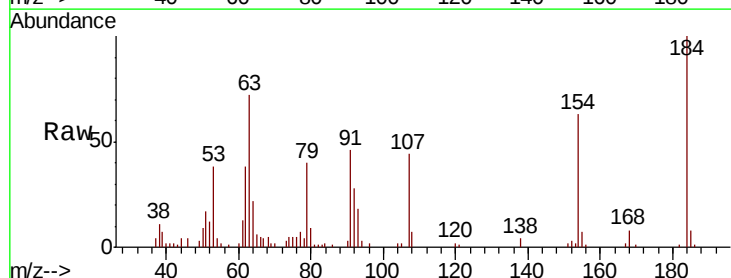
Tgt Ion:184 Resp: 49200

Ion Ratio Lower Upper

184 100

63 71.7 68.9 103.3

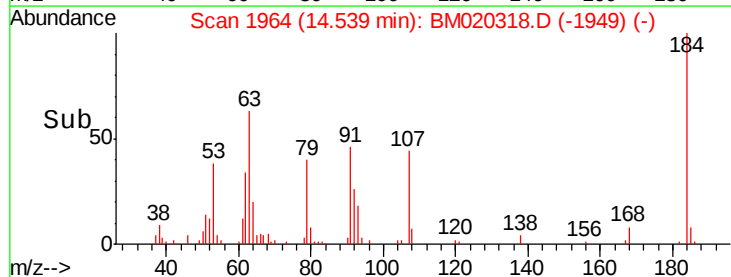
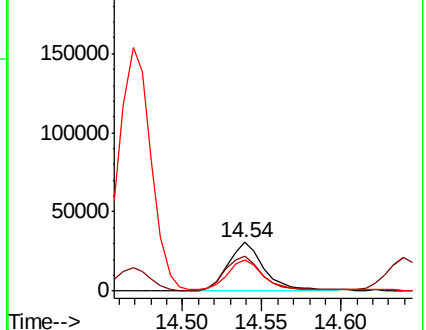
154 63.2 54.4 81.6



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: 41.699 ng

RT: 14.80 min Scan# 2009

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

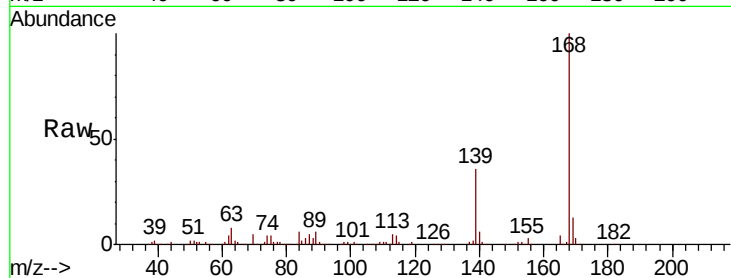
Tgt Ion:168 Resp: 376560

Ion Ratio Lower Upper

168 100

139 35.6 31.1 46.7

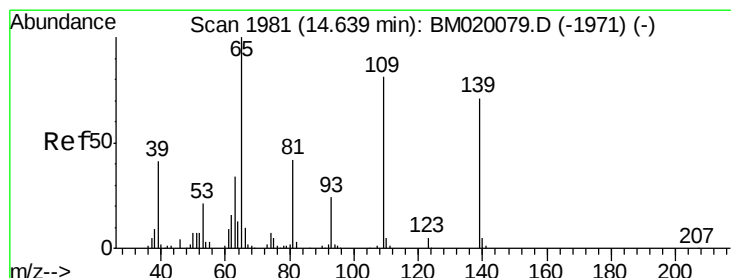
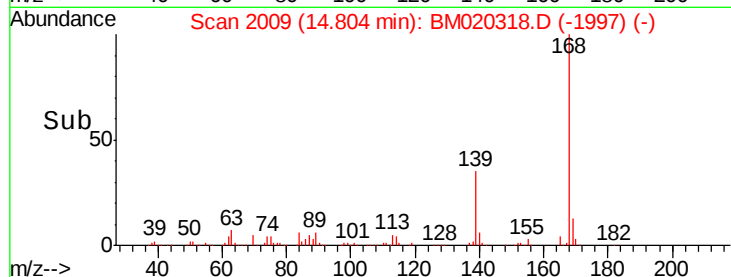
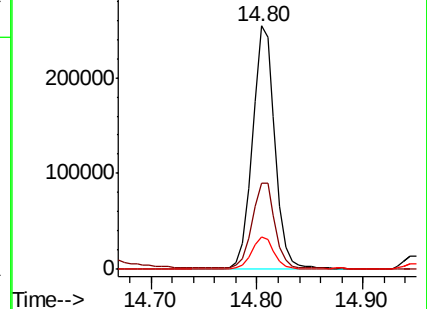
169 13.2 10.6 16.0



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: 76.000 ng

RT: 14.64 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

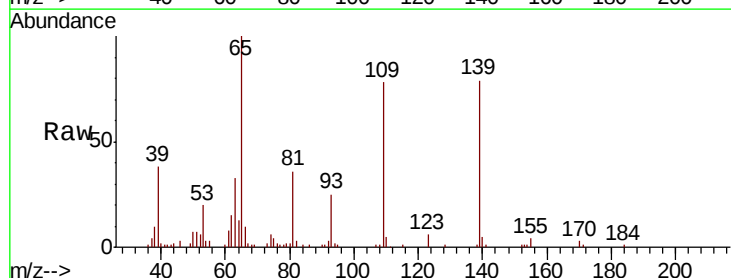
Tgt Ion:139 Resp: 95631

Ion Ratio Lower Upper

139 100

109 98.9 94.1 134.1

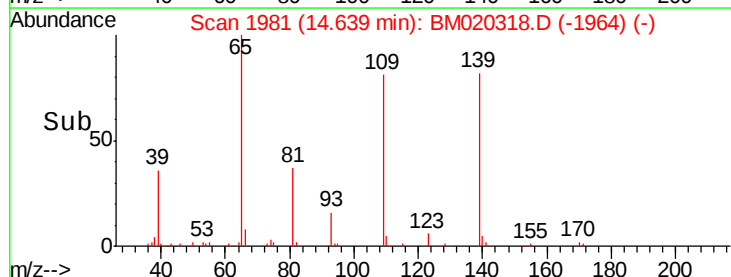
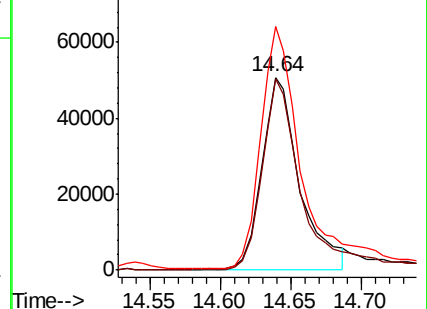
65 126.2 120.9 160.9

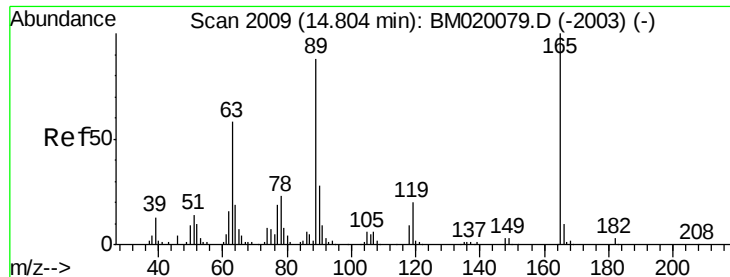


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

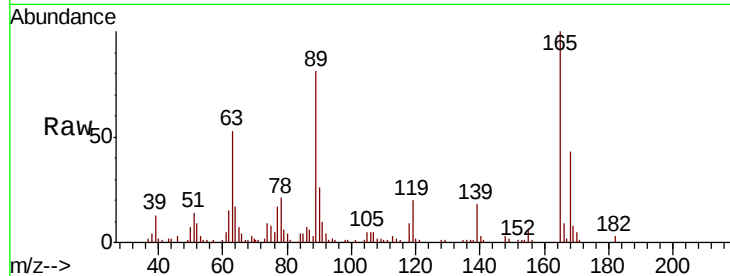




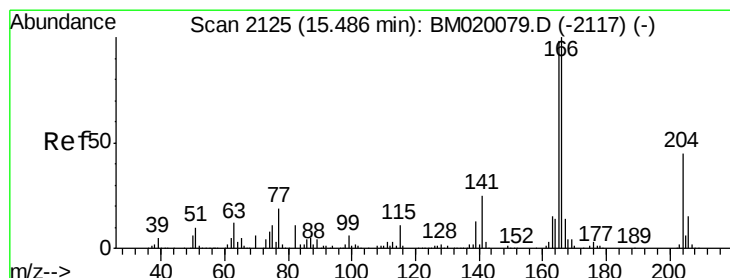
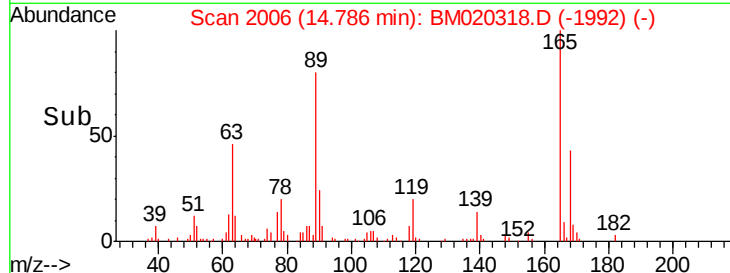
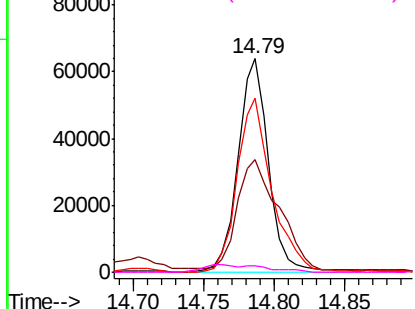
#57
2,4-Dinitrotoluene
Concen: 44.470 ng
RT: 14.79 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Instrument :
BNA_M
ClientSampleId :
12-B2MS

Tgt Ion:165 Resp: 96018
Ion Ratio Lower Upper
165 100
63 52.5 46.2 69.2
89 81.4 70.6 105.8
182 3.2 2.2 3.2

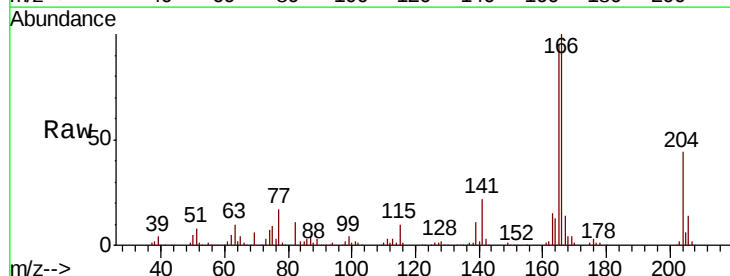


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

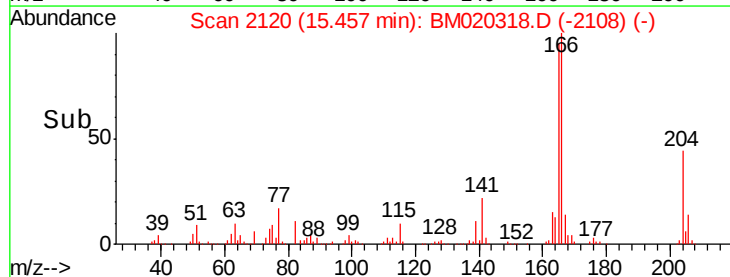
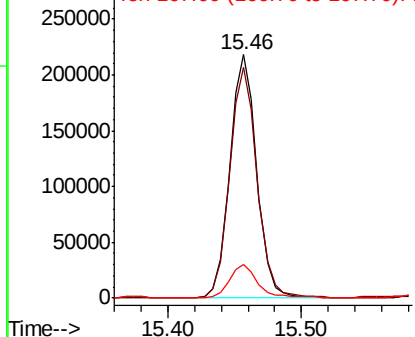


#58
Fluorene
Concen: 41.339 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.03 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion:166 Resp: 306592
Ion Ratio Lower Upper
166 100
165 94.8 78.2 117.2
167 14.1 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

