

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020245.D
 Acq On : 10 May 2019 17:04
 Operator : JU/SJ
 Sample : K2746-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Quant Time: May 11 01:49:34 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	7.78	152	75302	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	328556	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	232704	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	600590	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	670458	20.00	ng	0.00
87) Perylene-d12	23.65	264	700173	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	591209	128.33	ng	-0.01
7) Phenol-d6	6.95	99	870854	138.37	ng	0.00
23) Nitrobenzene-d5	8.95	82	596084	71.63	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	469350	129.94	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1255080	66.36	ng	-0.02
79) Terphenyl-d14	19.80	244	2565415	66.74	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	63706	28.196	ng	92
3) Pyridine	3.69	79	188066	32.546	ng	96
4) n-Nitrosodimethylamine	3.61	42	64661	34.896	ng	# 66
6) Aniline	7.11	93	209200	26.406	ng	98
8) 2-Chlorophenol	7.34	128	220123	43.883	ng	97
9) Benzaldehyde	6.93	77	123832	25.997	ng	92
10) Phenol	6.98	94	322535	47.606	ng	92
11) bis(2-Chloroethyl)ether	7.21	93	209504	42.545	ng	96
12) 1,3-Dichlorobenzene	7.66	146	215192	36.872	ng	96
13) 1,4-Dichlorobenzene	7.81	146	221685	37.601	ng	96
14) 1,2-Dichlorobenzene	8.12	146	216843	38.605	ng	98
15) Benzyl Alcohol	8.02	79	252198	41.558	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	161760	39.616	ng	95
17) 2-Methylphenol	8.22	107	205350	47.083	ng	93
18) Hexachloroethane	8.84	117	85245	34.677	ng	97
19) n-Nitroso-di-n-propylamine	8.58	70	222367	41.298	ng	97
20) 3+4-Methylphenols	8.55	107	278096	47.976	ng	96
22) Acetophenone	8.60	105	353509	39.369	ng	# 96
24) Nitrobenzene	8.99	77	315981	36.620	ng	94
25) Isophorone	9.50	82	584702	40.742	ng	98
26) 2-Nitrophenol	9.69	139	123926	47.573	ng	92
27) 2,4-Dimethylphenol	9.74	122	214788	49.526	ng	95
28) bis(2-Chloroethoxy)methane	9.99	93	313382	40.094	ng	98
29) 2,4-Dichlorophenol	10.22	162	242576	44.357	ng	98
30) 1,2,4-Trichlorobenzene	10.43	180	252186	37.478	ng	97
31) Naphthalene	10.62	128	665094	39.008	ng	100
32) Benzoic acid	9.85	122	44945	19.170	ng	95
33) 4-Chloroaniline	10.74	127	111243	15.852	ng	96
34) Hexachlorobutadiene	10.88	225	160394	33.695	ng	99
35) Caprolactam	11.55	113	44332	27.111	ng	96
36) 4-Chloro-3-methylphenol	11.86	107	284177	44.219	ng	94
37) 2-Methylnaphthalene	12.23	142	523018	42.077	ng	96
38) 1-Methylnaphthalene	12.45	142	499233	41.073	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	320445	35.197	ng	99

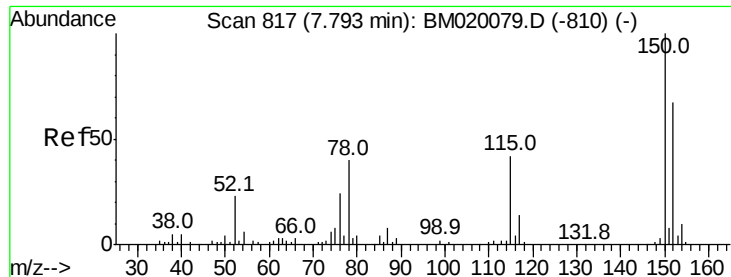
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	291519	54.381	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	228810	44.221	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	244457	42.291	ng	98
46) 1,1'-Biphenyl	13.25	154	712107	37.178	ng	98
47) 2-Chloronaphthalene	13.29	162	570924	37.333	ng	99
48) 2-Nitroaniline	13.51	65	216562	39.777	ng	95
49) Acenaphthylene	14.15	152	914340	37.359	ng	99
50) Dimethylphthalate	13.89	163	889228	44.960	ng	99
51) 2,6-Dinitrotoluene	14.01	165	170940	41.035	ng	90
52) Acenaphthene	14.49	154	533697	38.026	ng	99
53) 3-Nitroaniline	14.34	138	105232	27.218	ng	99
54) 2,4-Dinitrophenol	14.55	184	151684	73.469	ng	89
55) Dibenzofuran	14.82	168	912622	38.550	ng	97
56) 4-Nitrophenol	14.66	139	295778	89.665	ng	# 82
57) 2,4-Dinitrotoluene	14.80	165	246894	43.618	ng	92
58) Fluorene	15.47	166	756654	38.917	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.05	232	245116	44.623	ng	97
60) Diethylphthalate	15.25	149	774006	38.844	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	423511	38.444	ng	96
62) 4-Nitroaniline	15.52	138	157547	36.924	ng	90
63) Azobenzene	15.76	77	845274	35.958	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	133534	44.653	ng	98
66) n-Nitrosodiphenylamine	15.69	169	681659	38.571	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	268099	36.403	ng	95
68) Hexachlorobenzene	16.46	284	310357	36.620	ng	98
69) Atrazine	16.64	200	262494	38.007	ng	98
70) Pentachlorophenol	16.82	266	425248	87.697	ng	98
71) Phenanthrene	17.21	178	1248435	37.657	ng	99
72) Anthracene	17.30	178	1294164	39.043	ng	98
73) Carbazole	17.58	167	1176339	39.330	ng	99
74) Di-n-butylphthalate	18.13	149	1372220	38.123	ng	98
75) Fluoranthene	19.23	202	1630009	38.859	ng	100
77) Benzidine	19.43	184	699583	32.637	ng	98
78) Pyrene	19.60	202	1682088	37.368	ng	100
80) Butylbenzylphthalate	20.49	149	679791	41.528	ng	97
81) Benzo(a)anthracene	21.34	228	1703264	36.225	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	489133	27.256	ng	98
83) Chrysene	21.40	228	1702981	37.346	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	996018	39.212	ng	98
85) Di-n-octyl phthalate	22.15	149	1763524	41.772	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1666342	30.721	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1749281	37.834	ng	99
89) Benzo(k)fluoranthene	23.00	252	1712900	40.614	ng	99
90) Benzo(a)pyrene	23.55	252	1632022	38.860	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	1447121	33.134	ng	100
92) Benzo(g,h,i)perylene	26.70	276	1316068	31.739	ng	99

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

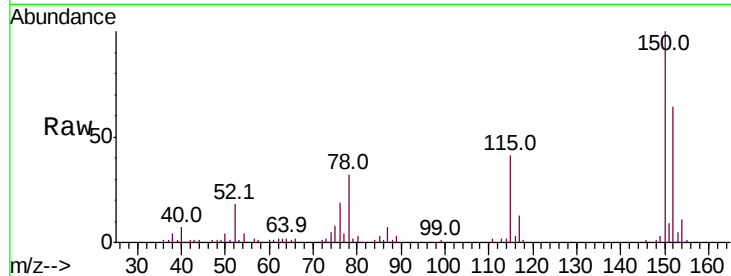


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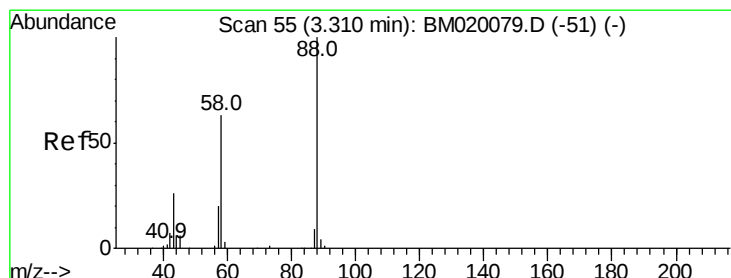
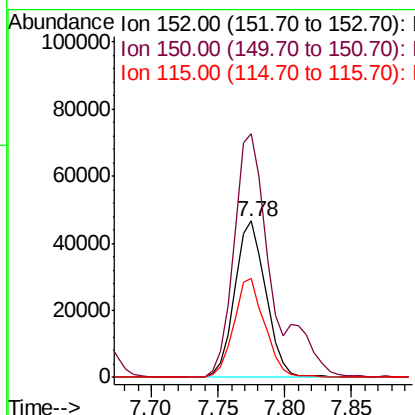
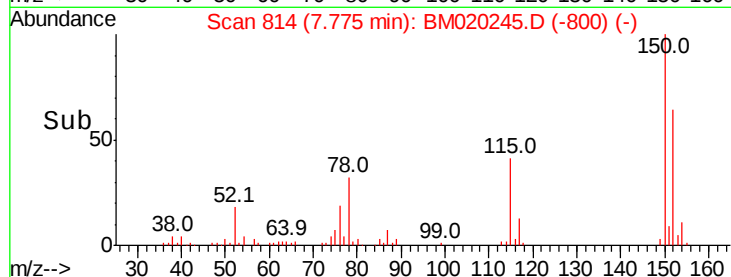
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.78 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion:152 Resp: 75302
 Ion Ratio Lower Upper
 152 100
 150 156.0 119.8 179.8
 115 63.3 50.8 76.2



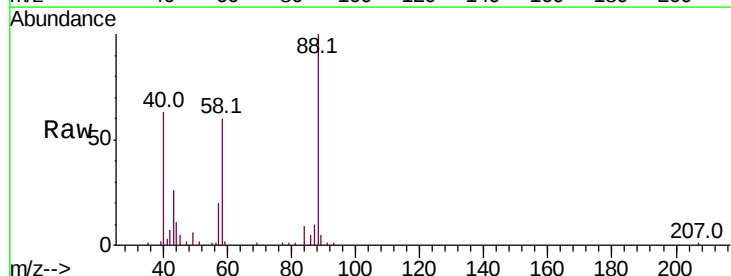
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



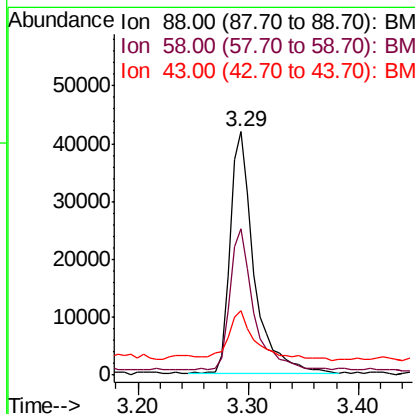
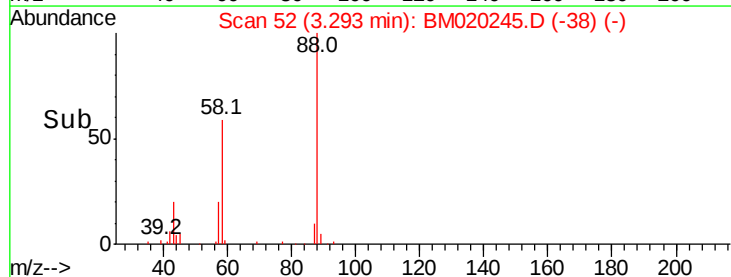
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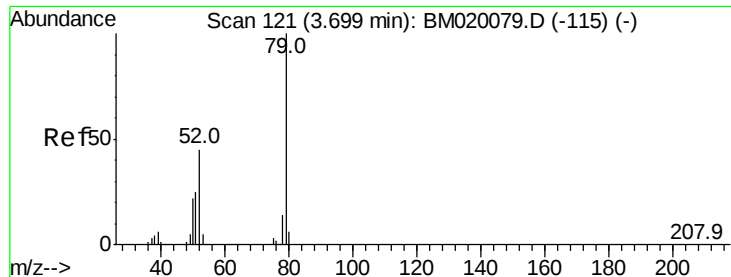
1,4-Dioxane
 Concen: 28.196 ng
 RT: 3.29 min Scan# 52
 Delta R.T. -0.02 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

