

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020242.D
 Acq On : 10 May 2019 15:15
 Operator : JU/SJ
 Sample : K2746-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Quant Time: May 11 01:48:13 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	7.77	152	67753	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	299265	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	208441	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	538184	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	618603	20.00	ng	0.00
87) Perylene-d12	23.65	264	715376	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	542236	130.82	ng	-0.01
7) Phenol-d6	6.95	99	797361	140.81	ng	0.00
23) Nitrobenzene-d5	8.95	82	539075	71.12	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	420508	129.97	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1124052	66.35	ng	-0.02
79) Terphenyl-d14	19.80	244	2303505	64.95	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	54444	26.782	ng	96
3) Pyridine	3.69	79	171832	33.050	ng	95
4) n-Nitrosodimethylamine	3.61	42	62016	37.198	ng	# 69
6) Aniline	7.11	93	190744	26.759	ng	98
8) 2-Chlorophenol	7.34	128	198310	43.940	ng	97
9) Benzaldehyde	6.93	77	113520	26.487	ng	94
10) Phenol	6.97	94	293709	48.181	ng	90
11) bis(2-Chloroethyl)ether	7.21	93	187256	42.264	ng	98
12) 1,3-Dichlorobenzene	7.66	146	196097	37.344	ng	96
13) 1,4-Dichlorobenzene	7.81	146	202012	38.082	ng	97
14) 1,2-Dichlorobenzene	8.12	146	196960	38.972	ng	98
15) Benzyl Alcohol	8.02	79	233611	42.784	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	150189	40.880	ng	98
17) 2-Methylphenol	8.22	107	186683	47.573	ng	94
18) Hexachloroethane	8.84	117	77580	35.075	ng	97
19) n-Nitroso-di-n-propylamine	8.58	70	203104	41.924	ng	96
20) 3+4-Methylphenols	8.55	107	254165	48.733	ng	95
22) Acetophenone	8.60	105	323554	39.559	ng	# 96
24) Nitrobenzene	8.99	77	289839	36.878	ng	94
25) Isophorone	9.50	82	532922	40.769	ng	99
26) 2-Nitrophenol	9.69	139	110914	46.745	ng	95
27) 2,4-Dimethylphenol	9.75	122	191617	48.508	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	282938	39.742	ng	100
29) 2,4-Dichlorophenol	10.22	162	220411	44.249	ng	100
30) 1,2,4-Trichlorobenzene	10.43	180	229580	37.458	ng	97
31) Naphthalene	10.62	128	599391	38.596	ng	99
32) Benzoic acid	9.85	122	40771	19.119	ng	# 88
33) 4-Chloroaniline	10.74	127	102333	16.010	ng	97
34) Hexachlorobutadiene	10.88	225	144000	33.212	ng	98
35) Caprolactam	11.55	113	39433	26.475	ng	96
36) 4-Chloro-3-methylphenol	11.86	107	256038	43.740	ng	95
37) 2-Methylnaphthalene	12.23	142	473837	41.851	ng	97
38) 1-Methylnaphthalene	12.45	142	455574	41.149	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	290772	35.656	ng	99

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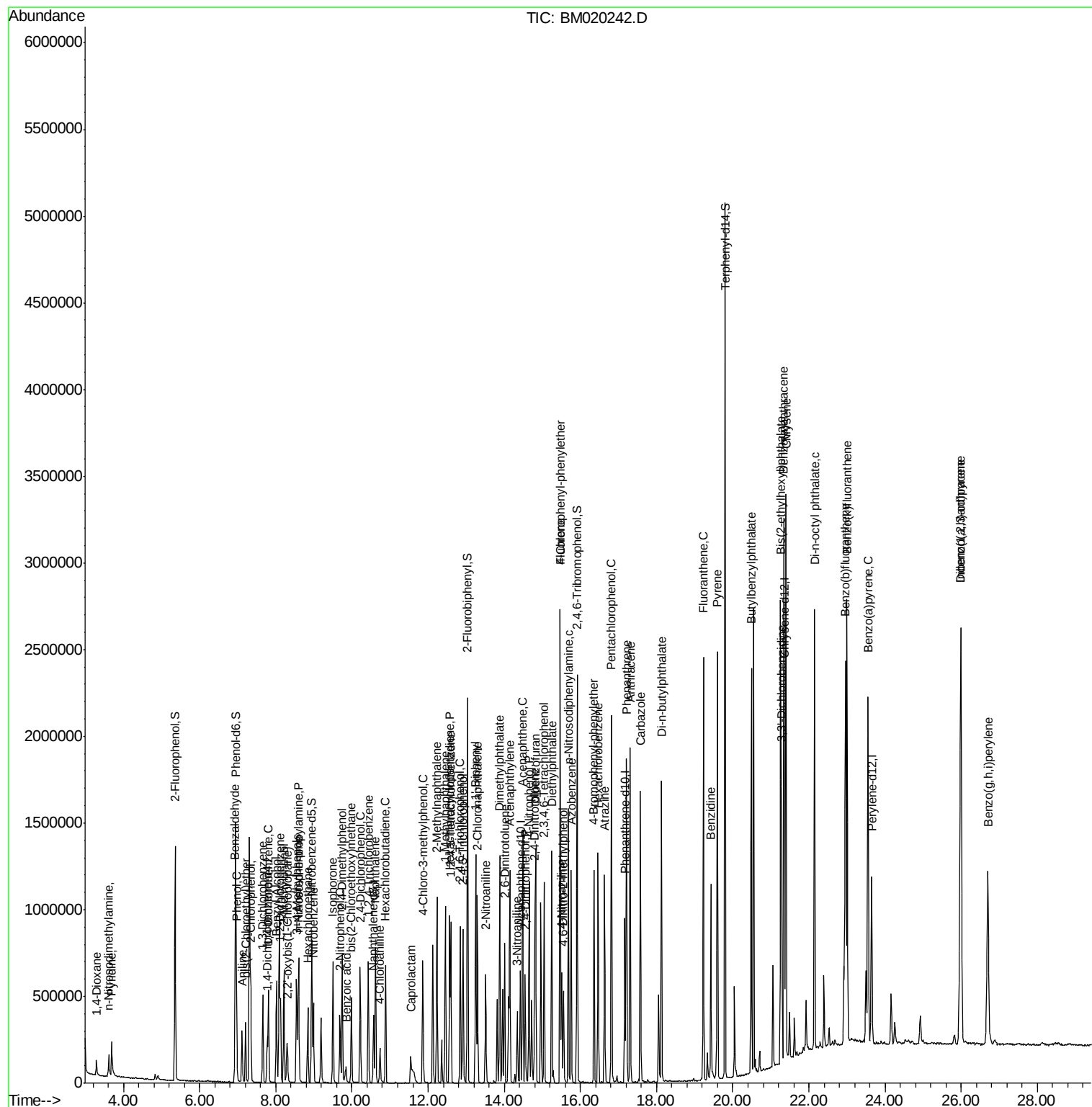
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	280389	58.394	ng	100
43) 2,4,6-Trichlorophenol	12.85	196	205213	44.277	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	220306	42.550	ng	97
46) 1,1'-Biphenyl	13.25	154	639461	37.272	ng	98
47) 2-Chloronaphthalene	13.29	162	513102	37.457	ng	99
48) 2-Nitroaniline	13.51	65	193742	39.727	ng	94
49) Acenaphthylene	14.14	152	822150	37.502	ng	99
50) Dimethylphthalate	13.88	163	796983	44.987	ng	99
51) 2,6-Dinitrotoluene	14.01	165	153798	41.218	ng	88
52) Acenaphthene	14.49	154	483927	38.494	ng	99
53) 3-Nitroaniline	14.34	138	92728	26.776	ng	97
54) 2,4-Dinitrophenol	14.55	184	128862	70.117	ng	90
55) Dibenzofuran	14.82	168	818764	38.611	ng	96
56) 4-Nitrophenol	14.65	139	263457	89.163	ng	86
57) 2,4-Dinitrotoluene	14.80	165	219363	43.265	ng	94
58) Fluorene	15.47	166	670501	38.500	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.04	232	218770	44.463	ng	97
60) Diethylphthalate	15.24	149	692169	38.780	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	372051	37.704	ng	95
62) 4-Nitroaniline	15.51	138	137978	36.102	ng	92
63) Azobenzene	15.76	77	753516	35.786	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	115135	43.235	ng	97
66) n-Nitrosodiphenylamine	15.69	169	610224	38.533	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	240921	36.506	ng	93
68) Hexachlorobenzene	16.46	284	275946	36.336	ng	97
69) Atrazine	16.63	200	232992	37.648	ng	99
70) Pentachlorophenol	16.82	266	377677	86.918	ng	98
71) Phenanthrene	17.21	178	1119335	37.678	ng	99
72) Anthracene	17.30	178	1150754	38.742	ng	100
73) Carbazole	17.58	167	1050530	39.197	ng	99
74) Di-n-butylphthalate	18.13	149	1215517	37.686	ng	98
75) Fluoranthene	19.23	202	1482624	39.444	ng	100
77) Benzidine	19.43	184	664117	33.580	ng	99
78) Pyrene	19.59	202	1506788	36.280	ng	100
80) Butylbenzylphthalate	20.49	149	611863	40.512	ng	98
81) Benzo(a)anthracene	21.34	228	1566614	36.112	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	465210	28.096	ng	100
83) Chrysene	21.40	228	1562518	37.138	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	909507	38.808	ng	98
85) Di-n-octyl phthalate	22.15	149	1607912	41.279	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1779336	35.554	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1731794	36.660	ng	100
89) Benzo(k)fluoranthene	23.00	252	1676932	38.916	ng	99
90) Benzo(a)pyrene	23.55	252	1645498	38.349	ng	98
91) Dibenzo(a,h)anthracene	26.00	278	1543300	34.585	ng	100
92) Benzo(g,h,i)perylene	26.70	276	1393582	32.894	ng	99

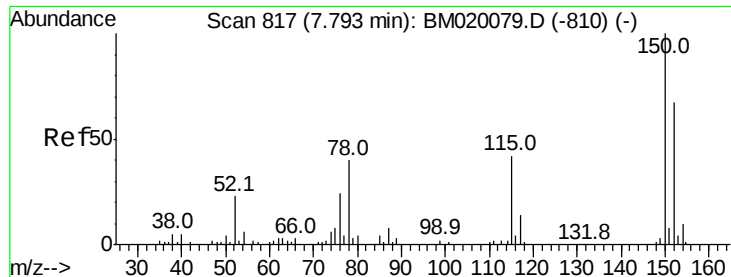
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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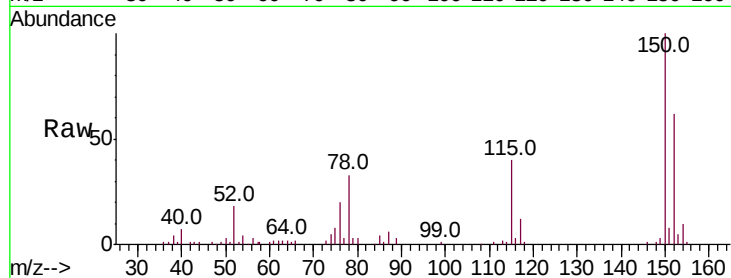


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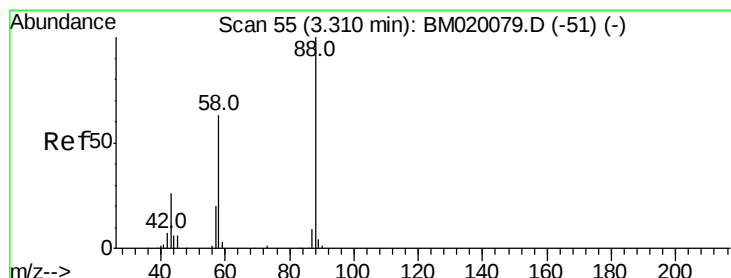
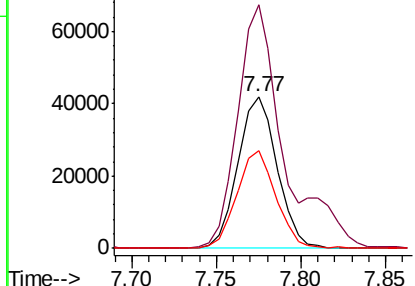
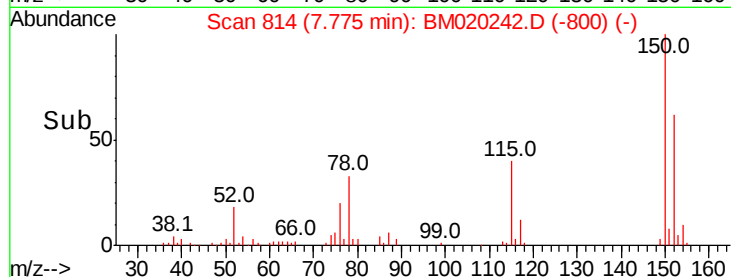
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.77 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion:152 Resp: 67753
 Ion Ratio Lower Upper
 152 100
 150 160.7 119.8 179.8
 115 64.5 50.8 76.2



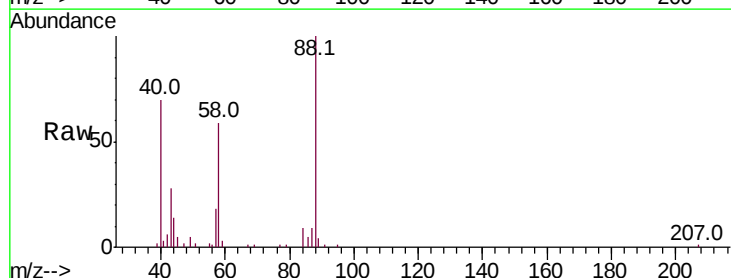
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



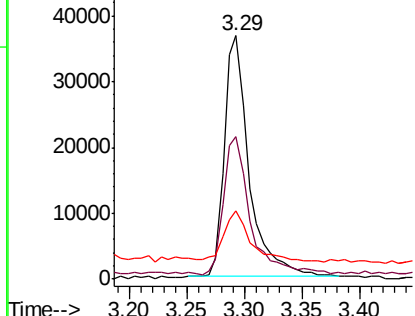
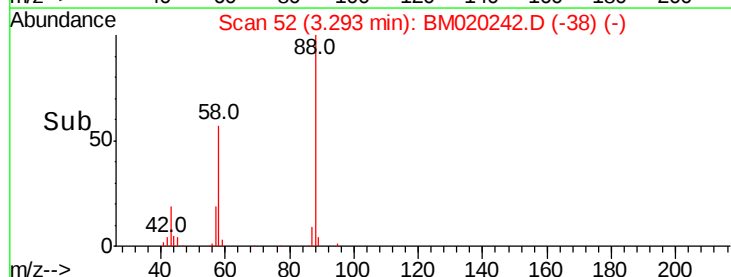
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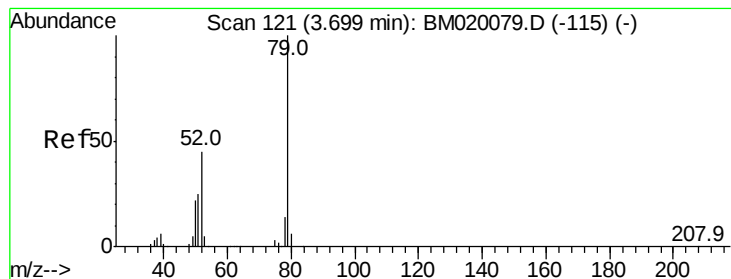
1,4-Dioxane
 Concen: 26.782 ng
 RT: 3.29 min Scan# 52
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion: 88 Resp: 54444
 Ion Ratio Lower Upper
 88 100
 58 61.3 51.8 77.6
 43 23.8 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

Pvridine

Concen: 33.050 ng

RT: 3.69 min Scan# 119

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

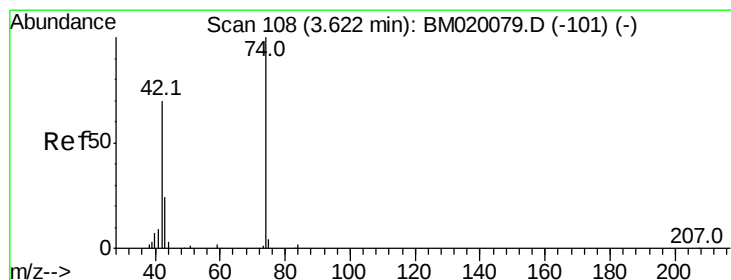
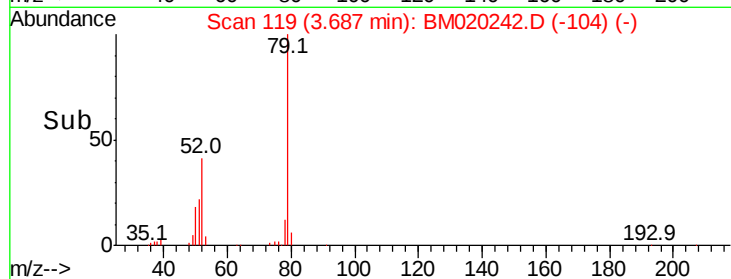
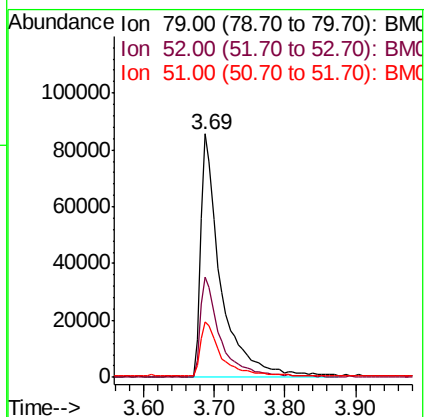
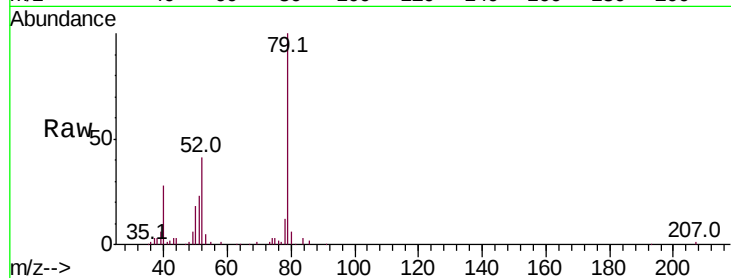
Tot Ion: 79 Resp: 171832

Ion Ratio Lower Upper

79 100

52 41.4 35.7 53.5

51 22.8 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 37.198 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

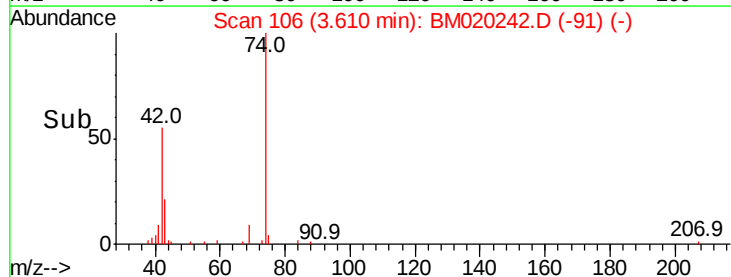
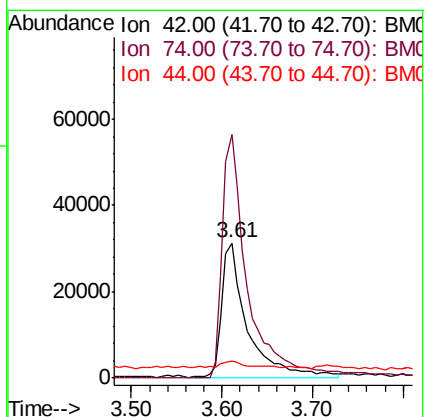
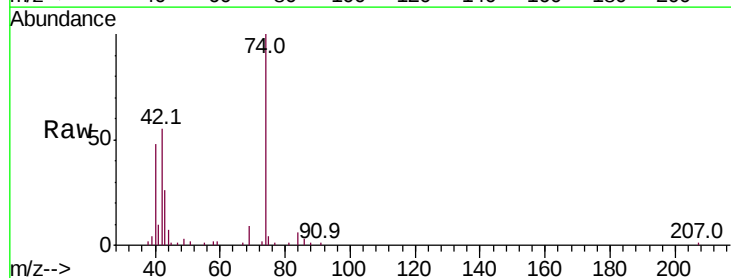
Tgt Ion: 42 Resp: 62016

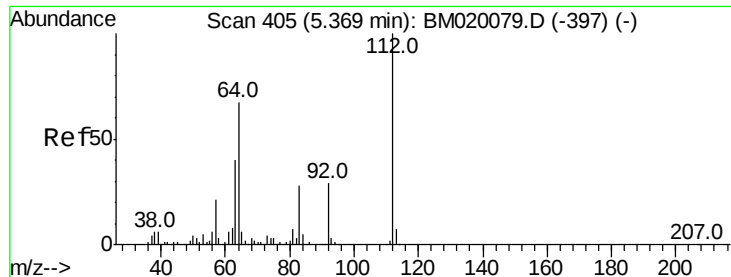
Ion Ratio Lower Upper

42 100

74 180.5 113.7 170.5#

44 12.4 3.9 5.9#





#5

2-Fluorophenol

Concen: 130.819 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

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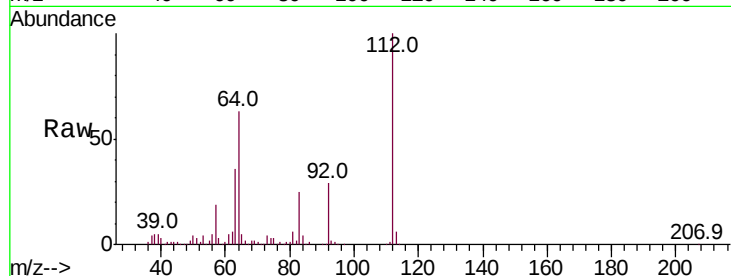
Tot Ion:112 Resp: 542236

Ion Ratio Lower Upper

112 100

64 63.3 53.8 80.6

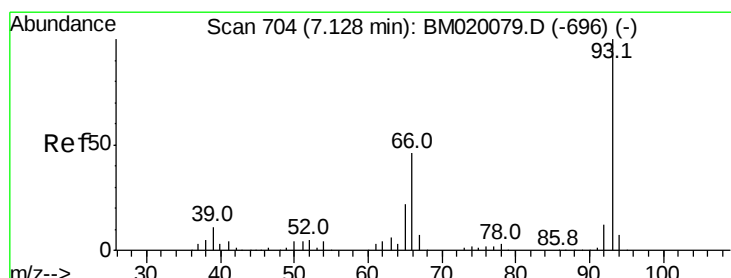
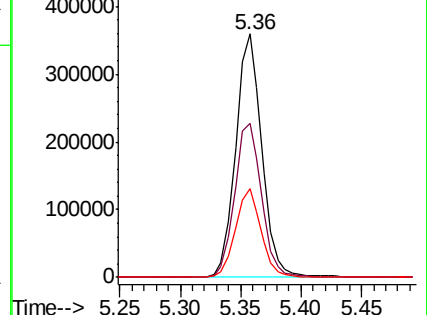
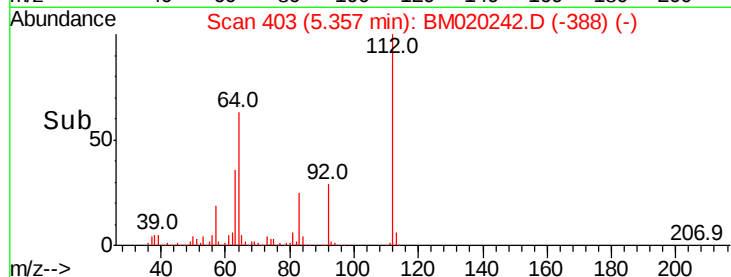
63 36.4 32.3 48.5



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: 26.759 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

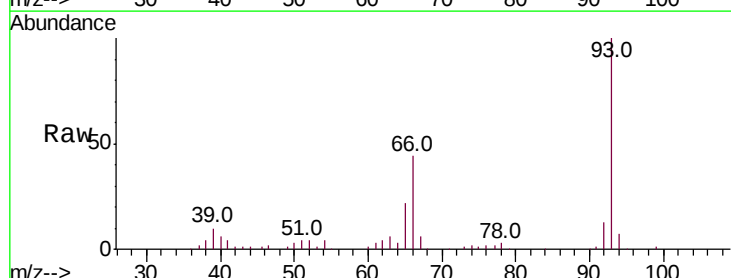
Tgt Ion: 93 Resp: 190744

Ion Ratio Lower Upper

93 100

66 43.7 36.6 54.8

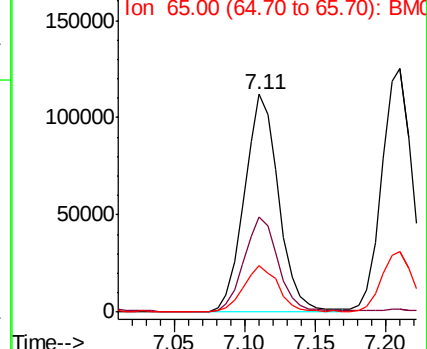
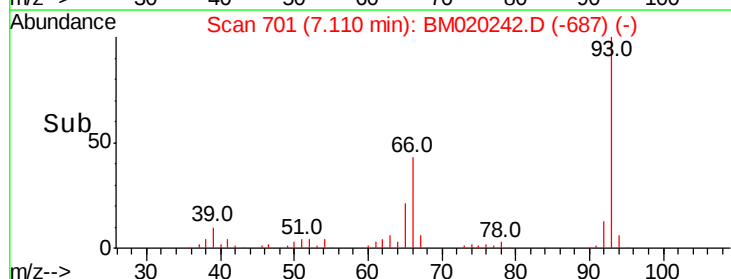
65 21.6 17.8 26.6

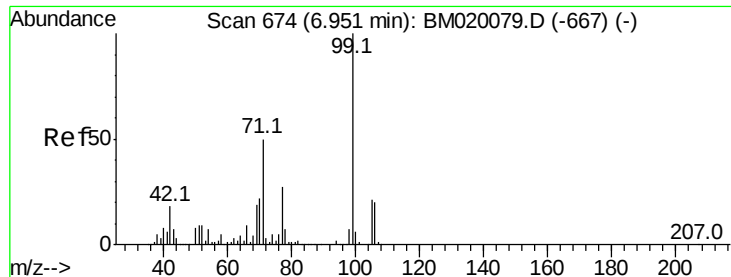


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 140.812 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

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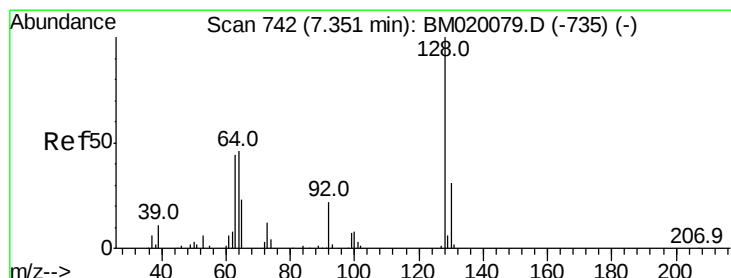
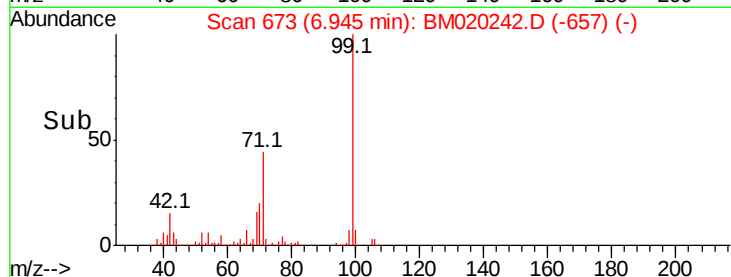
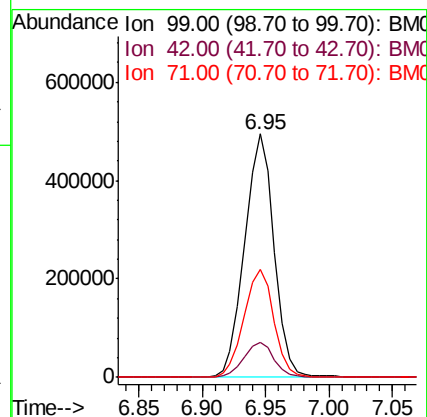
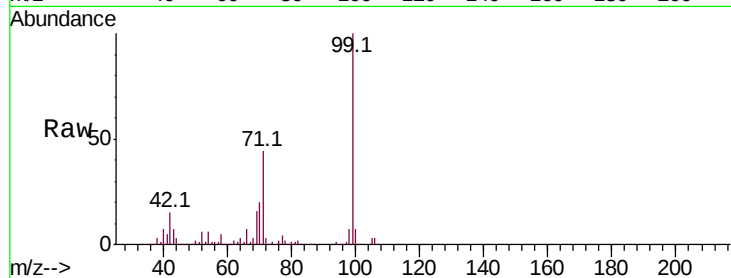
Tot Ion: 99 Resp: 797361

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.2

71 44.1 40.3 60.5



#8

2-Chlorophenol

Concen: 43.940 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

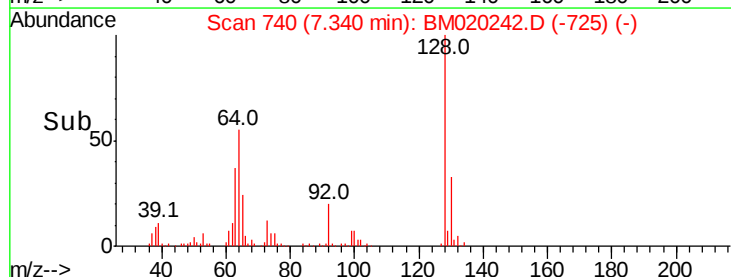
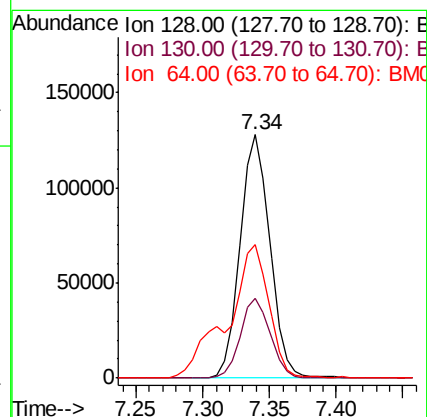
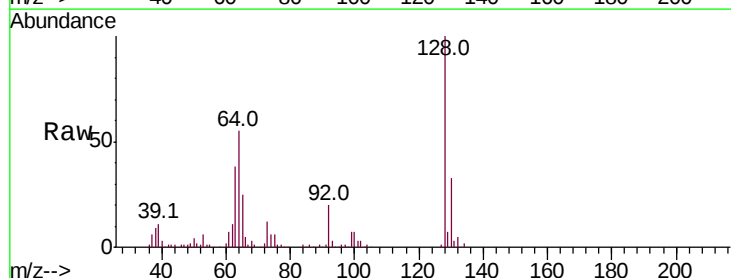
Tgt Ion: 128 Resp: 198310