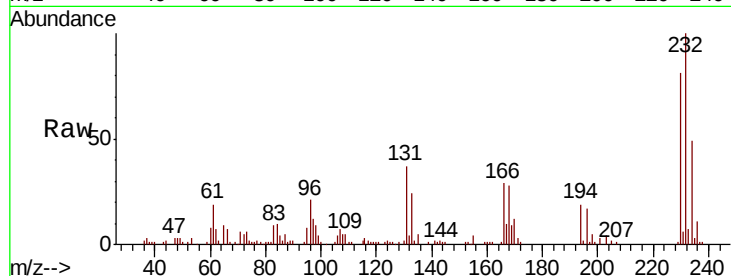




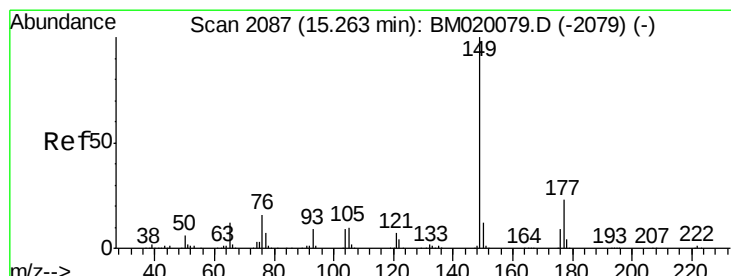
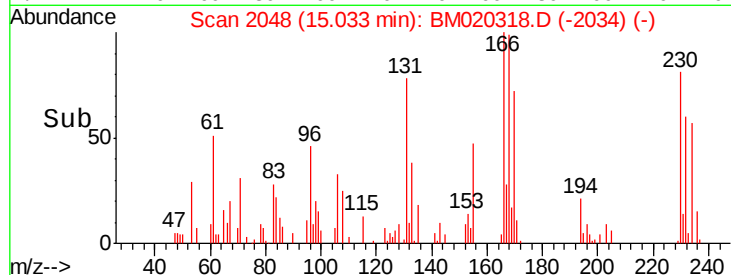
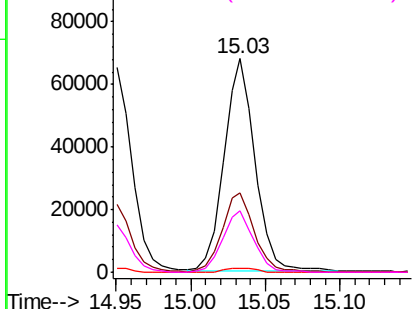
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.536 ng
 RT: 15.03 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tgt Ion:	232	Resp:	97509
Ion	Ratio	Lower	Upper
232	100		
131	39.5	34.2	51.4
130	2.0	2.0	3.0
166	29.4	23.8	35.8

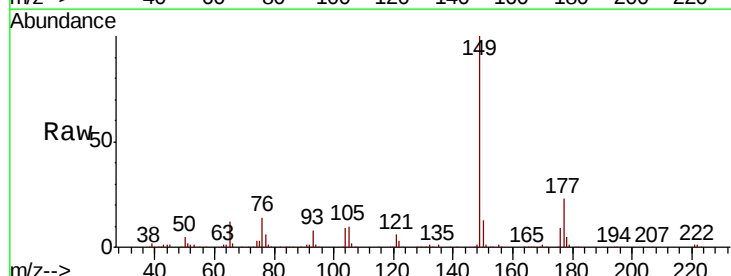


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

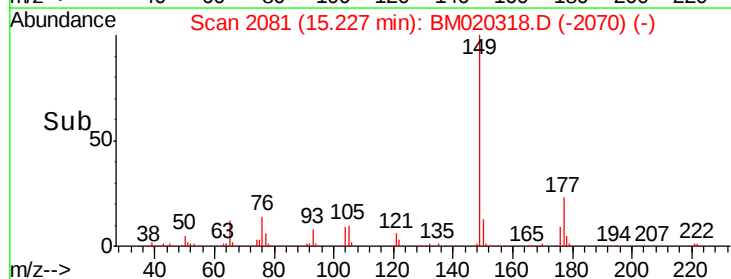
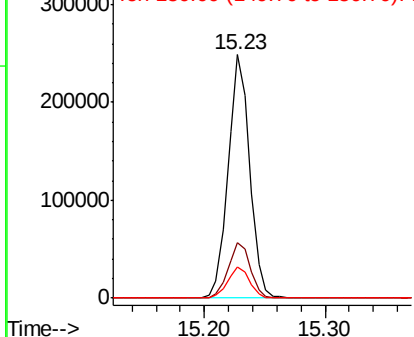


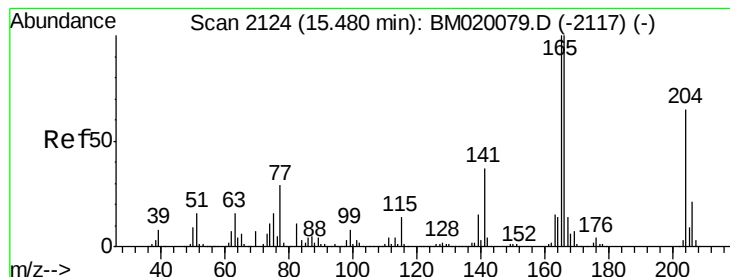
#60
 Diethylphthalate
 Concen: 40.583 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.04 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion:	149	Resp:	308466
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.4
150	12.9	9.9	14.9



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





#61

4-Chlorophenyl-phenylether

Concen: 40.459 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

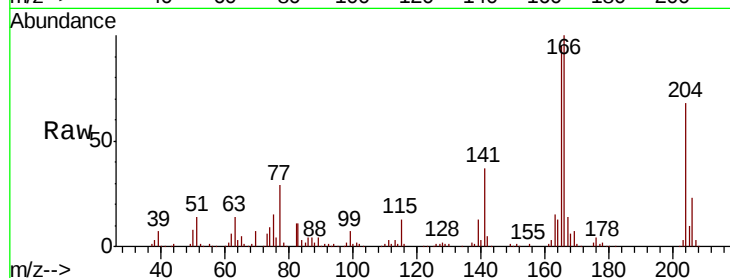
Tgt Ion:204 Resp: 170015

Ion Ratio Lower Upper

204 100

206 33.0 25.6 38.4

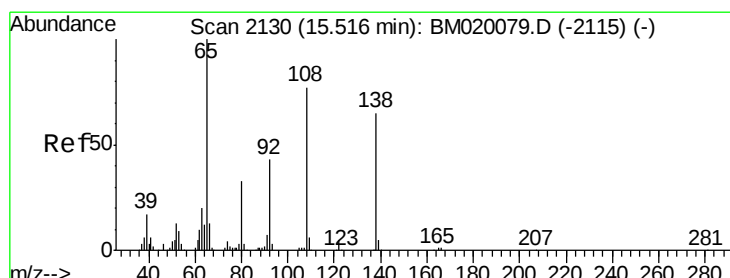
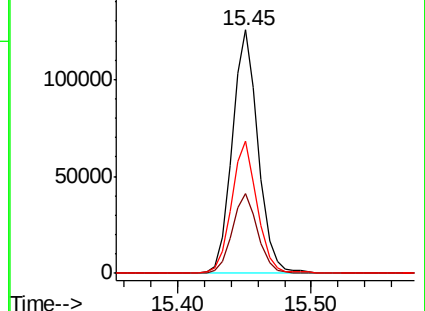
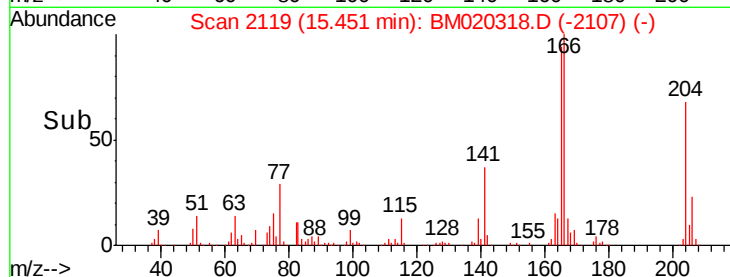
141 54.5 46.1 69.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 32.211 ng

RT: 15.50 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

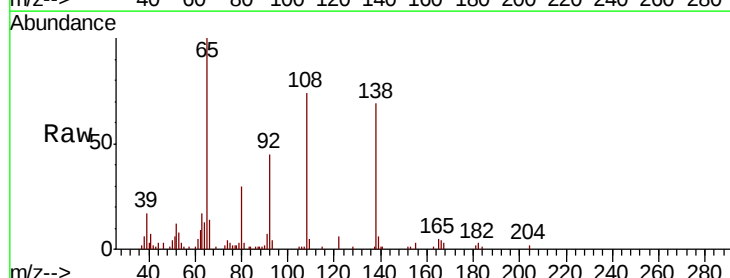
Tgt Ion:138 Resp: 52426

Ion Ratio Lower Upper

138 100

92 65.7 45.9 85.9

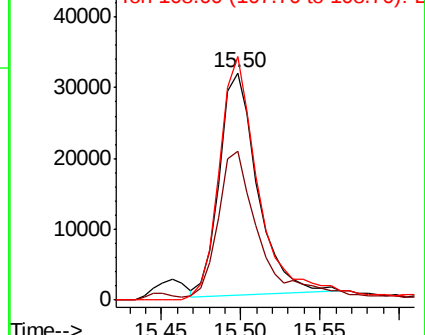
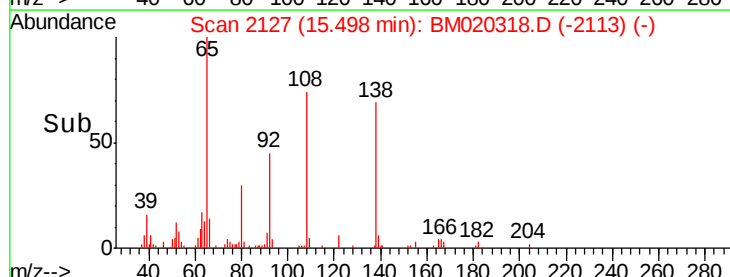
108 107.2 97.7 137.7

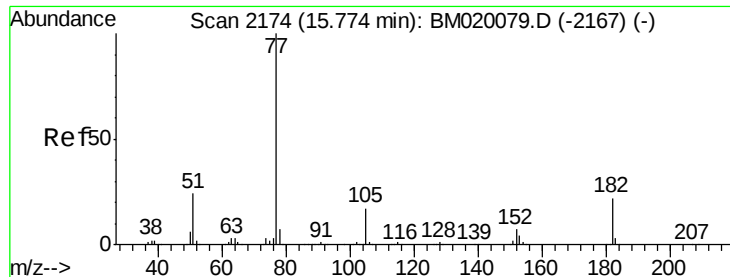


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.610 ng

RT: 15.74 min Scan# 2169

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

Tgt Ion: 77 Resp: 328278

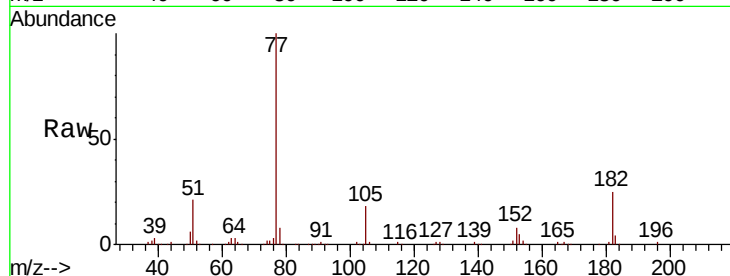
Ion Ratio Lower Upper

77 100

182 25.4 2.1 42.1

105 17.9 0.0 36.8

51 21.4 3.8 43.8

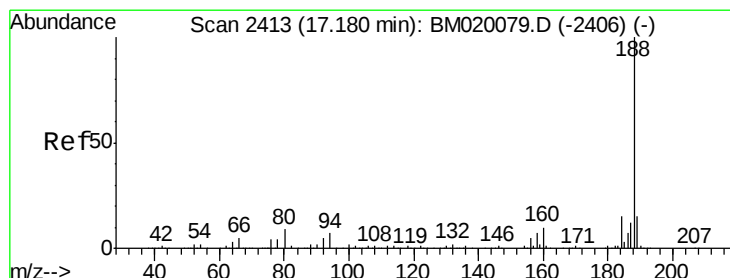
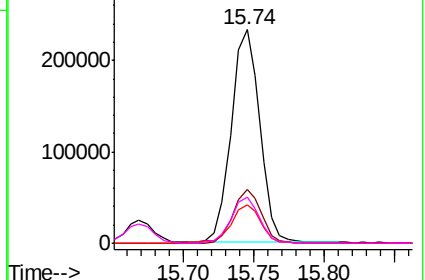
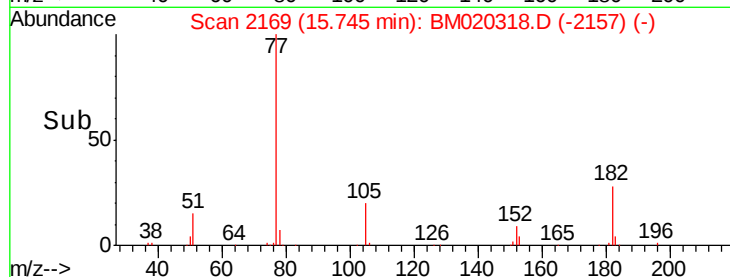