Tgt Ion: 88 Resp: 63706
 Ion Ratio Lower Upper
 88 100
 58 56.4 51.8 77.6
 43 24.3 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: 32.546 ng

RT: 3.69 min Scan# 119

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

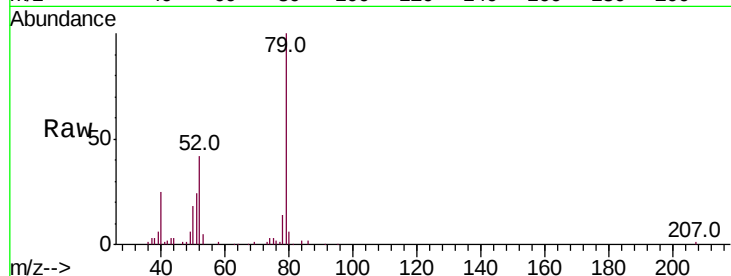
Tot Ion: 79 Resp: 188066

Ion Ratio Lower Upper

79 100

52 42.5 35.7 53.5

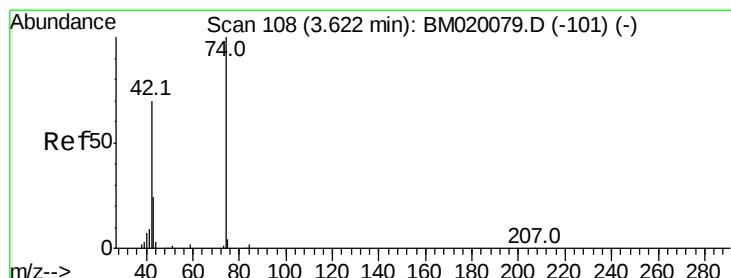
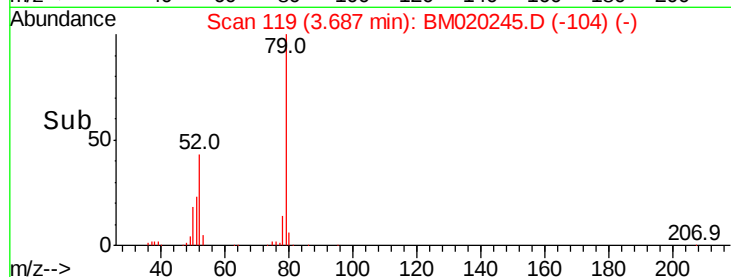
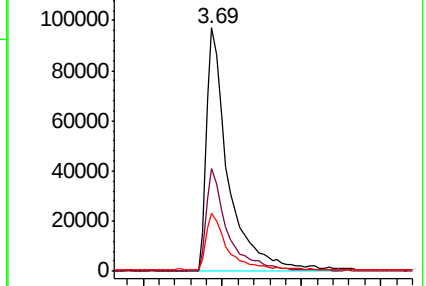
51 23.7 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020079.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 34.896 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

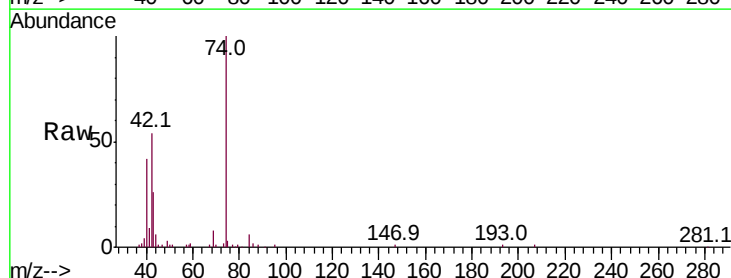
Tgt Ion: 42 Resp: 64661

Ion Ratio Lower Upper

42 100

74 184.6 113.7 170.5#

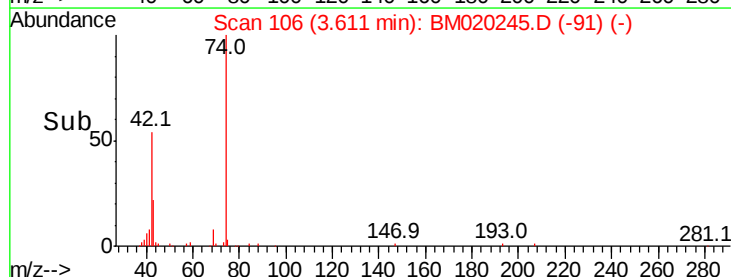
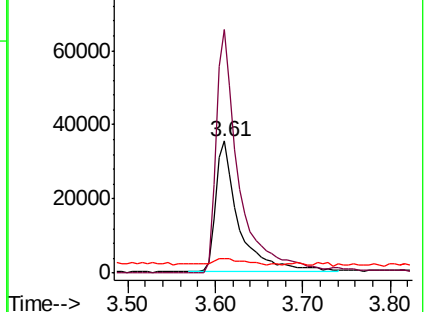
44 11.2 3.9 5.9#

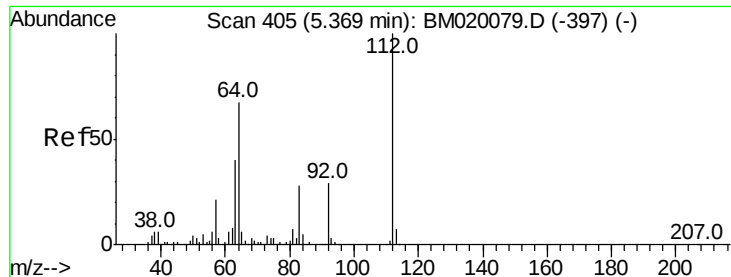


Abundance Ion 42.00 (41.70 to 42.70): BM020245.D (-91) (-)

Ion 74.00 (73.70 to 74.70): BM020245.D (-91) (-)

Ion 44.00 (43.70 to 44.70): BM020245.D (-91) (-)





#5

2-Fluorophenol

Concen: 128.335 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

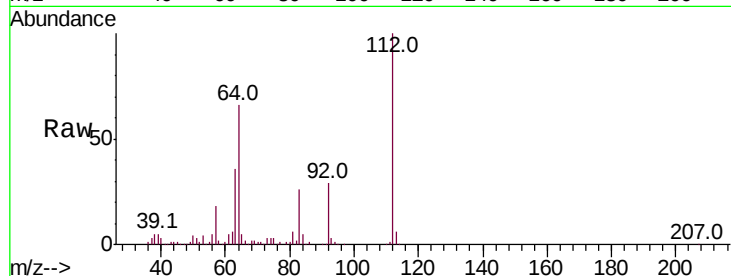
Tot Ion:112 Resp: 591209

Ion Ratio Lower Upper

112 100

64 66.2 53.8 80.6

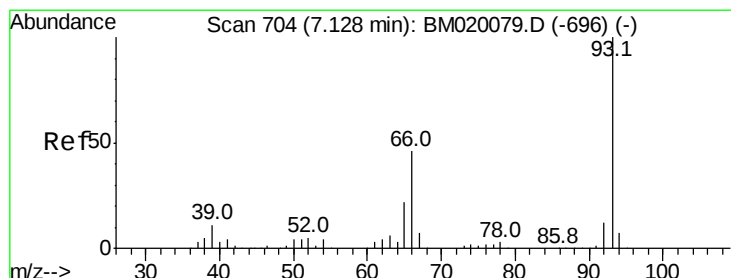
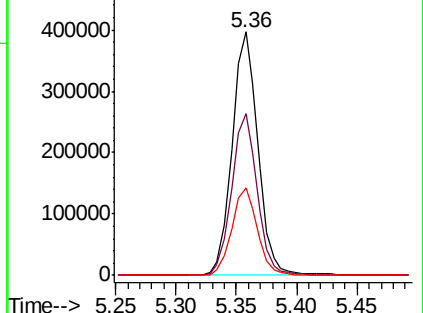
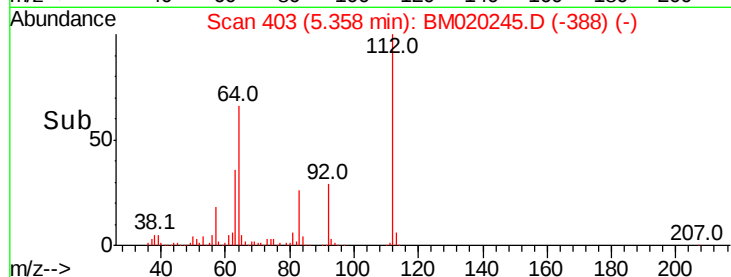
63 36.1 32.3 48.5



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: 26.406 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

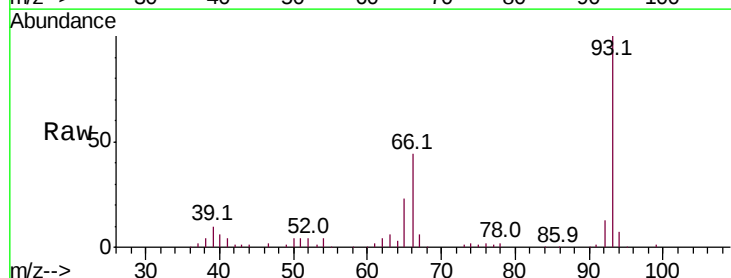
Tgt Ion: 93 Resp: 209200

Ion Ratio Lower Upper

93 100

66 44.4 36.6 54.8

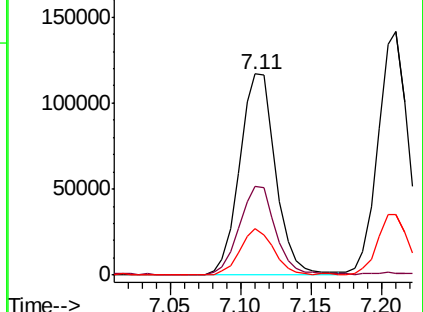
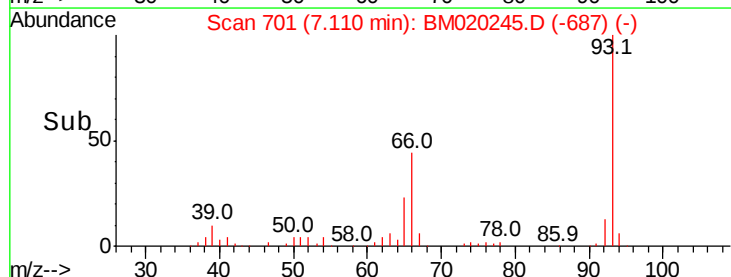
65 23.2 17.8 26.6