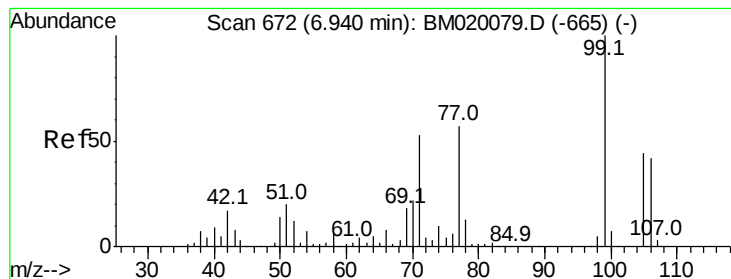
Ion Ratio Lower Upper

128 100

130 32.7 10.8 50.8

64 55.0 36.5 76.5





#9

Benzaldehyde

Concen: 26.487 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020242.D

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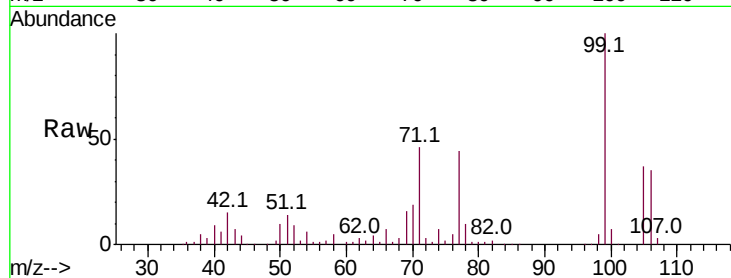
Tot Ion: 77 Resp: 113520

Ion Ratio Lower Upper

77 100

105 83.6 57.8 97.8

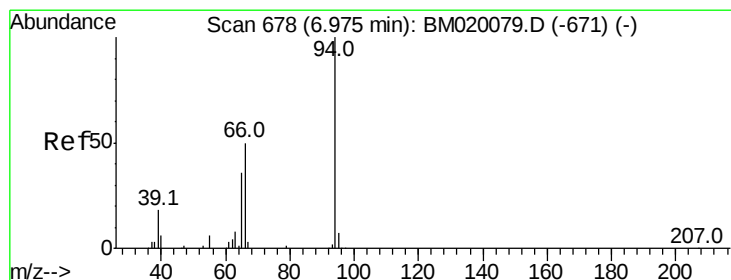
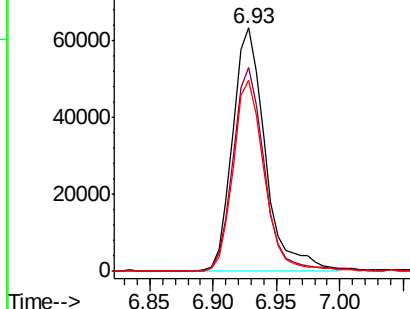
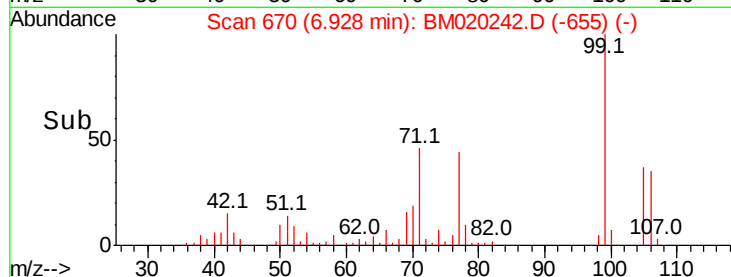
106 78.3 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020242.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020242.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020242.D (-665) (-)



#10

Phenol

Concen: 48.181 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

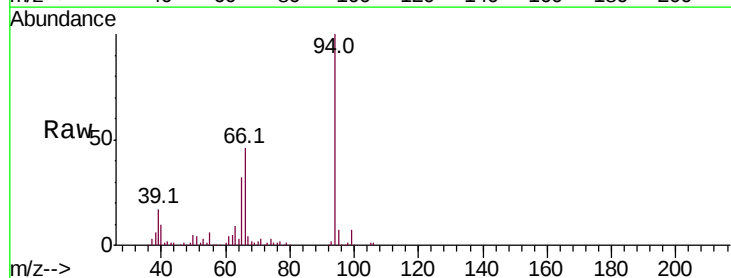
Tgt Ion: 94 Resp: 293709

Ion Ratio Lower Upper

94 100

65 32.2 17.0 57.0

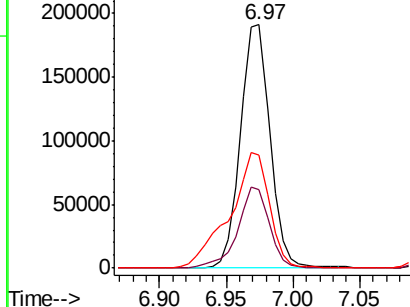
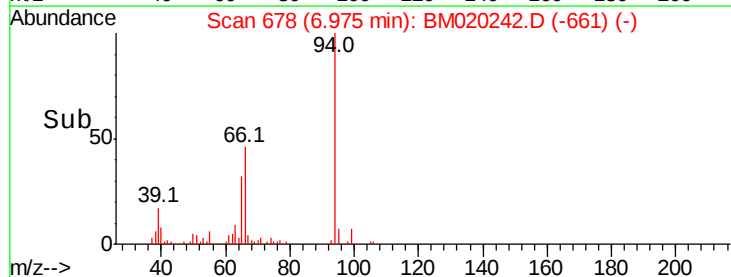
66 46.2 34.5 74.5

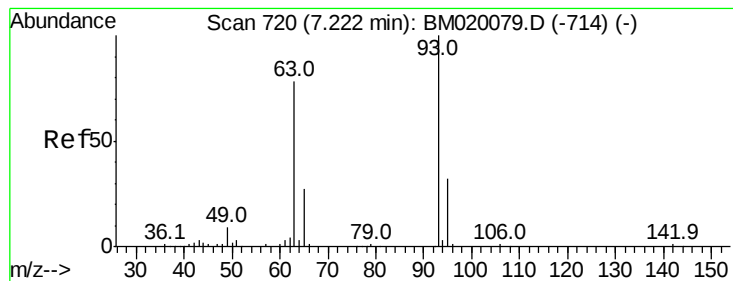


Abundance Ion 94.00 (93.70 to 94.70): BM020242.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020242.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020242.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 42.264 ng

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

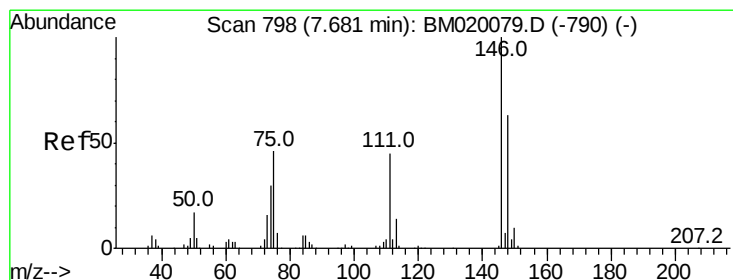
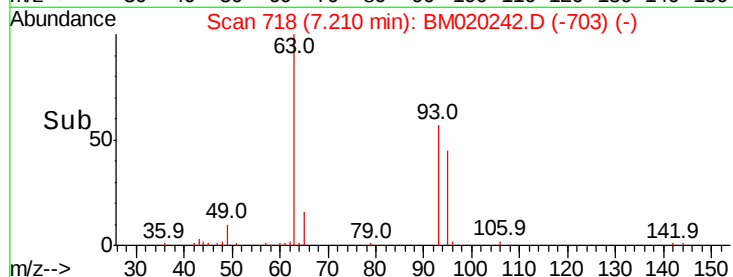
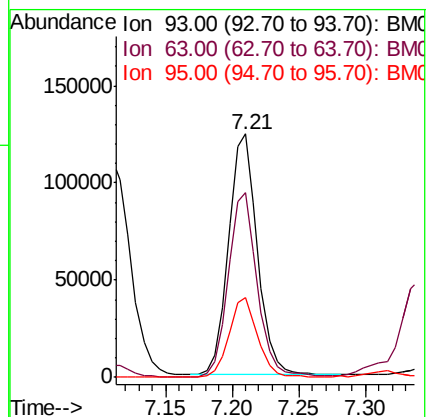
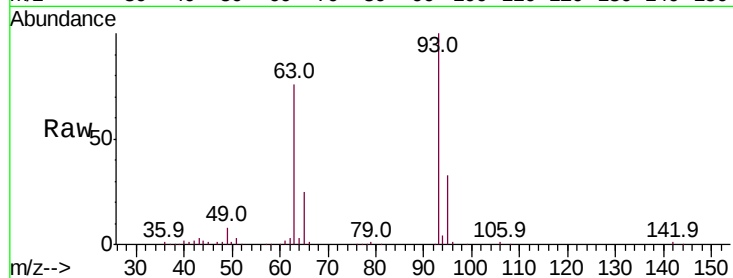
Tot Ion: 93 Resp: 187256

Ion Ratio Lower Upper

93 100

63 75.9 57.9 97.9

95 32.7 11.3 51.3



#12

1,3-Dichlorobenzene

Concen: 37.344 ng

RT: 7.66 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

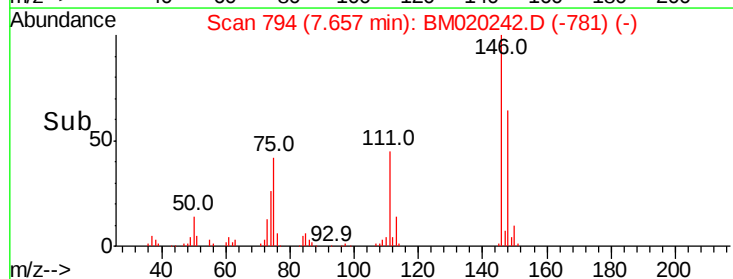
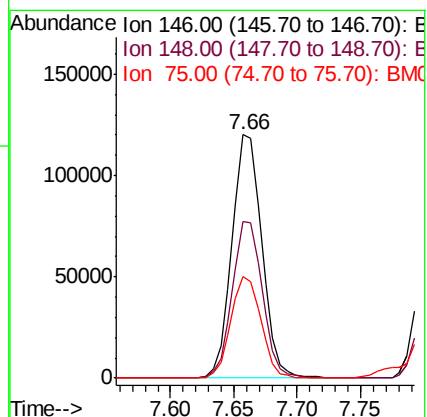
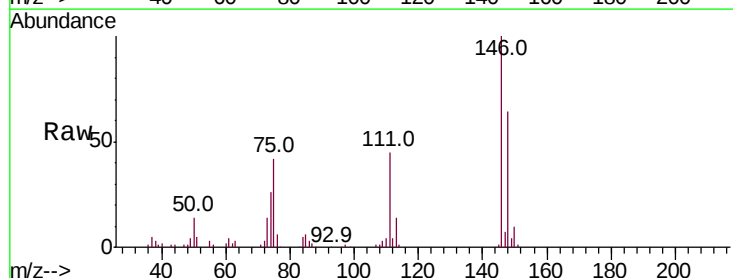
Tgt Ion: 146 Resp: 196097

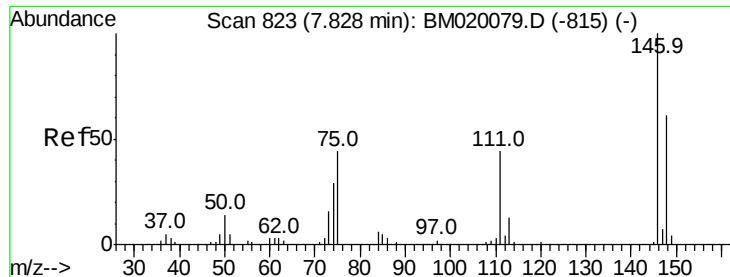
Ion Ratio Lower Upper

146 100

148 64.4 50.1 75.1

75 41.8 37.2 55.8

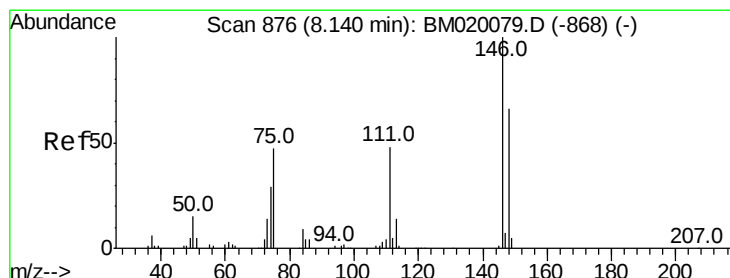
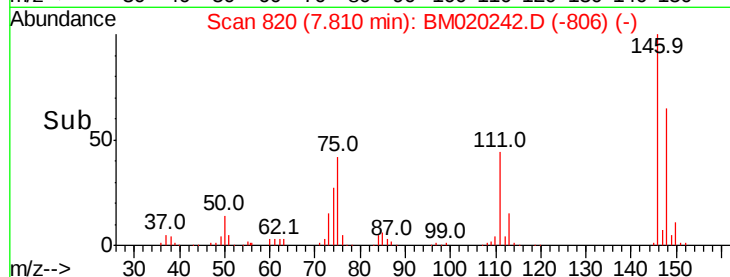
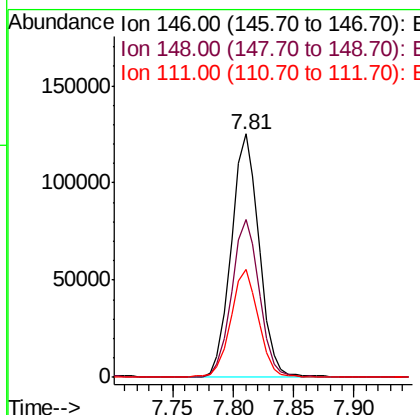
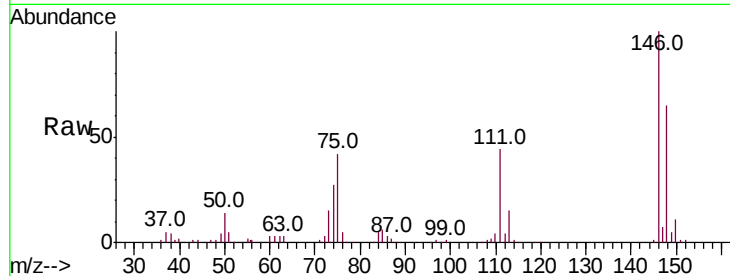




#13
 1,4-Dichlorobenzene
 Concen: 38.082 ng
 RT: 7.81 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

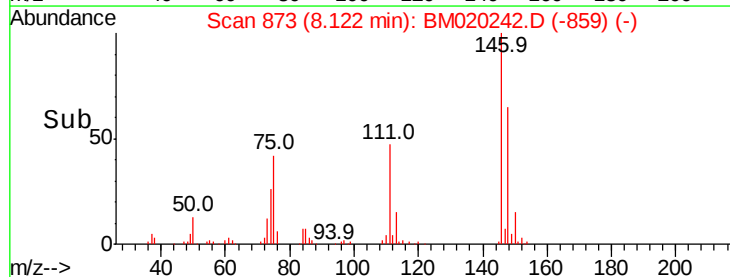
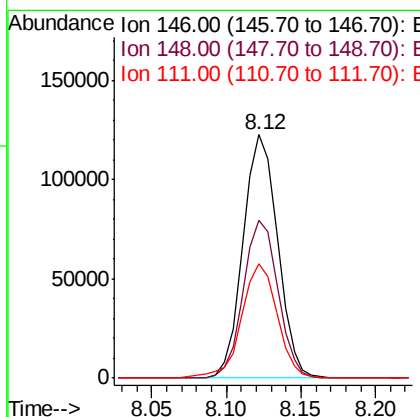
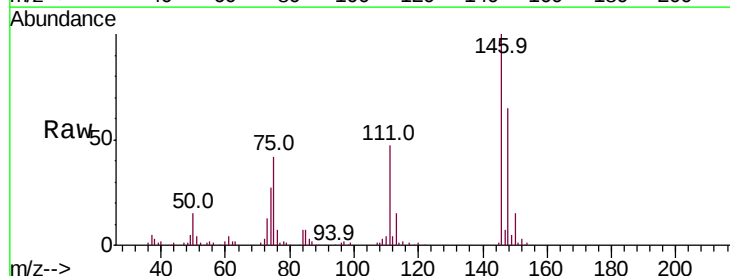
Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

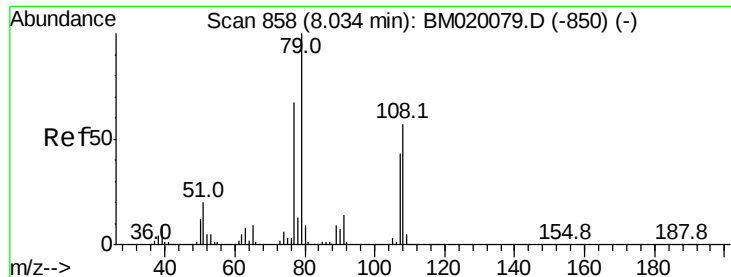
Tot Ion:146 Resp: 202012
 Ion Ratio Lower Upper
 146 100
 148 64.8 48.5 72.7
 111 44.2 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 38.972 ng
 RT: 8.12 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion:146 Resp: 196960
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.6 79.0
 111 47.1 39.0 58.4





#15

Benzyl Alcohol

Concen: 42.784 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

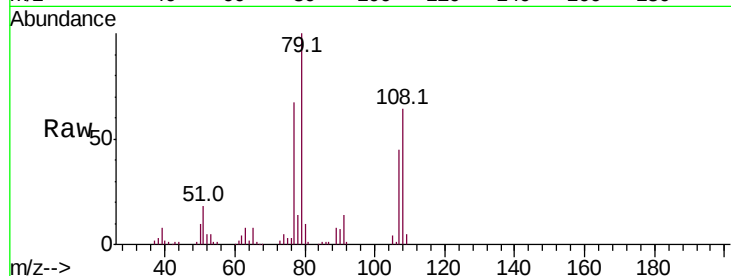
Tot Ion: 79 Resp: 233611

Ion Ratio Lower Upper

79 100

108 64.3 46.0 69.0

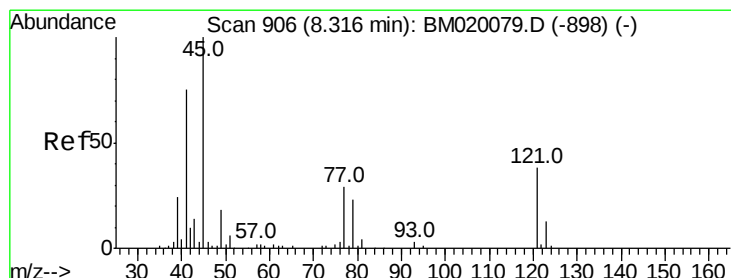
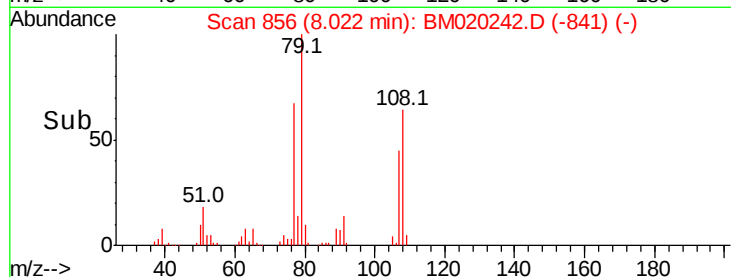
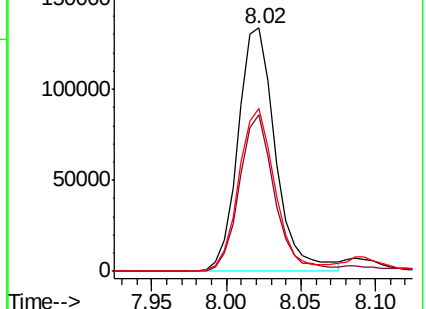
77 67.2 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020079.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-850) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.880 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

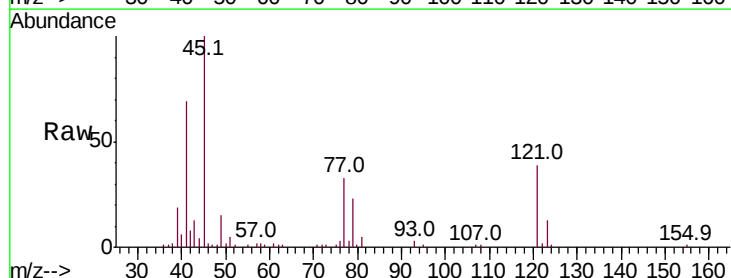
Tgt Ion: 45 Resp: 150189

Ion Ratio Lower Upper

45 100

77 32.6 10.5 50.5

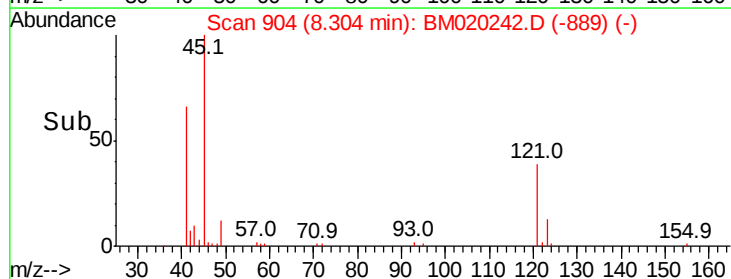
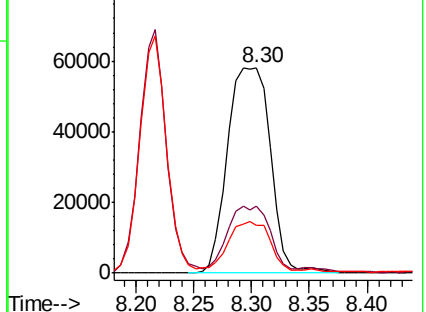
79 23.4 3.3 43.3

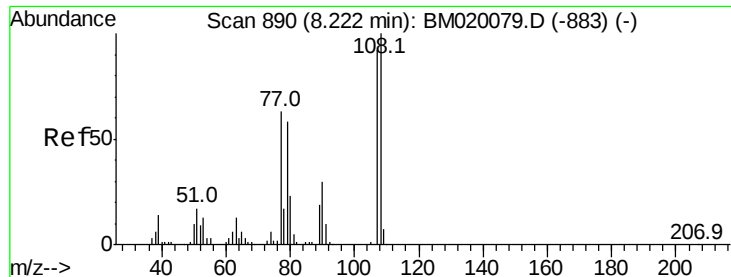


Abundance Ion 45.00 (44.70 to 45.70): BM020079.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020079.D (-898) (-)

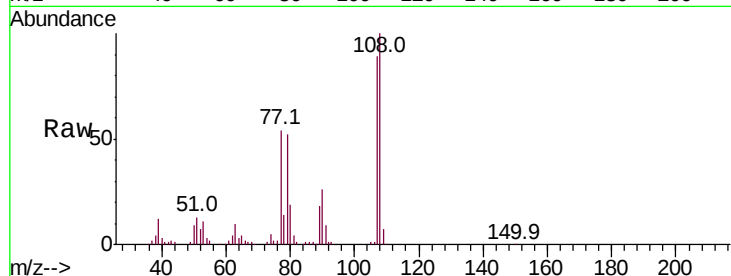




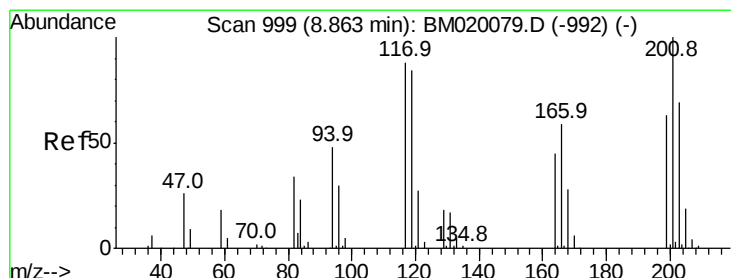
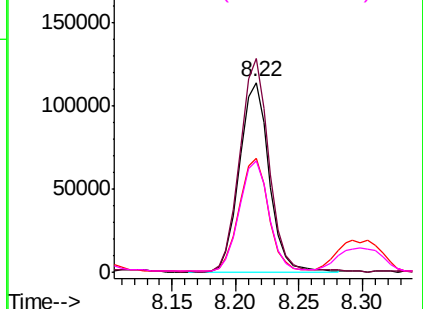
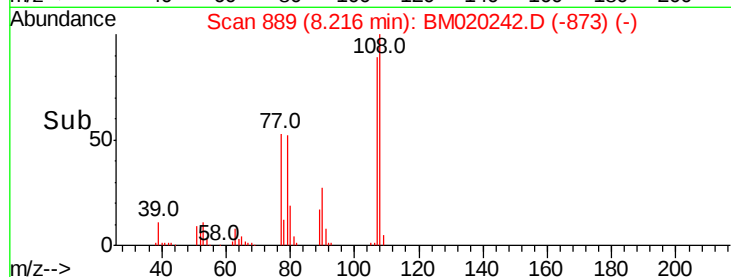
#17
2-Methylphenol
Concen: 47.573 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:107 Resp: 186683
Ion Ratio Lower Upper
107 100
108 112.5 87.0 130.4
77 60.3 54.7 82.1
79 58.9 50.1 75.1

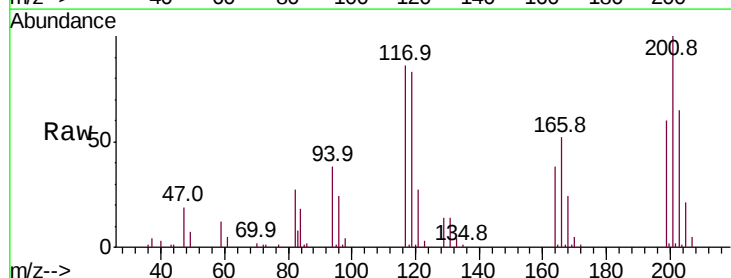


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

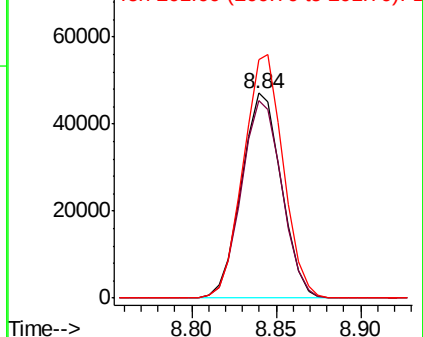
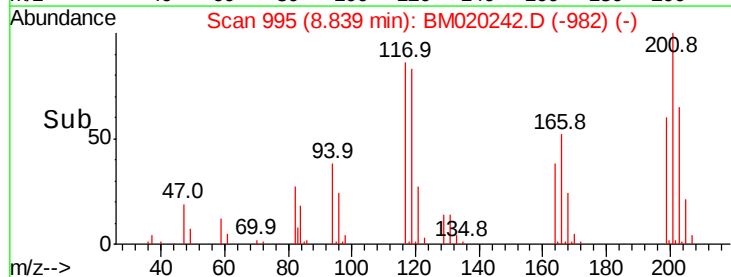


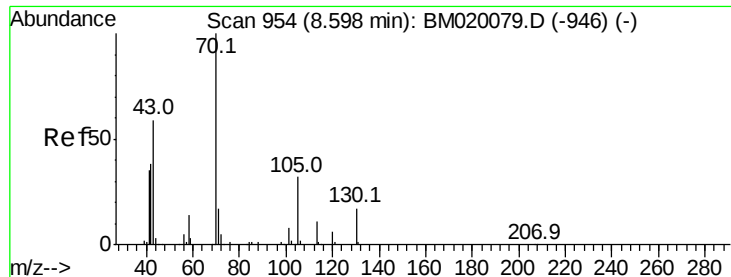
#18
Hexachloroethane
Concen: 35.075 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:117 Resp: 77580
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8
201 118.8 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

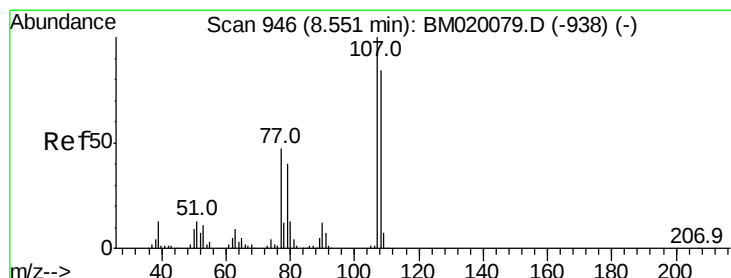
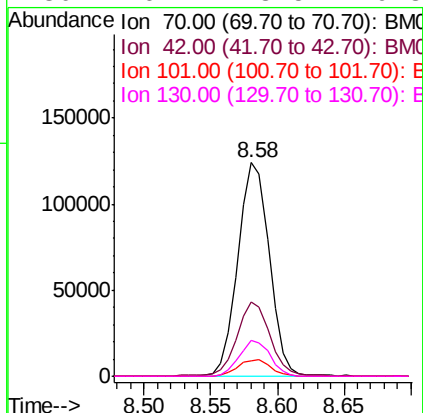
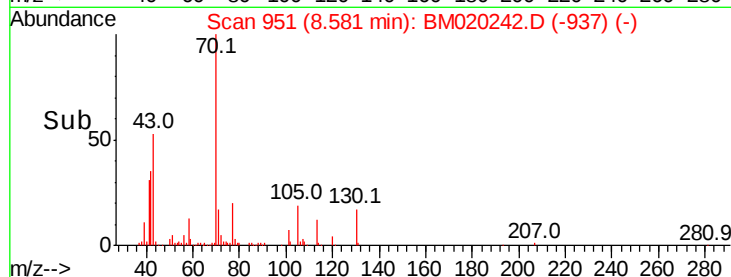
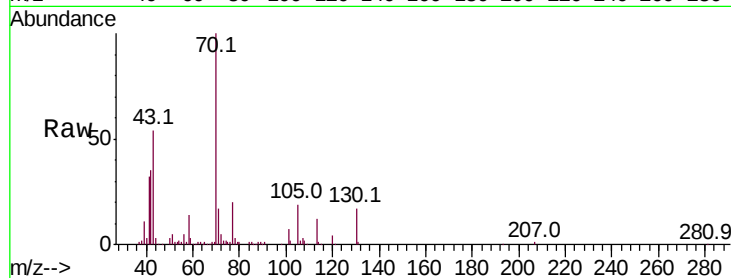




#19
n-Nitroso-di-n-propylamine
Concen: 41.924 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

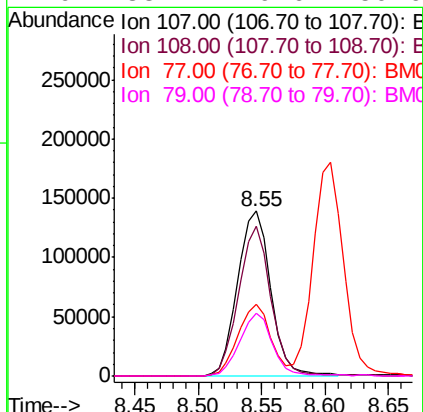
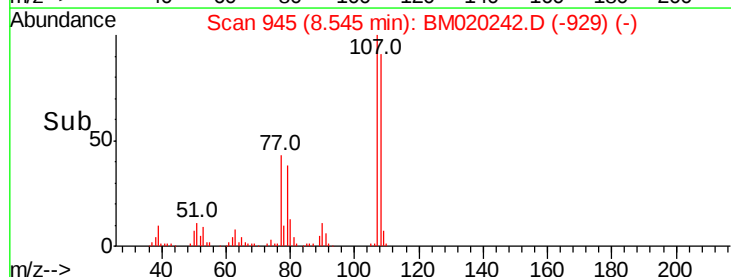
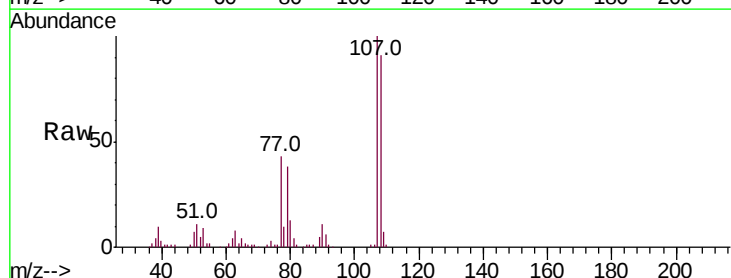
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