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

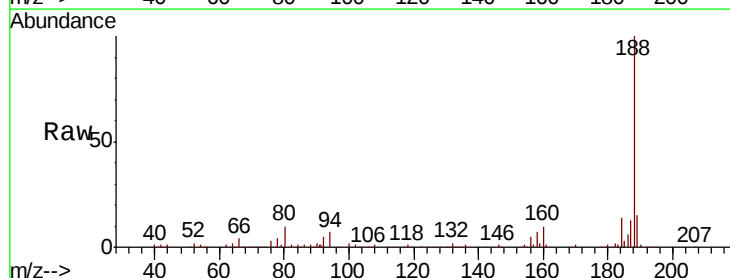
Tgt Ion: 188 Resp: 225833

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

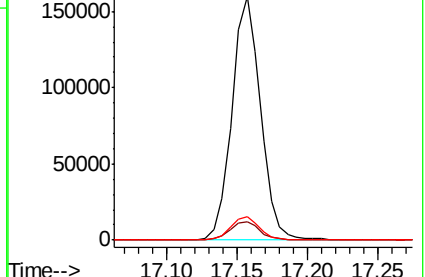
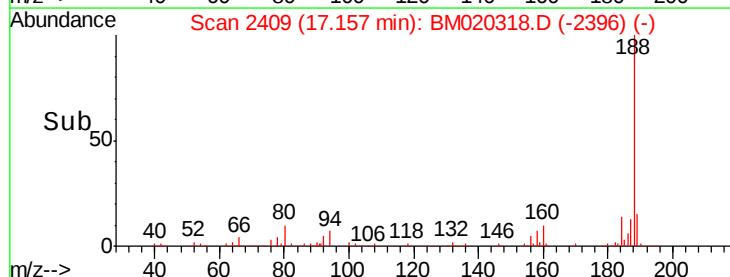
80 9.8 7.4 11.2

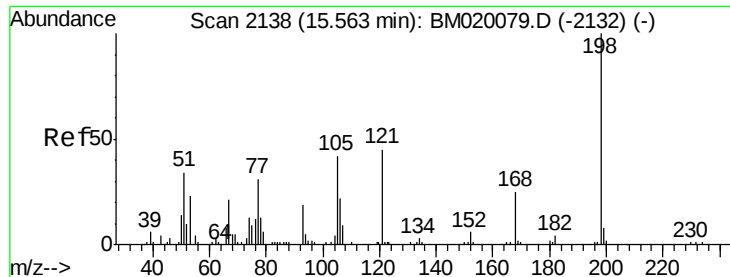


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

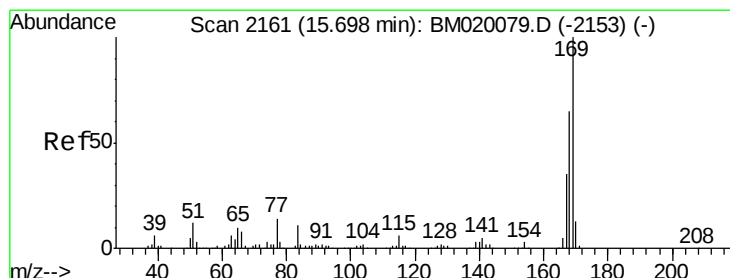
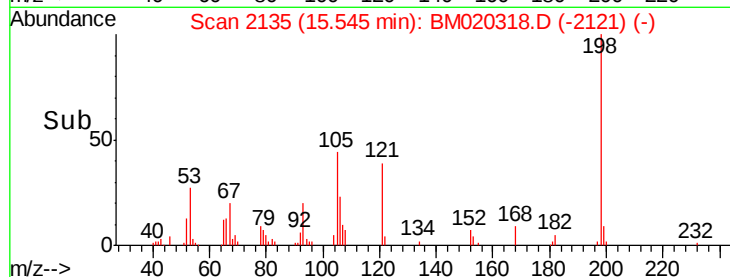
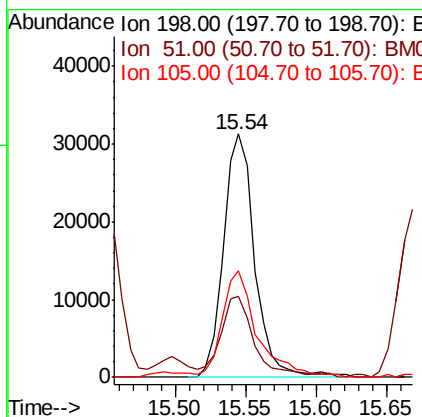
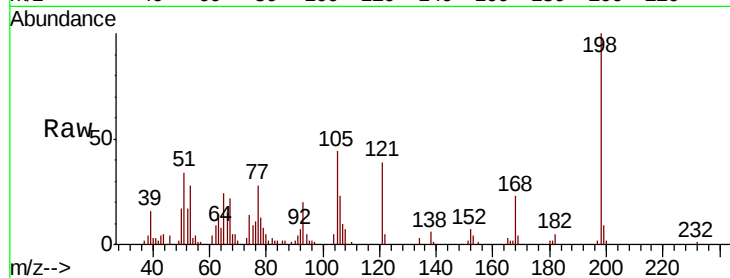




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.050 ng
 RT: 15.54 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

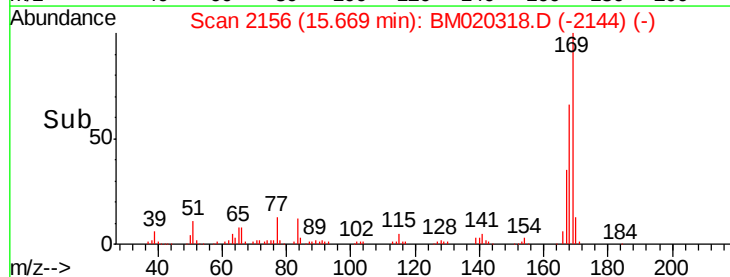
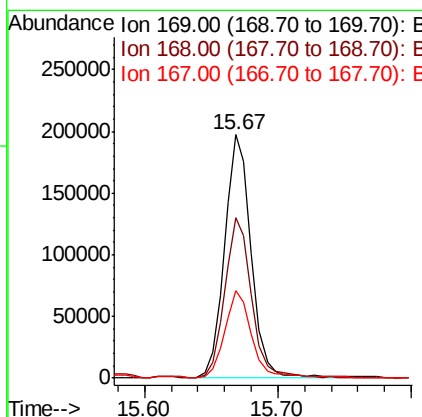
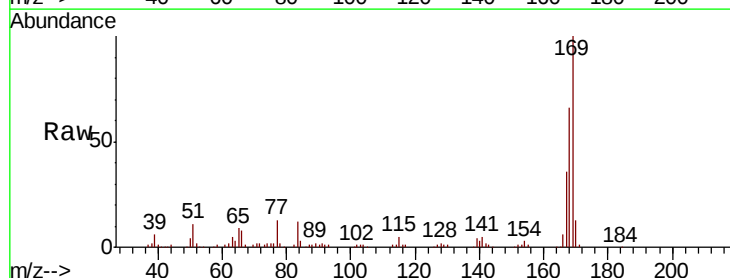
Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.5	16.5	56.5
105	44.0	22.8	62.8



#66
 n-Nitrosodiphenylamine
 Concen: 40.856 ng
 RT: 15.67 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	51.9	77.9
167	35.8	27.8	41.6

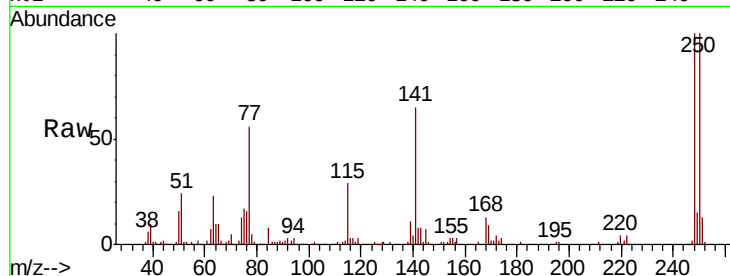




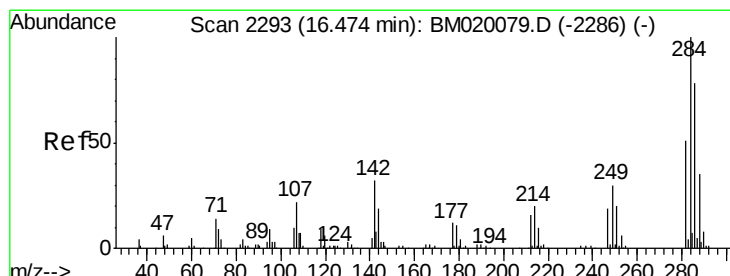
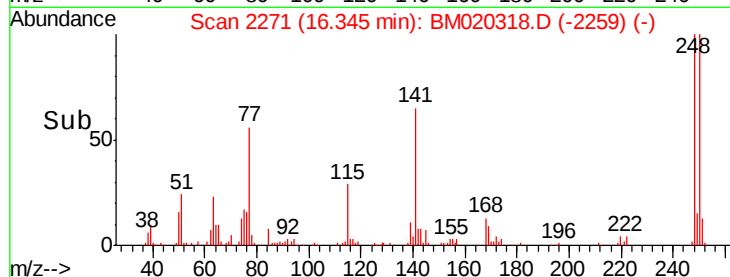
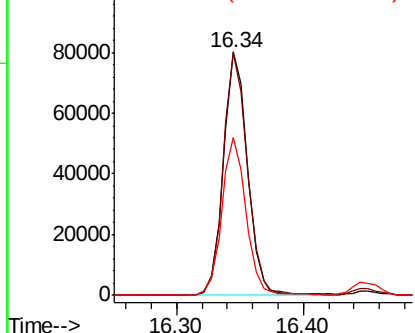
#67
 4-Bromophenyl-phenylether
 Concen: 38.185 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Instrument :
 BNA_M
 ClientSampled :
 12-B2MS

Tgt Ion:248 Resp: 105747
 Ion Ratio Lower Upper
 248 100
 250 99.8 78.4 117.6
 141 64.9 57.4 86.2

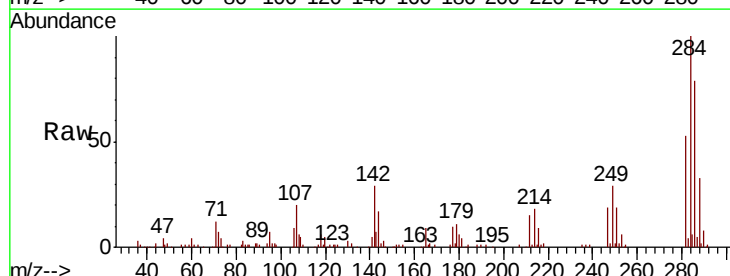


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

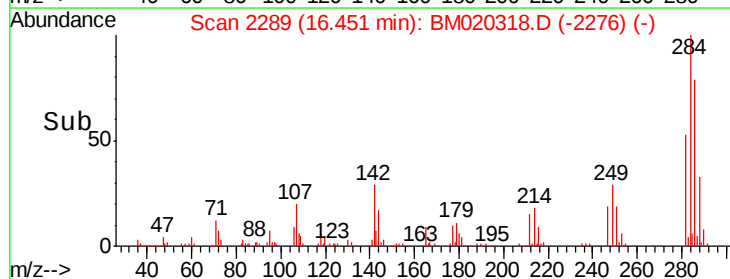
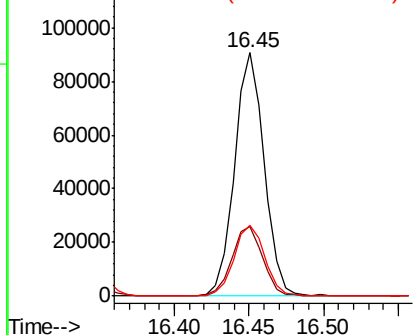