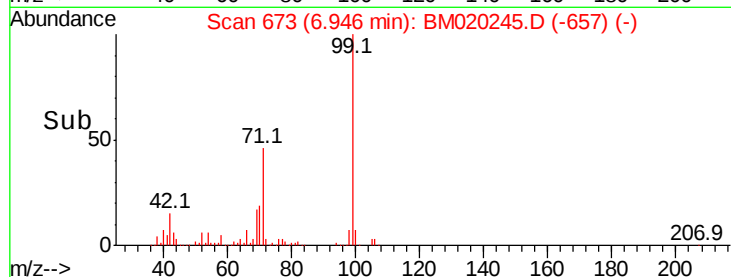
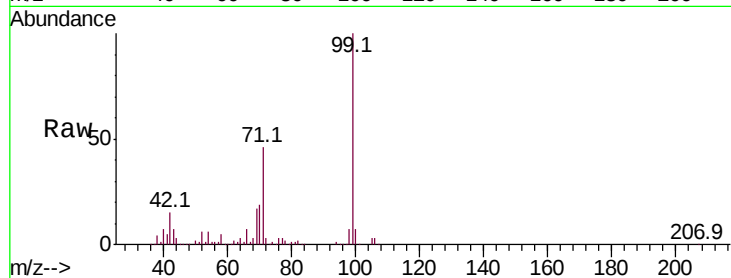
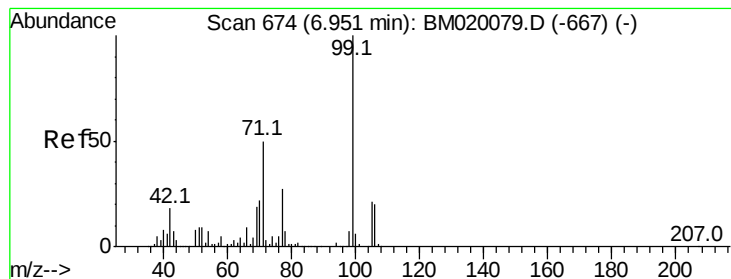


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 138.374 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

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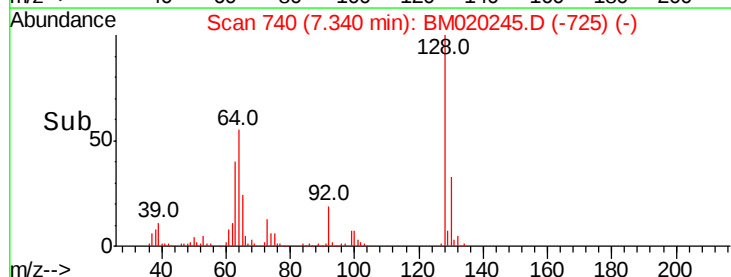
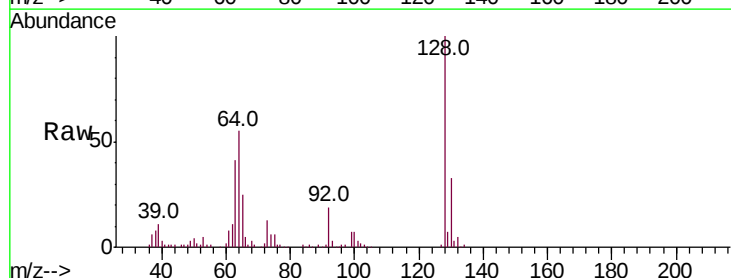
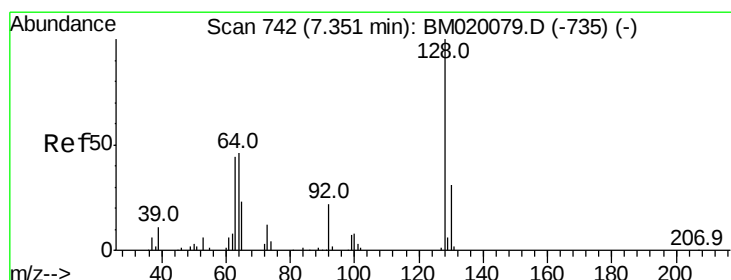
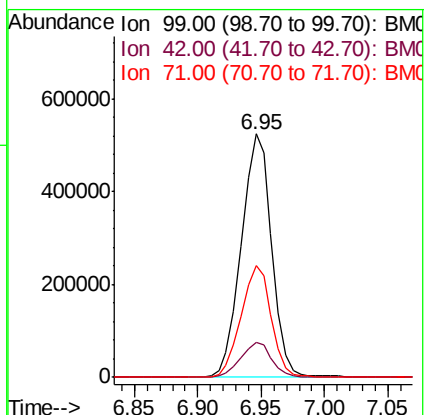
Tot Ion: 99 Resp: 870854

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.2

71 46.0 40.3 60.5



#8

2-Chlorophenol

Concen: 43.883 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

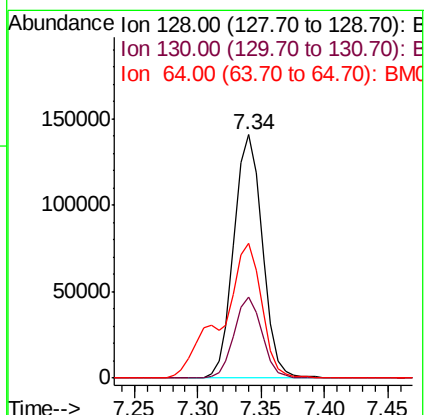
Tgt Ion: 128 Resp: 220123

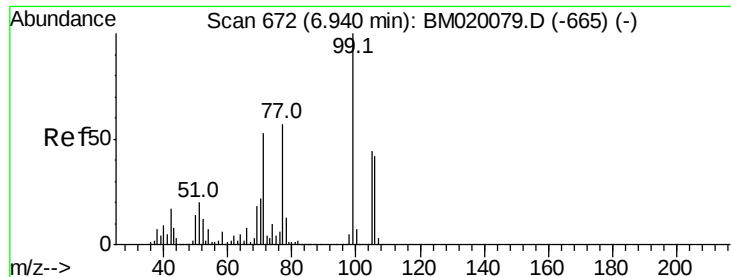
Ion Ratio Lower Upper

128 100

130 33.3 10.8 50.8

64 55.2 36.5 76.5





#9

Benzaldehyde

Concen: 25.997 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

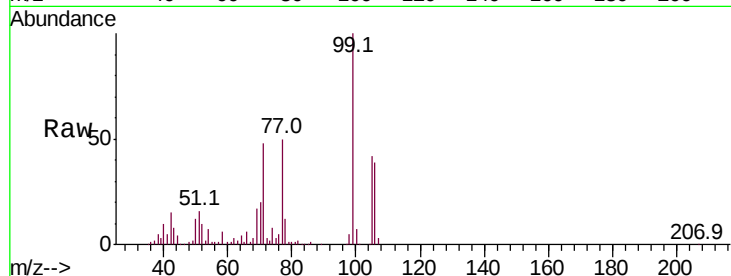
Tot Ion: 77 Resp: 123832

Ion Ratio Lower Upper

77 100

105 85.0 57.8 97.8

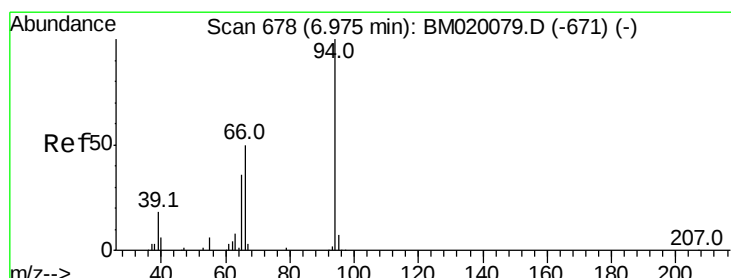
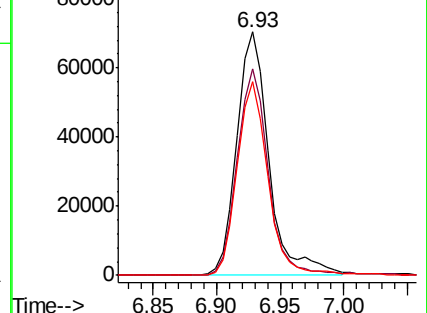
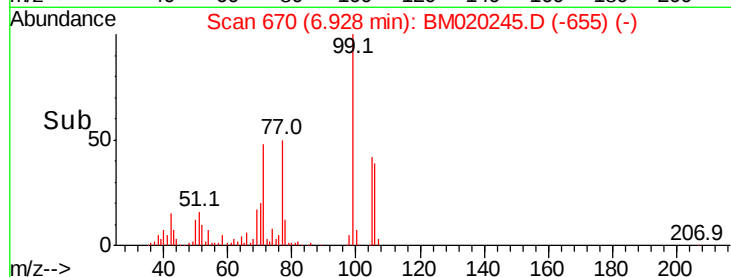
106 79.4 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020245.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM020245.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM020245.D (-655) (-)



#10

Phenol

Concen: 47.606 ng

RT: 6.98 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

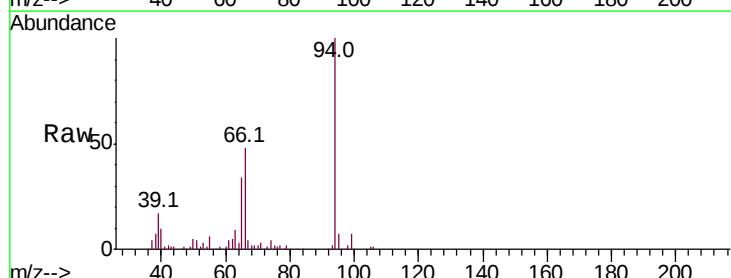
Tgt Ion: 94 Resp: 322535

Ion Ratio Lower Upper

94 100

65 34.0 17.0 57.0

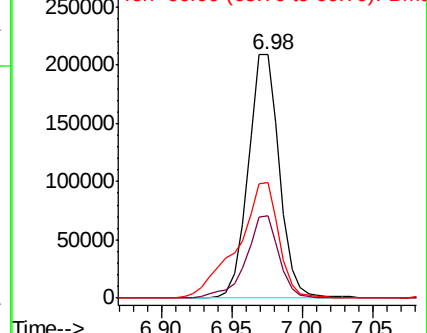
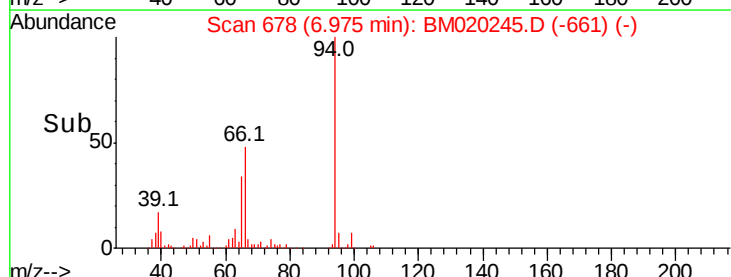
66 47.7 34.5 74.5

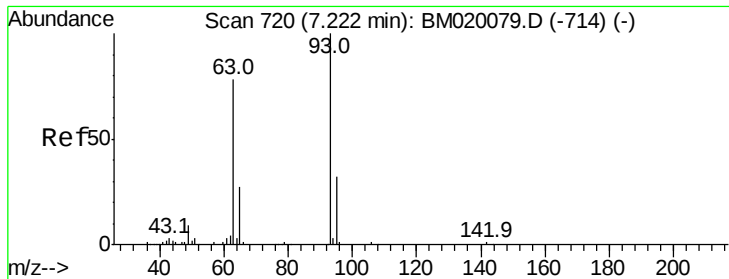


Abundance Ion 94.00 (93.70 to 94.70): BM020245.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020245.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020245.D (-661) (-)