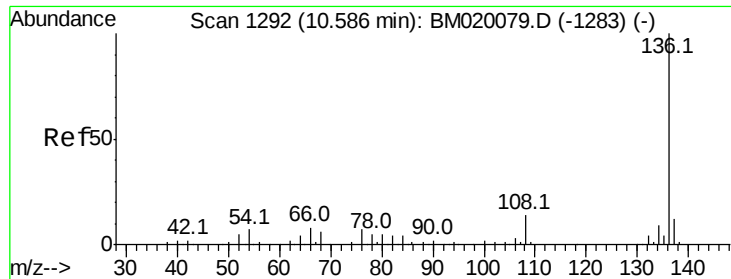
Tot Ion:	70	Resp:	203104
Ion	Ratio	Lower	Upper
70	100		
42	34.9	31.0	46.4
101	7.5	6.2	9.2
130	16.7	13.5	20.3



#20
3+4-Methylphenols
Concen: 48.733 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:	107	Resp:	254165
Ion	Ratio	Lower	Upper
107	100		
108	90.7	64.4	104.4
77	43.4	27.2	67.2
79	38.4	19.6	59.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

Tot Ion:136 Resp: 299265

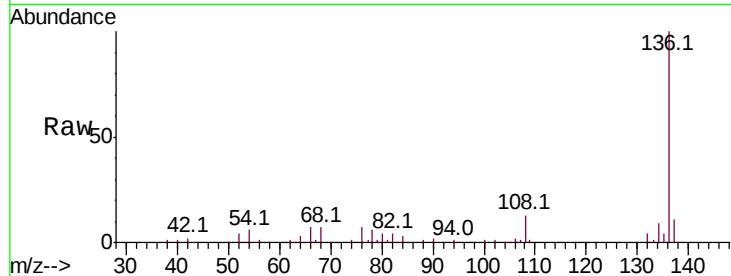
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 6.4 5.5 8.3

68 6.5 4.6 6.8

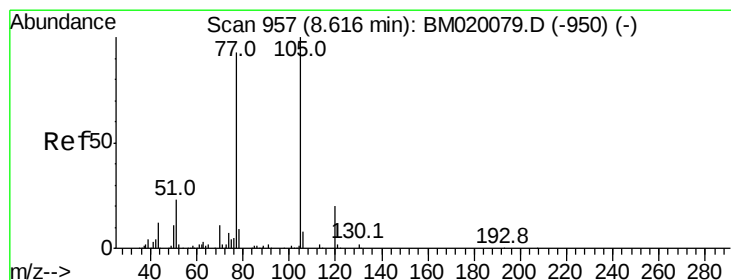
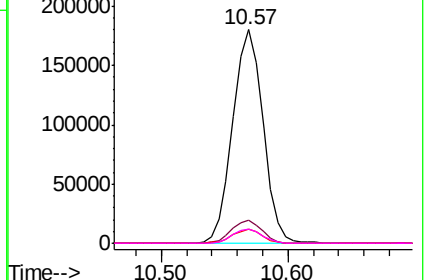
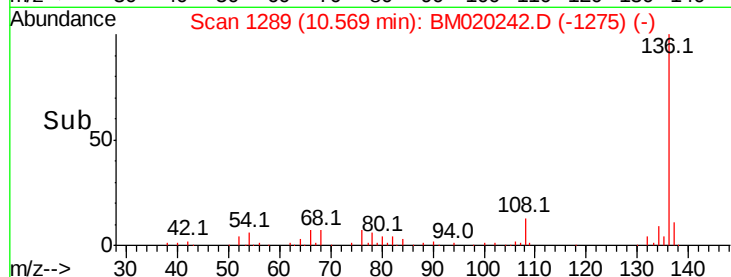


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 39.559 ng

RT: 8.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:105 Resp: 323554

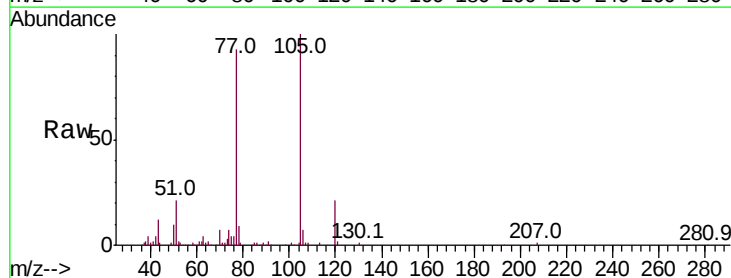
Ion Ratio Lower Upper

105 100

71 1.3 2.2 3.2#

51 21.4 19.3 28.9

120 21.3 16.2 24.4

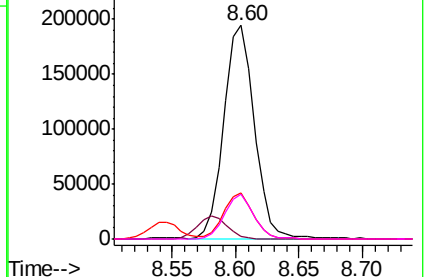
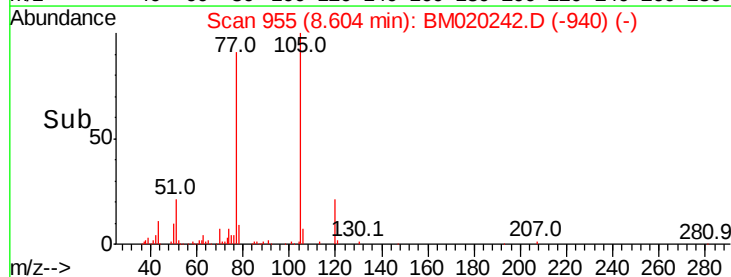


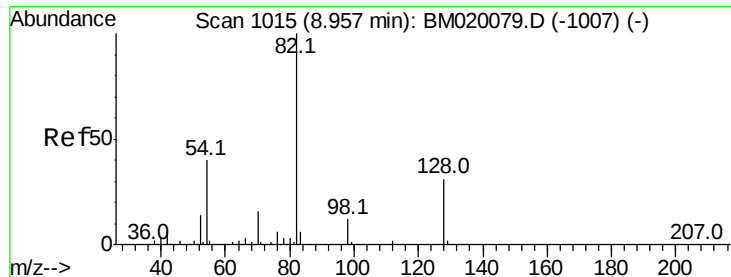
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

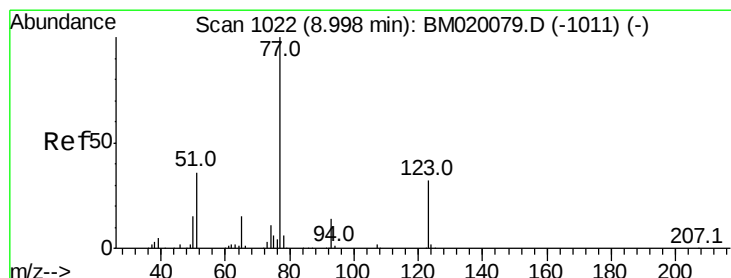
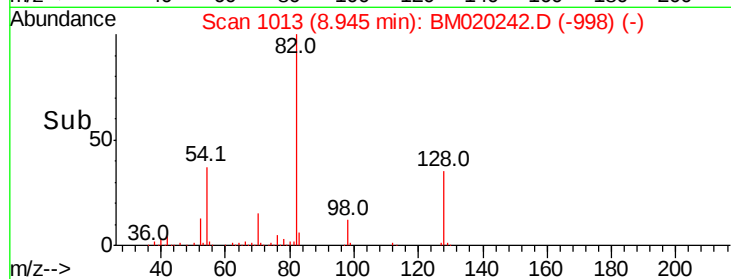
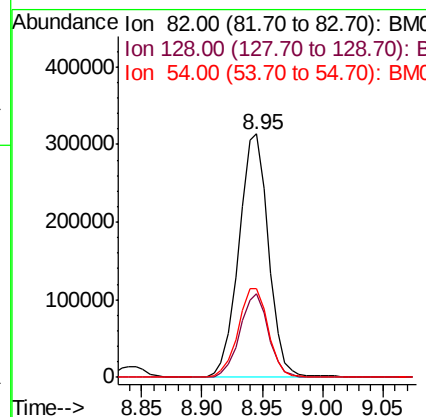
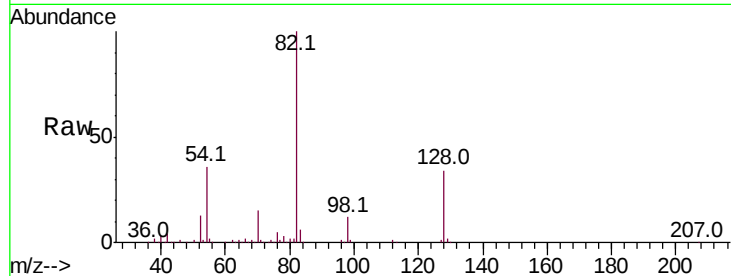




#23
Nitrobenzene-d5
Concen: 71.117 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

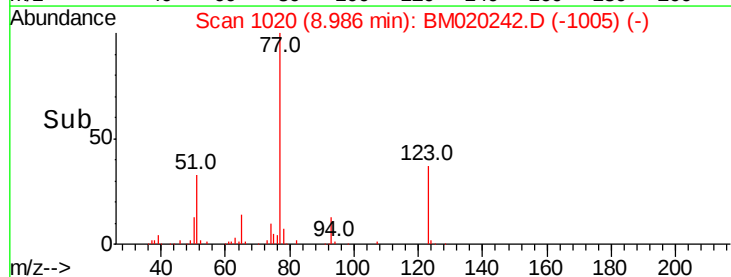
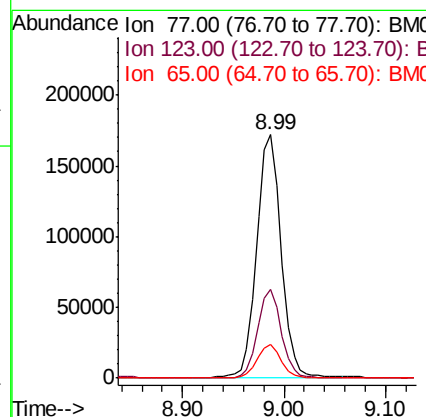
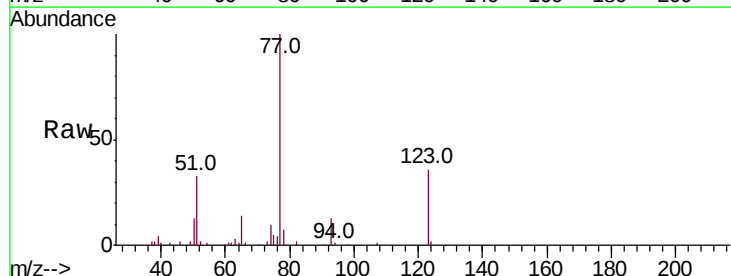
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

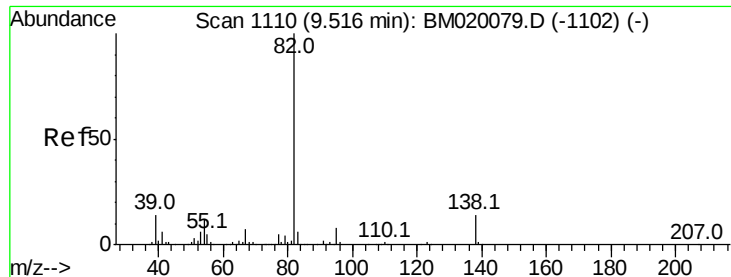
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	25.2	37.8
54	36.4	31.9	47.9



#24
Nitrobenzene
Concen: 36.878 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.5	25.5	38.3
65	13.8	11.8	17.6





#25

Isophorone

Concen: 40.769 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

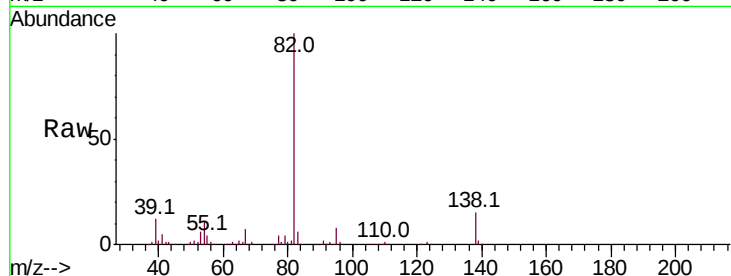
Tot Ion: 82 Resp: 532922

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

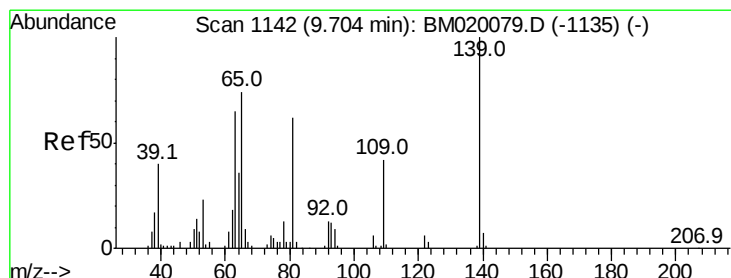
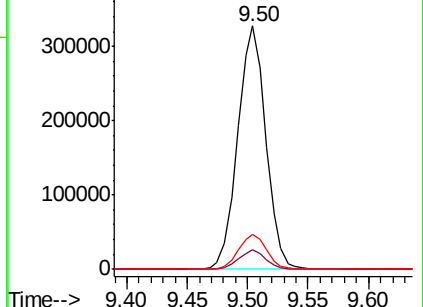
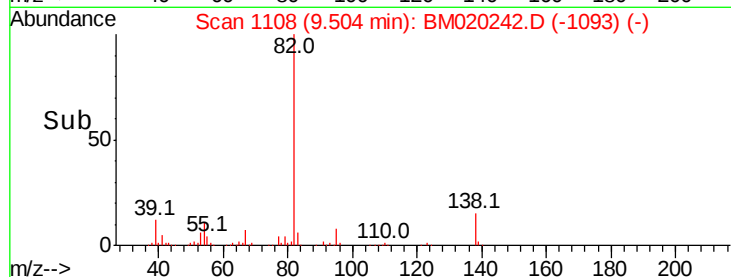
138 14.6 11.1 16.7



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: 46.745 ng

RT: 9.69 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

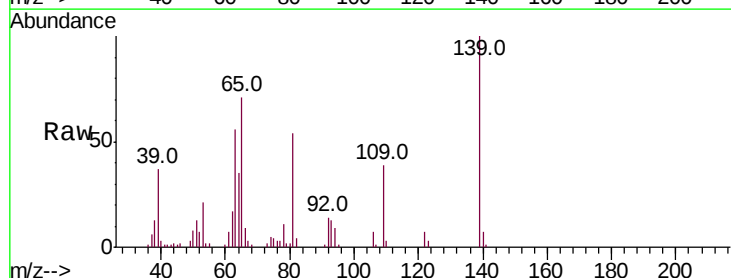
Tgt Ion: 139 Resp: 110914

Ion Ratio Lower Upper

139 100

109 38.6 33.7 50.5

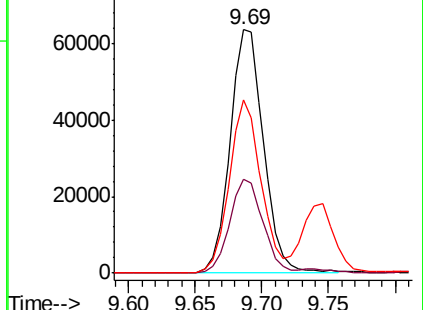
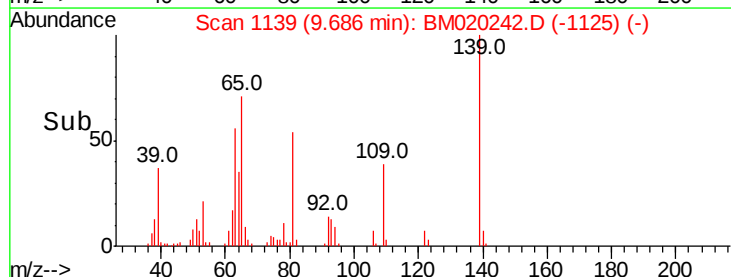
65 71.0 59.5 89.3

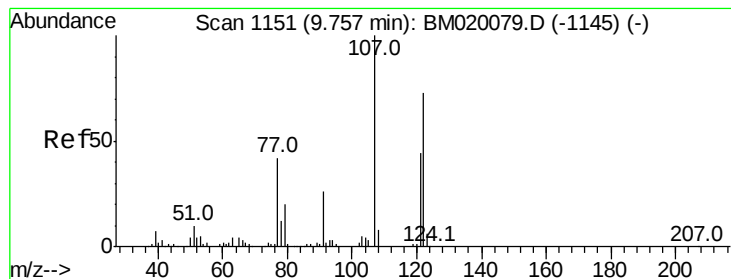


Abundance Ion 139.00 (138.70 to 139.70): BM020079.D (-1135) (-)

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: 48.508 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

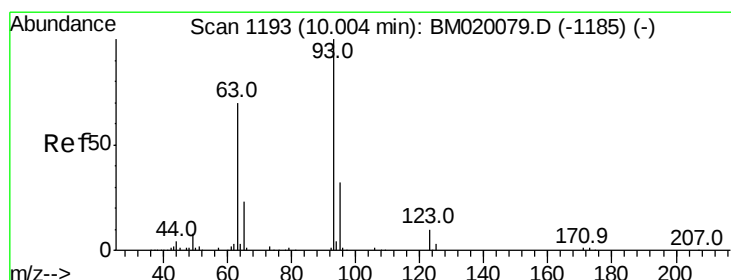
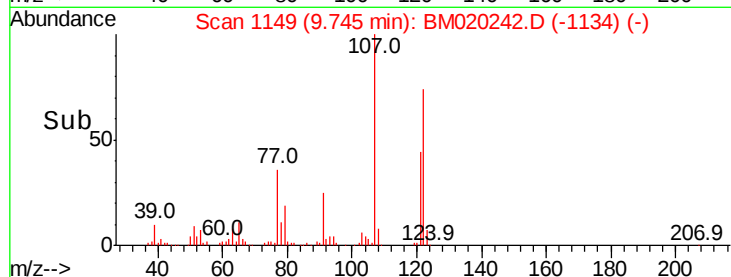
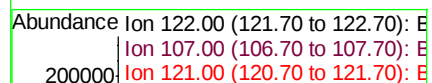
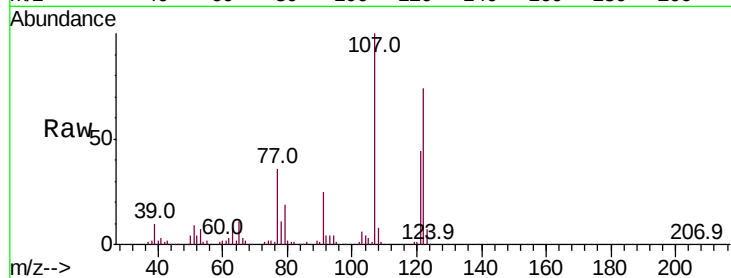
Tot Ion:122 Resp: 191617

Ion Ratio Lower Upper

122 100

107 135.3 108.6 162.8

121 60.0 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.742 ng

RT: 9.99 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

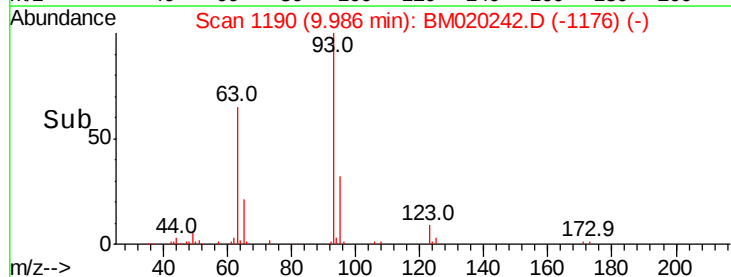
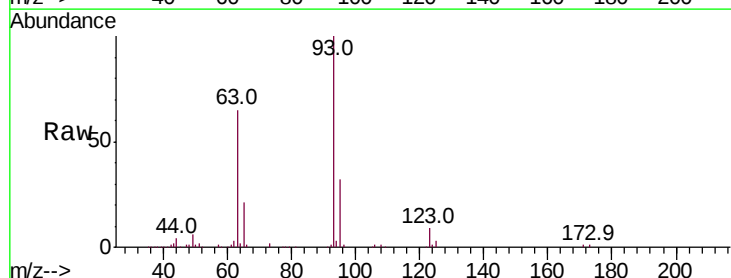
Tgt Ion: 93 Resp: 282938

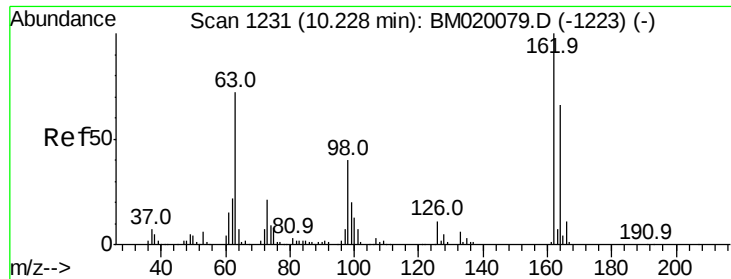
Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

123 9.4 7.6 11.4

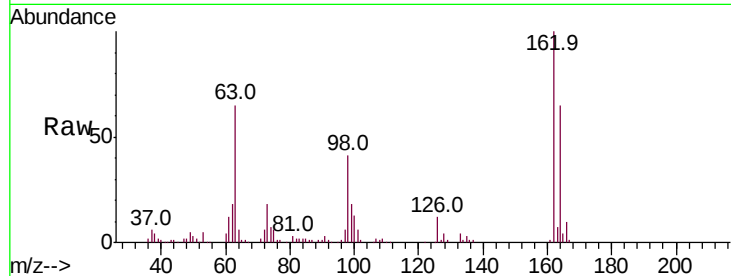




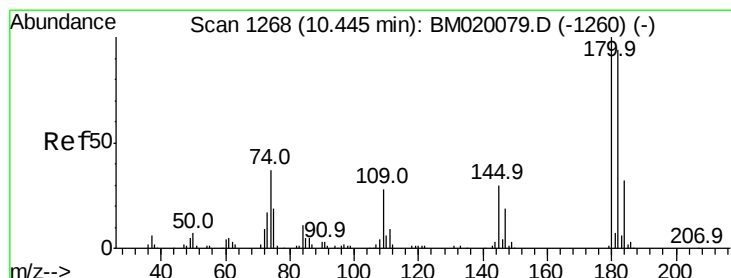
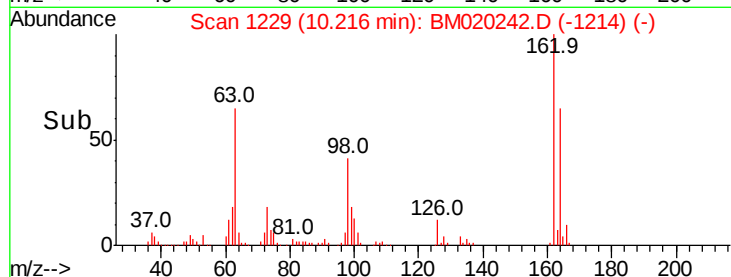
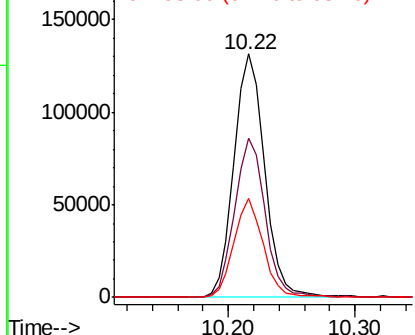
#29
2,4-Dichlorophenol
Concen: 44.249 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:162 Resp: 220411
Ion Ratio Lower Upper
162 100
164 65.3 45.6 85.6
98 40.6 20.4 60.4

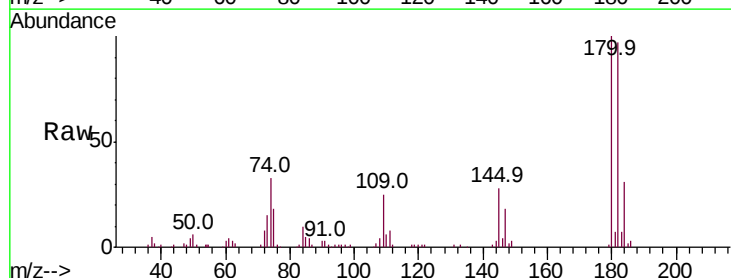


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

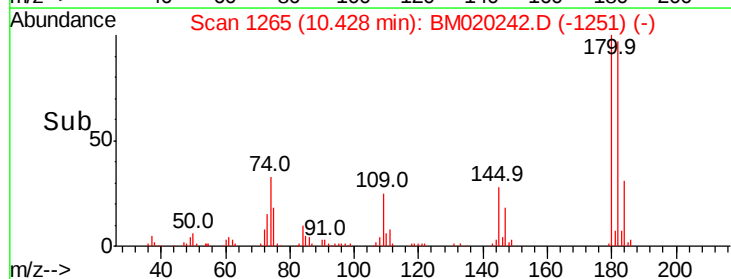
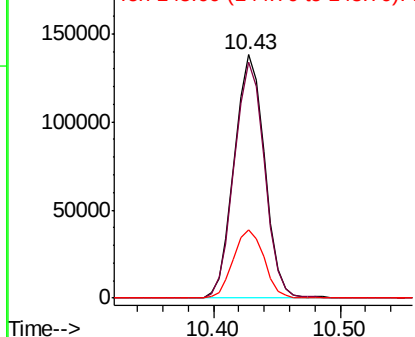


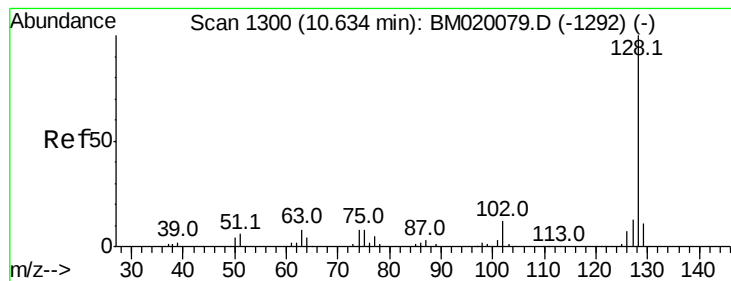
#30
1,2,4-Trichlorobenzene
Concen: 37.458 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:180 Resp: 229580
Ion Ratio Lower Upper
180 100
182 96.7 75.4 113.0
145 28.0 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: 38.596 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

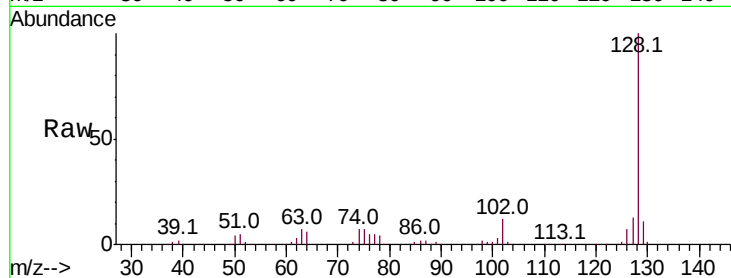
Tot Ion:128 Resp: 599391

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

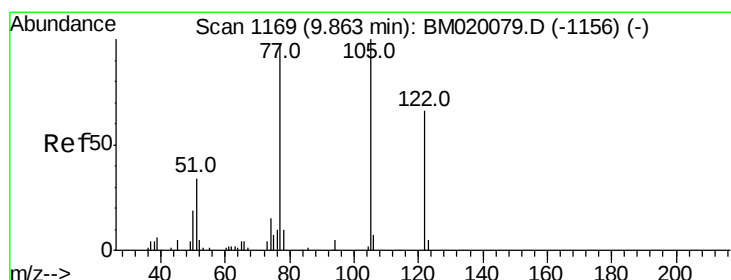
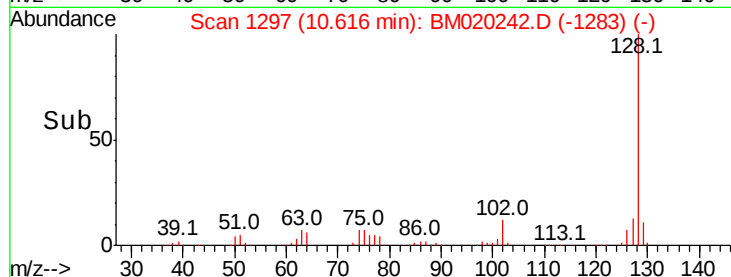
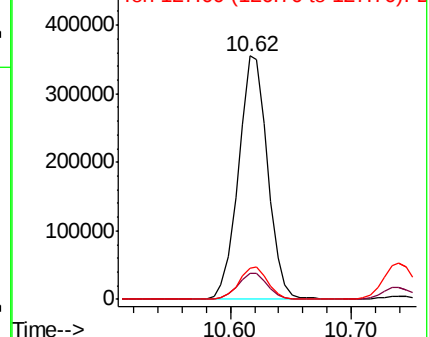
127 12.9 10.4 15.6



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: 19.119 ng

RT: 9.85 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

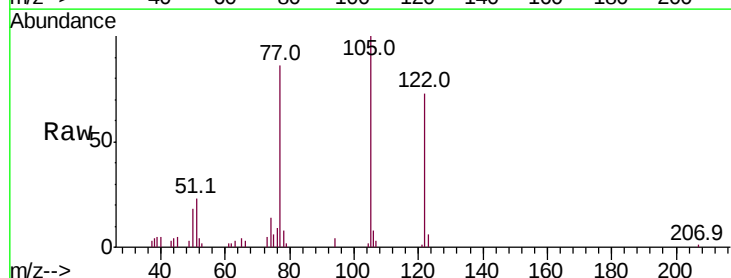
Tgt Ion:122 Resp: 40771

Ion Ratio Lower Upper

122 100

105 137.4 122.5 162.5

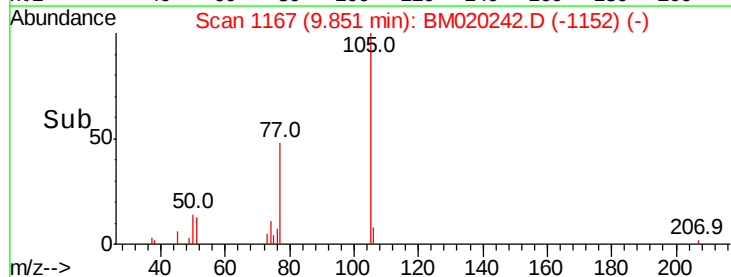
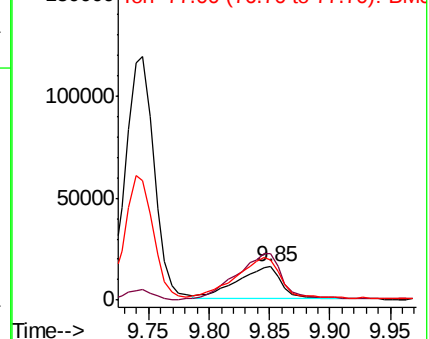
77 118.5 123.3 163.3#