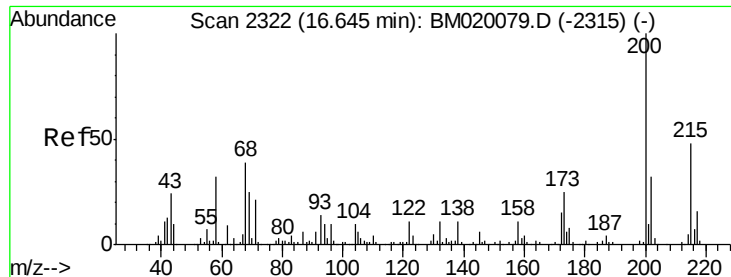
#68
 Hexachlorobenzene
 Concen: 39.442 ng
 RT: 16.45 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion:284 Resp: 125693
 Ion Ratio Lower Upper
 284 100
 142 28.8 25.2 37.8
 249 29.3 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: 39.954 ng

RT: 16.62 min Scan# 2318

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

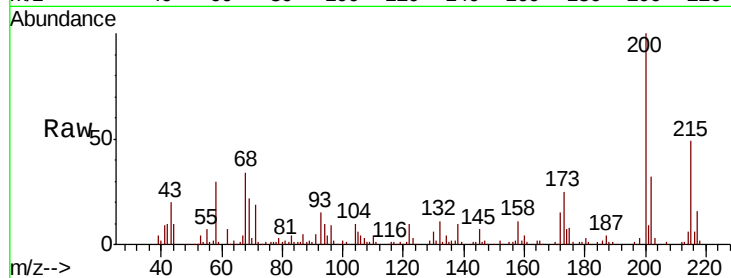
Tgt Ion:200 Resp: 103757

Ion Ratio Lower Upper

200 100

173 24.9 4.6 44.6

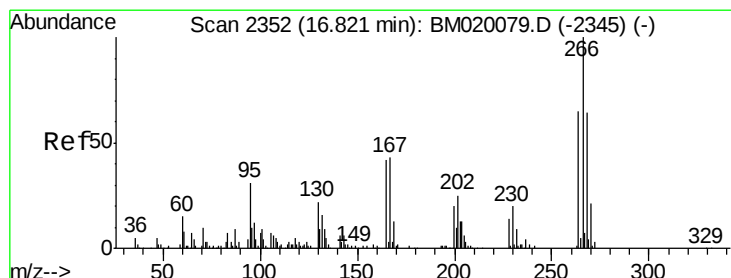
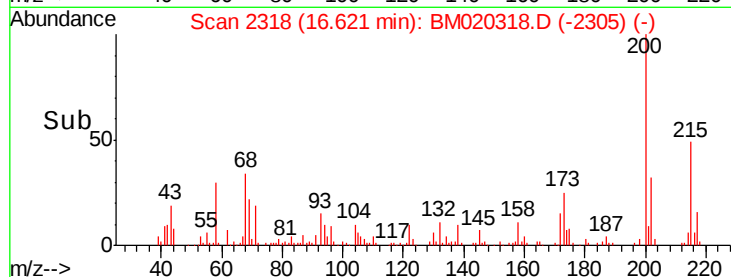
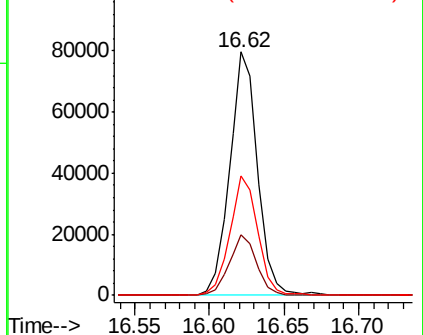
215 49.0 28.0 68.0



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: 88.054 ng

RT: 16.80 min Scan# 2349

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

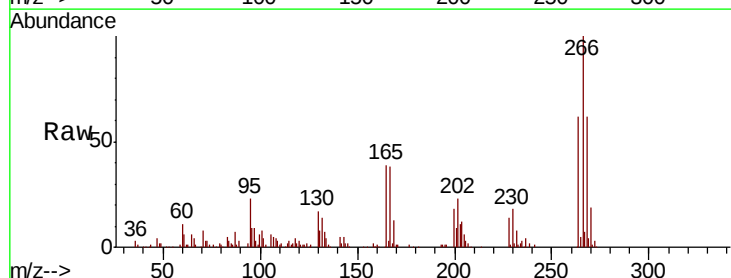
Tgt Ion:266 Resp: 160552

Ion Ratio Lower Upper

266 100

268 62.4 51.4 77.0

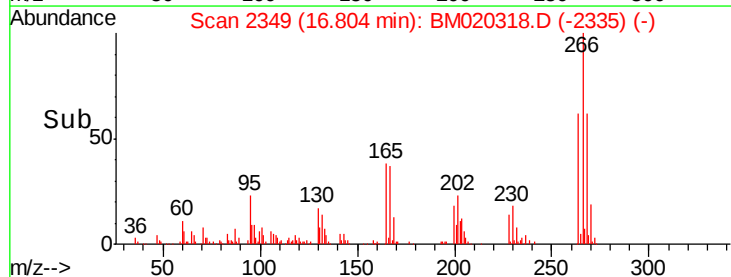
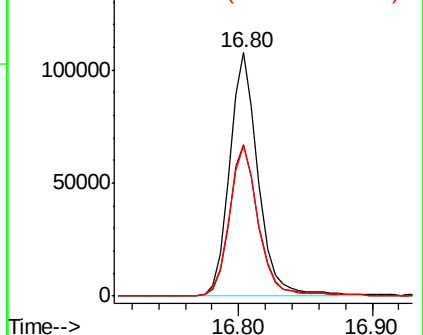
264 61.9 52.0 78.0

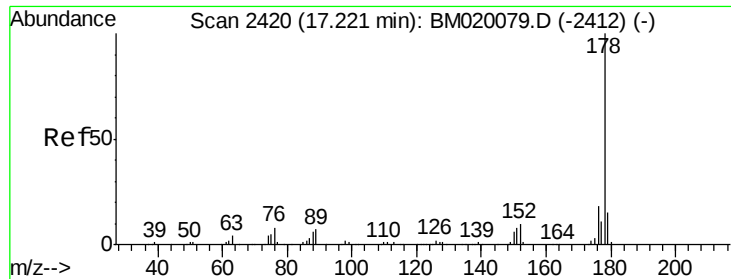


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

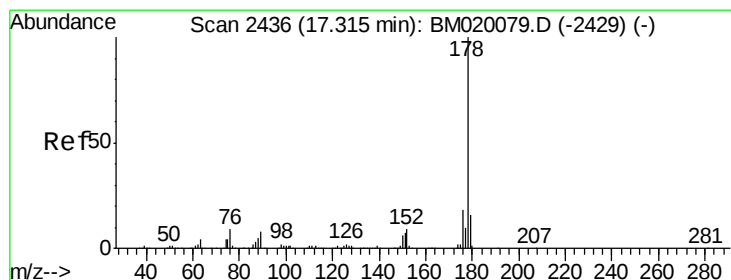
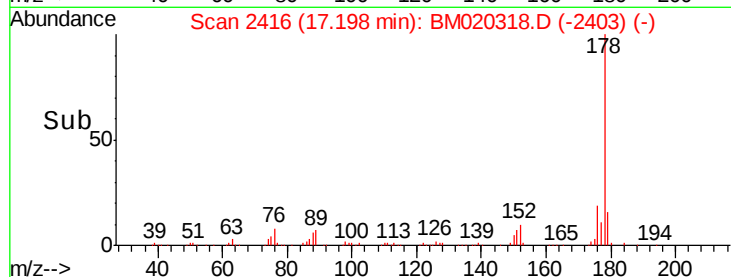
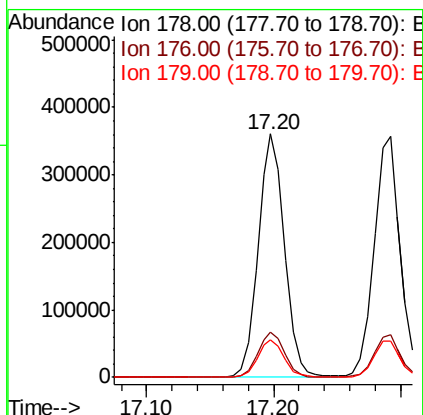
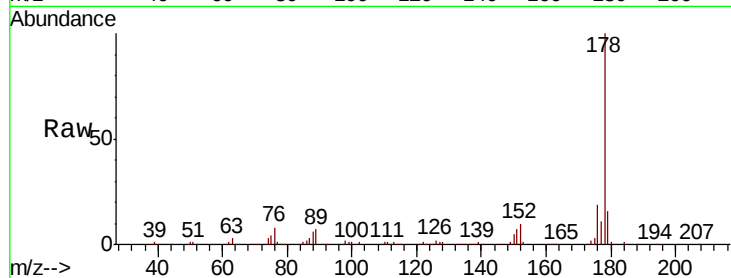




#71
Phenanthrene
Concen: 41.902 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

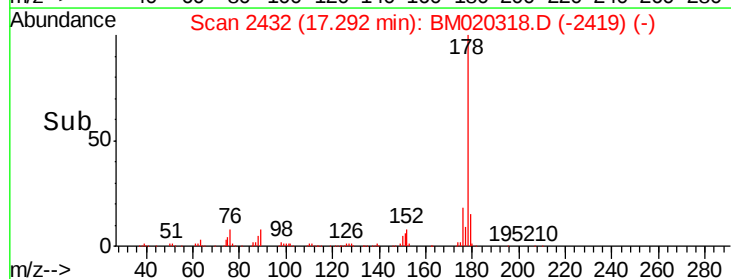
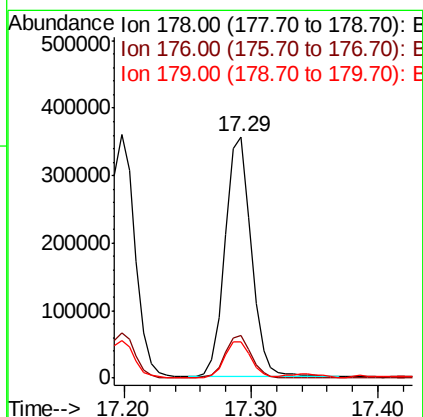
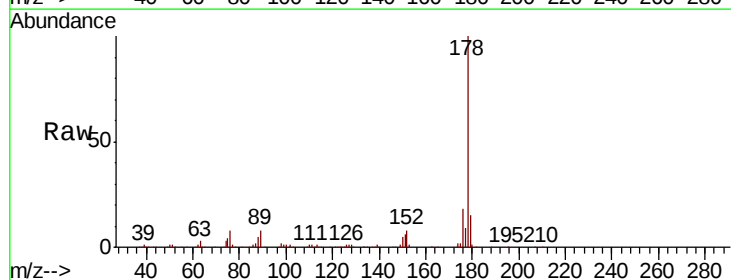
Instrument :
BNA_M
ClientSampleId :
12-B2MS

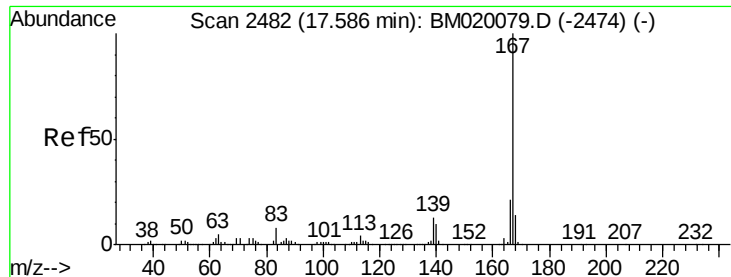
Tgt Ion:178 Resp: 522356
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.5 12.4 18.6



#72
Anthracene
Concen: 40.818 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion:178 Resp: 508757
Ion Ratio Lower Upper
178 100
176 17.8 14.6 22.0
179 15.1 12.4 18.6