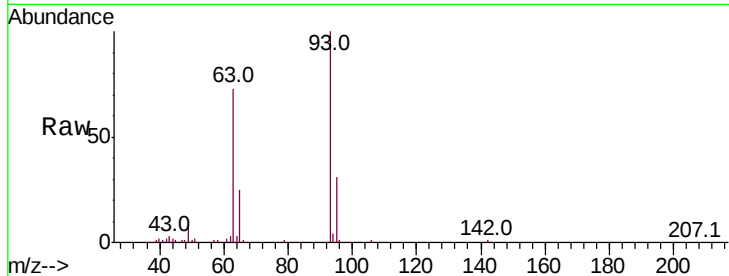




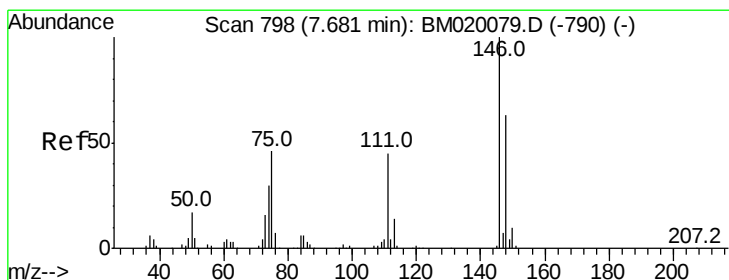
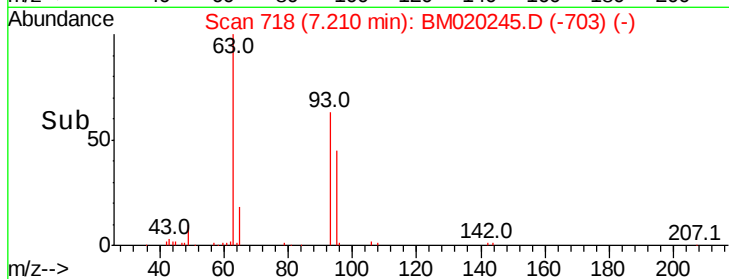
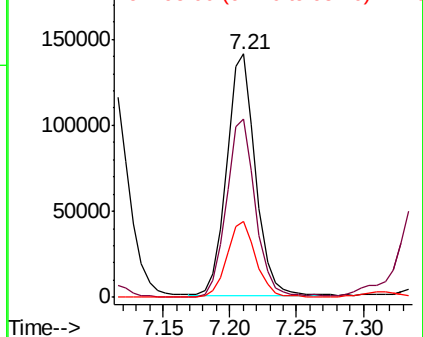
#11
bis(2-Chloroethyl)ether
Concen: 42.545 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion: 93 Resp: 209504
Ion Ratio Lower Upper
93 100
63 73.4 57.9 97.9
95 31.1 11.3 51.3

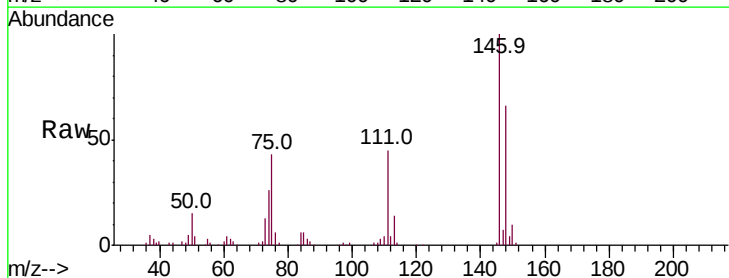


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

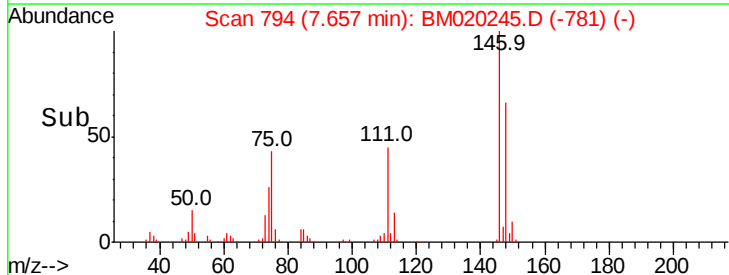
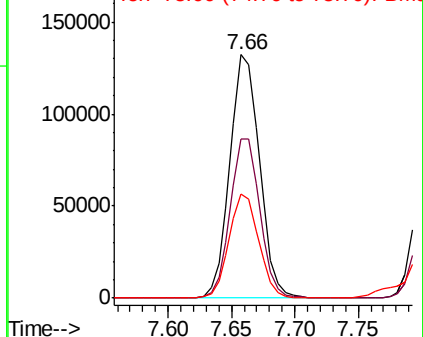


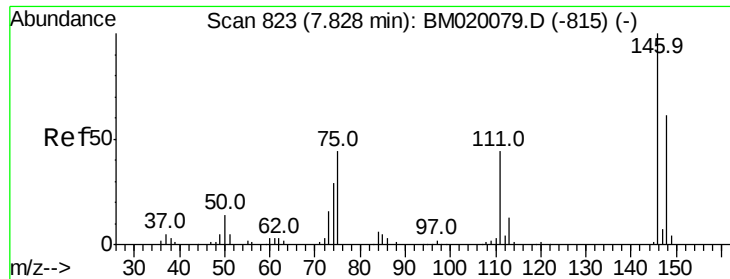
#12
1,3-Dichlorobenzene
Concen: 36.872 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion: 146 Resp: 215192
Ion Ratio Lower Upper
146 100
148 65.5 50.1 75.1
75 43.0 37.2 55.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0

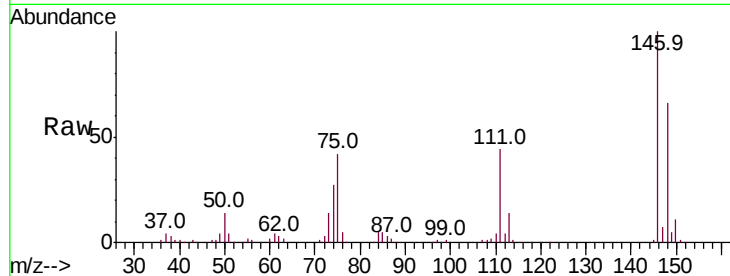




#13
 1,4-Dichlorobenzene
 Concen: 37.601 ng
 RT: 7.81 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	48.5	72.7
111	43.9	35.7	53.5

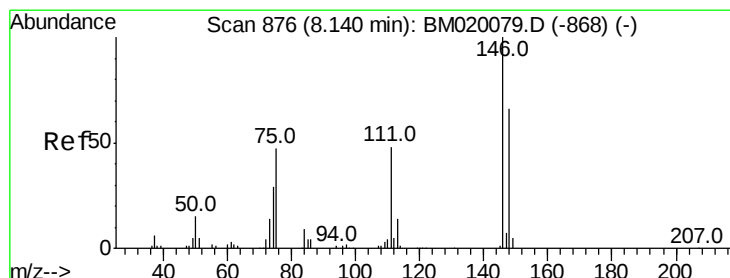
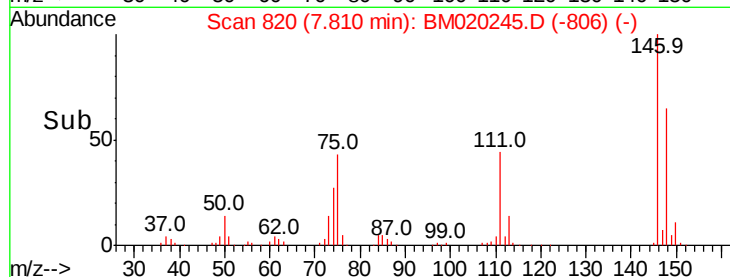
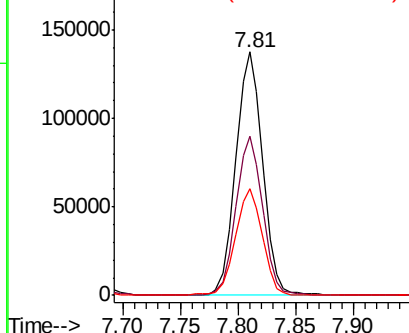


Abundance

Ion 146.00 (145.70 to 146.70): E

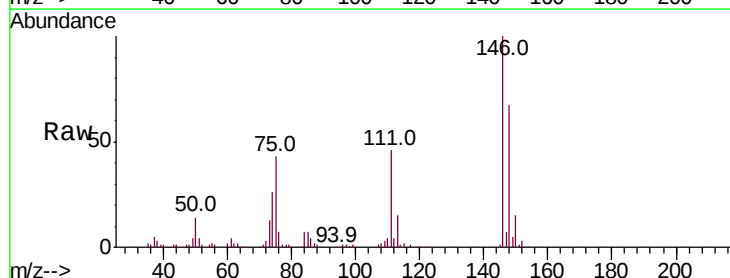
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.605 ng
 RT: 8.12 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.6	79.0
111	46.1	39.0	58.4

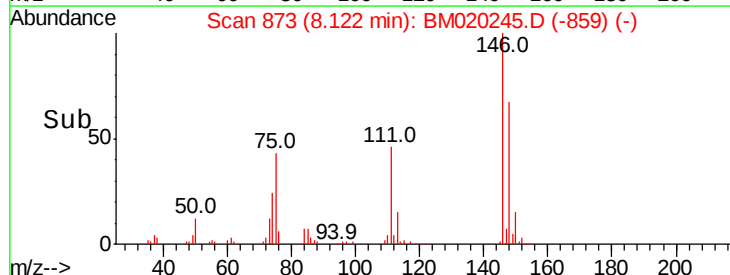
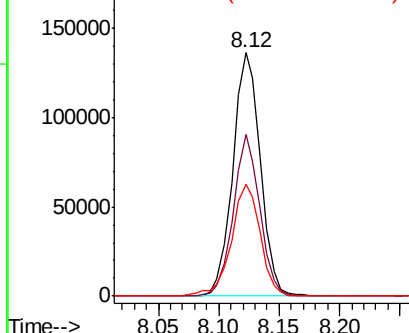


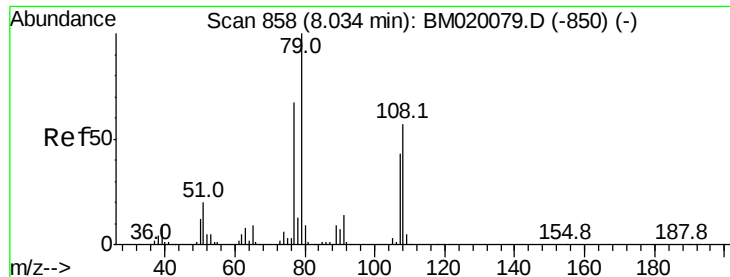
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.558 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