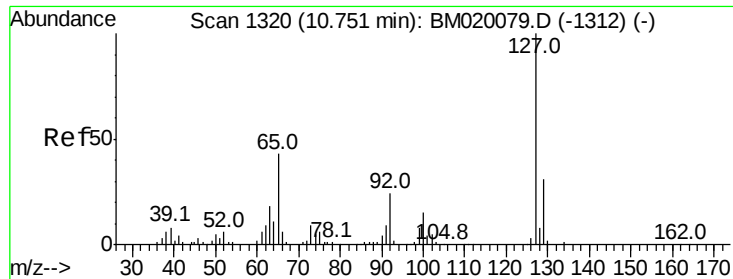


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

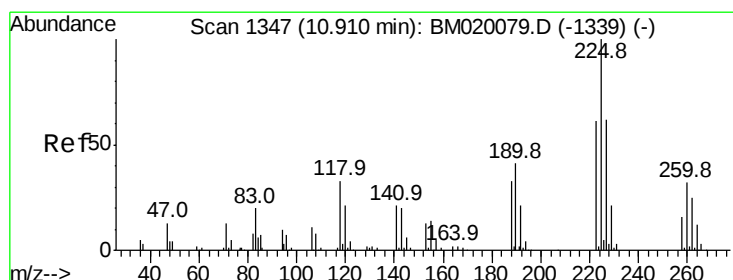
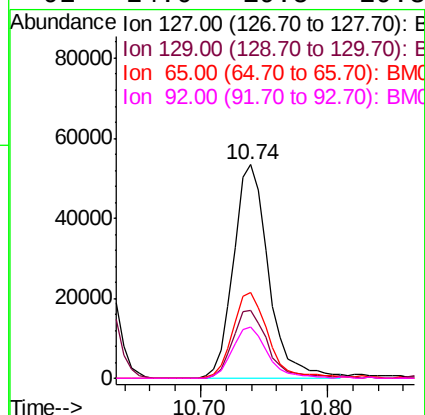
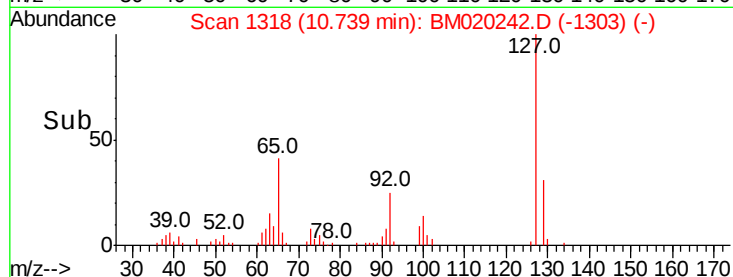
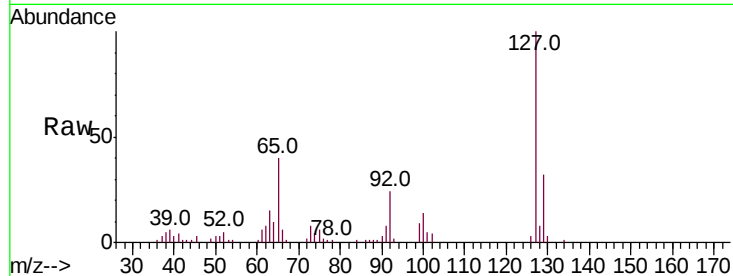




#33
4-Chloroaniline
Concen: 16.010 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

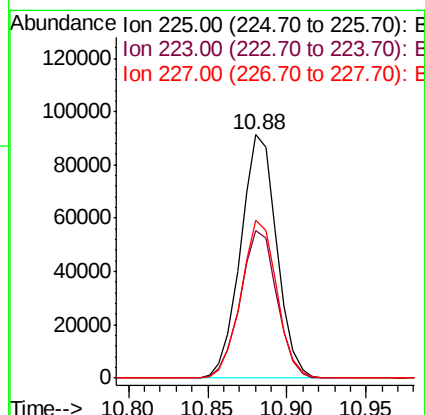
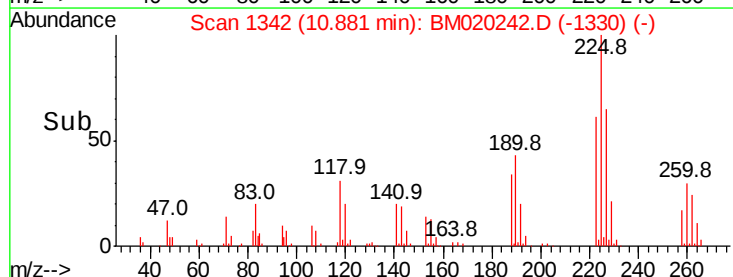
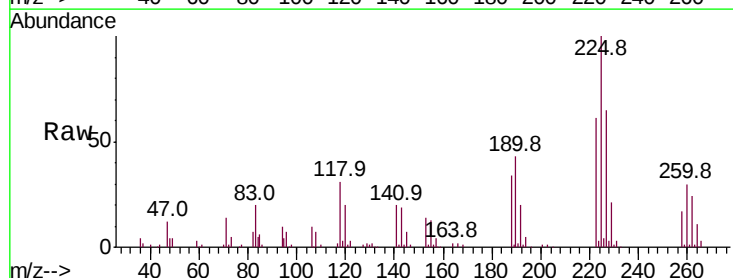
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

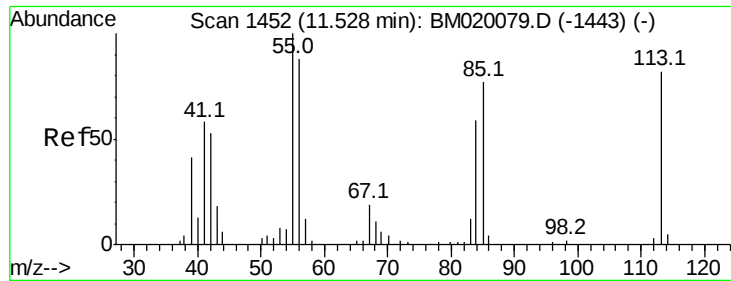
Tot Ion:	127	Resp:	102333
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.7	37.1
65	40.2	34.6	52.0
92	24.0	19.5	29.3



#34
Hexachlorobutadiene
Concen: 33.212 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:	225	Resp:	144000
Ion	Ratio	Lower	Upper
225	100		
223	60.7	48.9	73.3
227	64.9	49.6	74.4





#35

Caprolactam

Concen: 26.475 ng

RT: 11.55 min Scan# 1456

Delta R.T. 0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

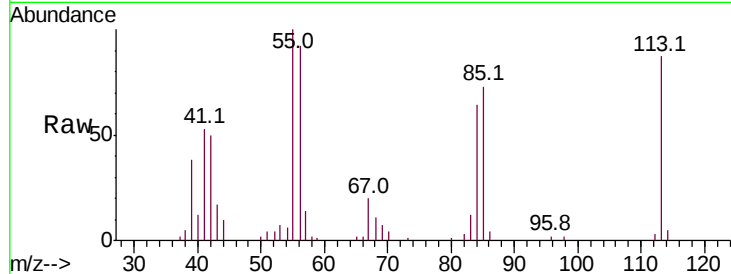
Tot Ion:113 Resp: 39433

Ion Ratio Lower Upper

113 100

55 115.0 102.5 142.5

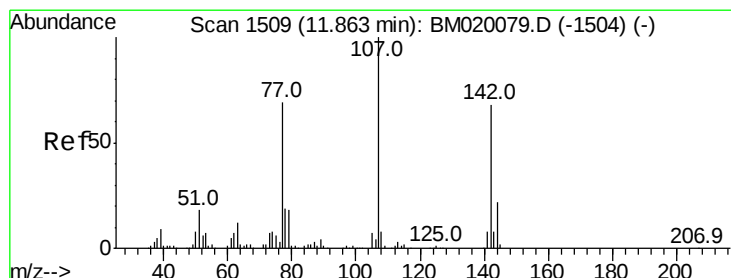
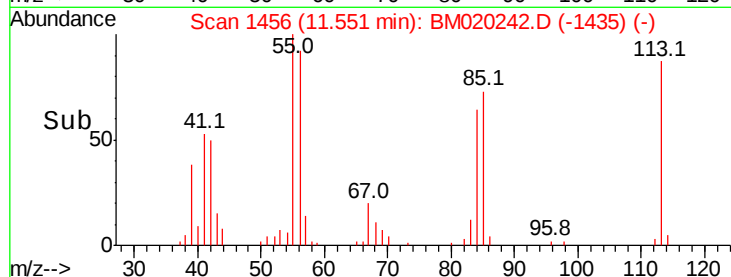
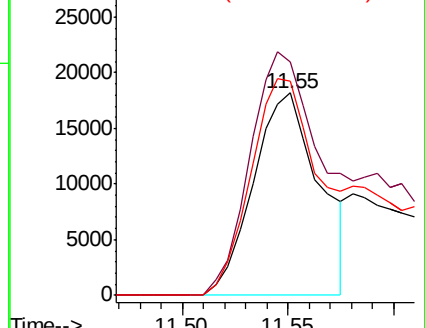
56 105.5 87.7 127.7



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: 43.740 ng

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

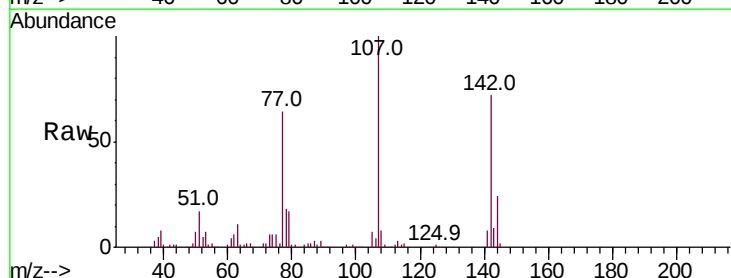
Tgt Ion:107 Resp: 256038

Ion Ratio Lower Upper

107 100

144 24.3 17.6 26.4

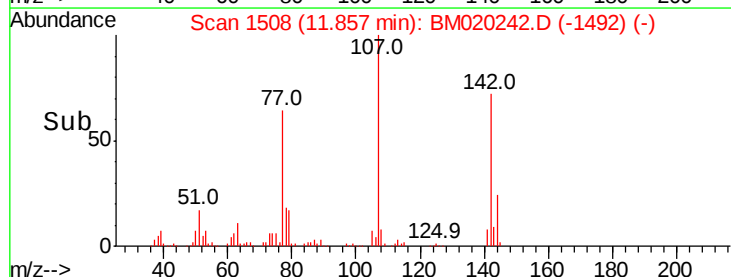
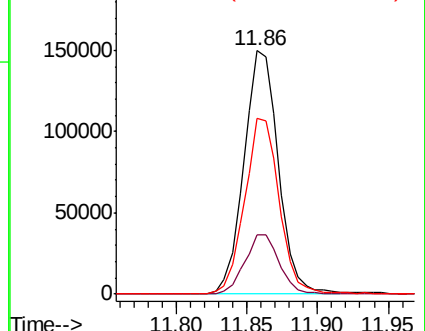
142 72.2 54.6 82.0

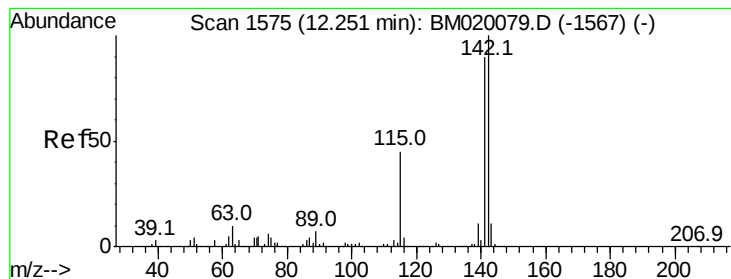


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.851 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

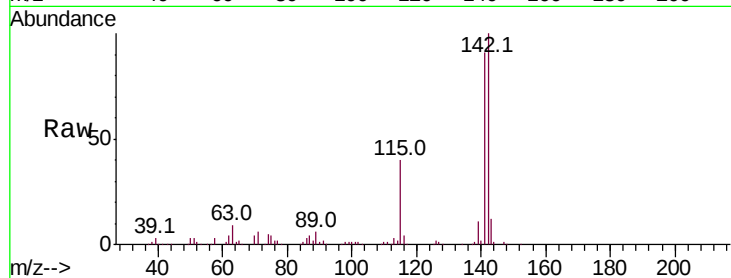
Tot Ion:142 Resp: 473837

Ion Ratio Lower Upper

142 100

141 90.8 71.6 107.4

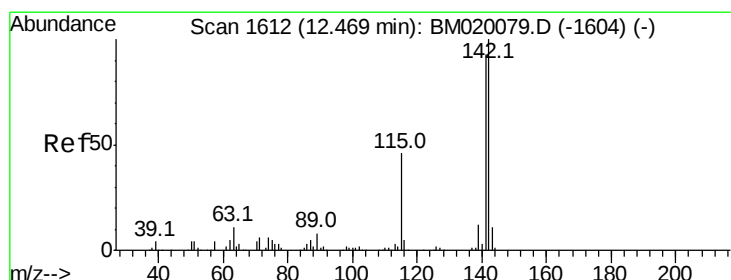
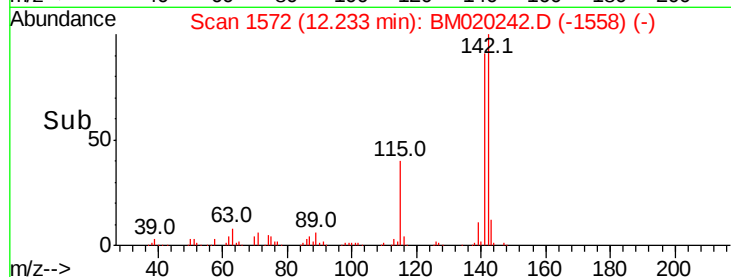
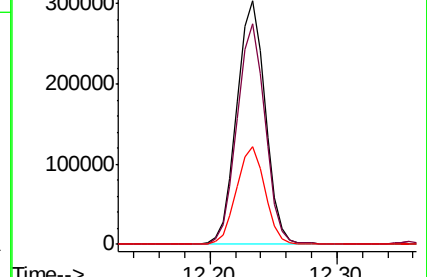
115 40.3 35.8 53.6



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: 41.149 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

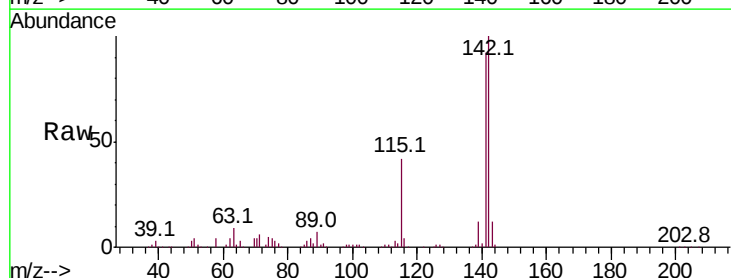
Tgt Ion:142 Resp: 455574

Ion Ratio Lower Upper

142 100

141 92.4 74.8 112.2

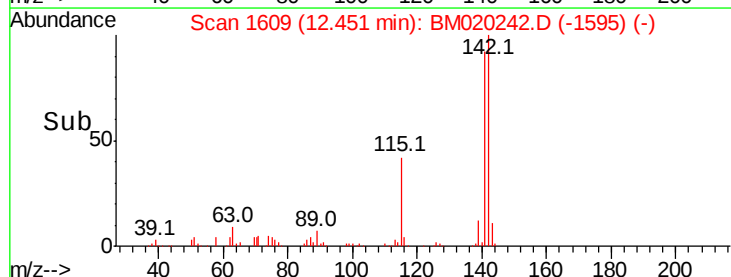
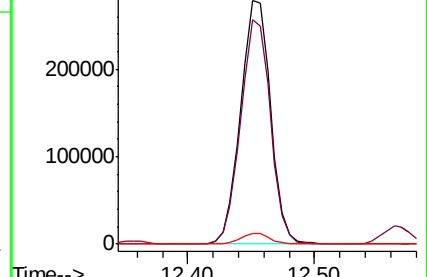
116 4.3 3.9 5.9

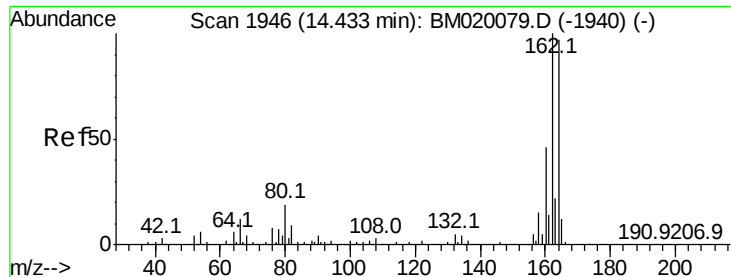


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

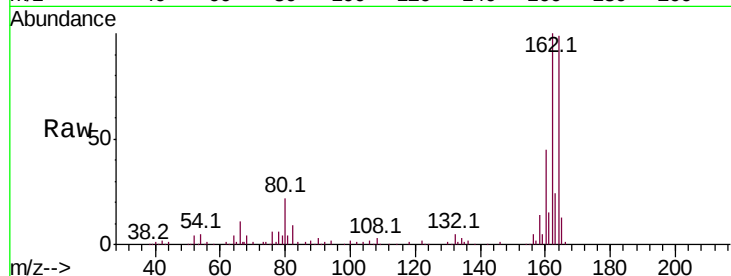
Tot Ion:164 Resp: 208441

Ion Ratio Lower Upper

164 100

162 101.4 82.2 123.2

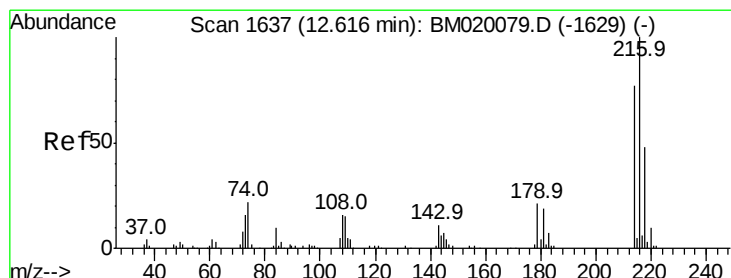
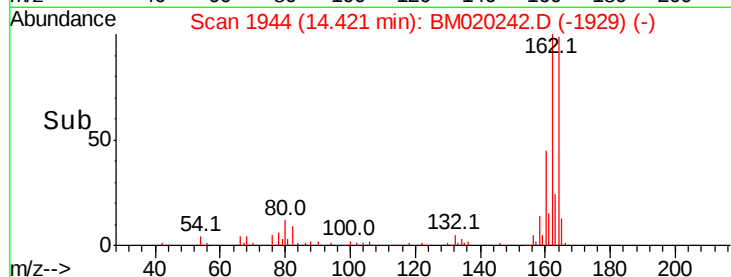
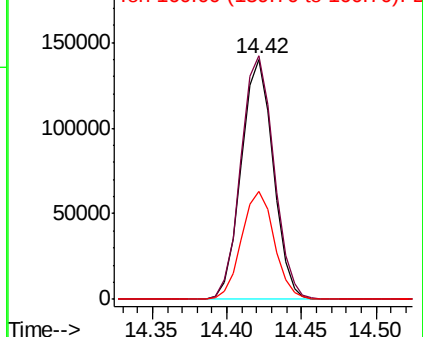
160 45.1 37.6 56.4



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: 35.656 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:216 Resp: 290772

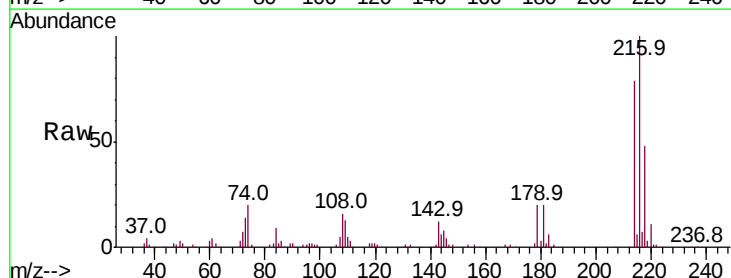
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 19.7 17.1 25.7

108 19.2 15.8 23.6

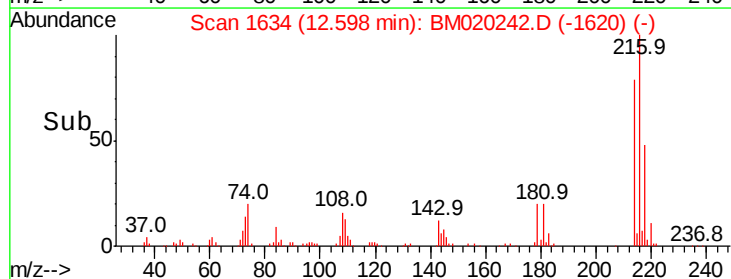
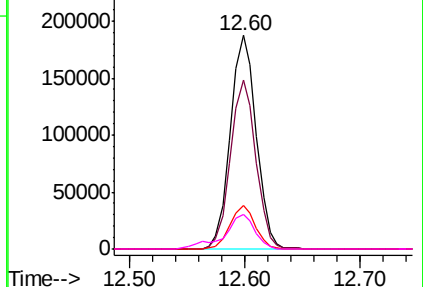


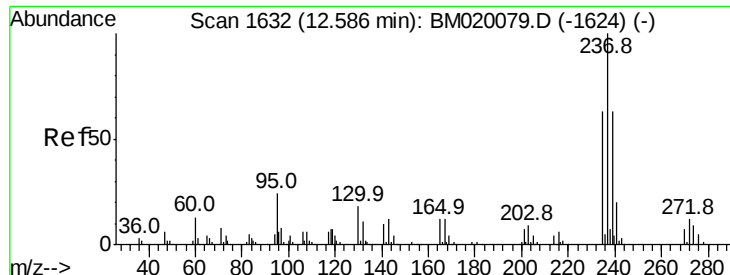
Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.394 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

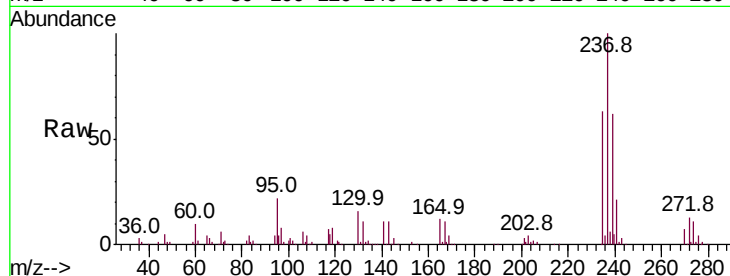
Tot Ion:237 Resp: 280389

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

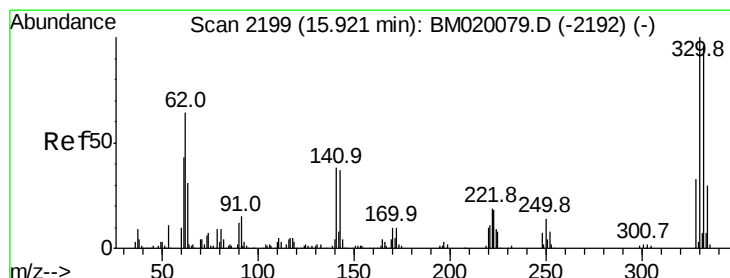
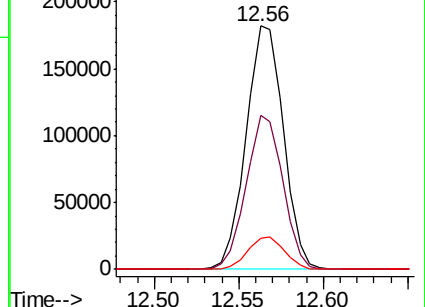
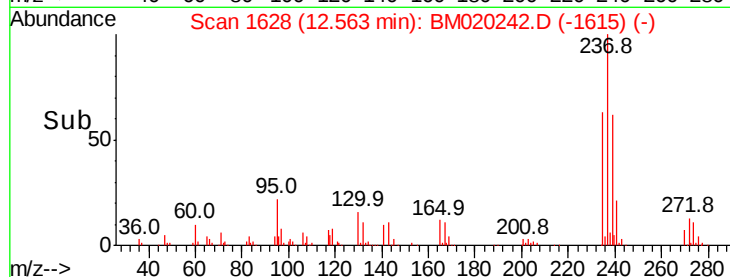
272 12.7 0.0 31.7



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: 129.971 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

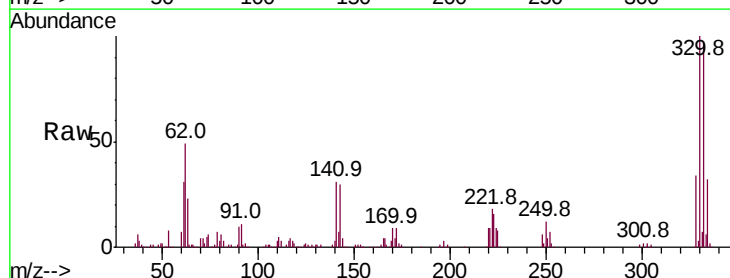
Tgt Ion:330 Resp: 420508

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

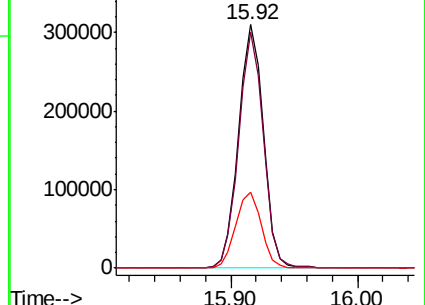
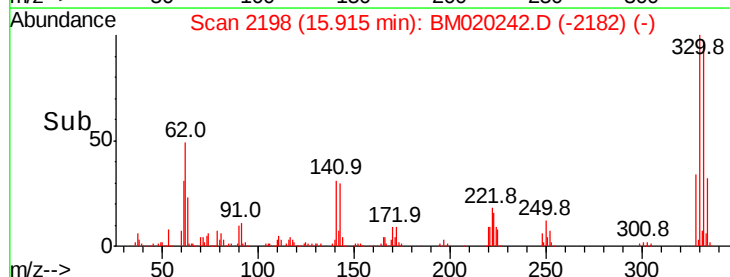
141 32.0 29.2 43.8

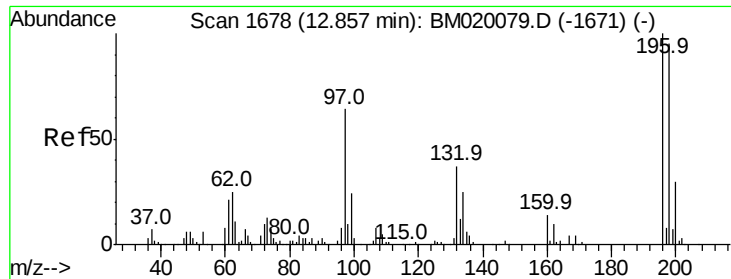


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

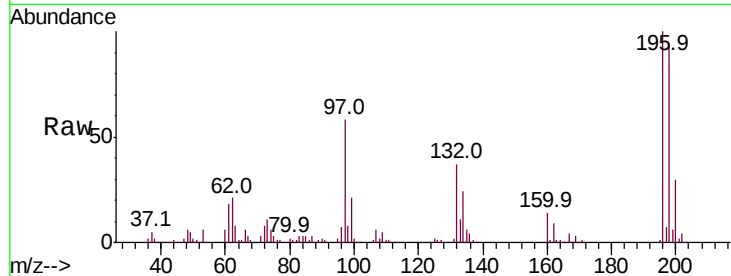




#43
 2,4,6-Trichlorophenol
 Concen: 44.277 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.2	114.2
200	30.0	24.3	36.5

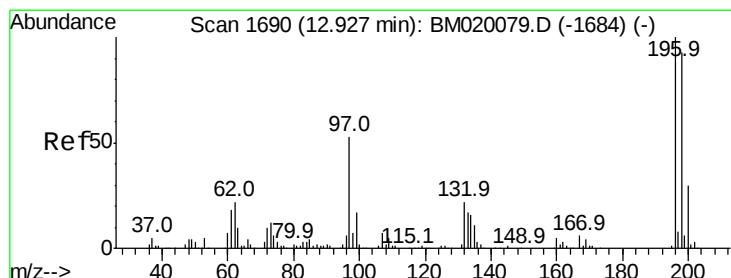
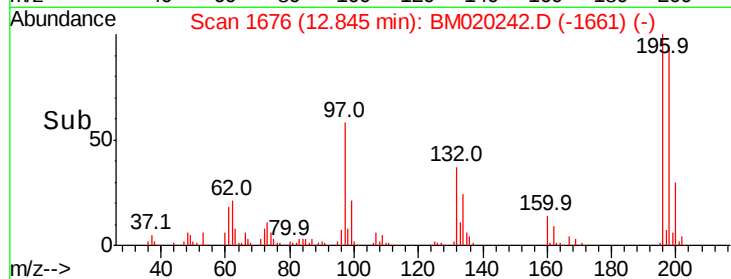
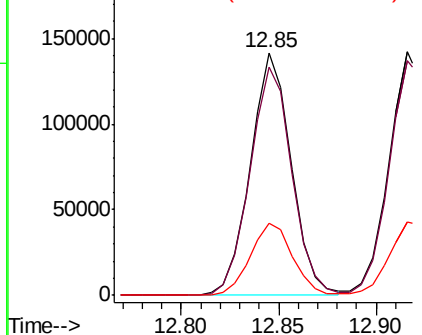


Abundance

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: 42.550 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.7	112.1
97	50.6	42.2	63.4
132	23.0	17.8	26.8

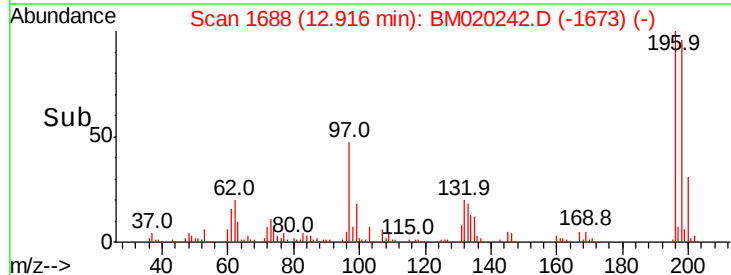
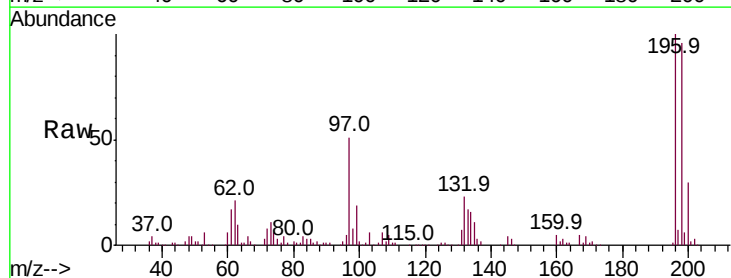
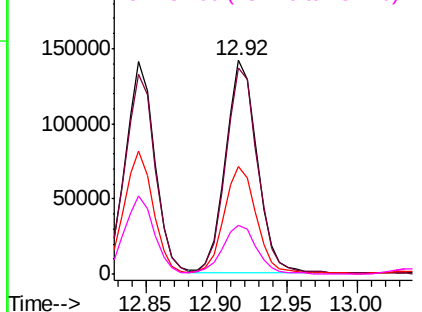
Abundance