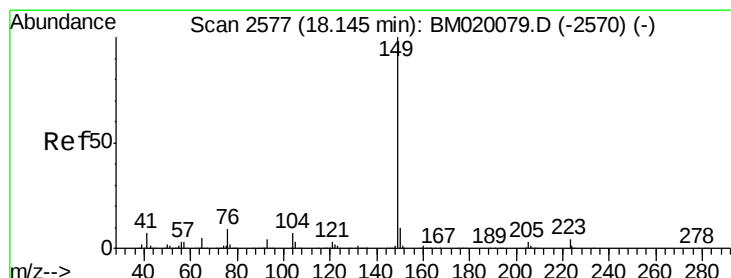
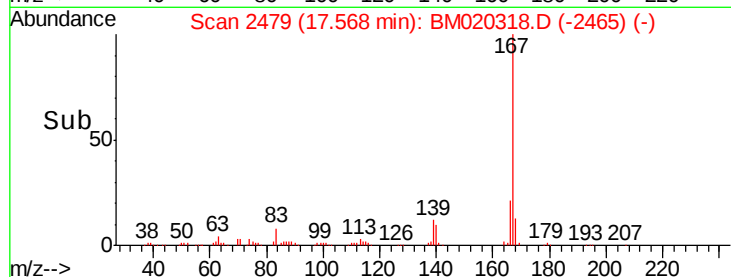
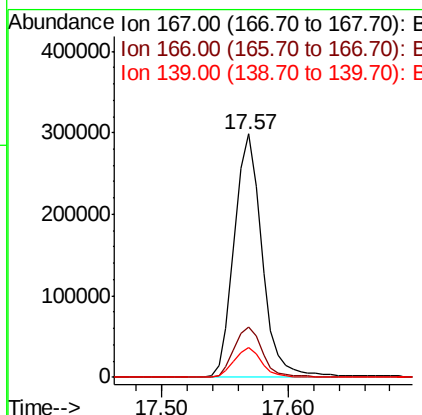
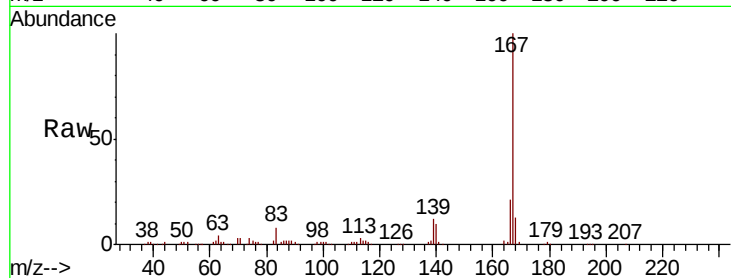




#73
 Carbazole
 Concen: 40.441 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

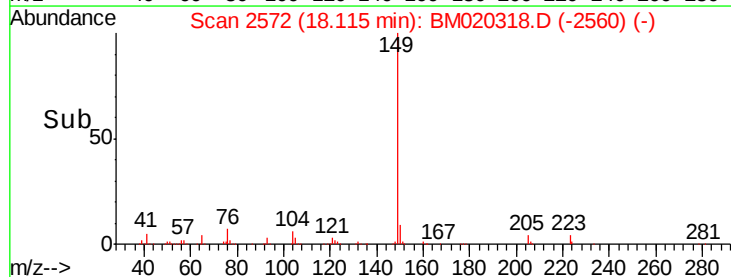
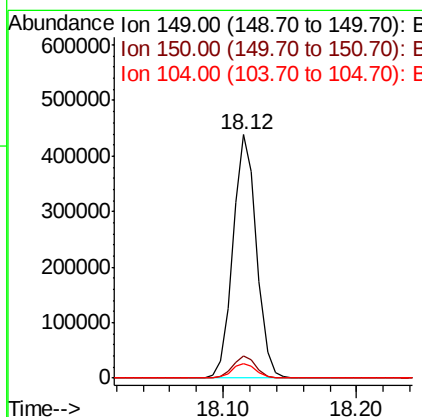
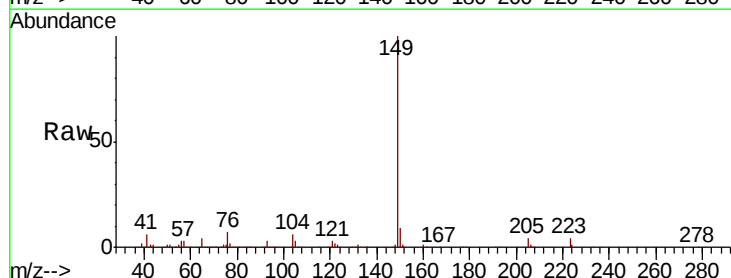
Instrument :
 BNA_M
 ClientSampleId :
 12-B2MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	12.1	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 39.823 ng
 RT: 18.12 min Scan# 2572
 Delta R.T. -0.03 min
 Lab File: BM020318.D
 Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	6.2	5.7	8.5





#75

Fluoranthene

Concen: 41.024 ng

RT: 19.22 min Scan# 2759

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

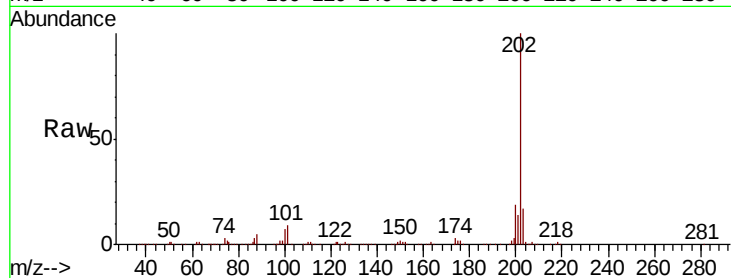
Tgt Ion:202 Resp: 647061

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.4

203 16.7 0.0 37.4

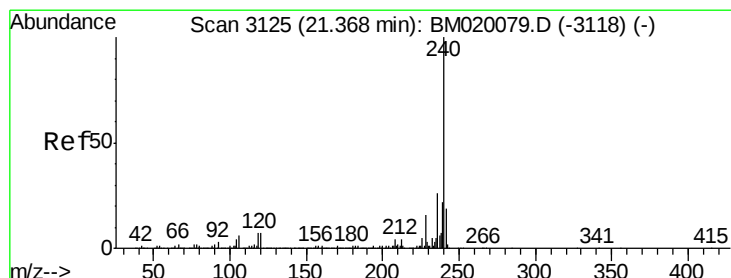
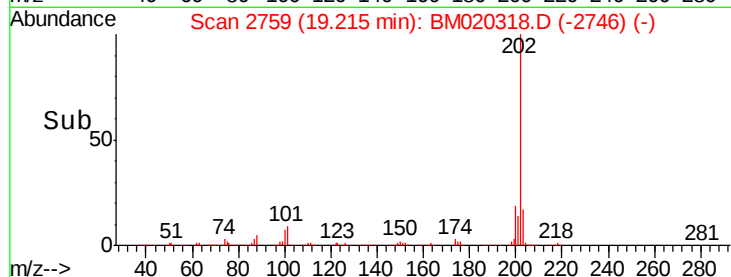
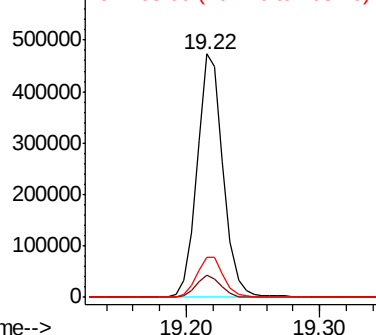


Abundance

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: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

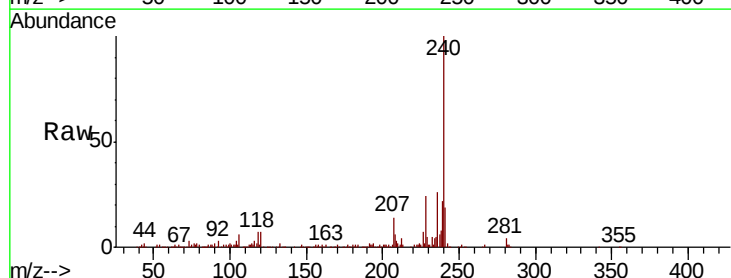
Tgt Ion:240 Resp: 257675

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

236 26.3 20.9 31.3

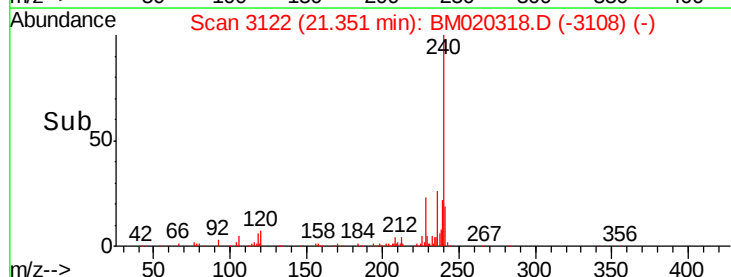
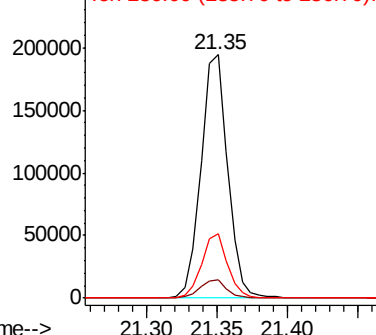


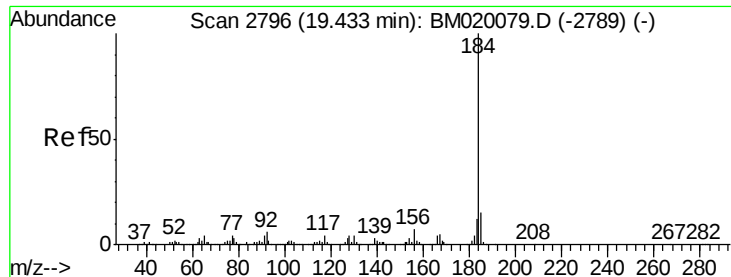
Abundance

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





#77

Benzidine

Concen: 33.543 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

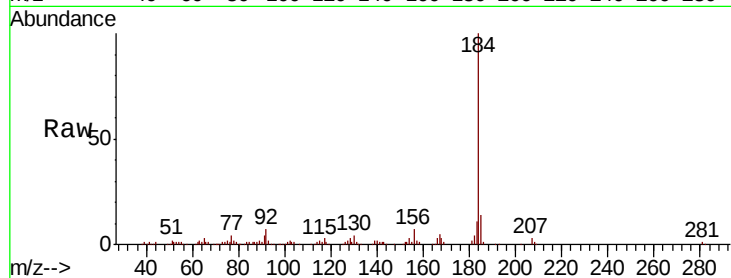
Tgt Ion:184 Resp: 276326

Ion Ratio Lower Upper

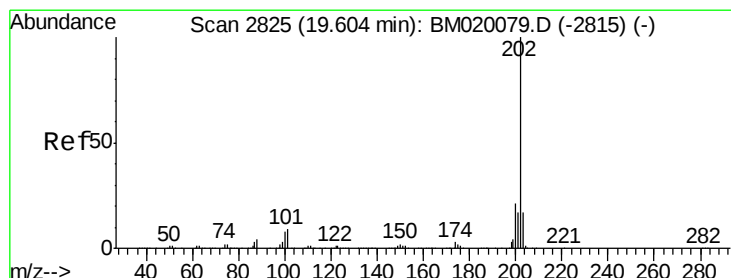
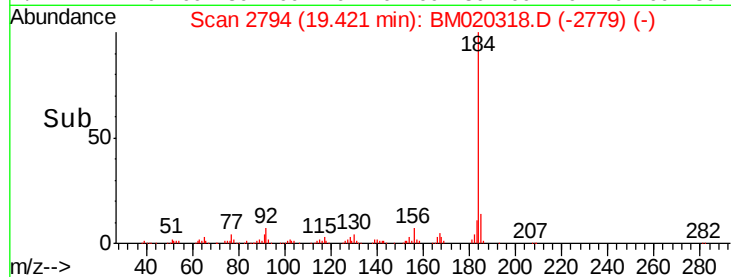
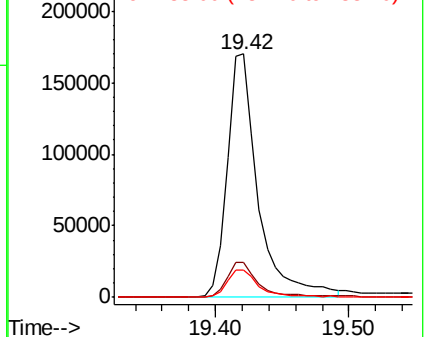
184 100

185 14.3 12.0 18.0

183 11.2 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.728 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