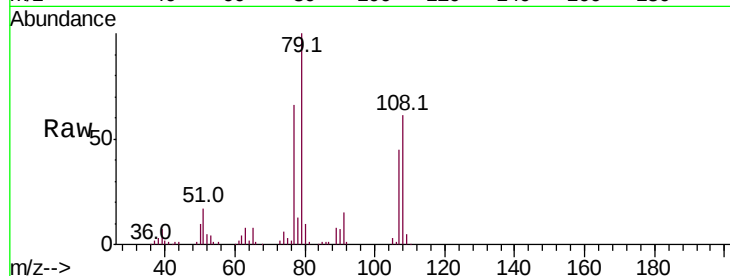
Tot Ion: 79 Resp: 252198

Ion Ratio Lower Upper

79 100

108 61.3 46.0 69.0

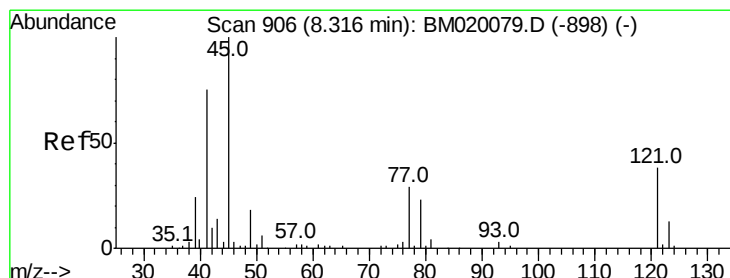
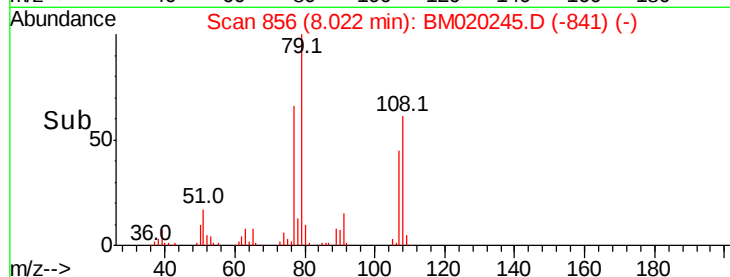
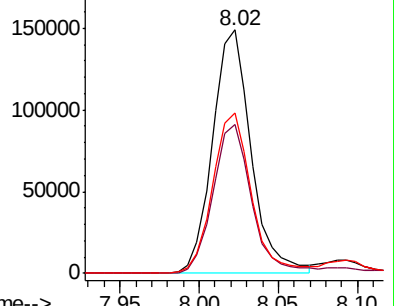
77 65.7 53.8 80.6



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: 39.616 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

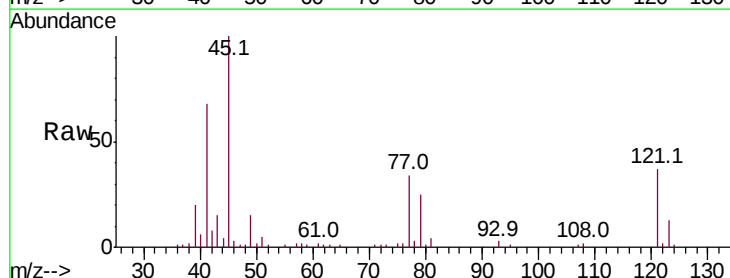
Tgt Ion: 45 Resp: 161760

Ion Ratio Lower Upper

45 100

77 34.0 10.5 50.5

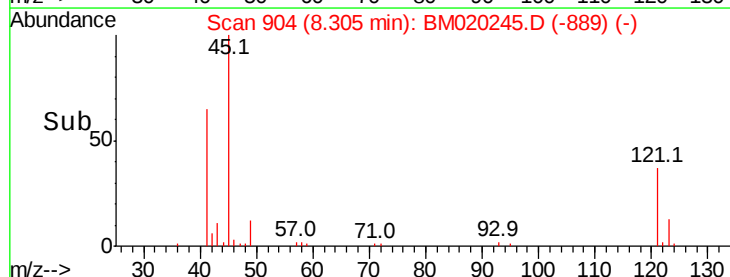
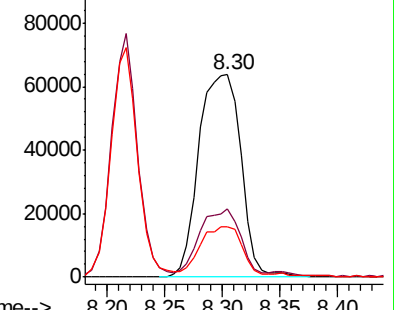
79 24.9 3.3 43.3

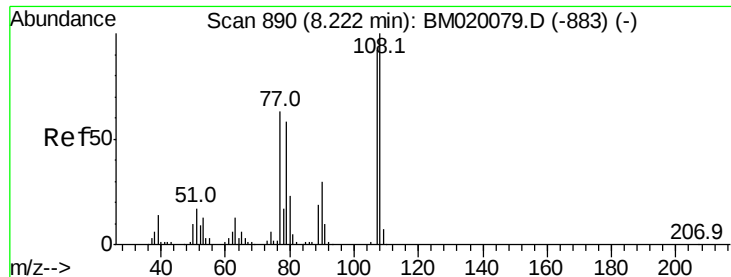


Abundance Ion 45.00 (44.70 to 45.70): BM020079.D (-898) (-)

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

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

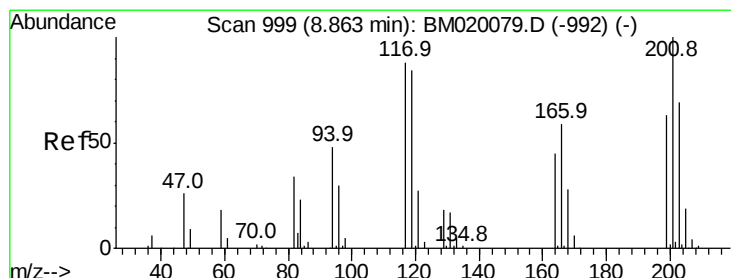
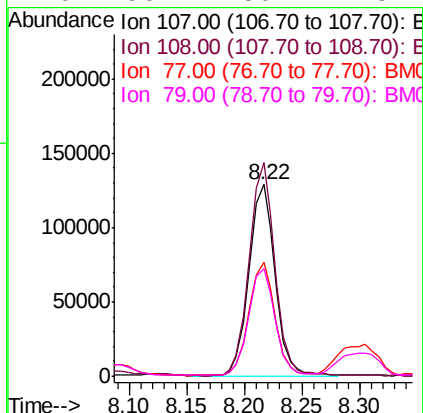
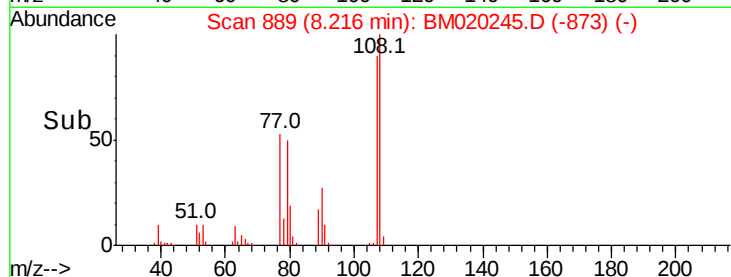
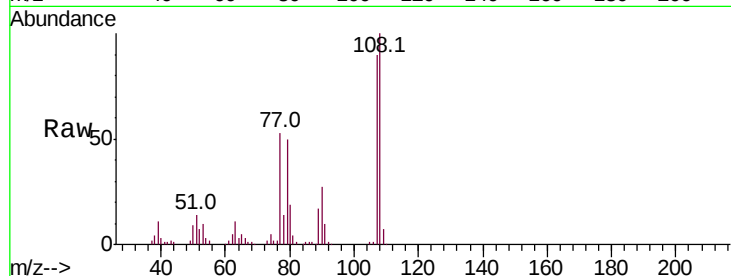




#17
2-Methylphenol
Concen: 47.083 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

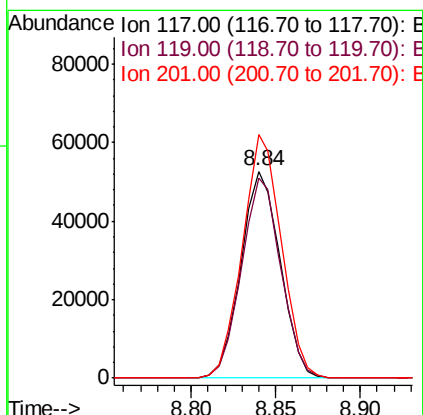
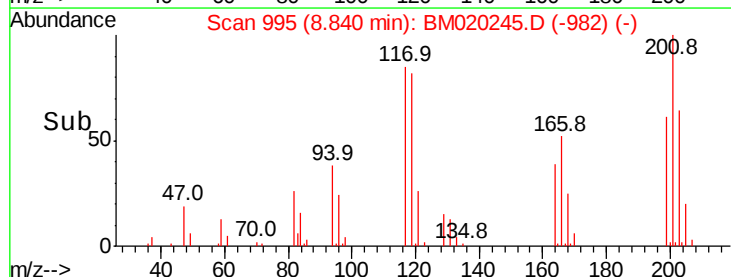
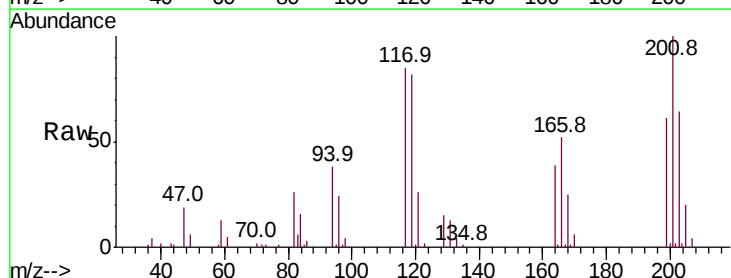
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

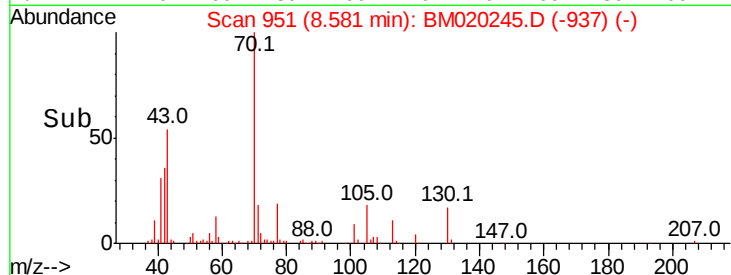
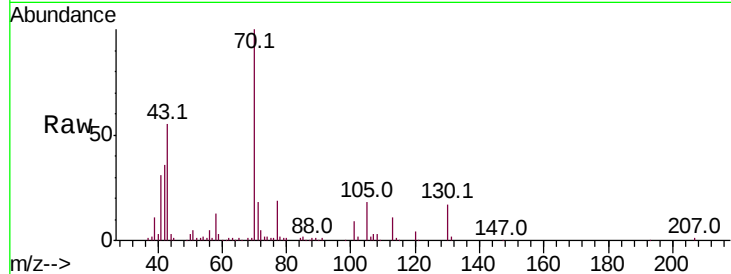
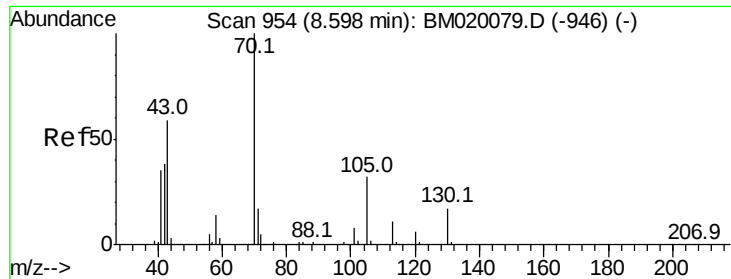
Tot Ion:107 Resp: 205350
Ion Ratio Lower Upper
107 100
108 111.4 87.0 130.4
77 59.4 54.7 82.1
79 56.1 50.1 75.1