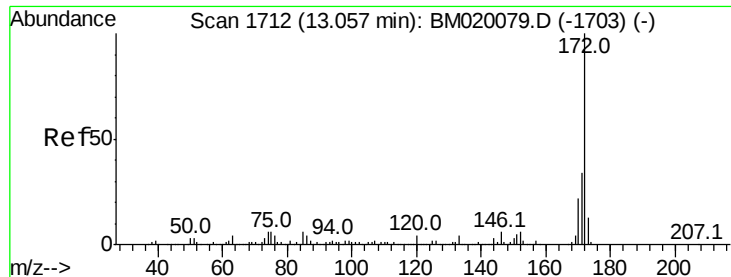
Ion 196.00 (195.70 to 196.70): E

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



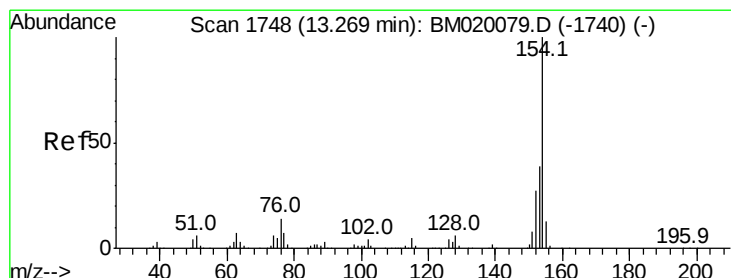
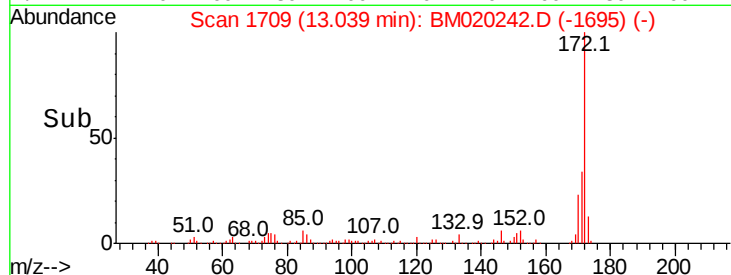
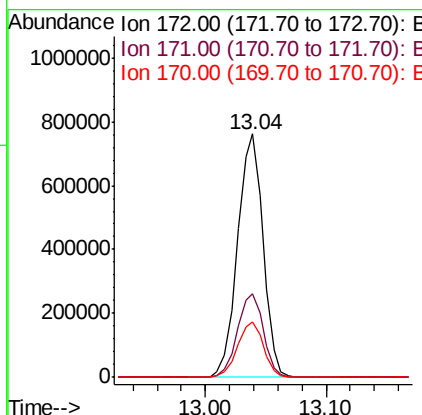
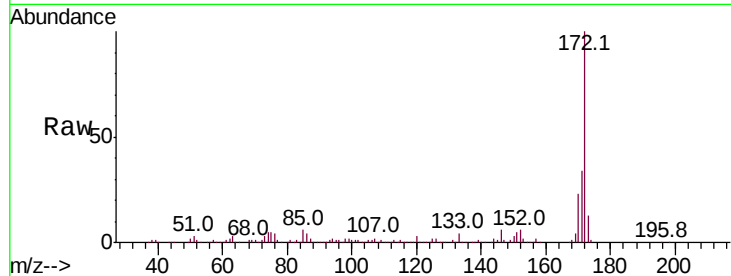


#45
2-Fluorobiphenyl
Concen: 66.349 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:172 Resp: 1124052

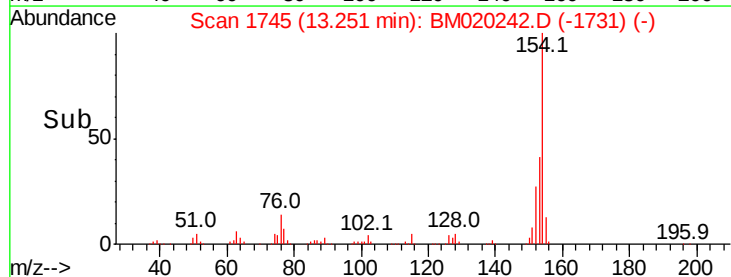
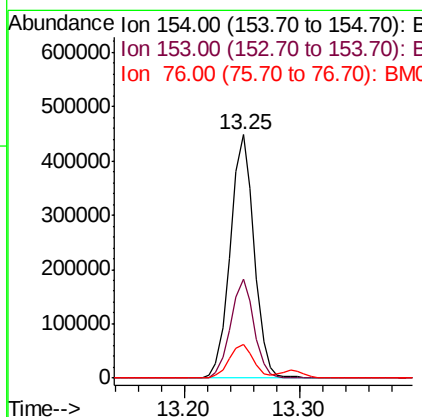
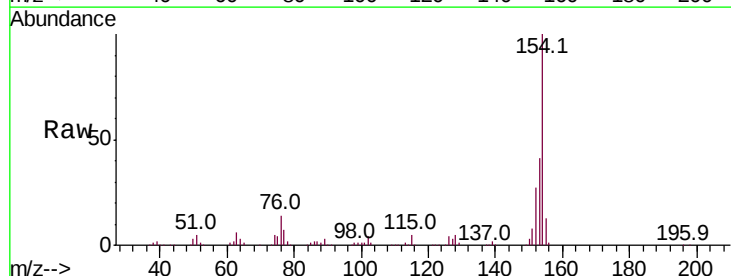
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.3	40.9
170	22.6	17.9	26.9

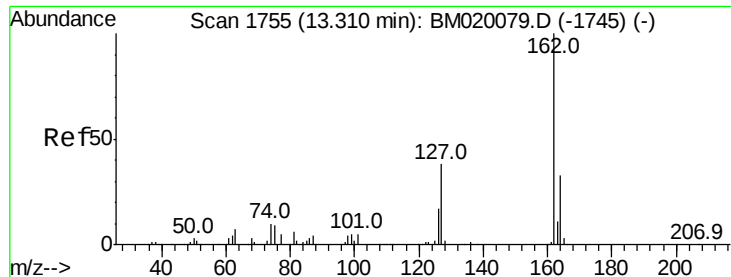


#46
1,1'-Biphenyl
Concen: 37.272 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:154 Resp: 639461

Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.4	59.4
76	14.0	0.0	34.5

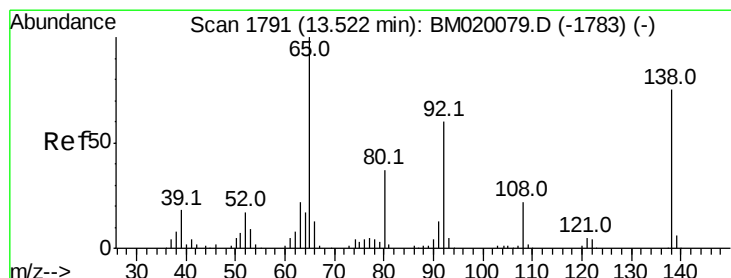
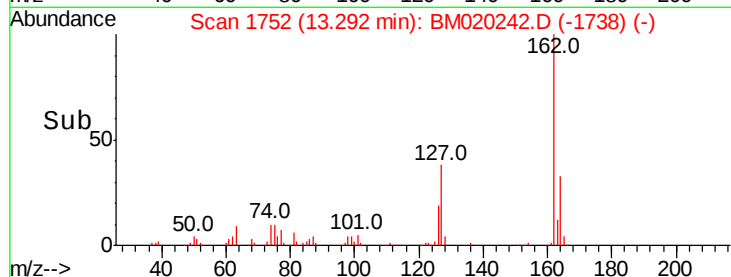
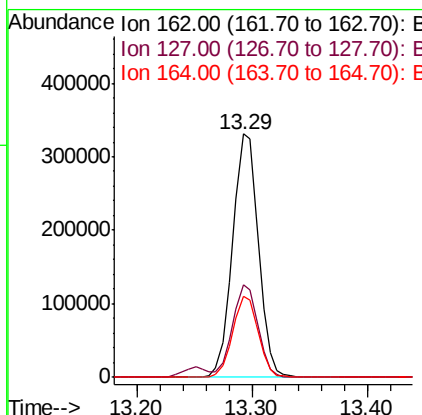
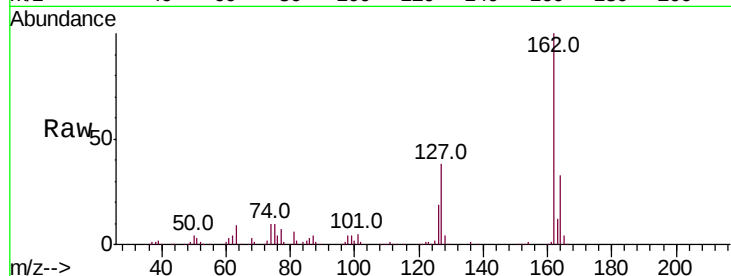




#47
2-Chloronaphthalene
Concen: 37.457 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

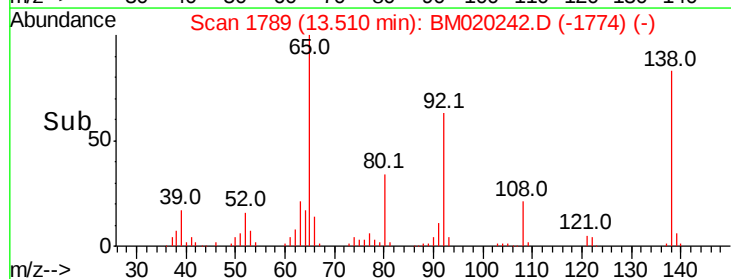
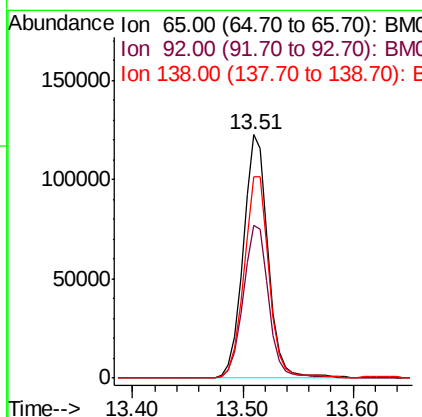
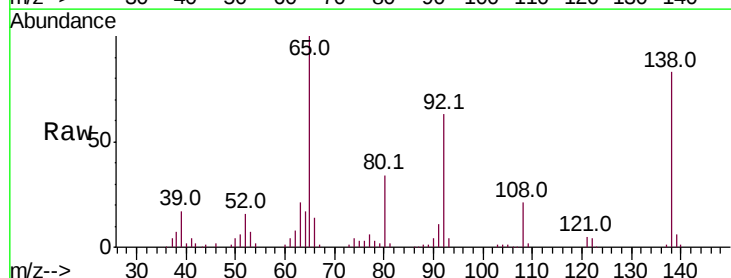
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

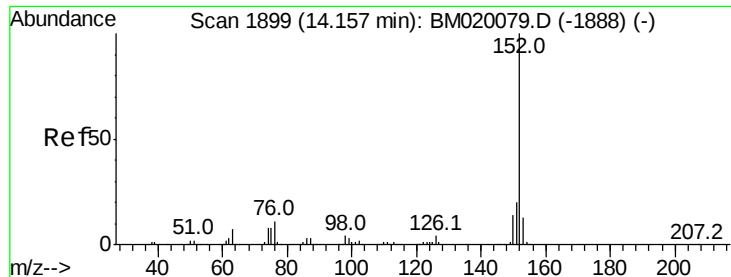
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.0	46.4
164	33.4	26.2	39.2



#48
2-Nitroaniline
Concen: 39.727 ng
RT: 13.51 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.9	48.2	72.4
138	82.5	60.3	90.5





#49

Acenaphthylene

Concen: 37.502 ng

RT: 14.14 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

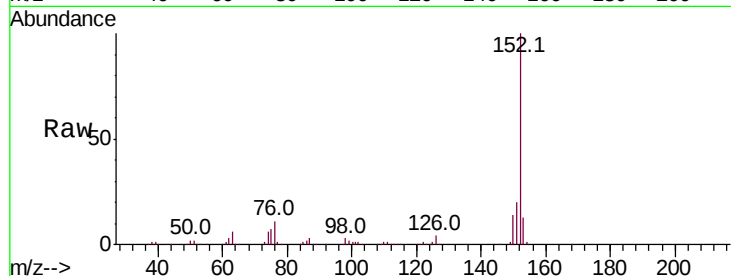
Tot Ion:152 Resp: 822150

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

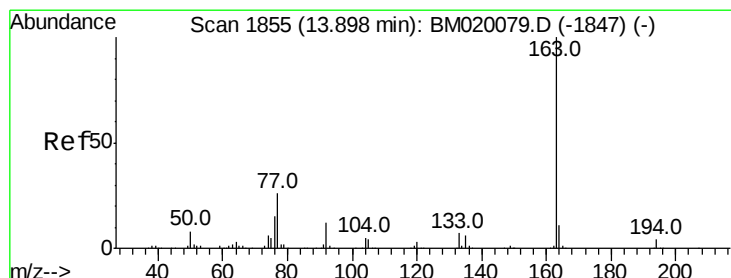
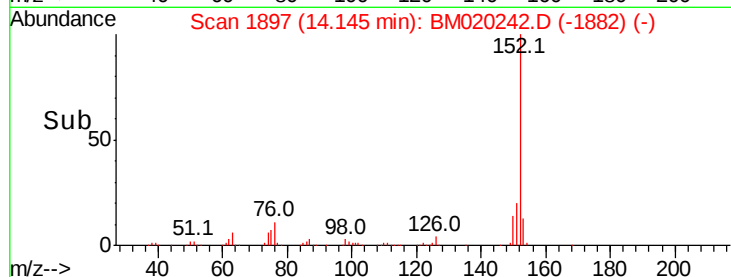
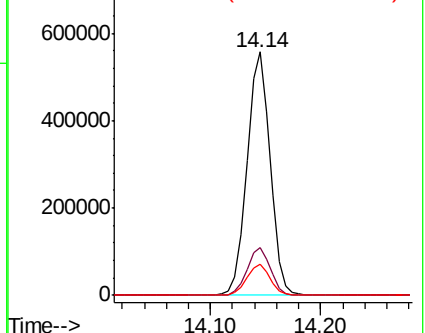
153 12.7 10.6 16.0



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: 44.987 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

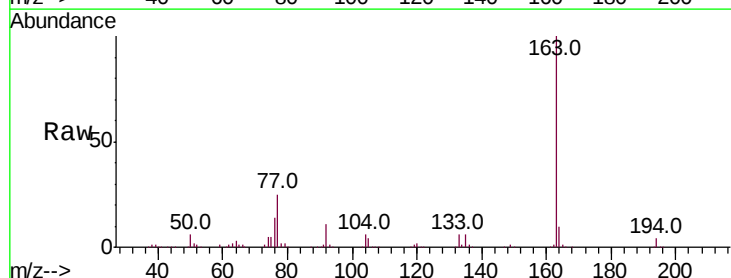
Tgt Ion:163 Resp: 796983

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

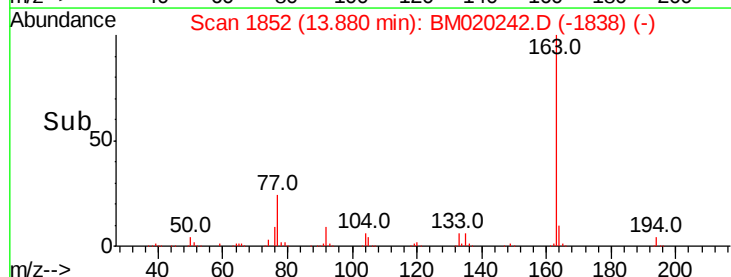
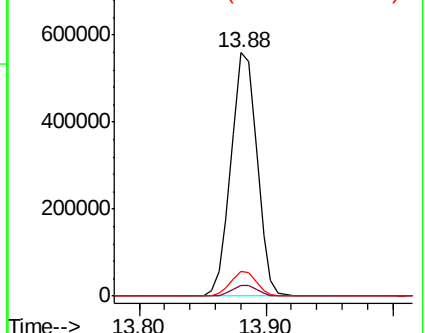
164 10.2 8.4 12.6

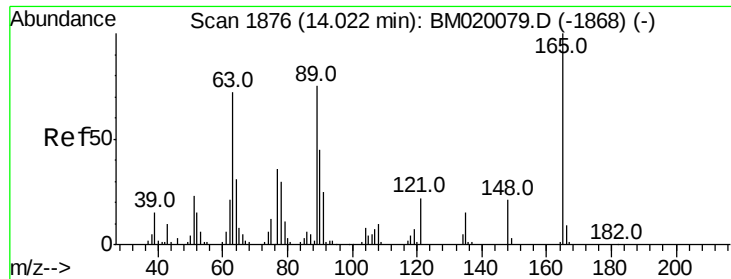


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.218 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

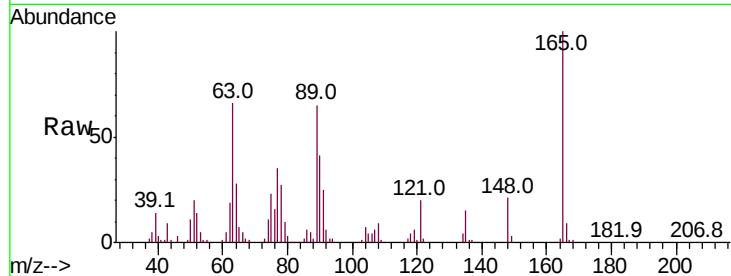
Tot Ion:165 Resp: 153798

Ion Ratio Lower Upper

165 100

63 65.8 60.3 90.5

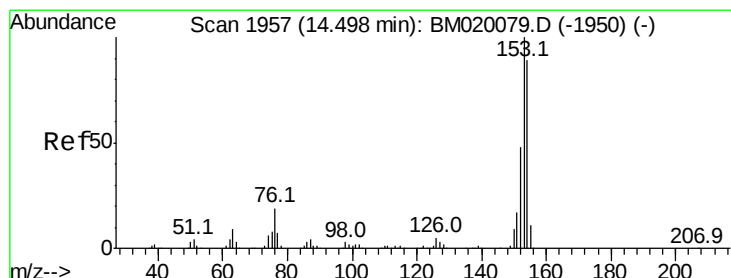
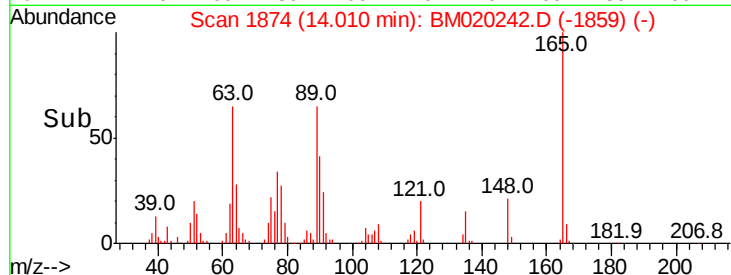
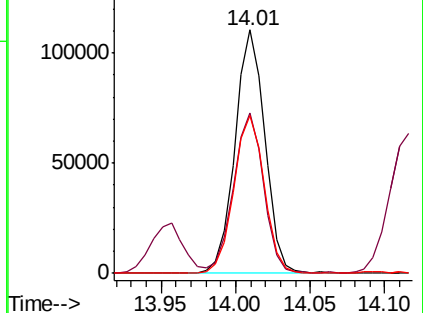
89 64.6 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 38.494 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

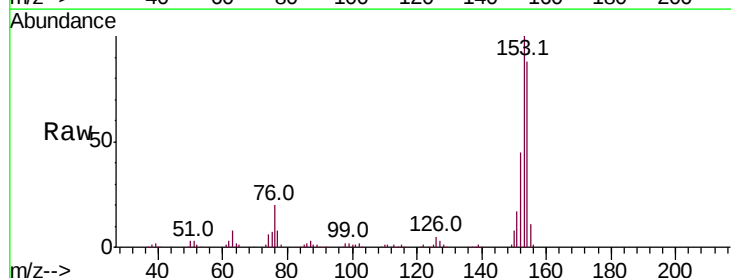
Tgt Ion:154 Resp: 483927

Ion Ratio Lower Upper

154 100

153 113.2 90.2 135.2

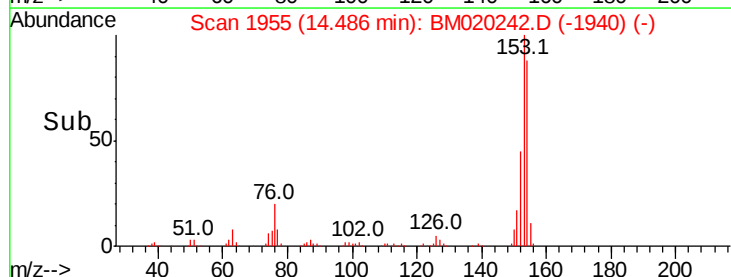
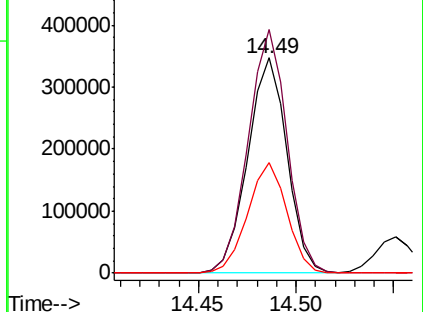
152 51.4 43.0 64.4

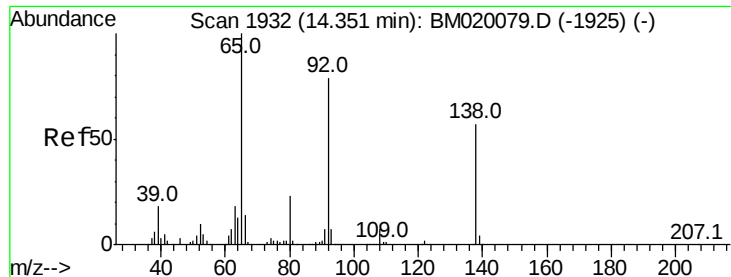


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

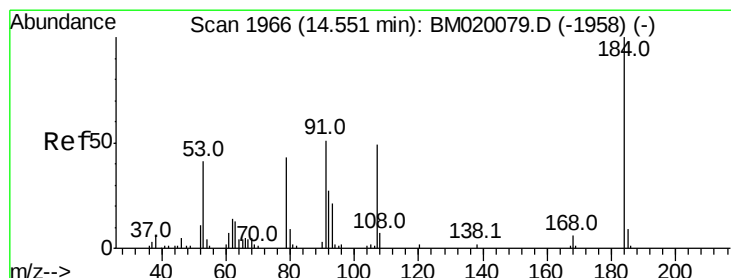
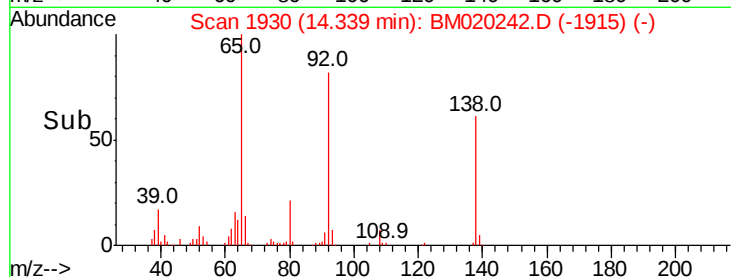
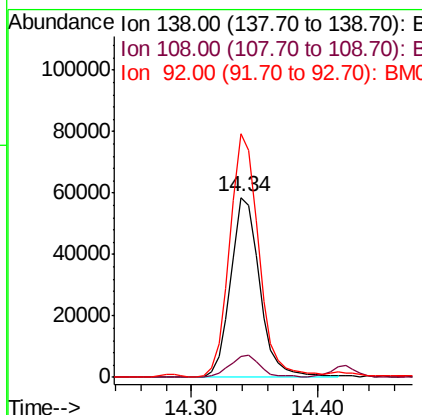
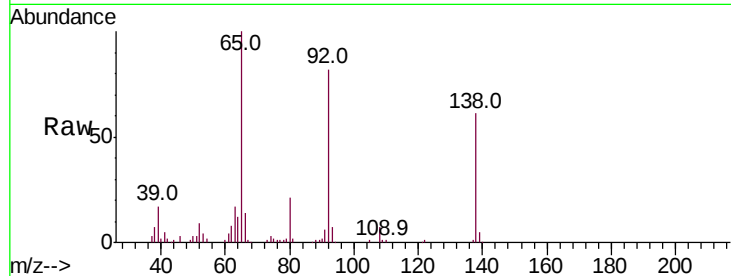




#53
3-Nitroaniline
Concen: 26.776 ng
RT: 14.34 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

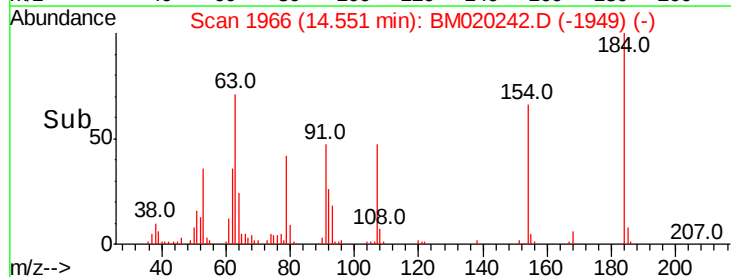
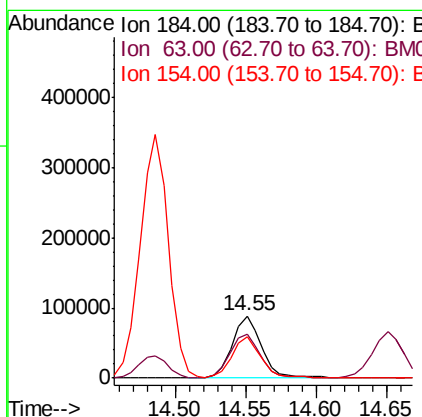
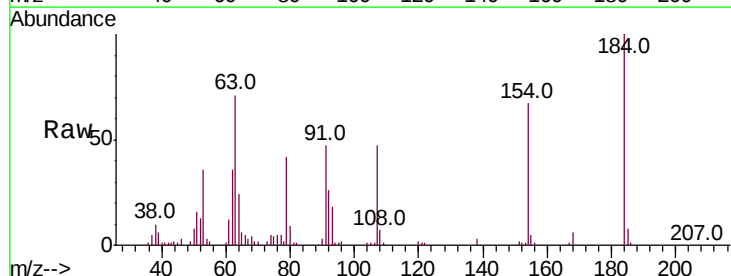
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

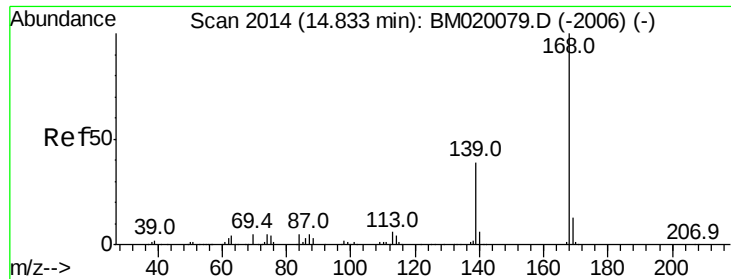
Tot Ion:138 Resp: 92728
Ion Ratio Lower Upper
138 100
108 11.7 10.4 15.6
92 135.5 111.3 166.9



#54
2,4-Dinitrophenol
Concen: 70.117 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:184 Resp: 128862
Ion Ratio Lower Upper
184 100
63 71.0 68.9 103.3
154 66.7 54.4 81.6

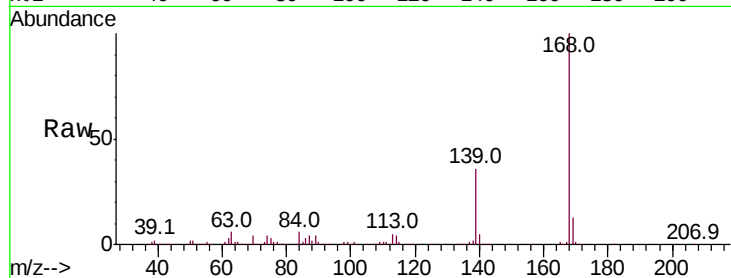




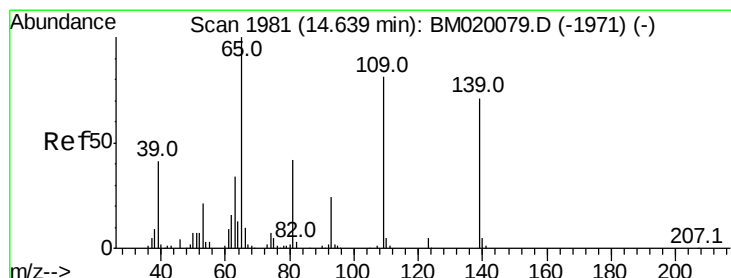
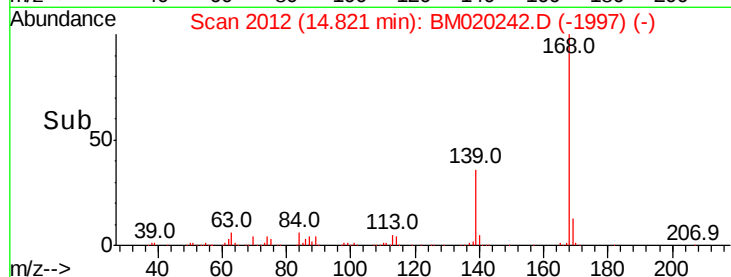
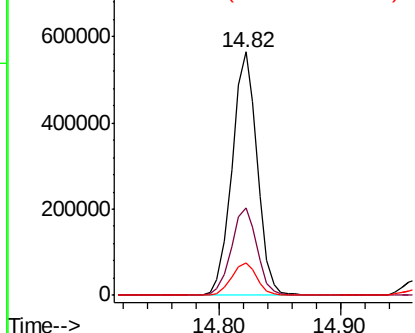
#55
Dibenzofuran
Concen: 38.611 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:168 Resp: 818764
Ion Ratio Lower Upper
168 100
139 36.1 31.1 46.7
169 13.1 10.6 16.0