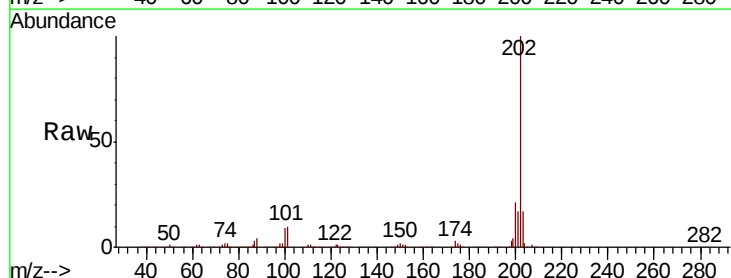
Tgt Ion:202 Resp: 669996

Ion Ratio Lower Upper

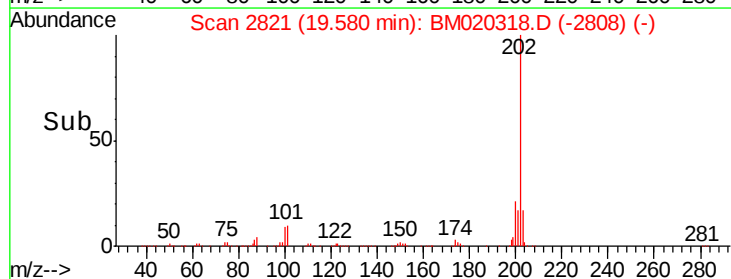
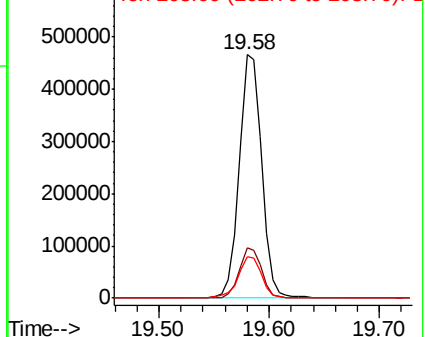
202 100

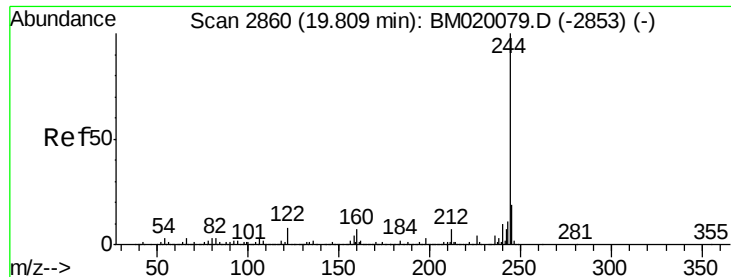
200 20.6 16.5 24.7

203 17.0 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: 74.315 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

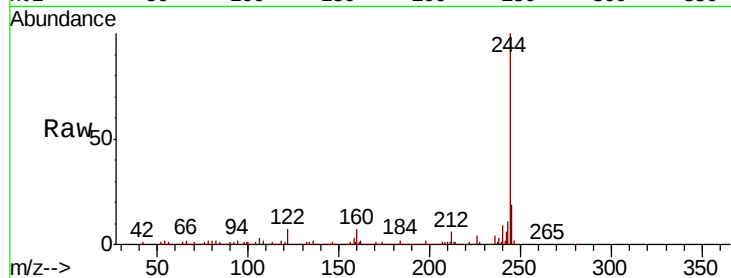
Tgt Ion:244 Resp: 1097858

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

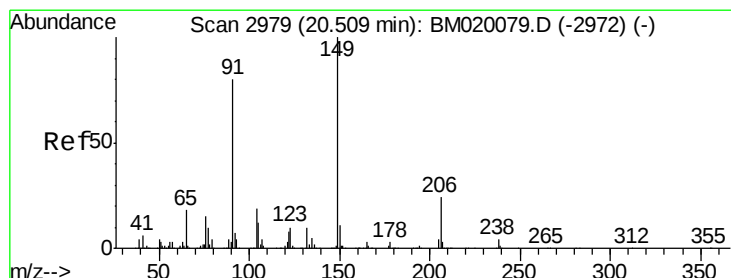
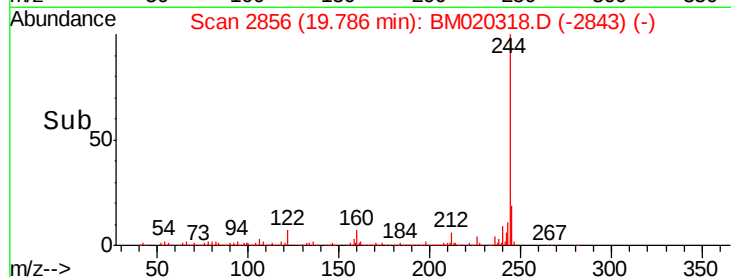
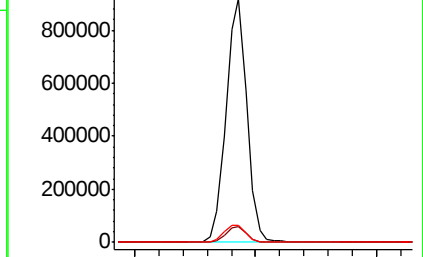
122 7.2 6.2 9.2



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: 42.266 ng

RT: 20.48 min Scan# 2974

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

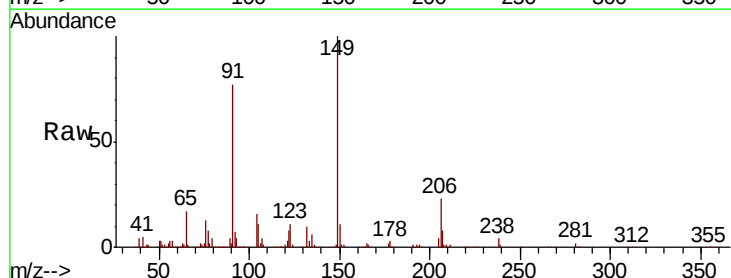
Tgt Ion:149 Resp: 265901

Ion Ratio Lower Upper

149 100

91 76.5 63.8 95.8

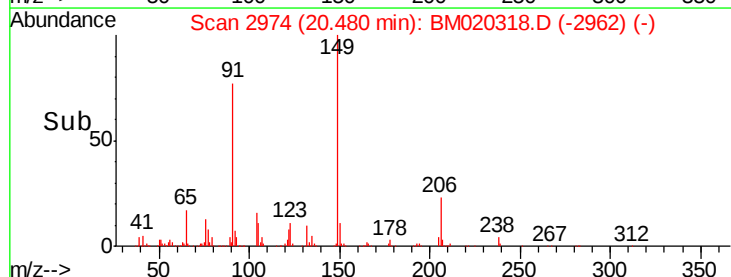
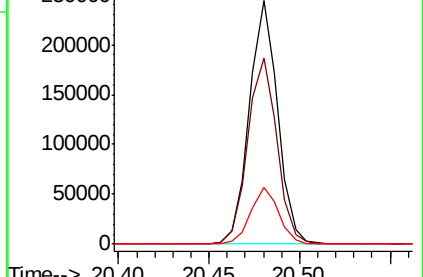
206 23.2 18.9 28.3

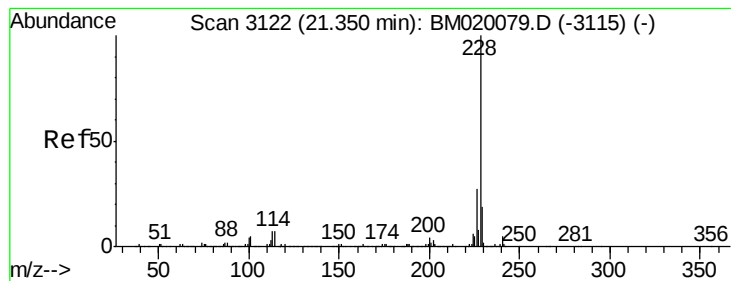


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.551 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

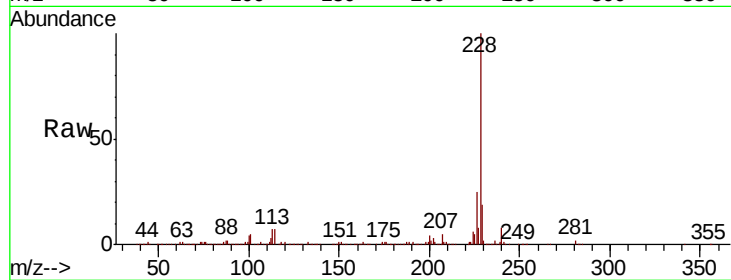
BNA_M

ClientSampleId :

12-B2MS

Tgt Ion:228 Resp: 678574

Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.3	31.9
229	19.2	15.5	23.3

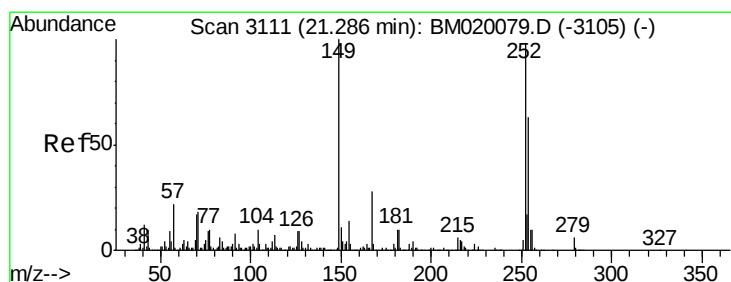
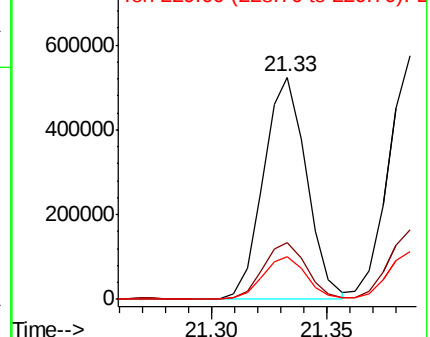
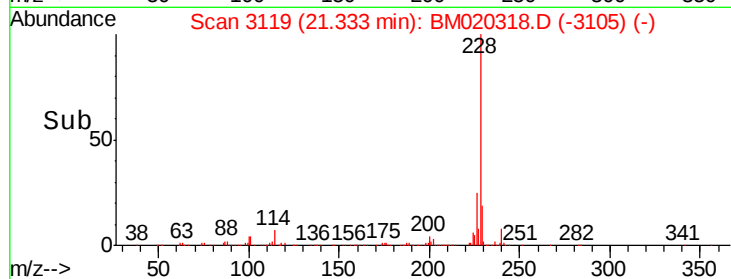


Abundance

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: 33.584 ng

RT: 21.27 min Scan# 3108

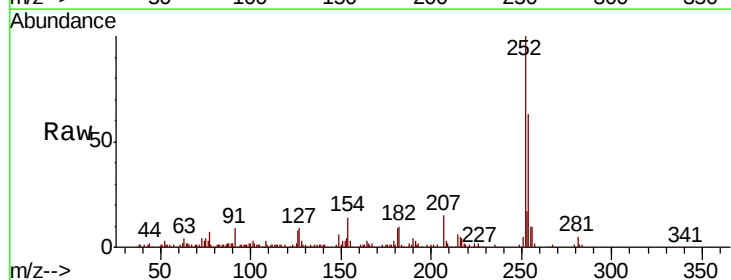
Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Tgt Ion:252 Resp: 231630

Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.1	76.7
126	8.5	7.1	10.7

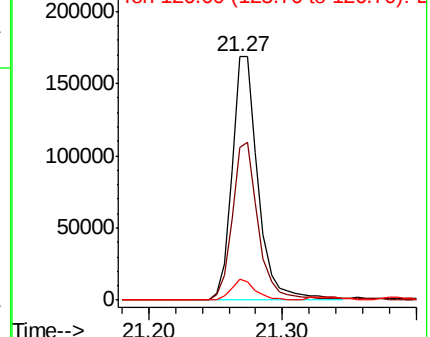
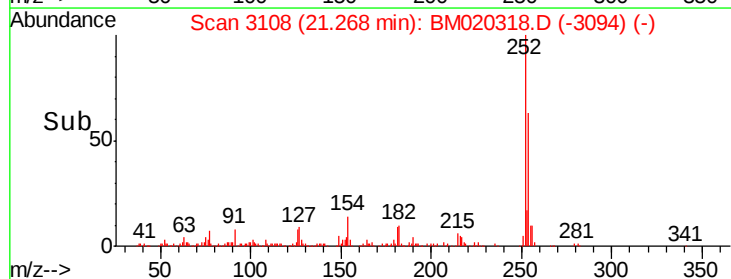


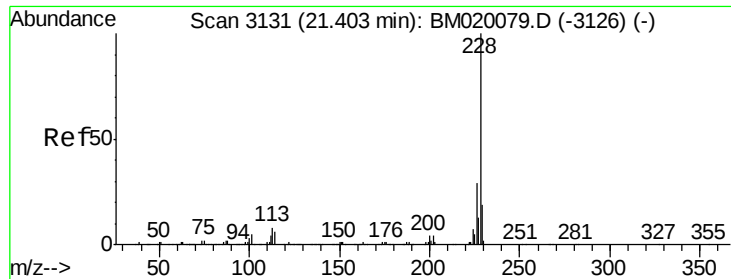
Abundance

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: 39.437 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