#18
Hexachloroethane
Concen: 34.677 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:117 Resp: 85245
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8
201 117.8 90.7 136.1

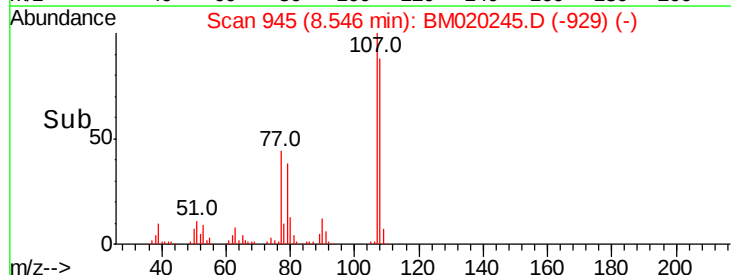
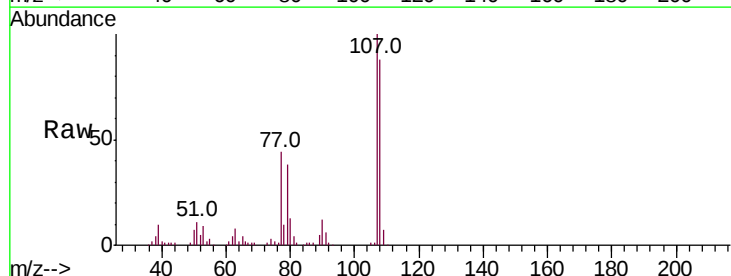
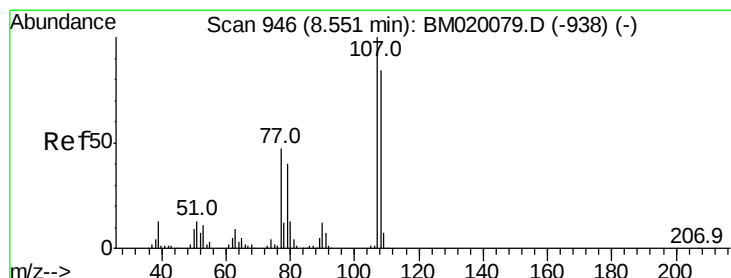
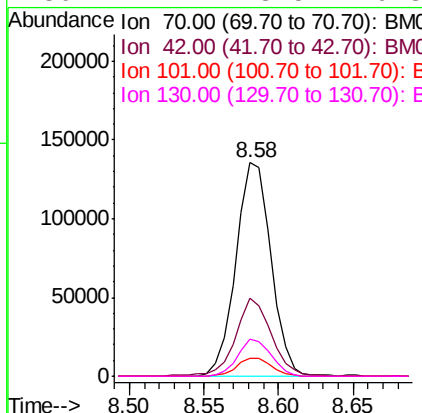




#19
n-Nitroso-di-n-propylamine
Concen: 41.298 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

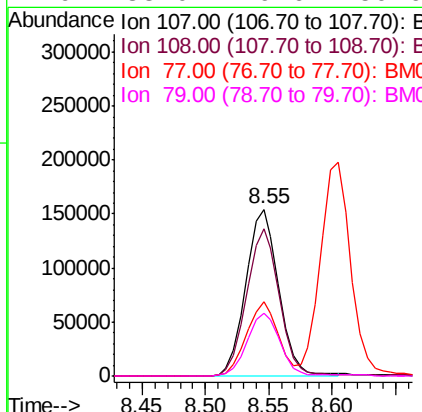
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

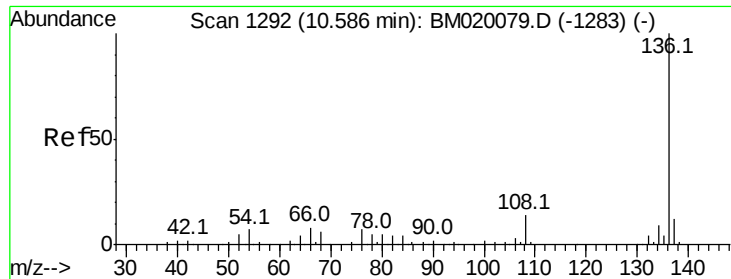
Tot Ion:	70	Resp:	222367
Ion	Ratio	Lower	Upper
70	100		
42	36.3	31.0	46.4
101	8.6	6.2	9.2
130	17.2	13.5	20.3



#20
3+4-Methylphenols
Concen: 47.976 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:	107	Resp:	278096
Ion	Ratio	Lower	Upper
107	100		
108	88.1	64.4	104.4
77	44.3	27.2	67.2
79	38.0	19.6	59.6

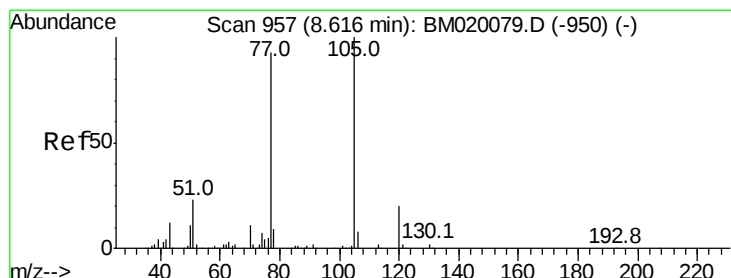
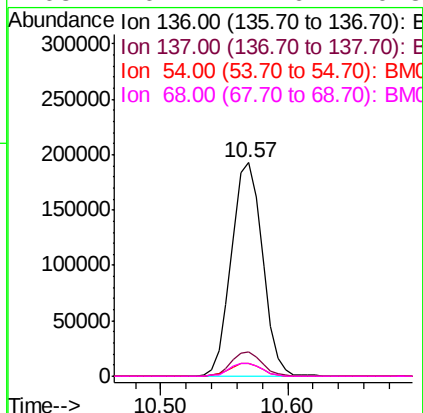
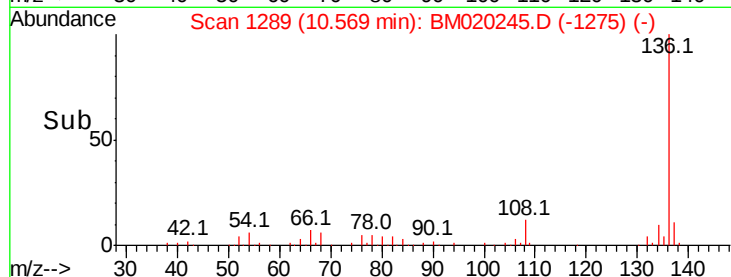
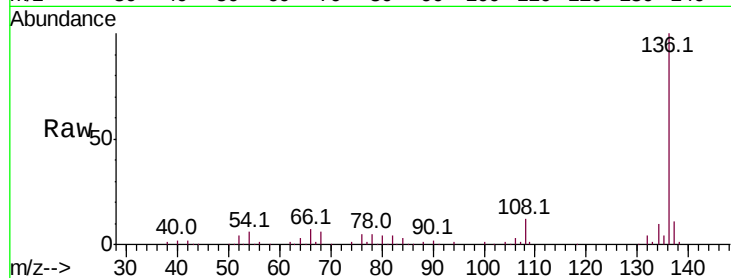




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

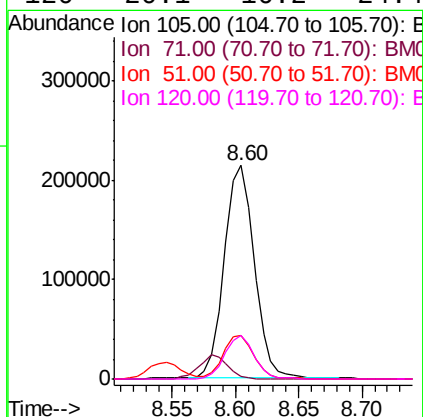
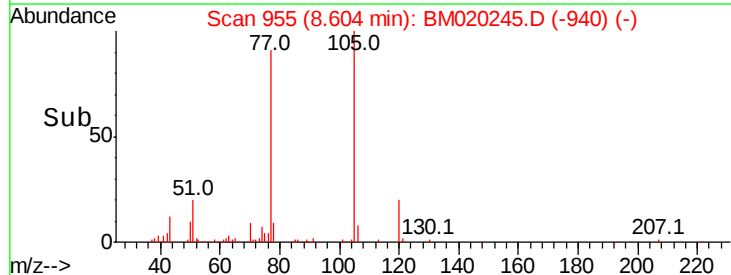
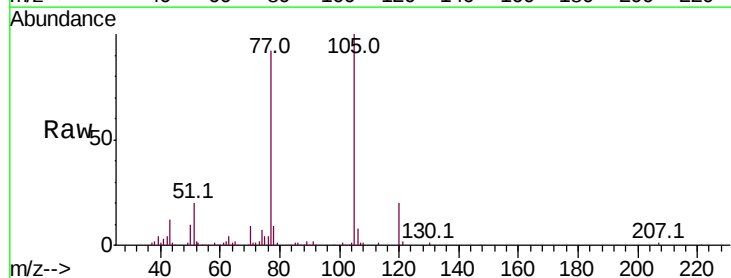
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

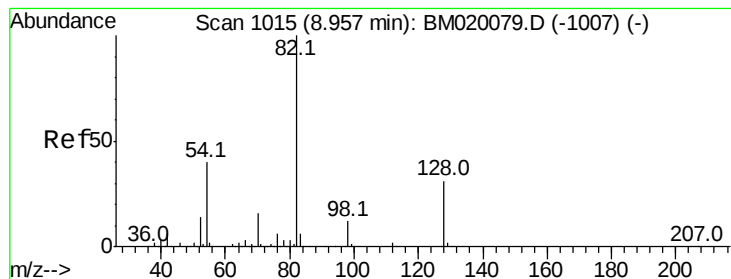
Tot Ion:136	Resp:	328556
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.6 14.4
54	6.0	5.5 8.3
68	6.1	4.6 6.8



#22
Acetophenone
Concen: 39.369 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:105	Resp:	353509
Ion Ratio	Lower	Upper
105	100	
71	1.3	2.2 3.2#
51	20.2	19.3 28.9
120	20.1	16.2 24.4