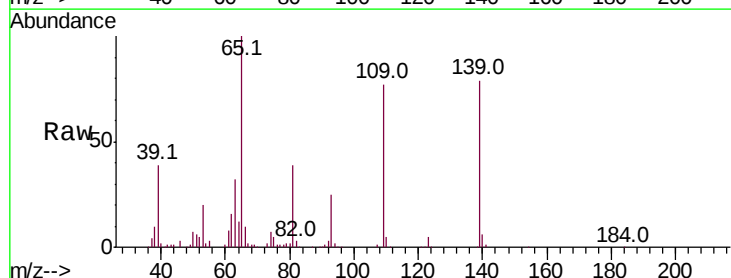


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

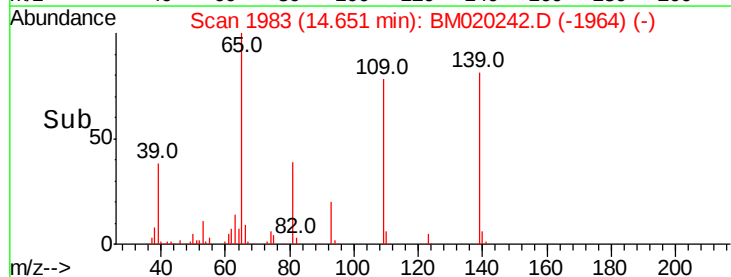
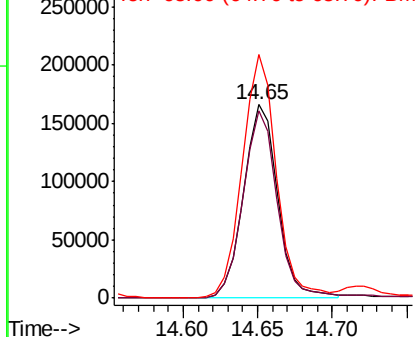


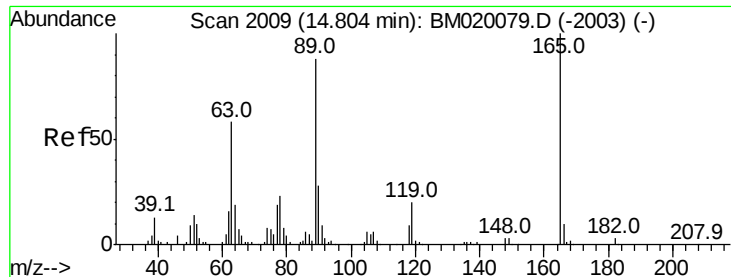
#56
4-Nitrophenol
Concen: 89.163 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:139 Resp: 263457
Ion Ratio Lower Upper
139 100
109 97.1 94.1 134.1
65 125.9 120.9 160.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

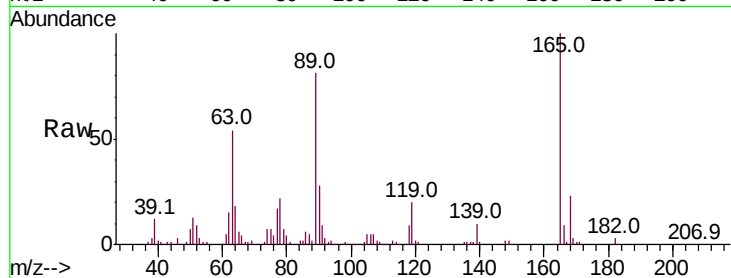




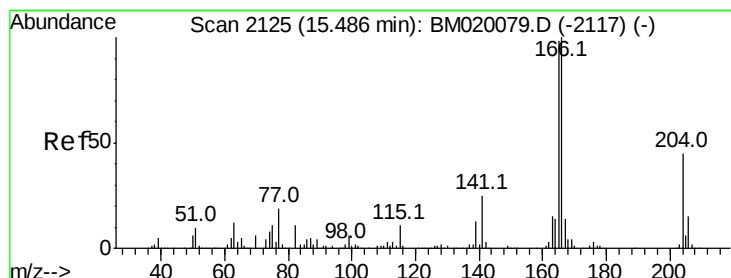
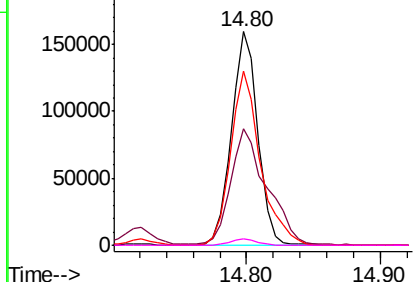
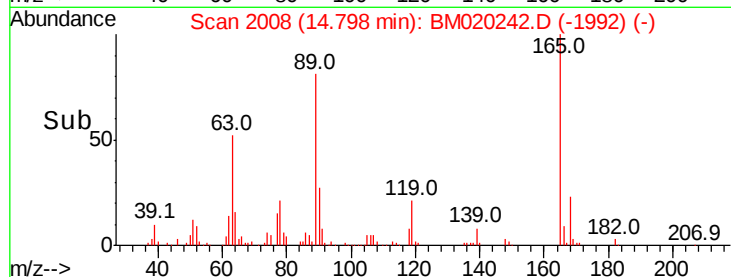
#57
 2,4-Dinitrotoluene
 Concen: 43.265 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion:	165	Resp:	219363
Ion	Ratio	Lower	Upper
165	100		
63	54.5	46.2	69.2
89	81.4	70.6	105.8
182	2.8	2.2	3.2

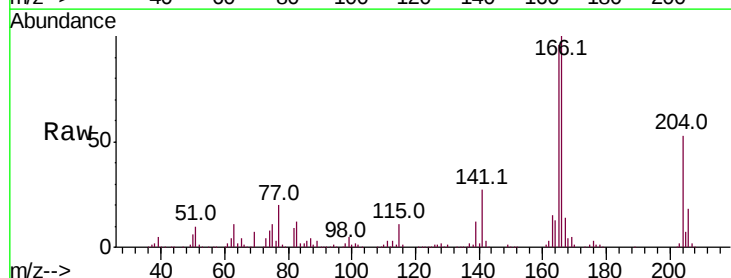


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

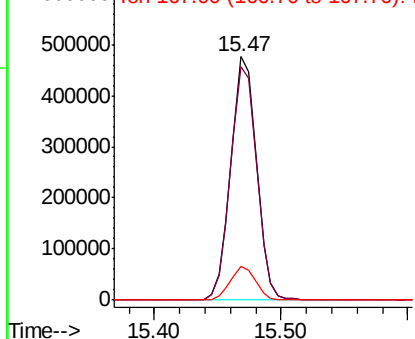
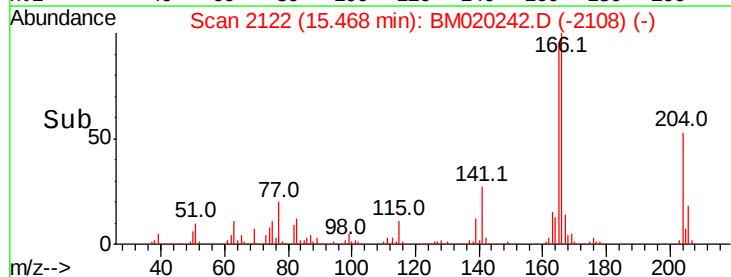


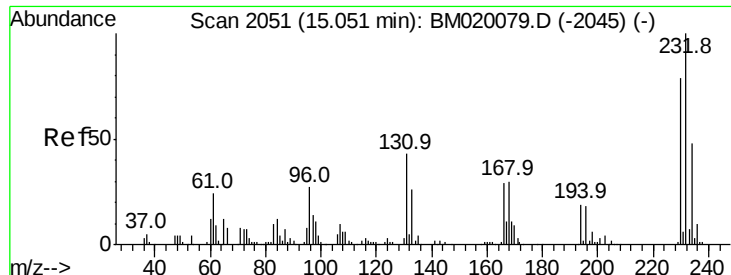
#58
 Fluorene
 Concen: 38.500 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion:	166	Resp:	670501
Ion	Ratio	Lower	Upper
166	100		
165	95.6	78.2	117.2
167	14.0	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

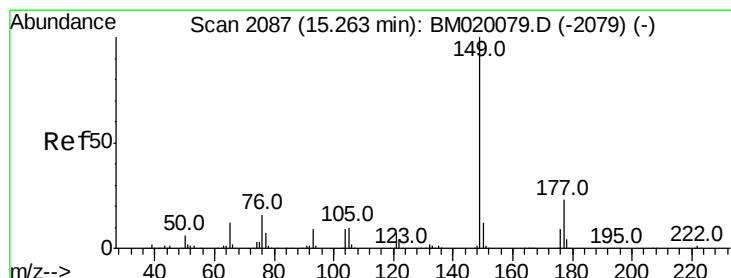
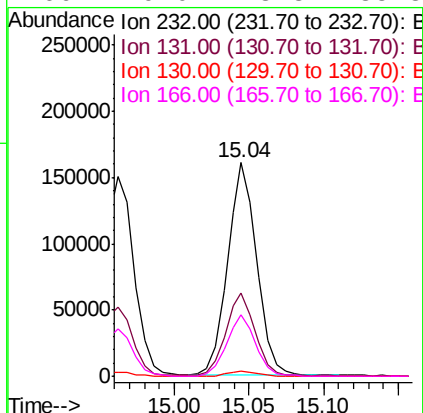
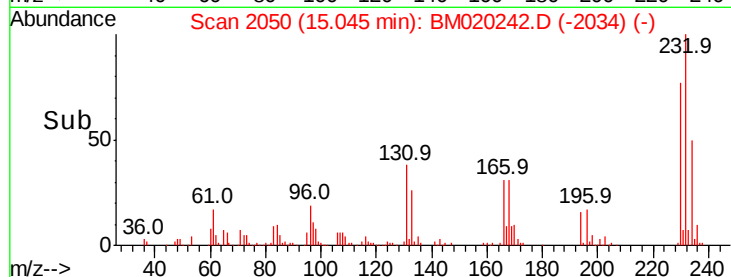
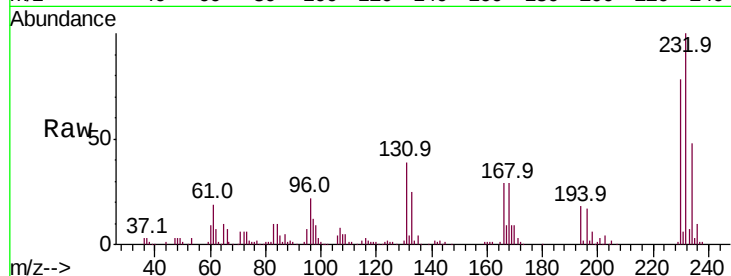




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.463 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

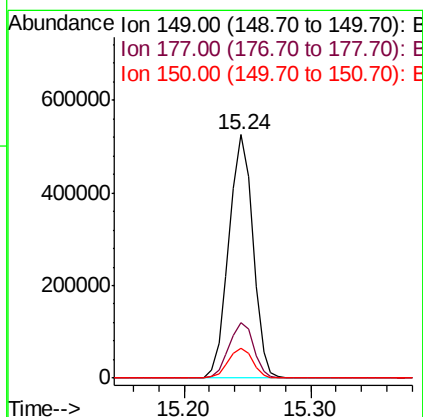
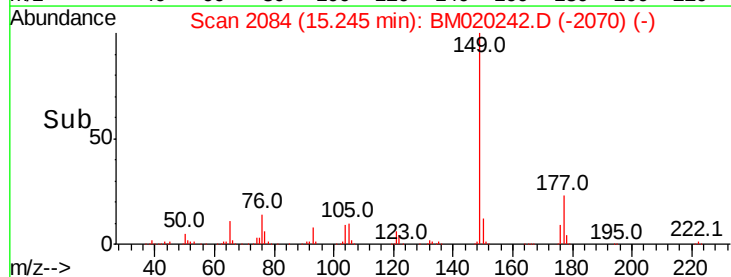
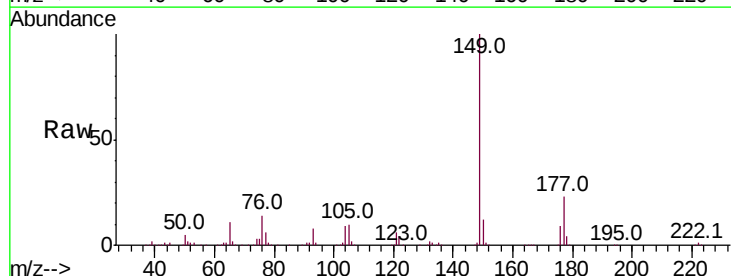
Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

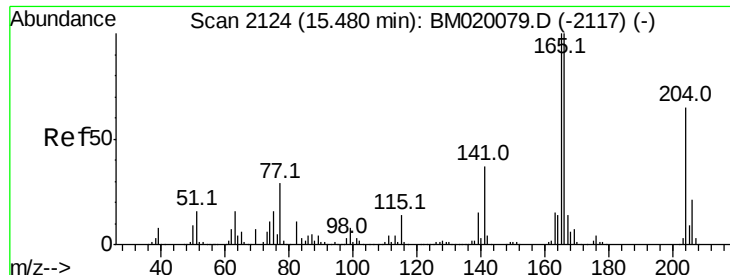
Tot Ion:	232	Resp:	218770
Ion	Ratio	Lower	Upper
232	100		
131	40.2	34.2	51.4
130	2.2	2.0	3.0
166	29.0	23.8	35.8



#60
 Diethylphthalate
 Concen: 38.780 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion:	149	Resp:	692169
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.4
150	12.4	9.9	14.9

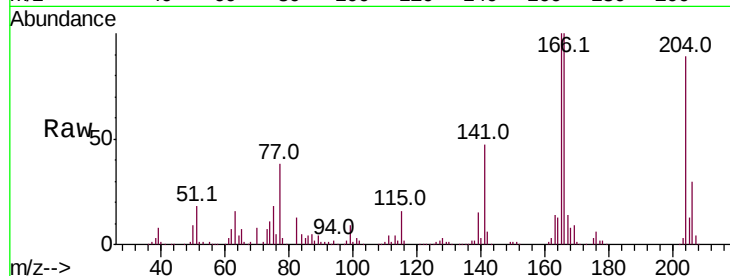




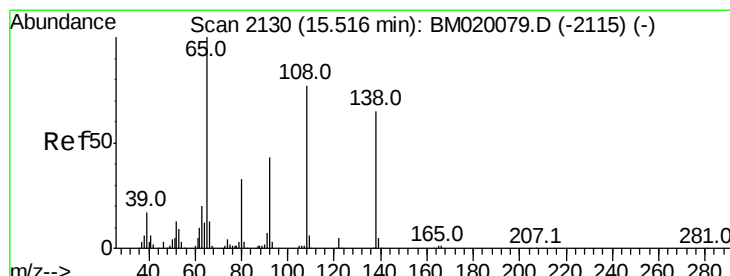
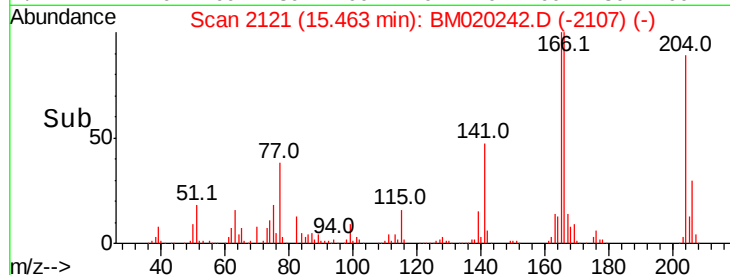
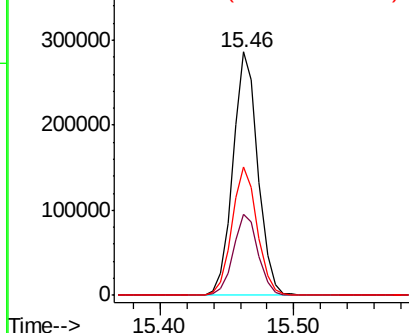
#61
 4-Chlorophenyl-phenylether
 Concen: 37.704 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion:	204	Resp:	372051
Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.6	38.4
141	52.9	46.1	69.1

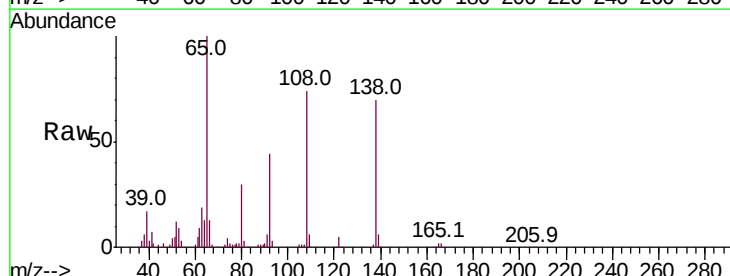


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

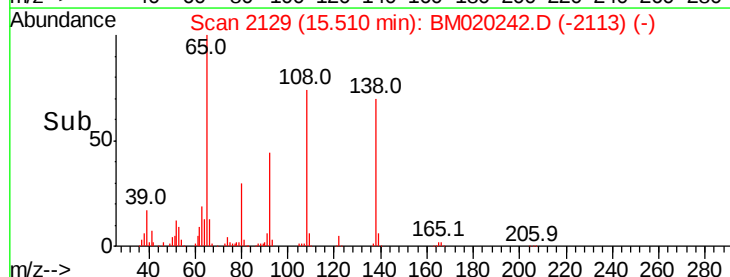
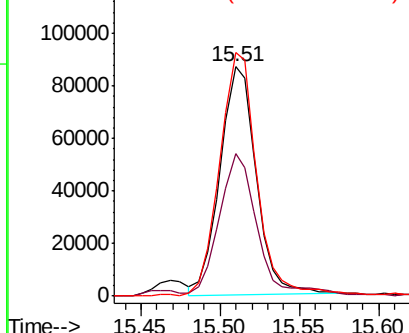


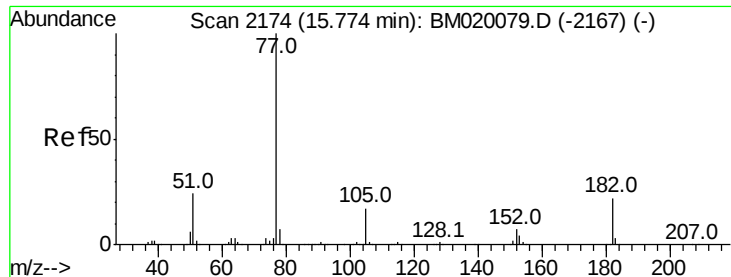
#62
 4-Nitroaniline
 Concen: 36.102 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion:	138	Resp:	137978
Ion	Ratio	Lower	Upper
138	100		
92	62.4	45.9	85.9
108	106.1	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: 35.786 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

Tot Ion: 77 Resp: 753516

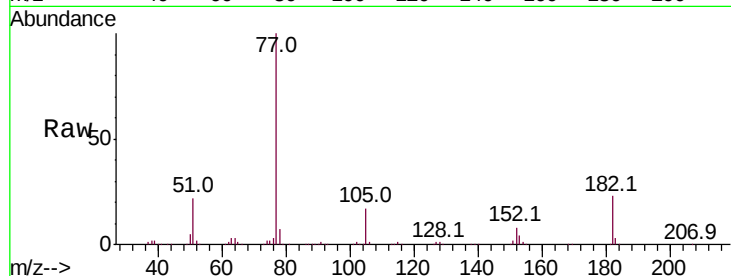
Ion Ratio Lower Upper

77 100

182 23.4 2.1 42.1

105 16.7 0.0 36.8

51 22.2 3.8 43.8

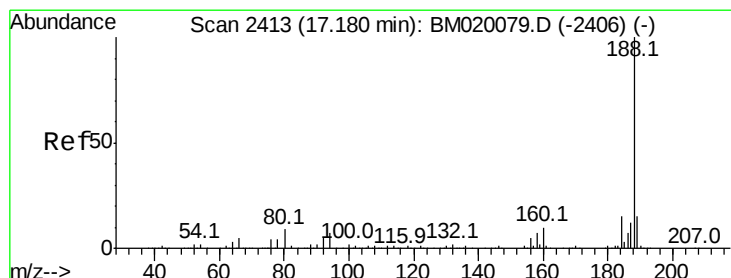
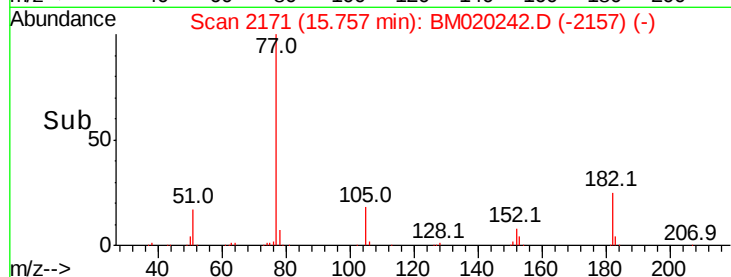
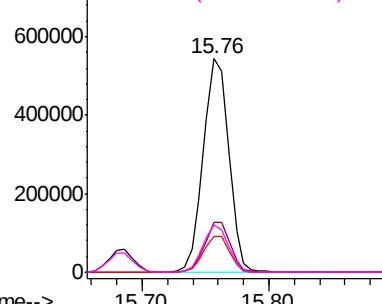


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

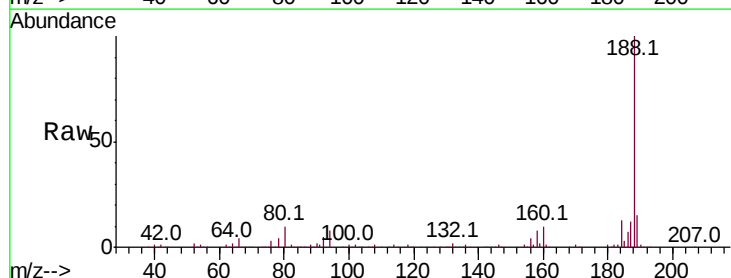
Tgt Ion: 188 Resp: 538184

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

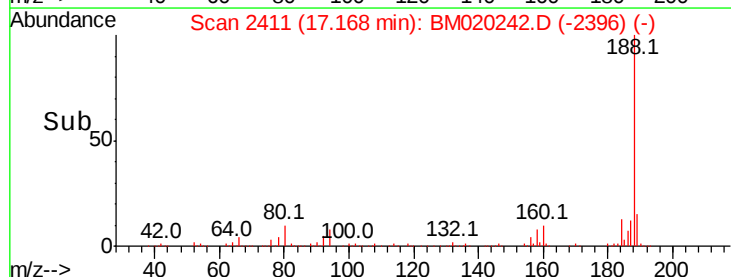
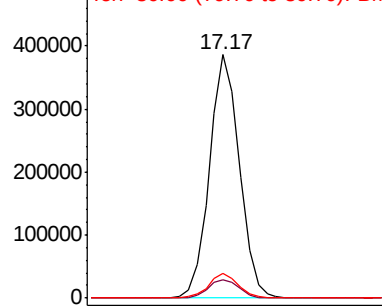
80 10.0 7.4 11.2

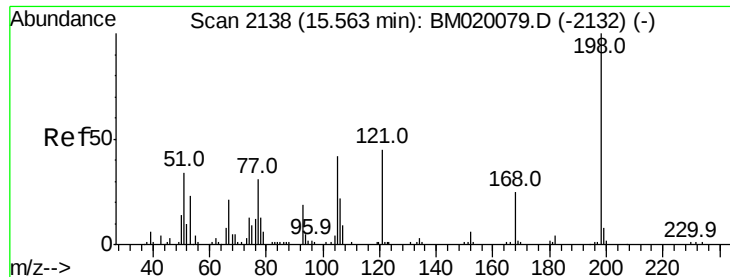


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

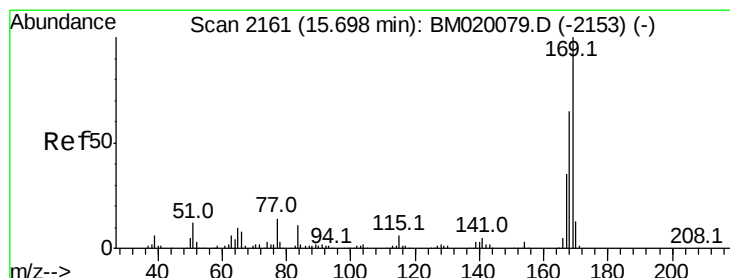
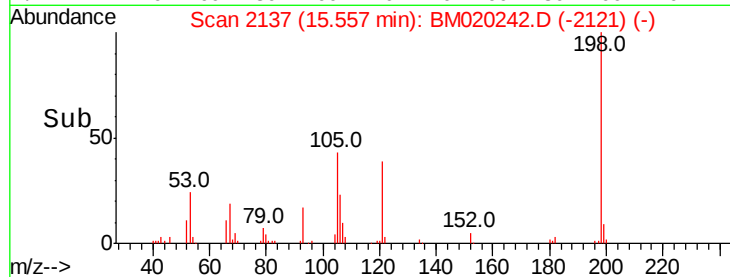
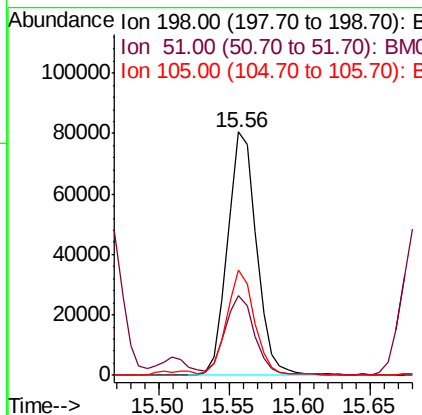
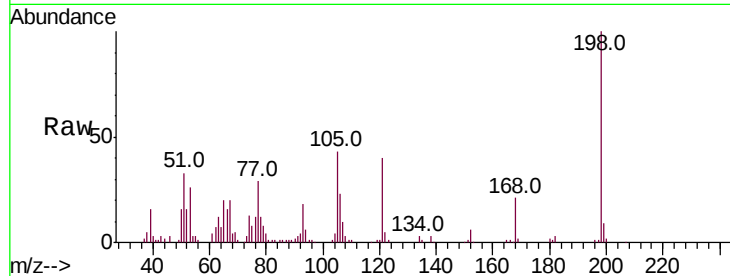




#65
4,6-Dinitro-2-methylphenol
Concen: 43.235 ng
RT: 15.56 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

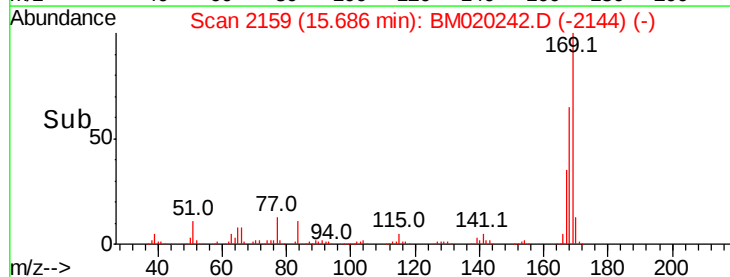
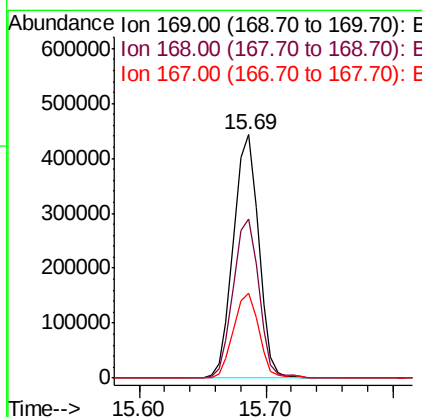
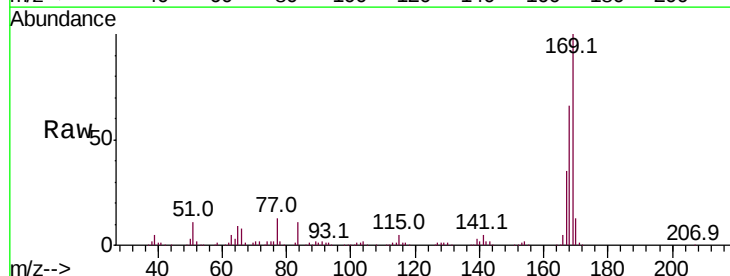
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

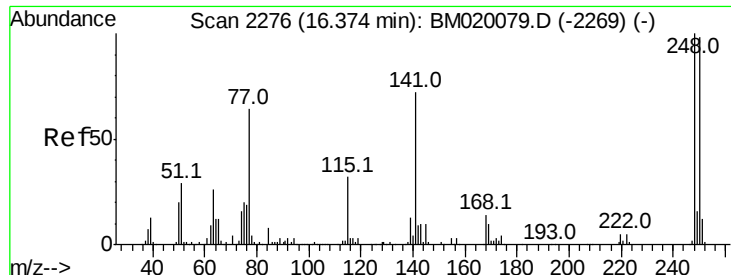
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.9	16.5	56.5
105	43.3	22.8	62.8



#66
n-Nitrosodiphenylamine
Concen: 38.533 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	51.9	77.9
167	34.9	27.8	41.6

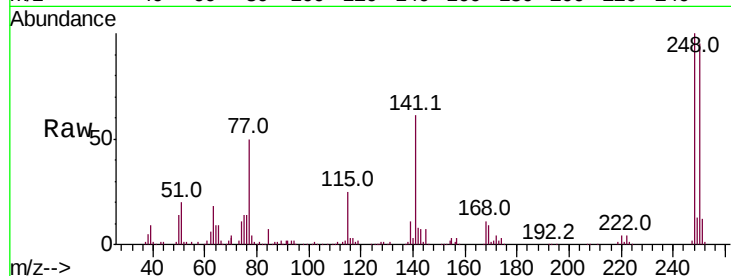




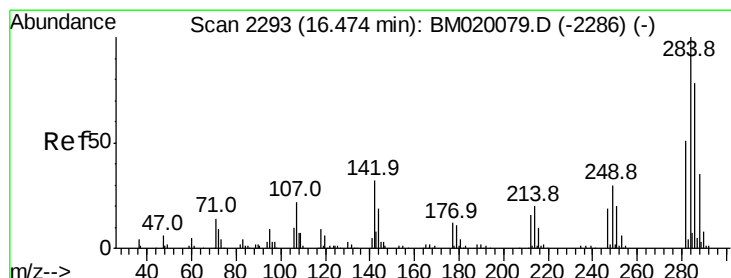
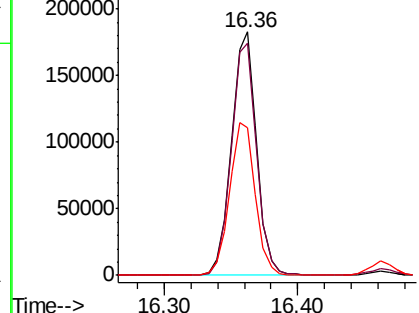
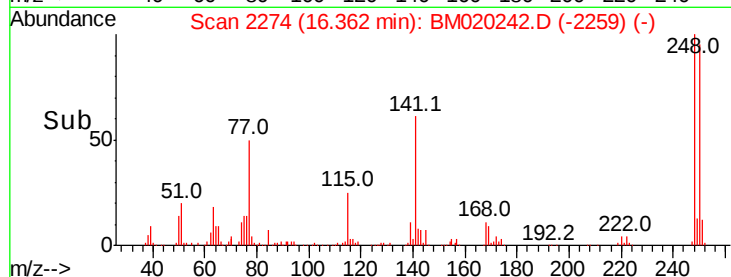
#67
 4-Bromophenyl-phenylether
 Concen: 36.506 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	78.4	117.6
141	60.9	57.4	86.2