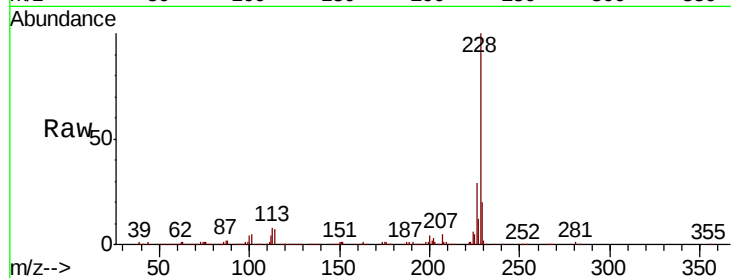
Tgt Ion:228 Resp: 691154

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

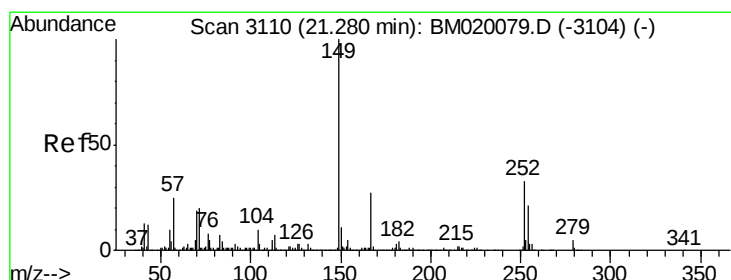
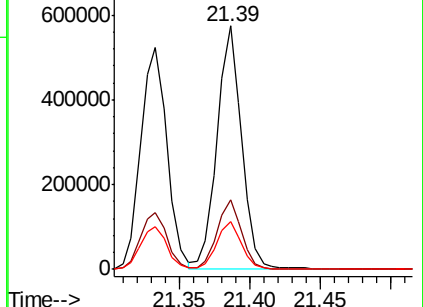
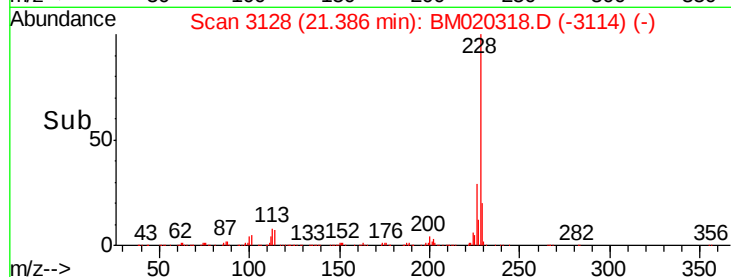
229 19.6 15.5 23.3



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: 40.702 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

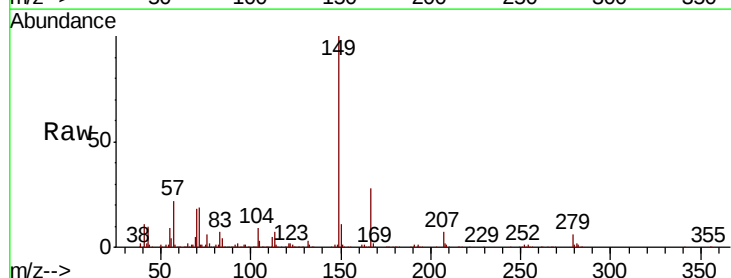
Tgt Ion:149 Resp: 397344

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

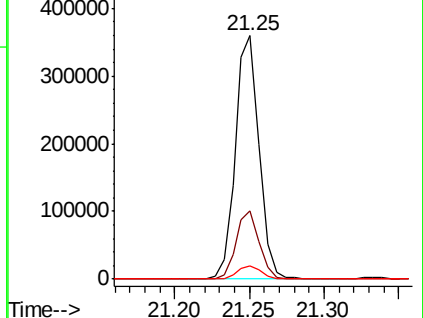
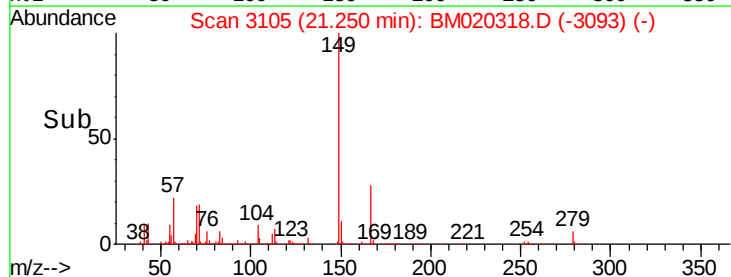
279 5.7 4.2 6.2

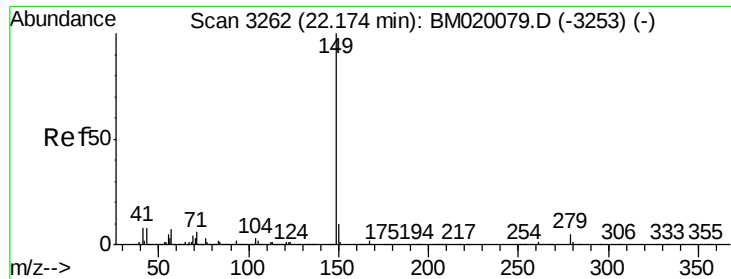


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.679 ng

RT: 22.14 min Scan# 3256

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

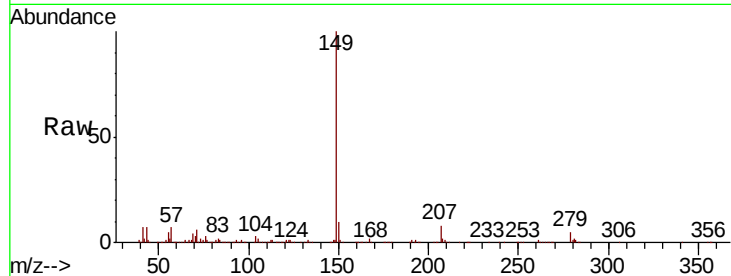
Tgt Ion:149 Resp: 692494

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

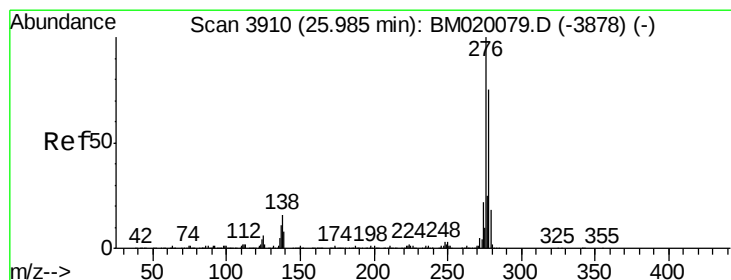
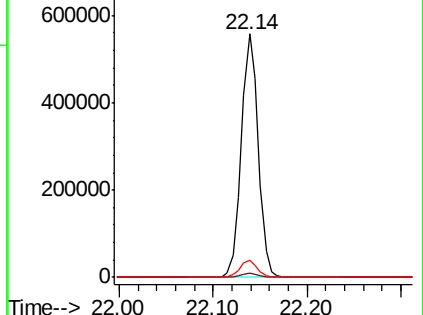
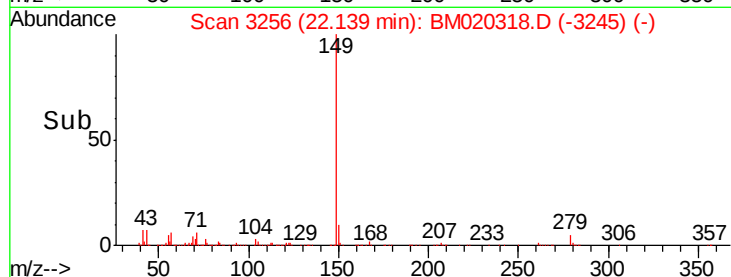
43 7.0 6.5 9.7



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: 38.650 ng

RT: 25.96 min Scan# 3905

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

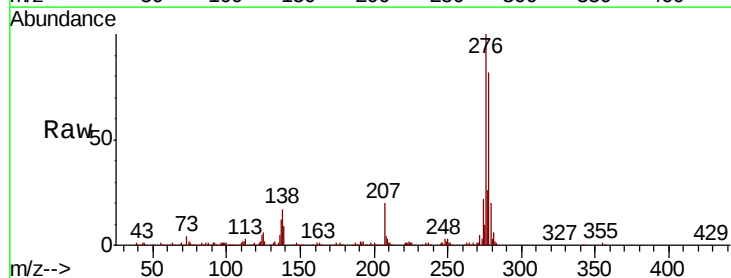
Tgt Ion:276 Resp: 805704

Ion Ratio Lower Upper

276 100

138 17.1 0.0 0.0#

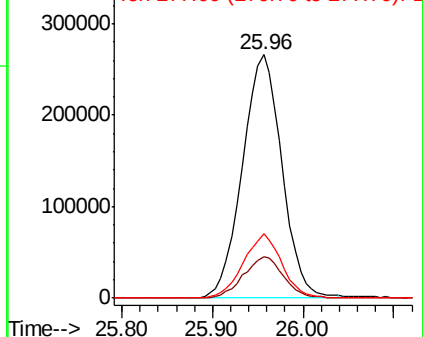
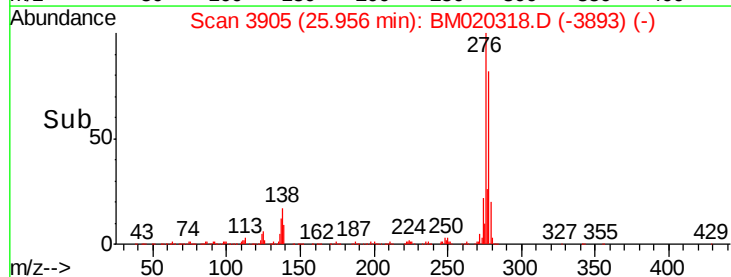
277 25.7 0.0 0.0#

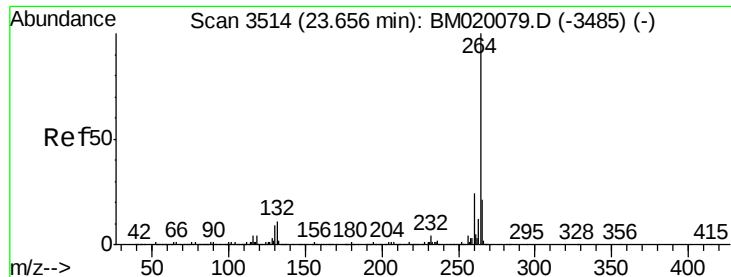


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

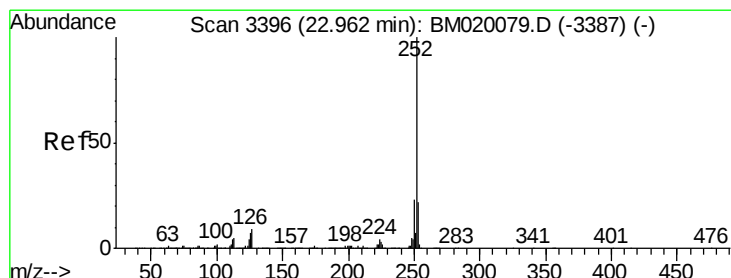
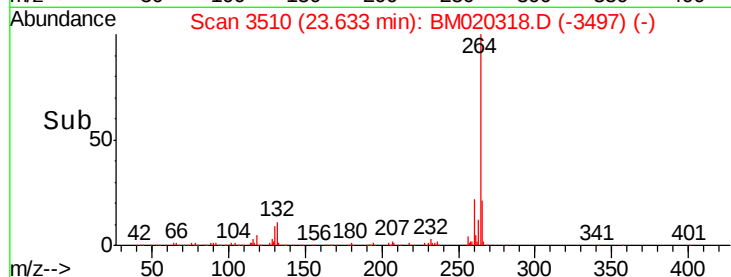
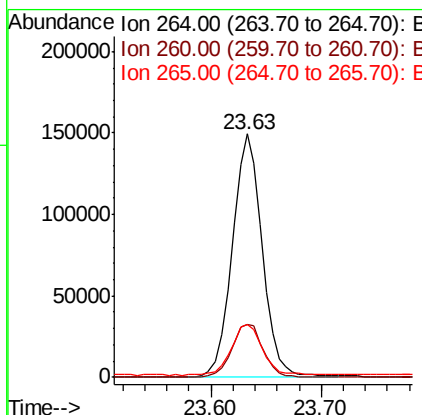
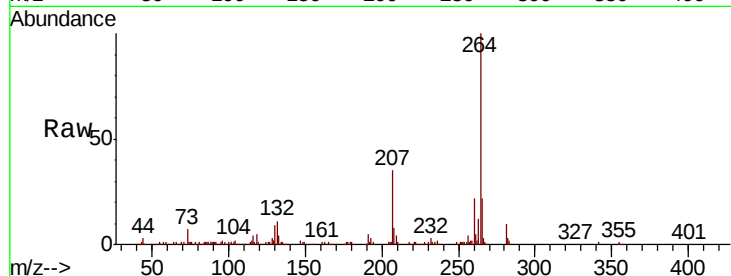