#23

Nitrobenzene-d5

Concen: 71.627 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

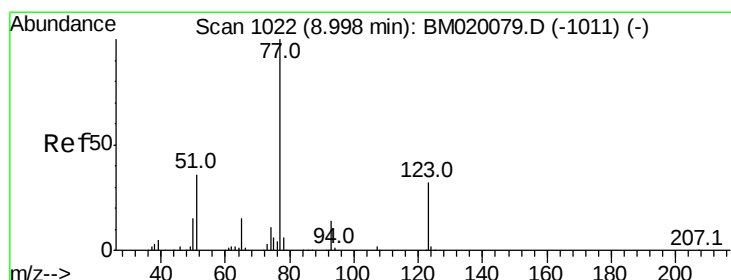
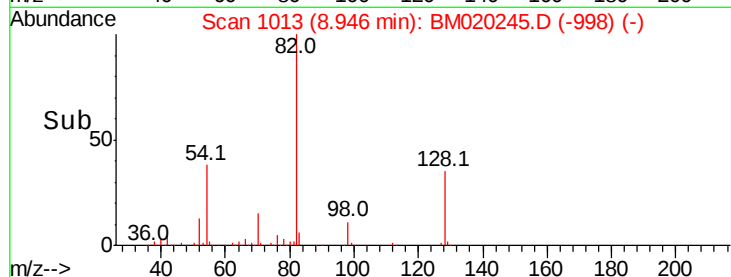
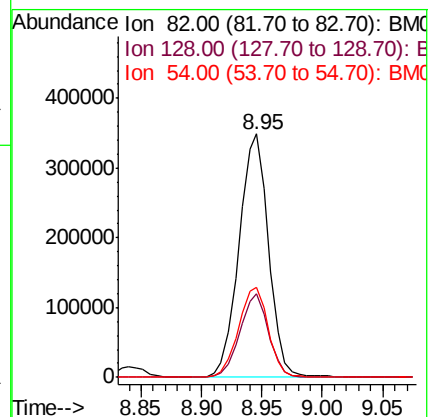
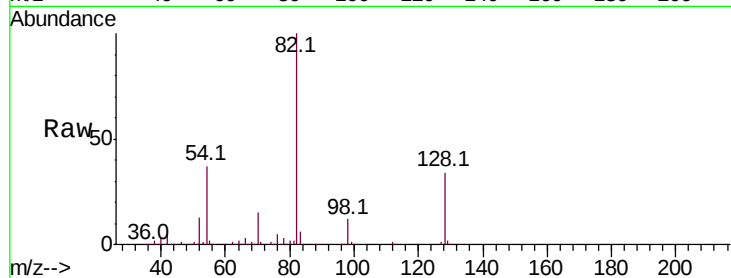
Tot Ion: 82 Resp: 596084

Ion Ratio Lower Upper

82 100

128 34.2 25.2 37.8

54 37.2 31.9 47.9



#24

Nitrobenzene

Concen: 36.620 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

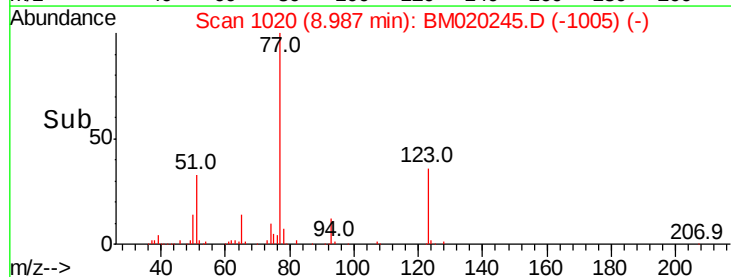
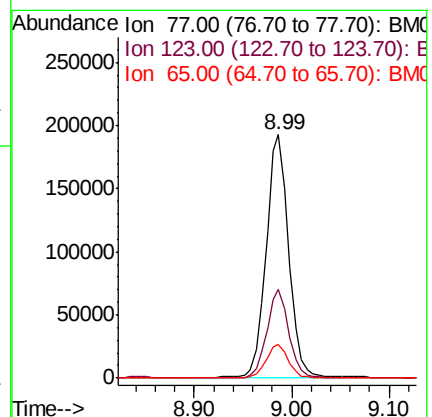
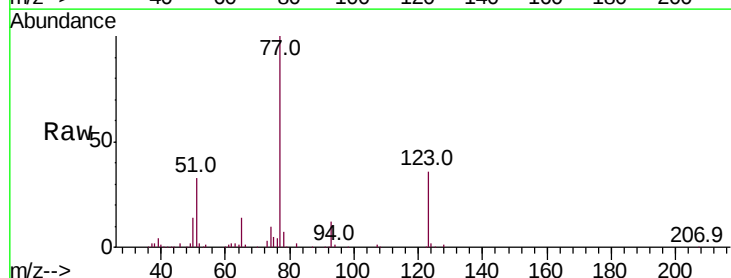
Tgt Ion: 77 Resp: 315981

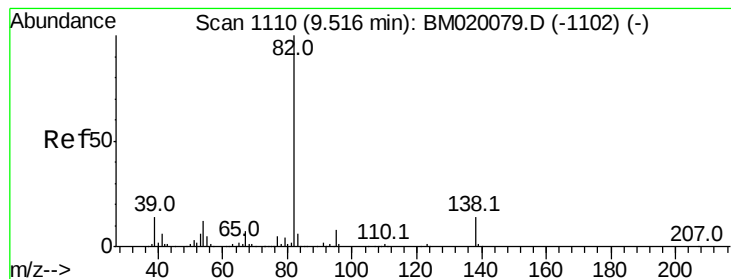
Ion Ratio Lower Upper

77 100

123 36.5 25.5 38.3

65 13.7 11.8 17.6





#25

Isophorone

Concen: 40.742 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

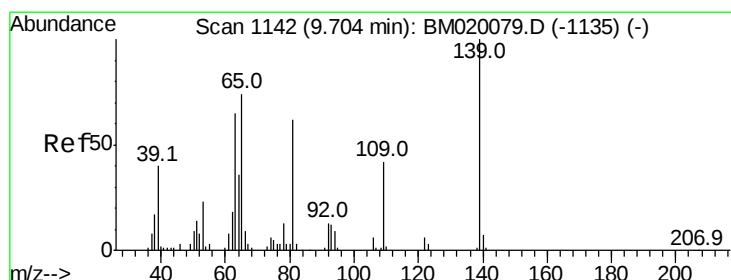
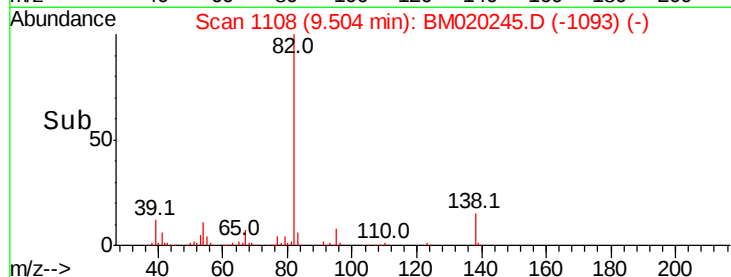
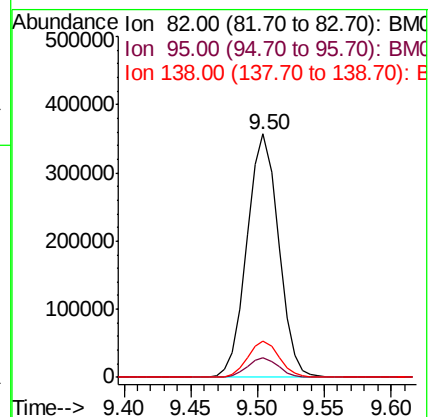
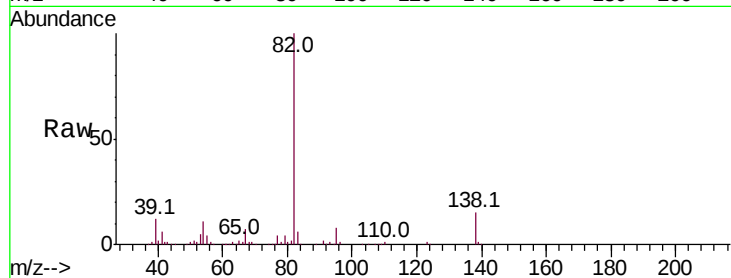
Tot Ion: 82 Resp: 584702

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

138 14.8 11.1 16.7



#26

2-Nitrophenol

Concen: 47.573 ng

RT: 9.69 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

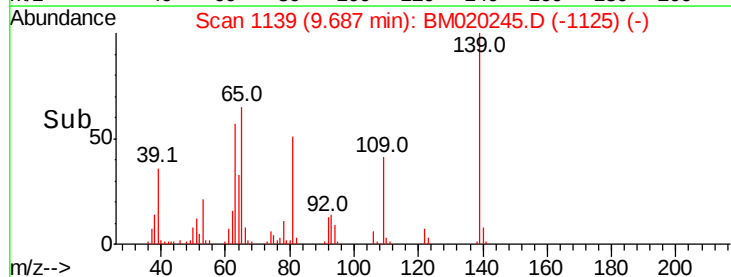
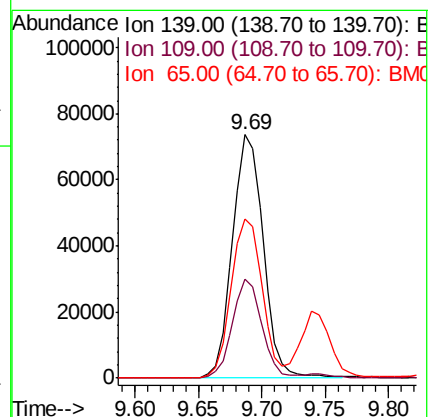
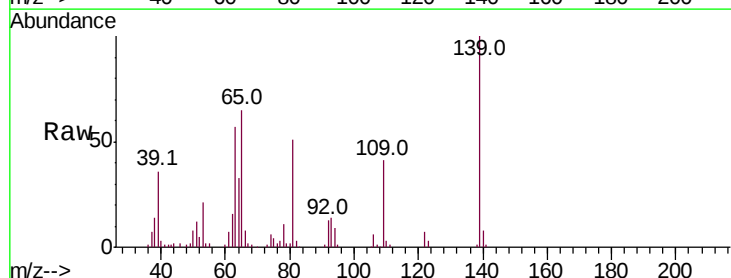
Tgt Ion: 139 Resp: 123926

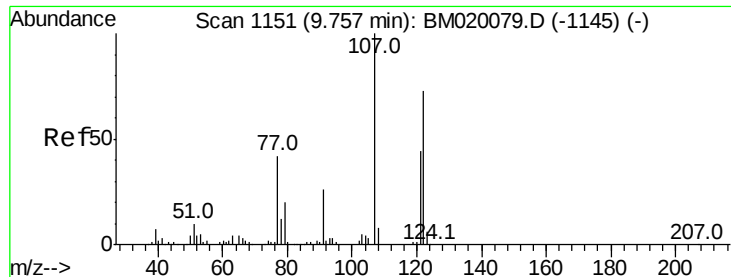
Ion Ratio Lower Upper

139 100

109 40.8 33.7 50.5

65 65.4 59.5 89.3

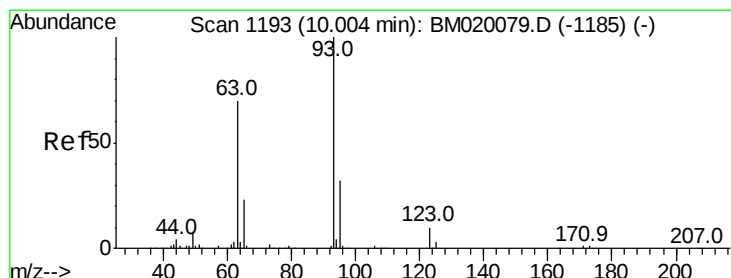
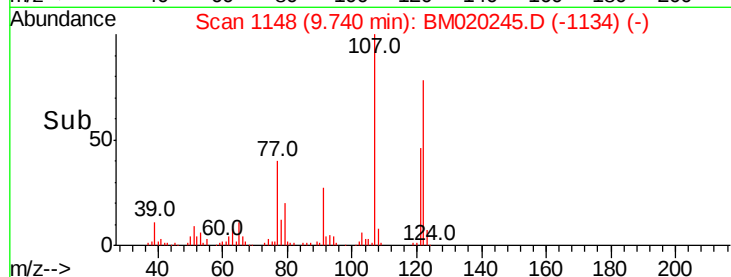
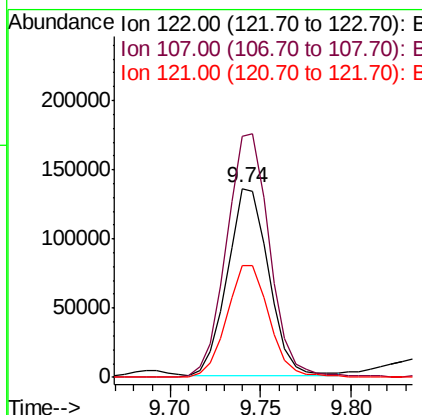
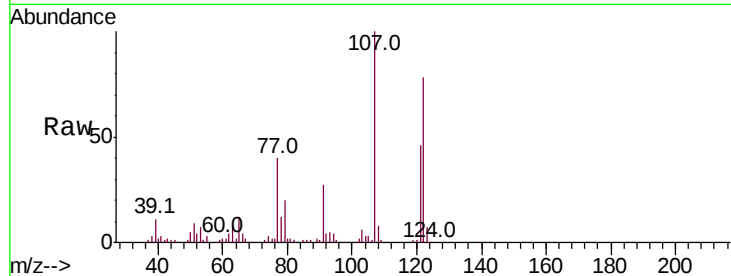