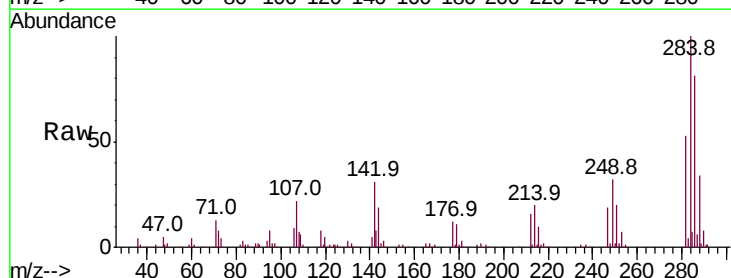


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

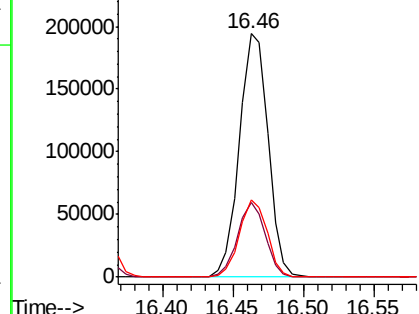
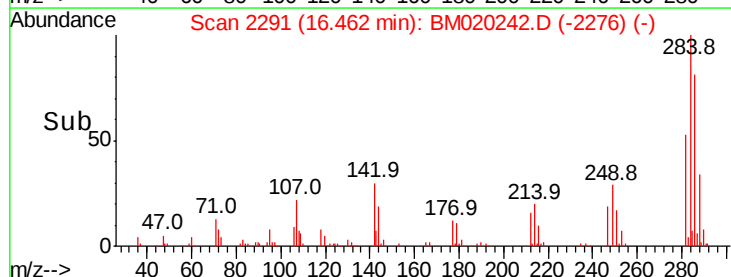


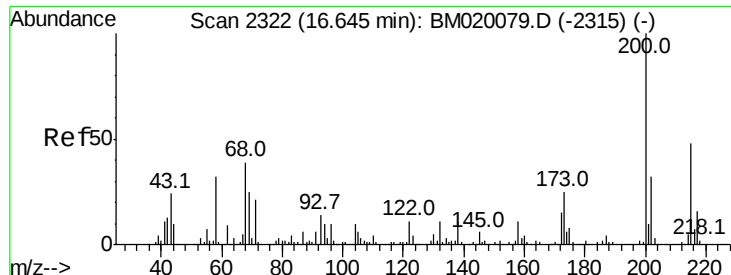
#68
 Hexachlorobenzene
 Concen: 36.336 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.2	37.8
249	31.7	23.6	35.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

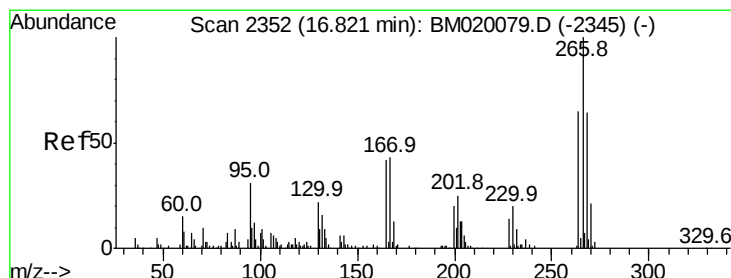
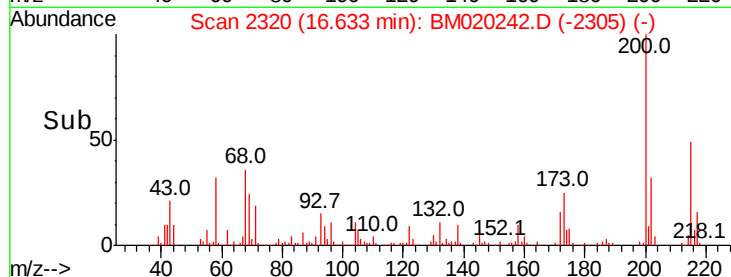
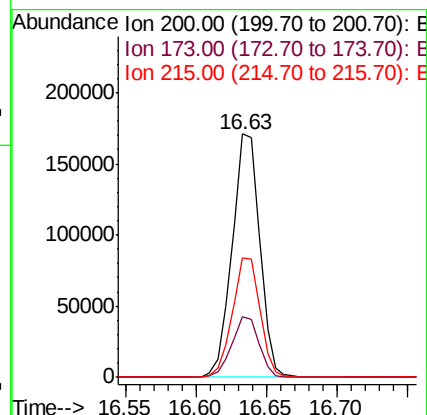
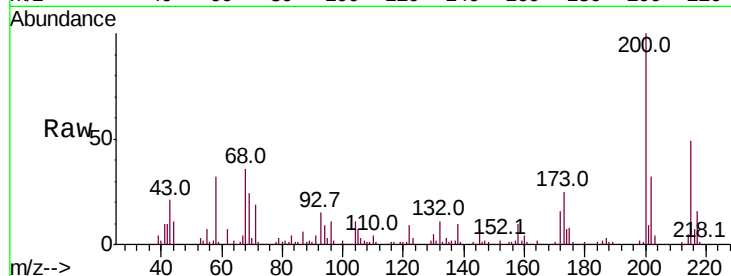




#69
Atrazine
Concen: 37.648 ng
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

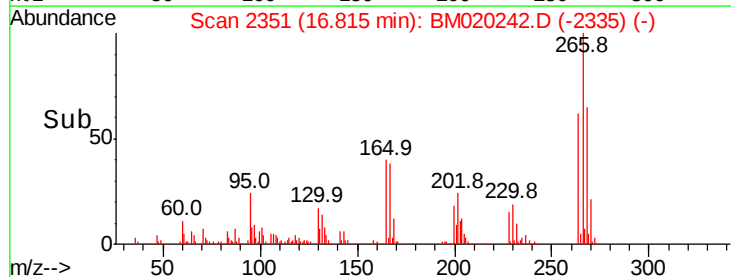
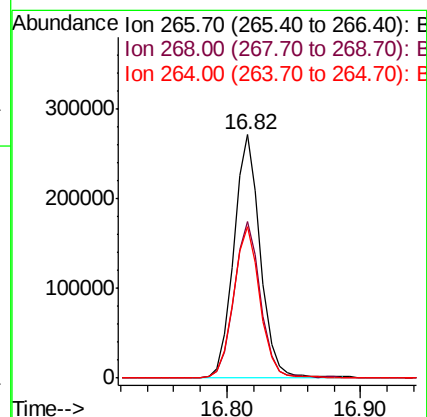
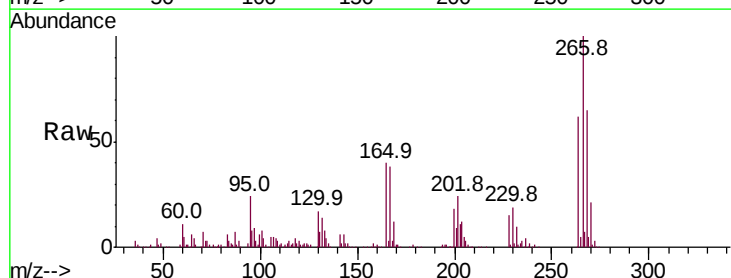
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

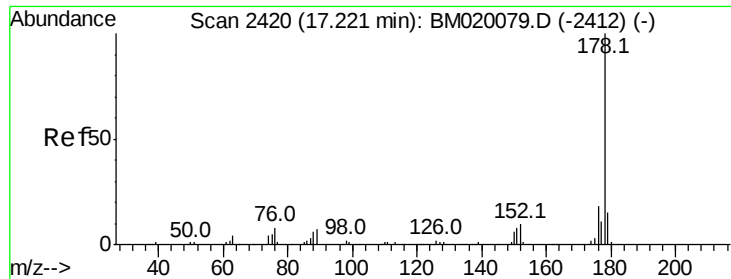
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.6	44.6
215	48.9	28.0	68.0



#70
Pentachlorophenol
Concen: 86.918 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.4	77.0
264	62.4	52.0	78.0

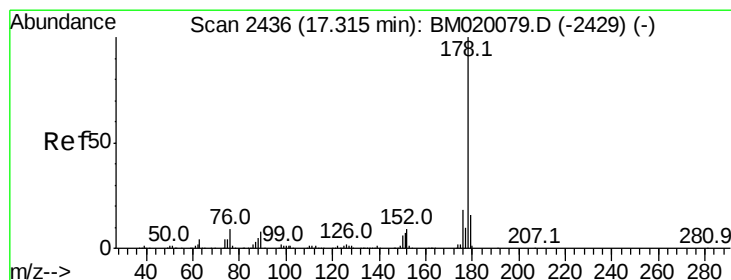
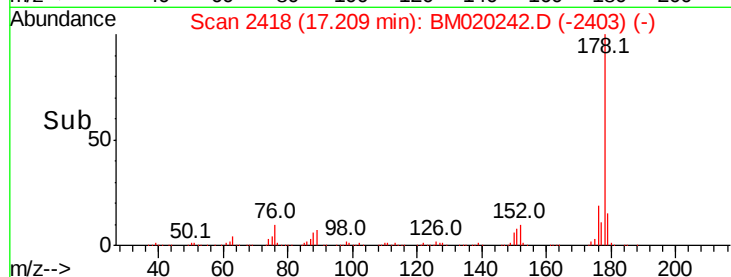
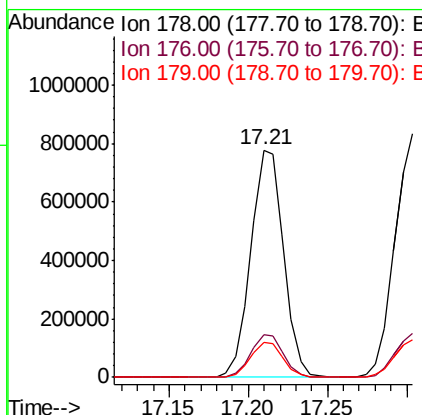
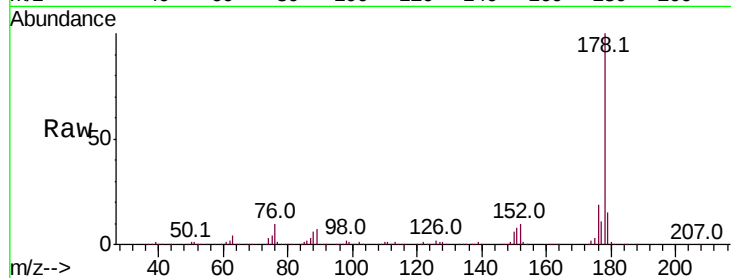




#71
Phenanthrene
Concen: 37.678 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

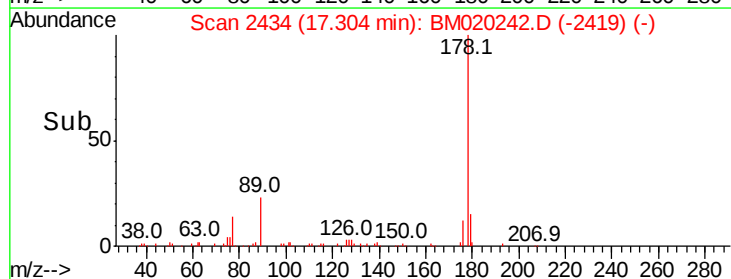
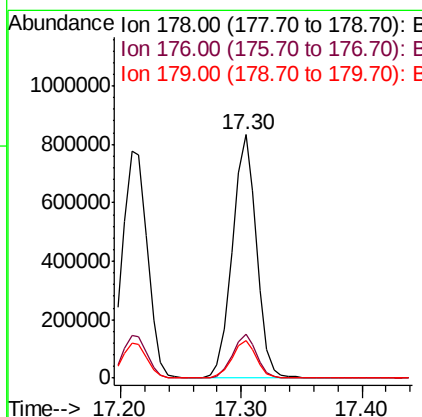
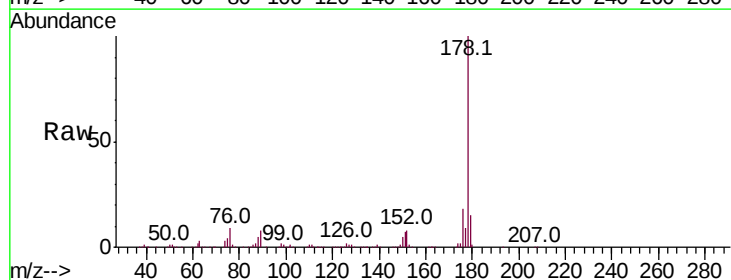
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

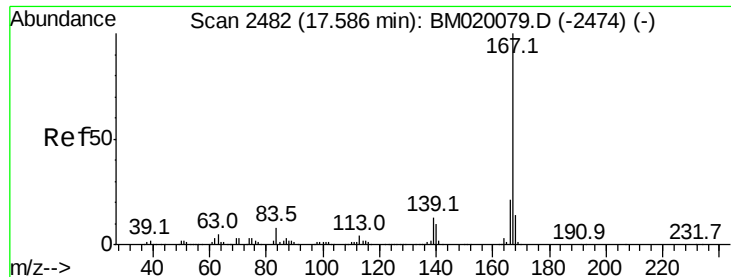
Tot Ion:178 Resp: 1119335
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.2 12.4 18.6



#72
Anthracene
Concen: 38.742 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:178 Resp: 1150754
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.2 12.4 18.6

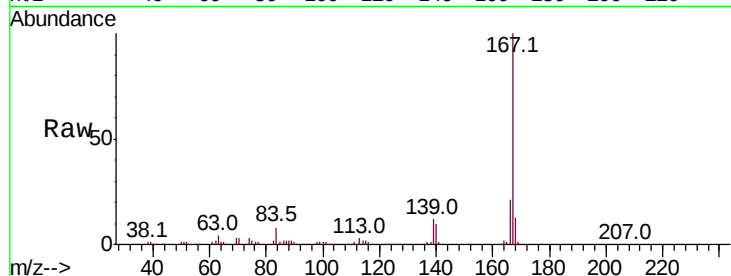




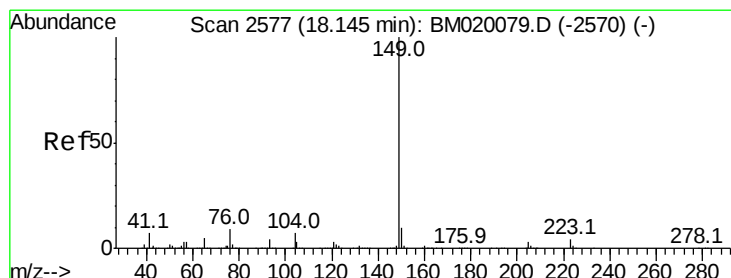
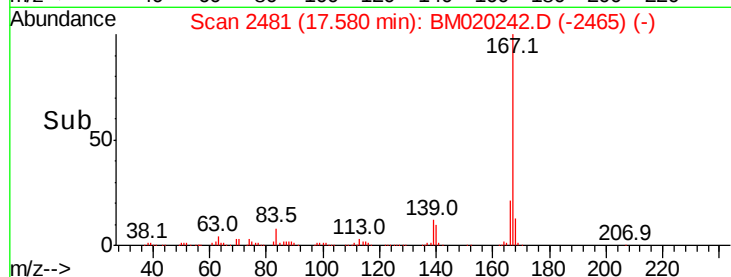
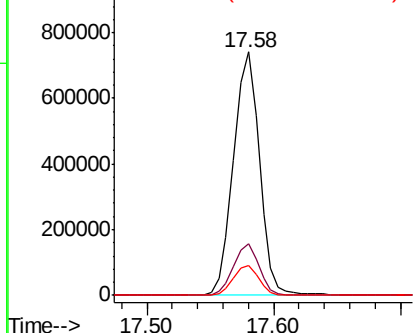
#73
 Carbazole
 Concen: 39.197 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion:167 Resp: 1050530
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.3 10.6 16.0

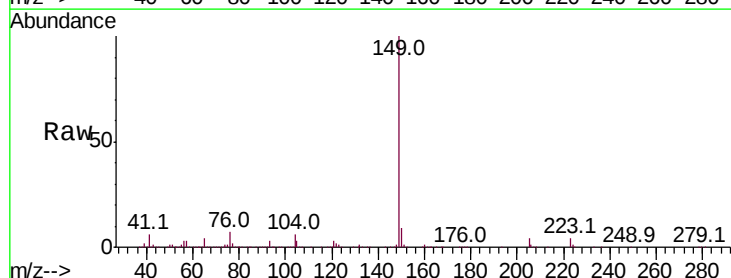


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

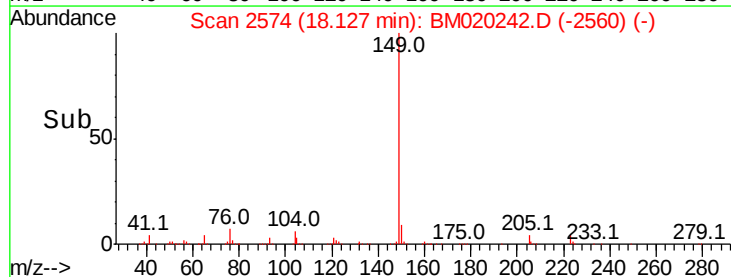
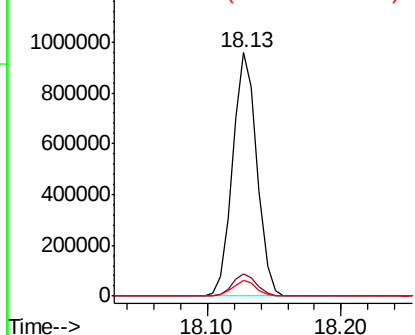


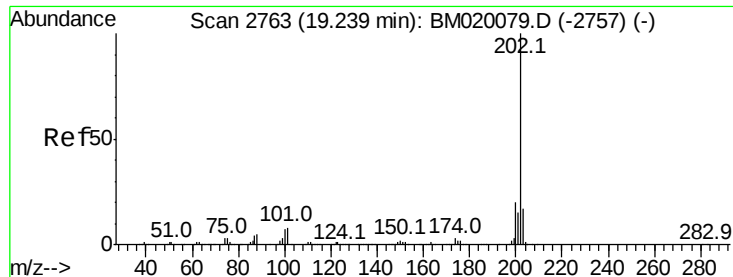
#74
 Di-n-butylphthalate
 Concen: 37.686 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion:149 Resp: 1215517
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 6.4 5.7 8.5



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





#75

Fluoranthene

Concen: 39.444 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

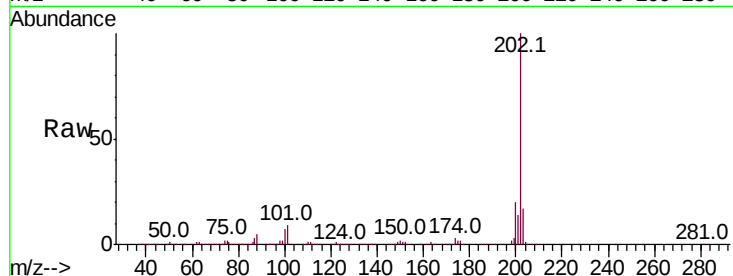
Tot Ion:202 Resp: 1482624

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.4

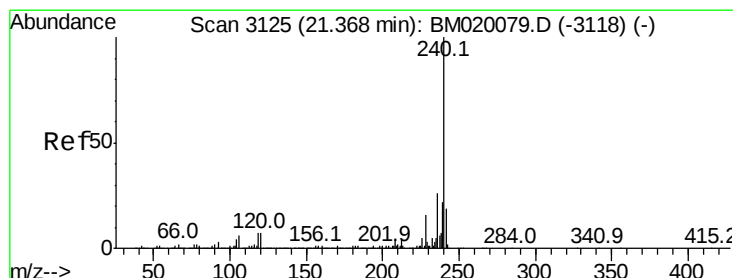
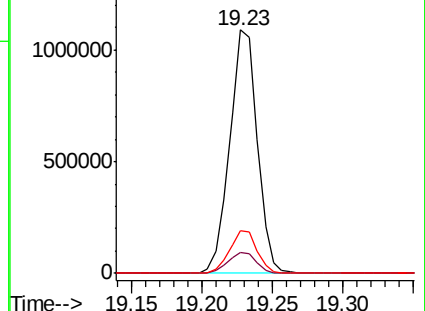
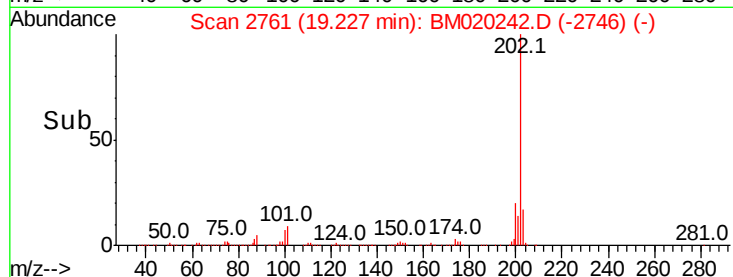
203 17.5 0.0 37.4



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: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

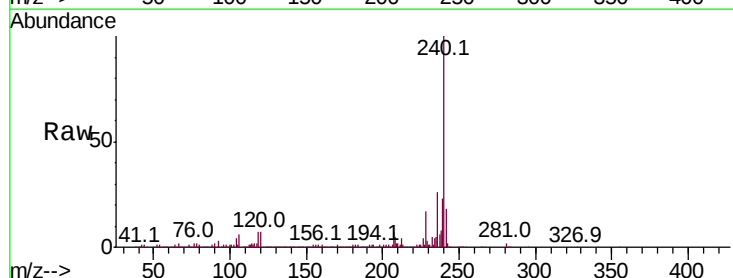
Tgt Ion:240 Resp: 618603

Ion Ratio Lower Upper

240 100

120 7.0 5.6 8.4

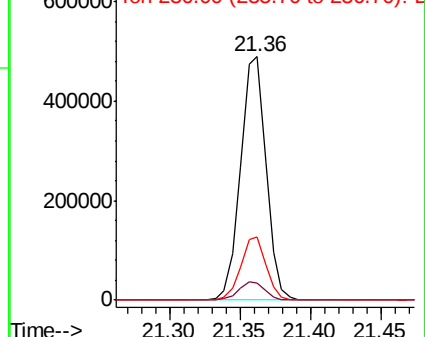
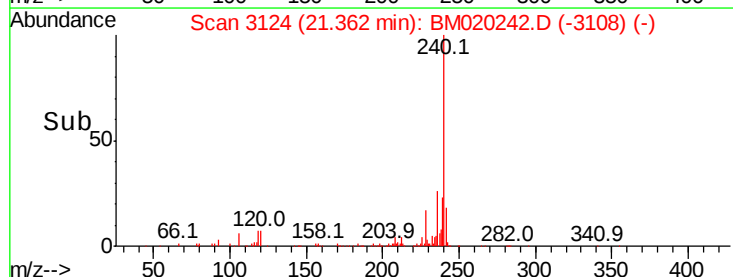
236 26.2 20.9 31.3

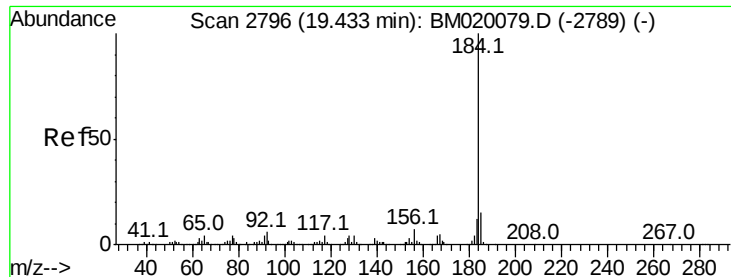


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.580 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

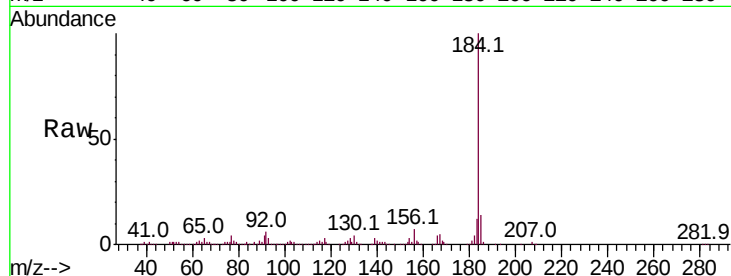
Tot Ion:184 Resp: 664117

Ion Ratio Lower Upper

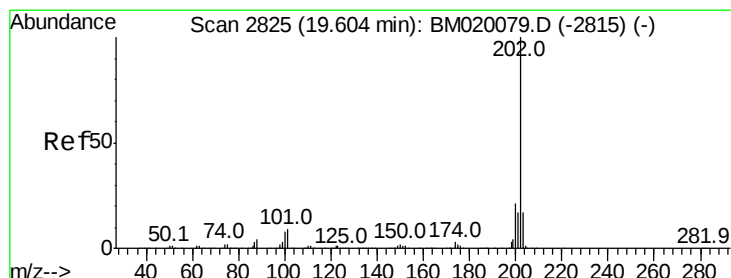
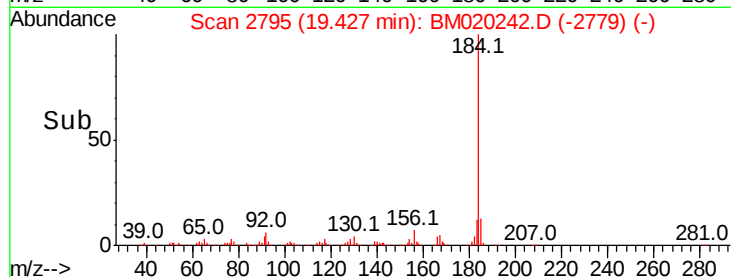
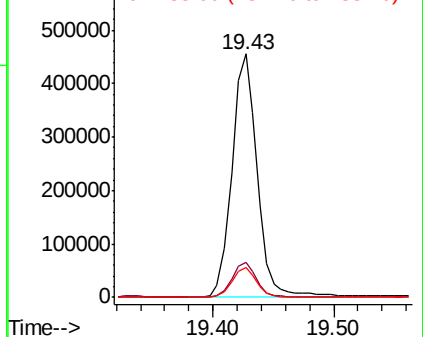
184 100

185 14.1 12.0 18.0

183 12.0 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: 36.280 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

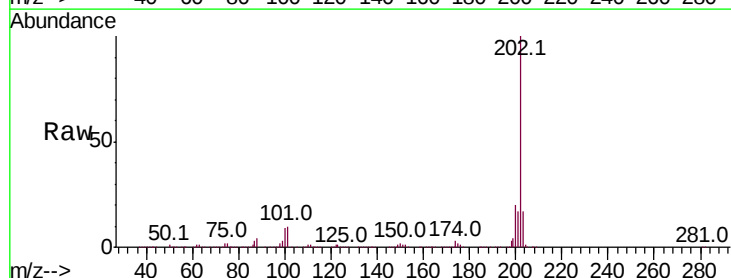
Tgt Ion:202 Resp: 1506788

Ion Ratio Lower Upper

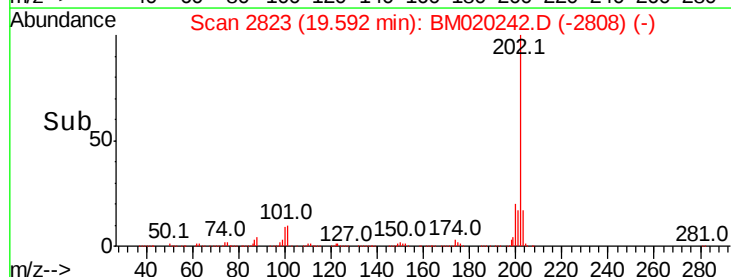
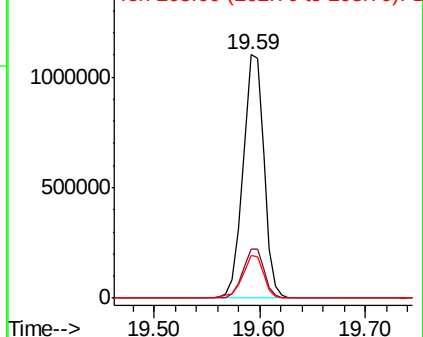
202 100

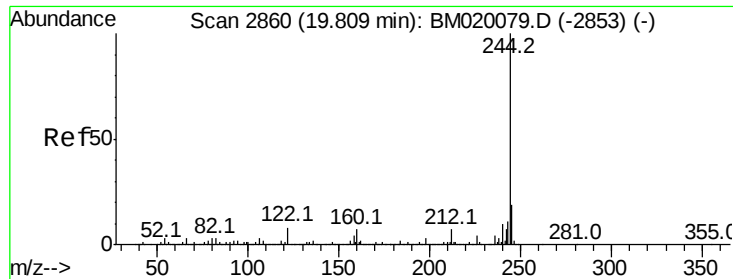
200 20.4 16.5 24.7

203 17.3 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: 64.950 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

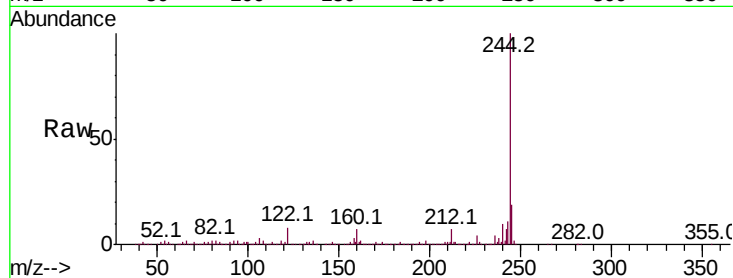
Tot Ion:244 Resp: 2303505

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

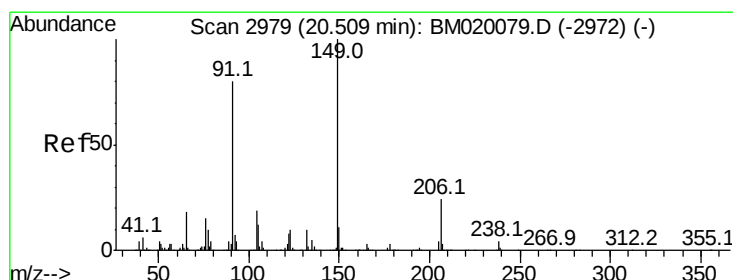
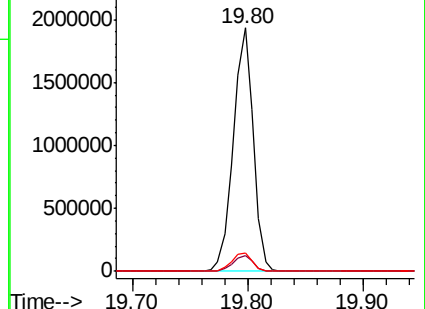
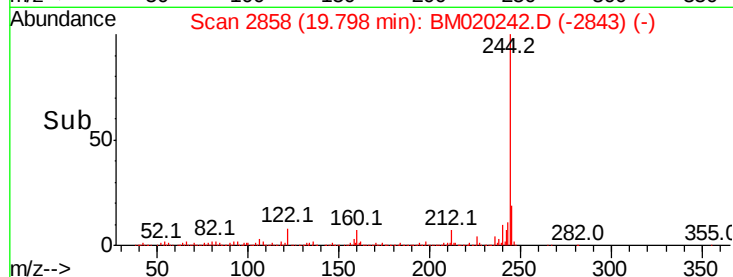
122 7.7 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.512 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