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

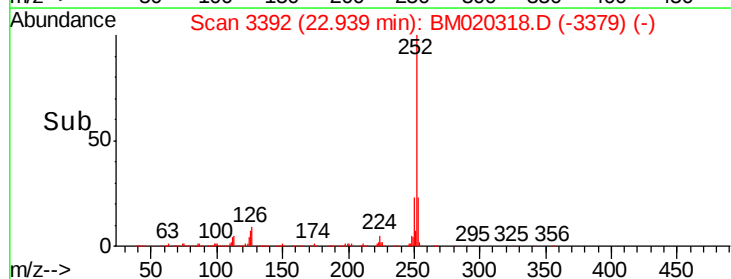
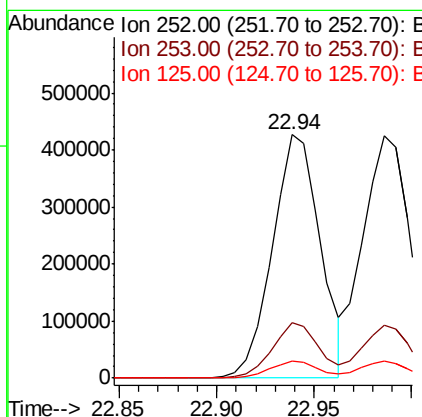
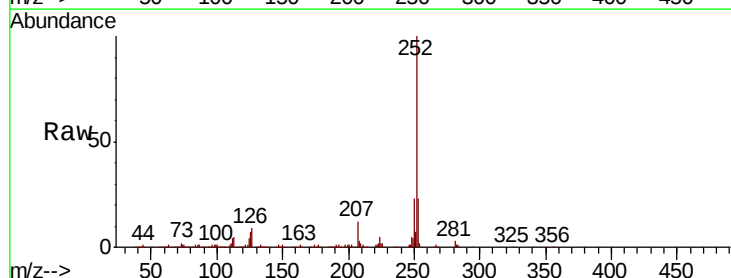
Instrument :
BNA_M
ClientSampleId :
12-B2MS

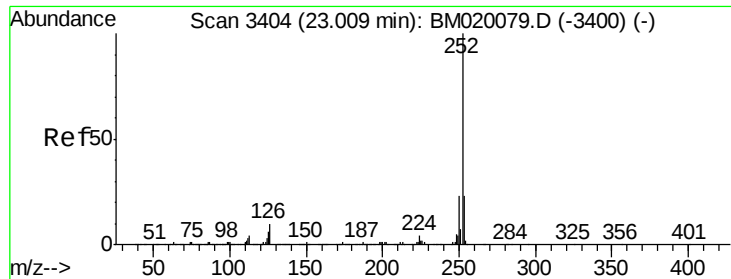
Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	21.7	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 38.721 ng
RT: 22.94 min Scan# 3392
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	6.9	5.4	8.2

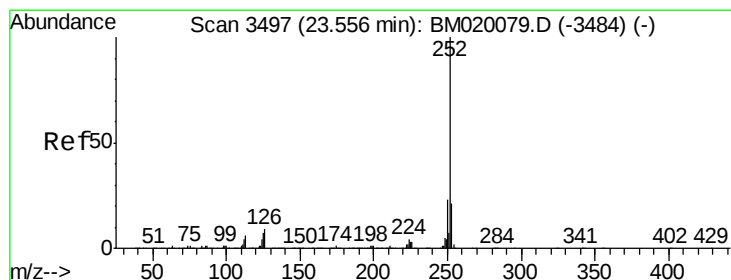
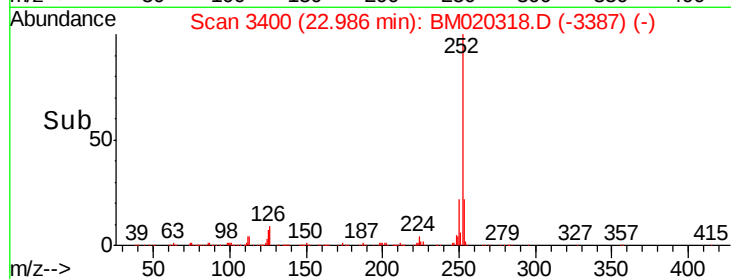
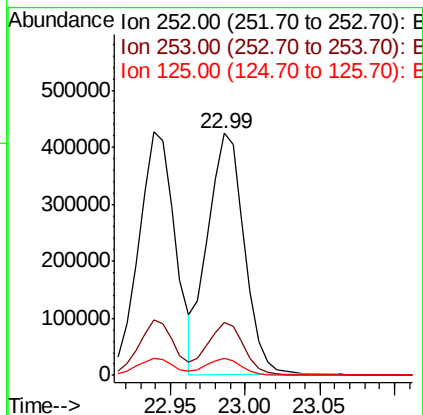
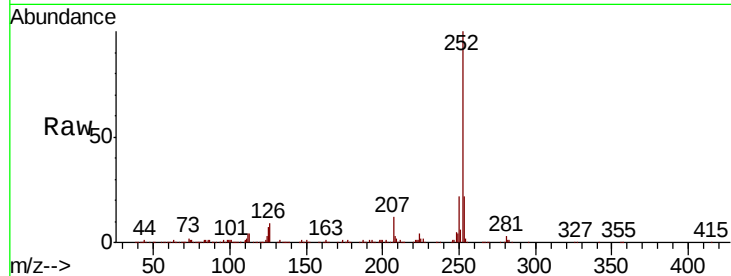




#89
Benzo(k)fluoranthene
Concen: 42.408 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

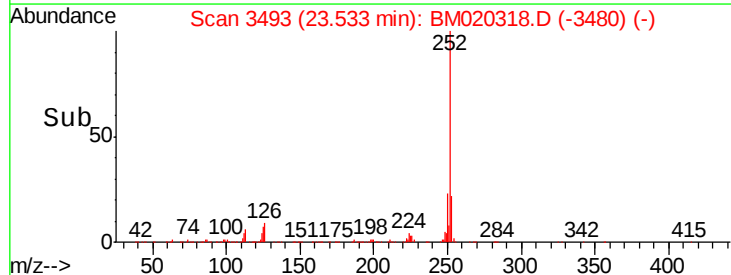
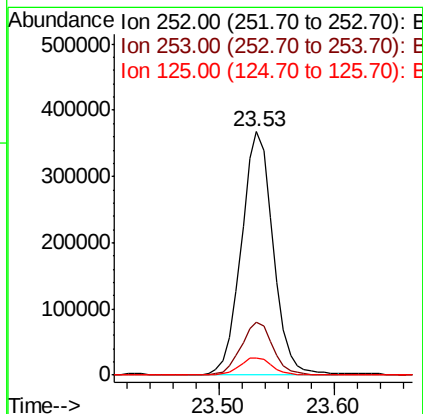
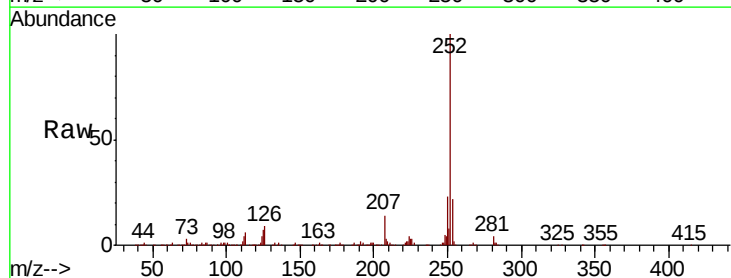
Instrument :
BNA_M
ClientSampleId :
12-B2MS

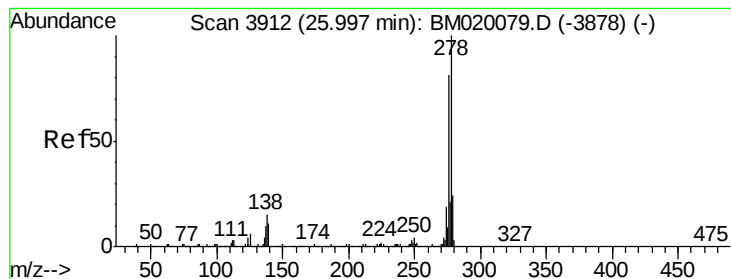
Tgt Ion: 252 Resp: 725104
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.1 5.4 8.0



#90
Benzo(a)pyrene
Concen: 41.124 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020318.D
Acq: 13 May 2019 16:21

Tgt Ion: 252 Resp: 700171
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 7.3 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 38.864 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.03 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

Instrument :

BNA_M

ClientSampleId :

12-B2MS

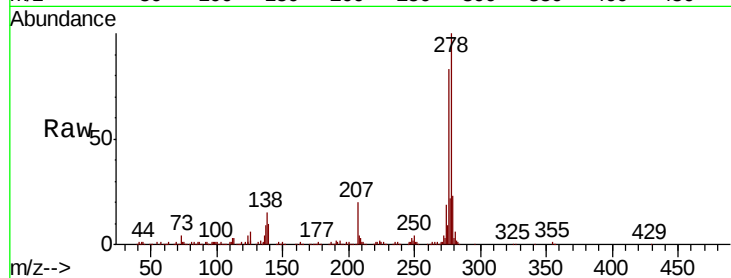
Tgt Ion:278 Resp: 688126

Ion Ratio Lower Upper

278 100

139 10.2 8.6 13.0

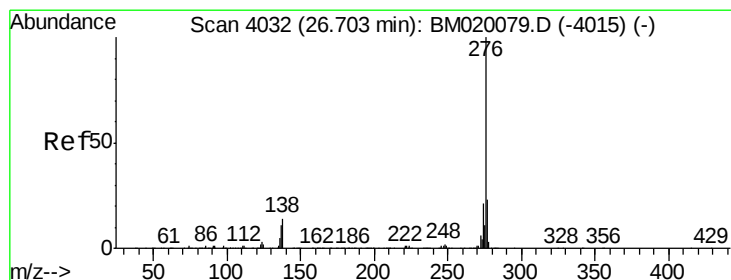
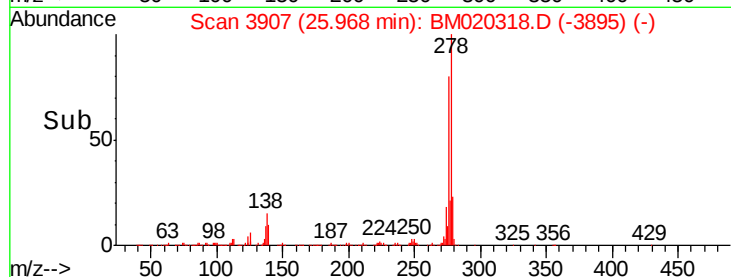
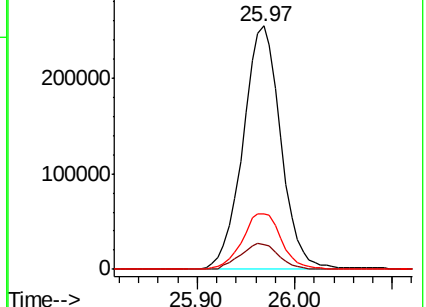
279 23.0 18.8 28.2



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: 39.315 ng

RT: 26.67 min Scan# 4026

Delta R.T. -0.04 min

Lab File: BM020318.D

Acq: 13 May 2019 16:21

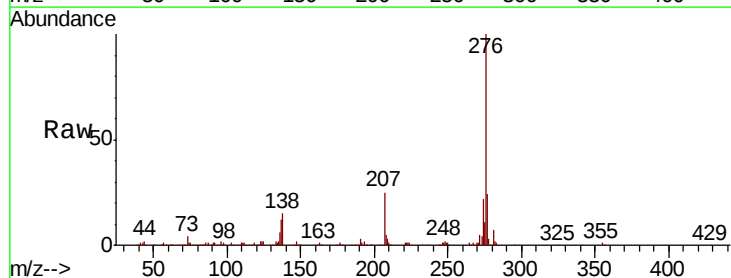
Tgt Ion:276 Resp: 660887

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 14.6 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