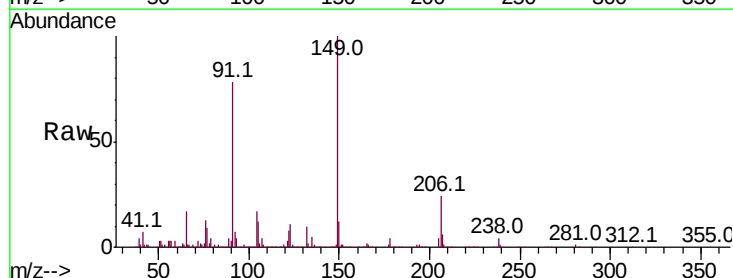
Tgt Ion:149 Resp: 611863

Ion Ratio Lower Upper

149 100

91 77.8 63.8 95.8

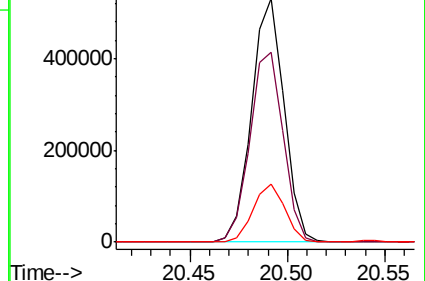
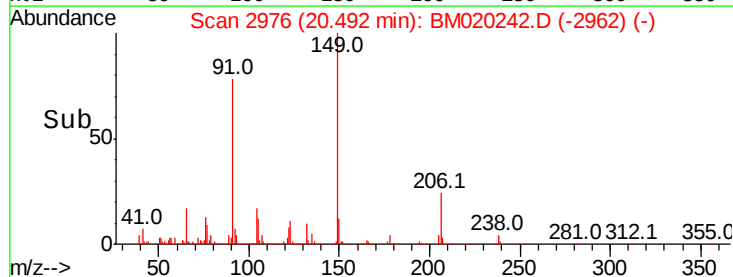
206 23.6 18.9 28.3

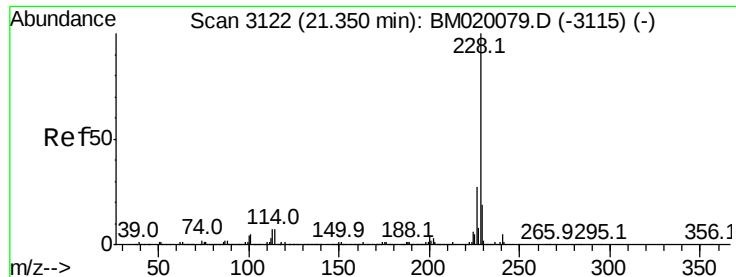


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.112 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

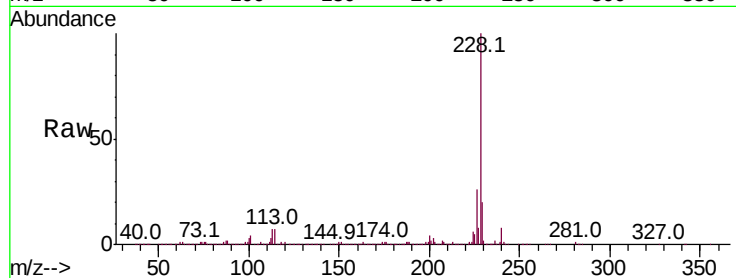
Tot Ion:228 Resp: 1566614

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	19.5	15.5	23.3

228 100

226 26.3 21.3 31.9

229 19.5 15.5 23.3

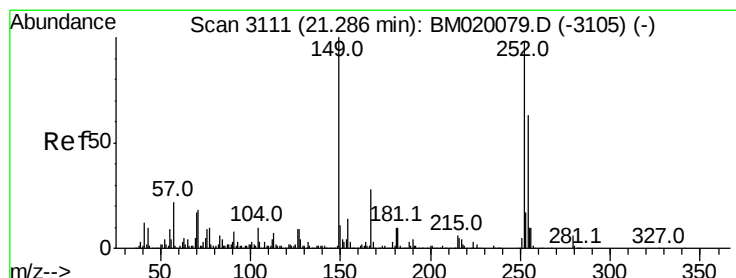
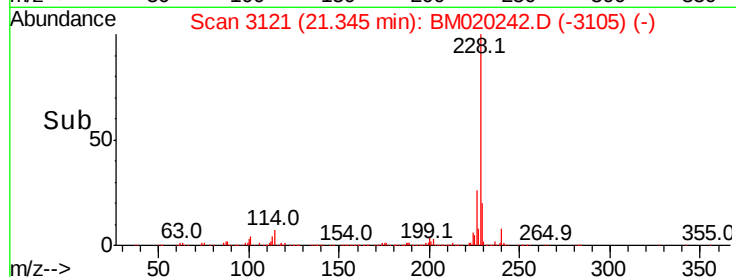
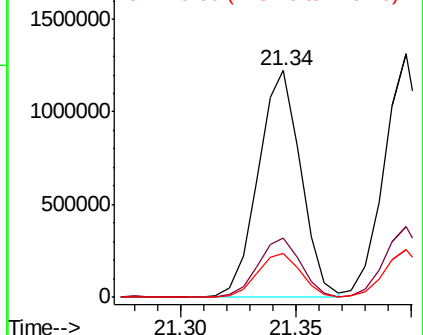


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.096 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

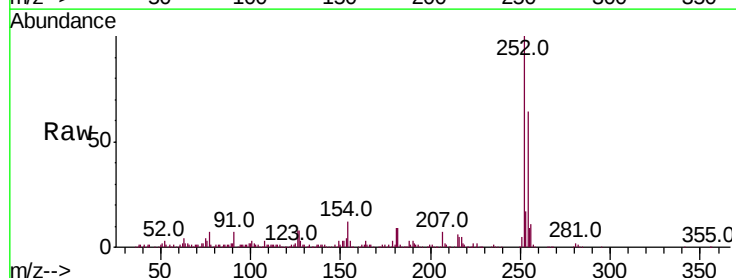
Tgt Ion:252 Resp: 465210

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.1	76.7
126	8.2	7.1	10.7

252 100

254 64.0 51.1 76.7

126 8.2 7.1 10.7

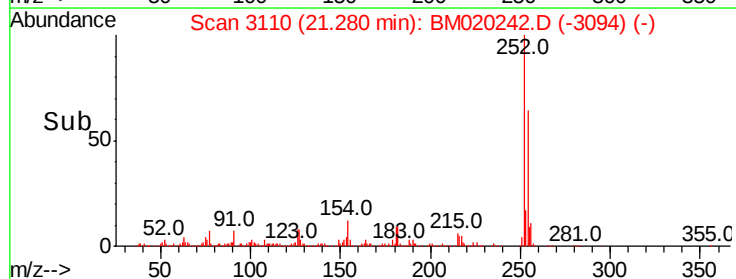
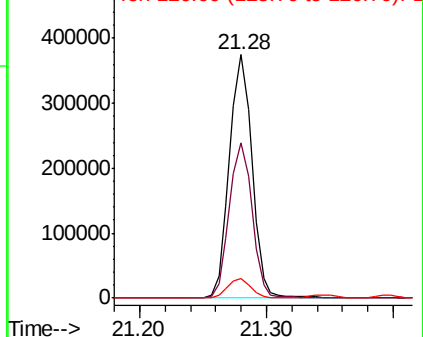


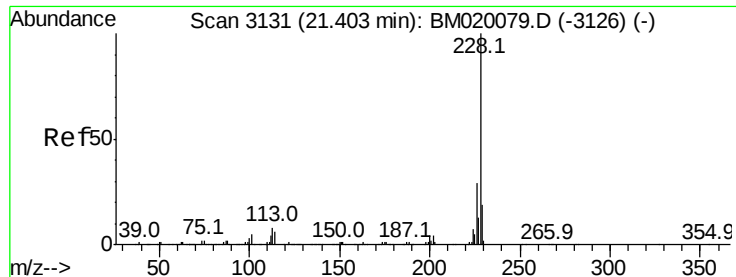
Abundance

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: 37.138 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

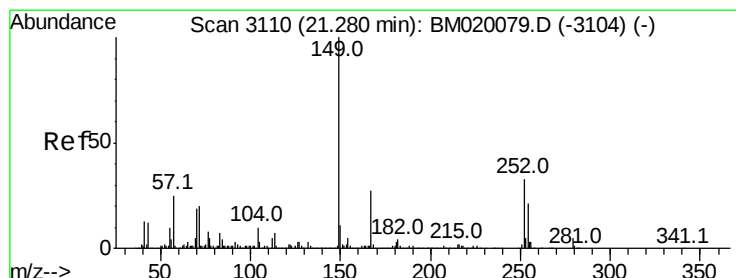
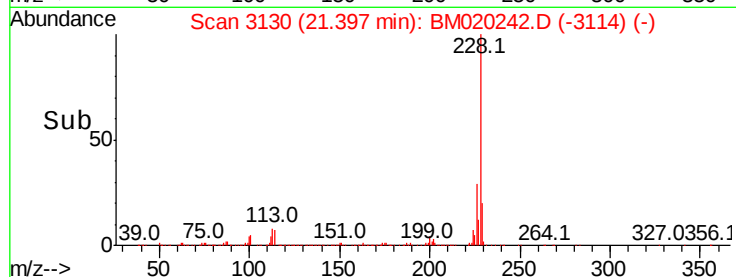
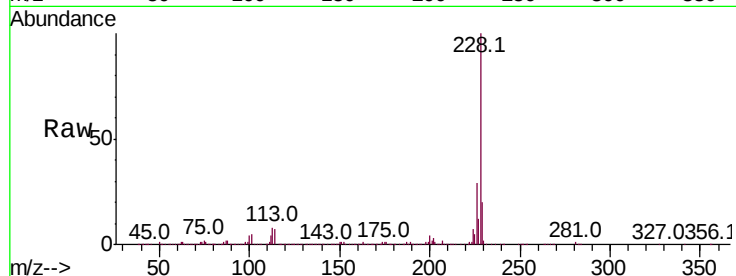
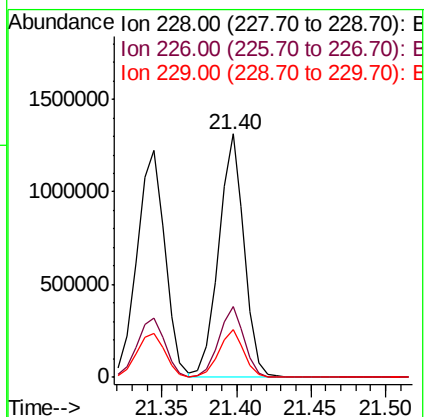
BNA_M

ClientSampleId :

COMP-5.8.19MSD

Tot Ion:228 Resp: 1562518

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	19.6	15.5	23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.808 ng

RT: 21.26 min Scan# 3106

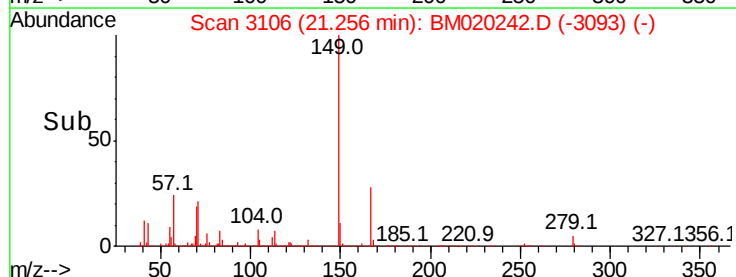
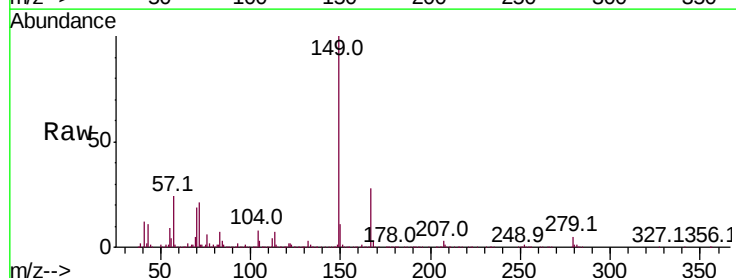
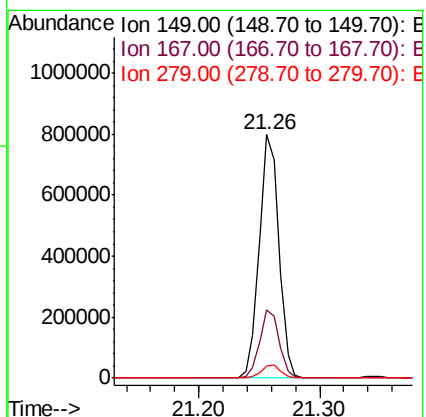
Delta R.T. -0.02 min

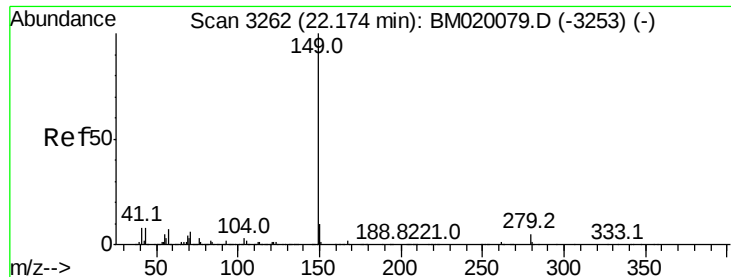
Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:149 Resp: 909507

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	4.8	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 41.279 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

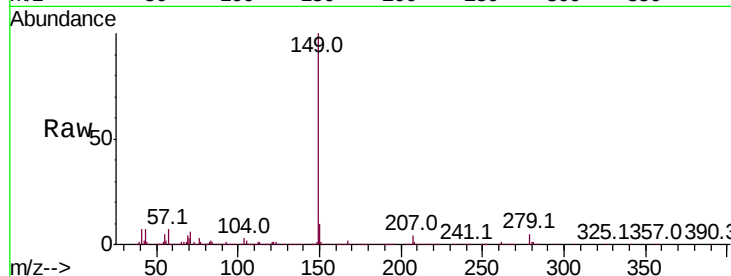
Tot Ion:149 Resp: 1607912

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

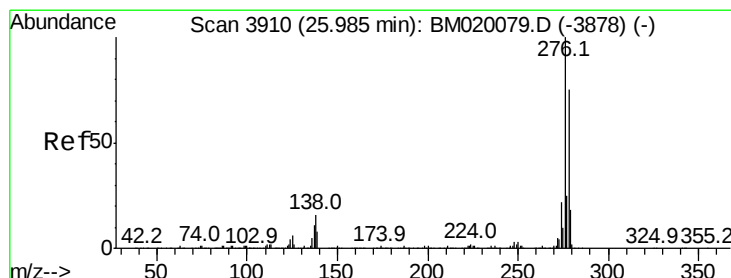
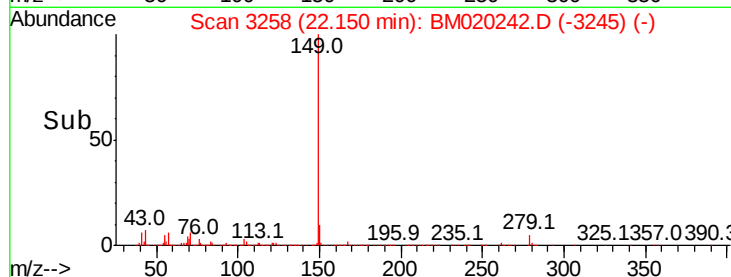
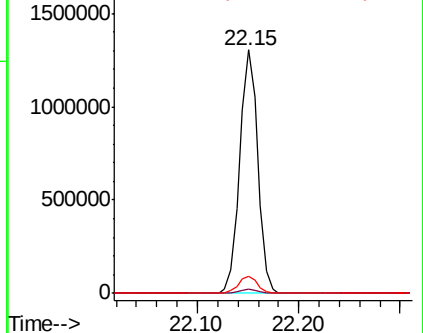
43 7.1 6.5 9.7



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.554 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.00 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

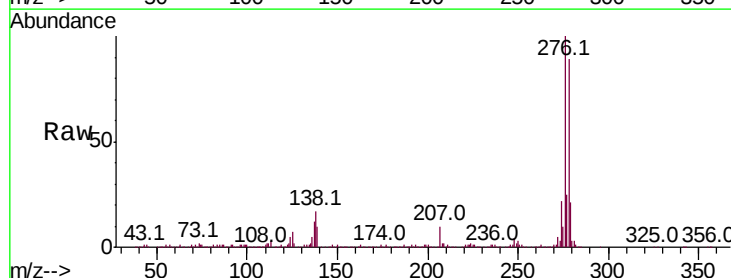
Tgt Ion:276 Resp: 1779336

Ion Ratio Lower Upper

276 100

138 17.0 0.0 0.0#

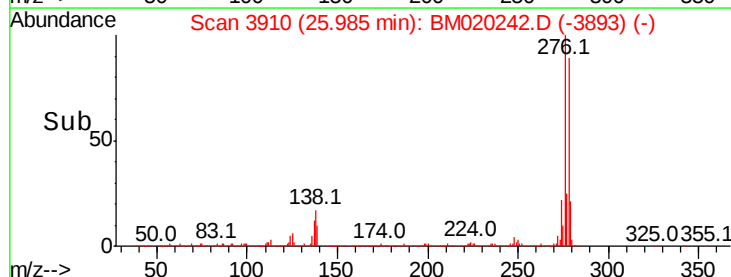
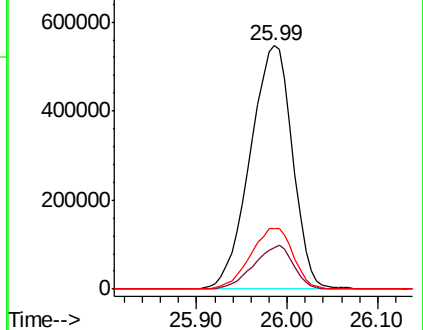
277 25.2 0.0 0.0#

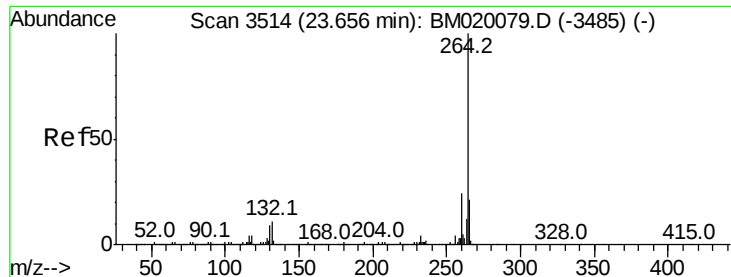


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

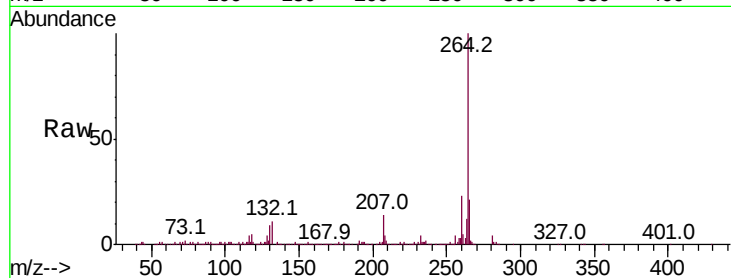
Tot Ion:264 Resp: 715376

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

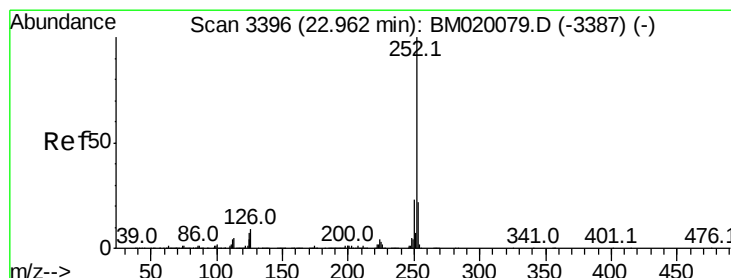
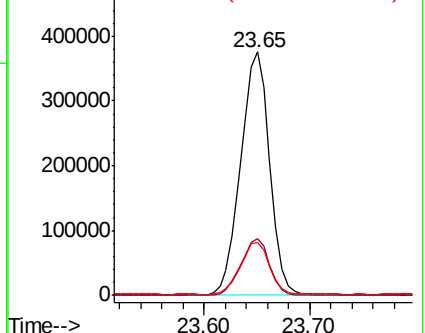
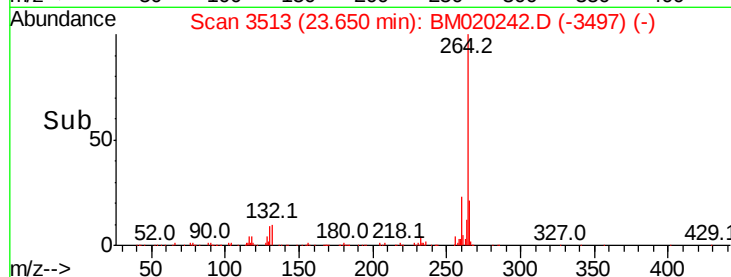
265 21.5 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.660 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

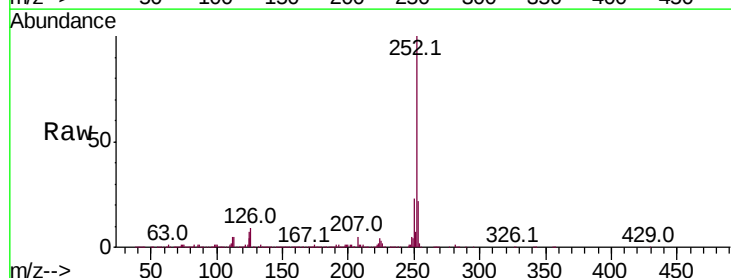
Tgt Ion:252 Resp: 1731794

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

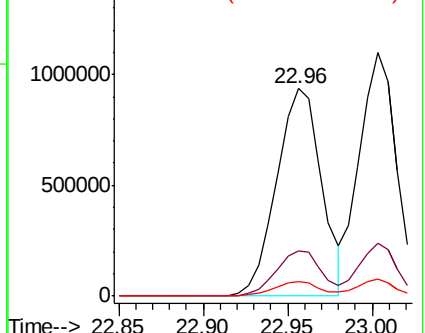
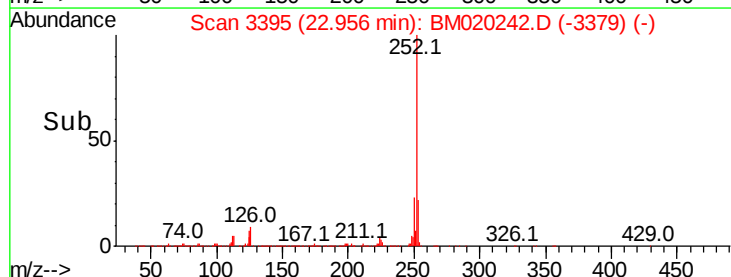
125 7.3 5.4 8.2

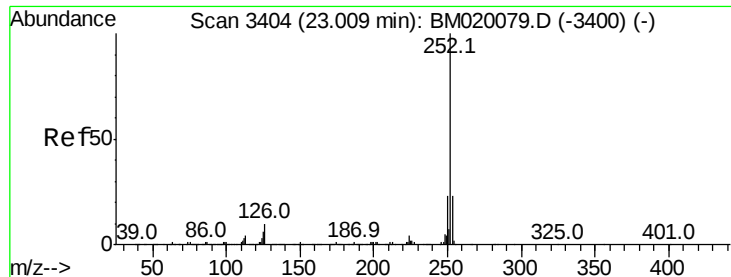


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.916 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

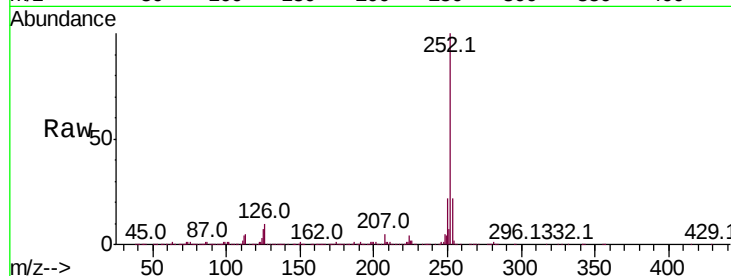
Tot Ion:252 Resp: 1676932

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

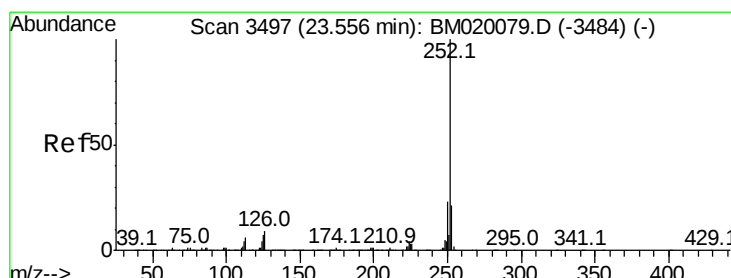
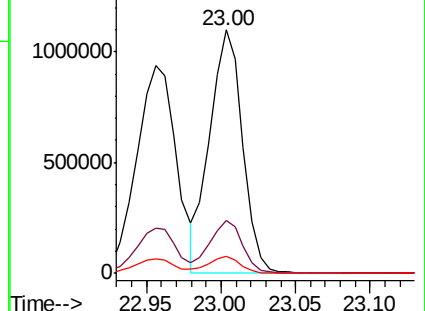
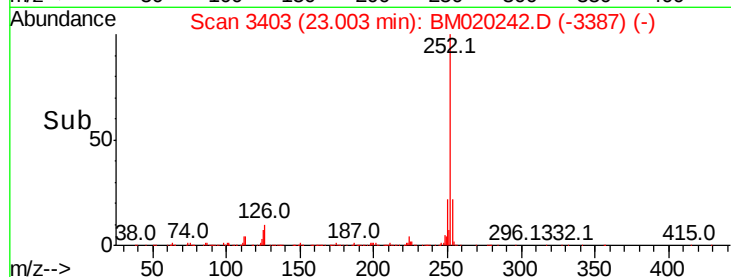
125 6.8 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.349 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

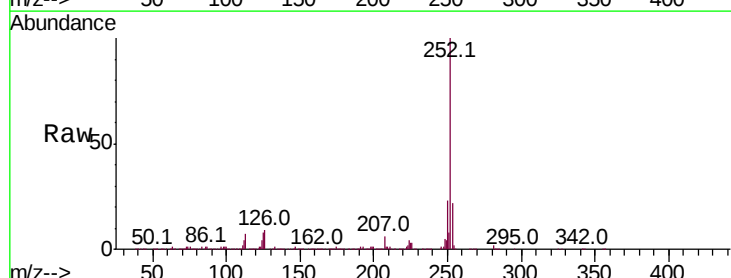
Tgt Ion:252 Resp: 1645498

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

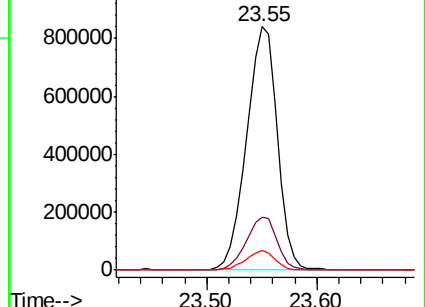
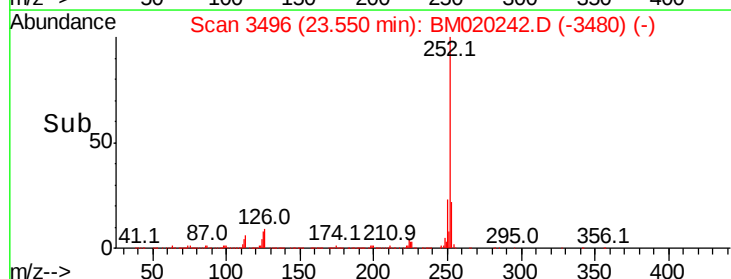
125 8.2 5.5 8.3

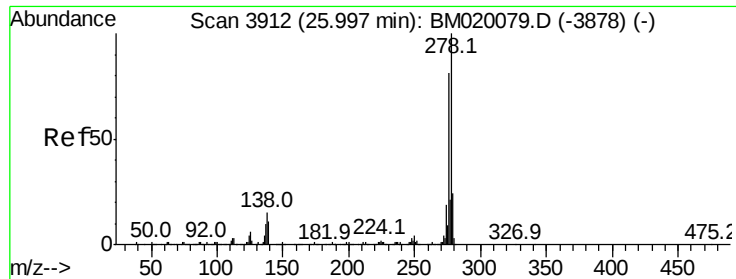


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



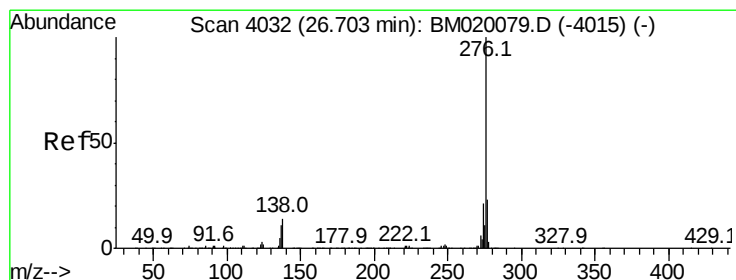
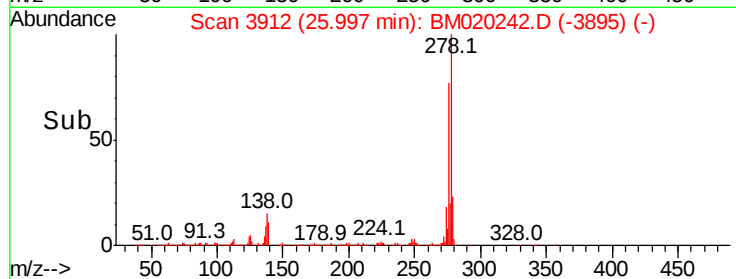
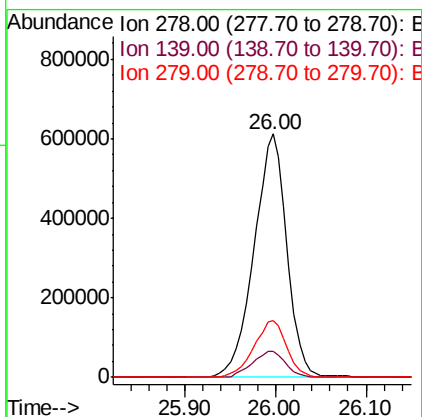
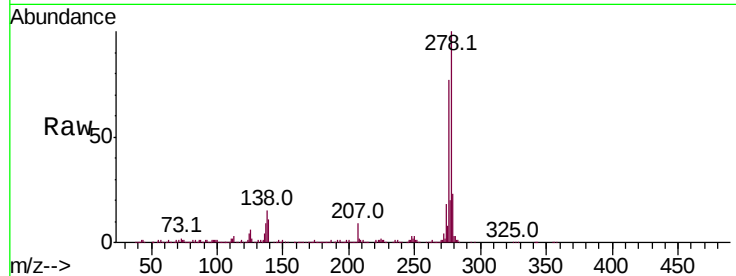


#91
Dibenzo(a,h)anthracene
Concen: 34.585 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.00 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:278 Resp: 1543300

Ion	Ratio	Lower	Upper
278	100		
139	10.7	8.6	13.0
279	23.5	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 32.894 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.00 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:276 Resp: 1393582

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	14.0	11.1	16.7