#27
2,4-Dimethylphenol
Concen: 49.526 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

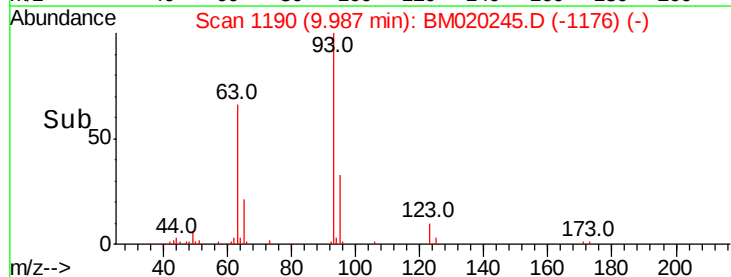
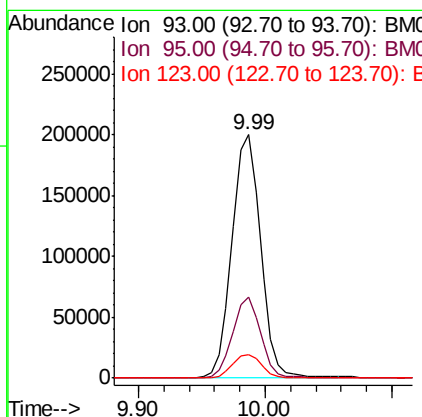
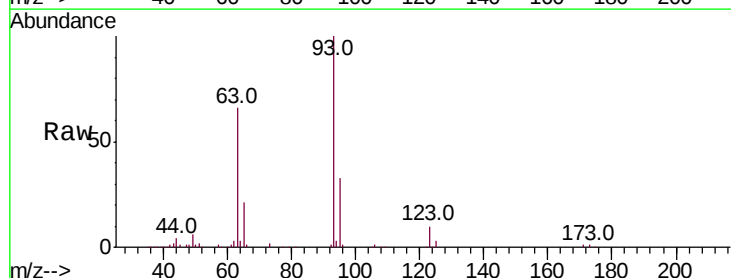
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

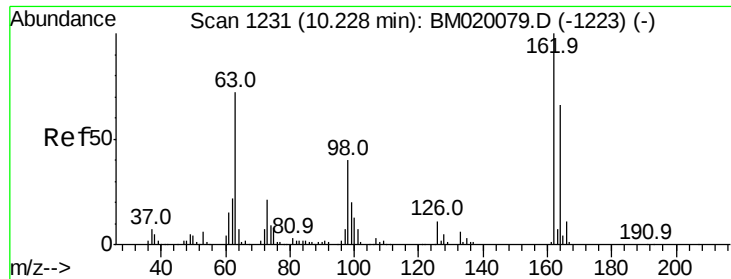
Tot Ion:122 Resp: 214788
Ion Ratio Lower Upper
122 100
107 127.6 108.6 162.8
121 59.3 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 40.094 ng
RT: 9.99 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion: 93 Resp: 313382
Ion Ratio Lower Upper
93 100
95 33.1 25.5 38.3
123 9.6 7.6 11.4

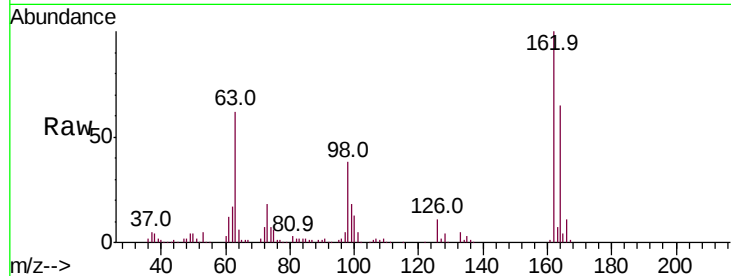




#29
2,4-Dichlorophenol
Concen: 44.357 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.6	85.6
98	38.2	20.4	60.4

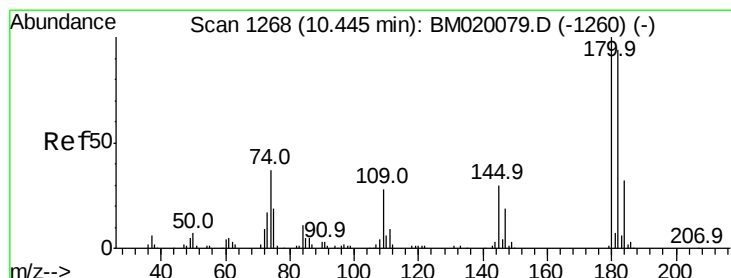
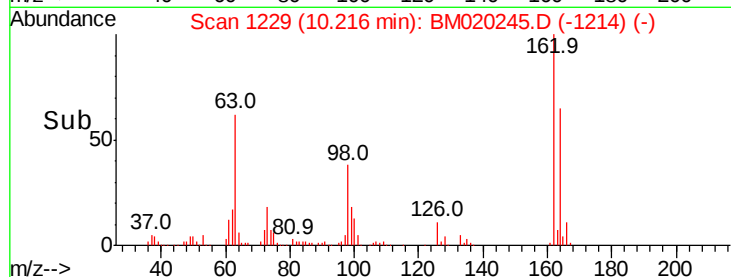
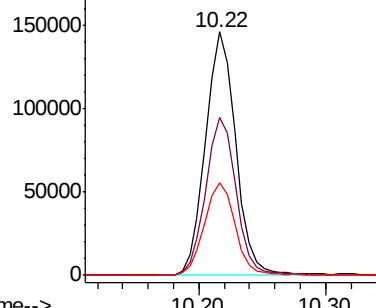


Abundance

Ion 162.00 (161.70 to 162.70): E

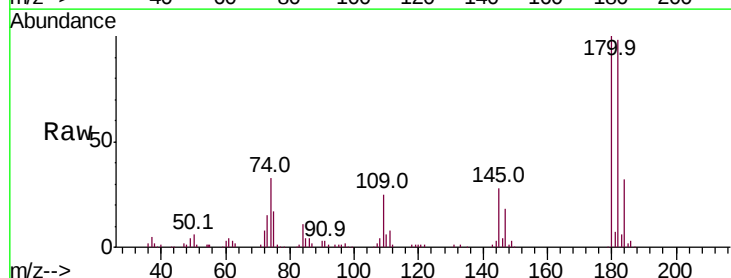
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 37.478 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.4	113.0
145	28.3	23.8	35.8

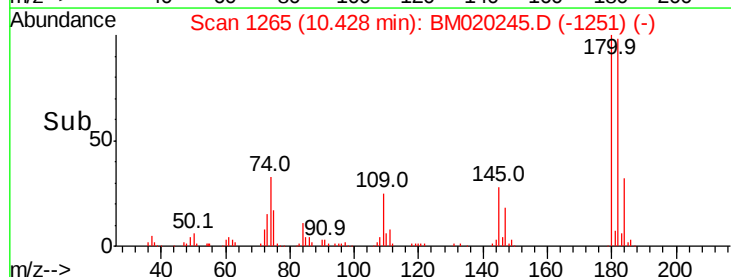
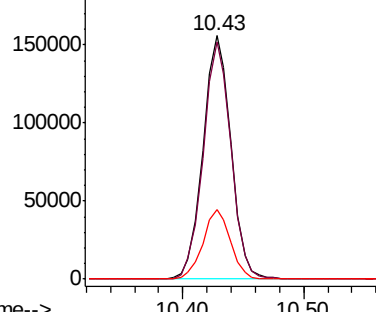


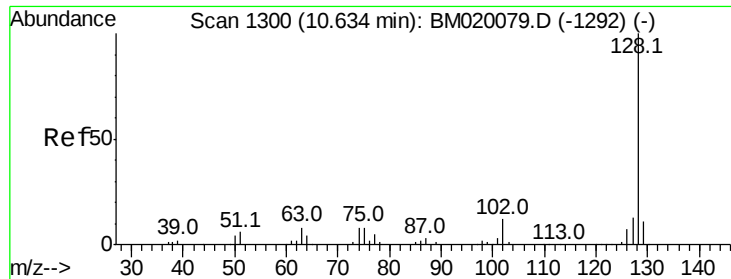
Abundance

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

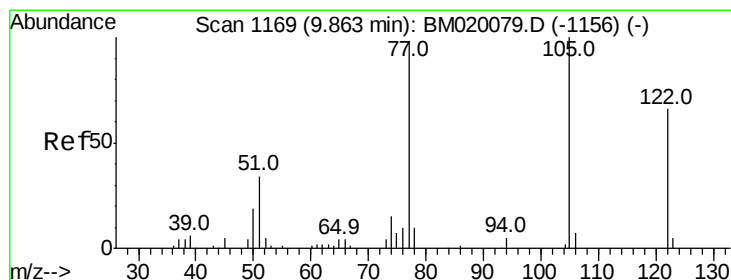
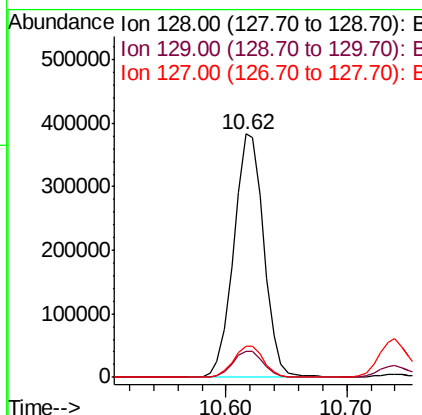
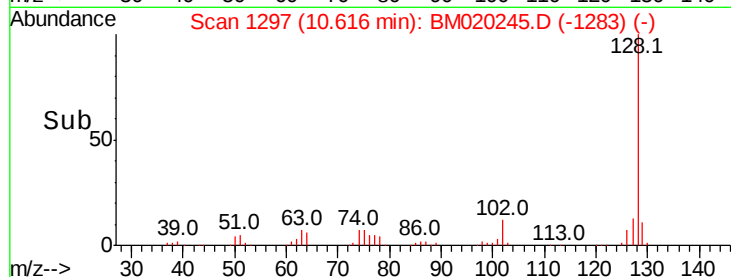
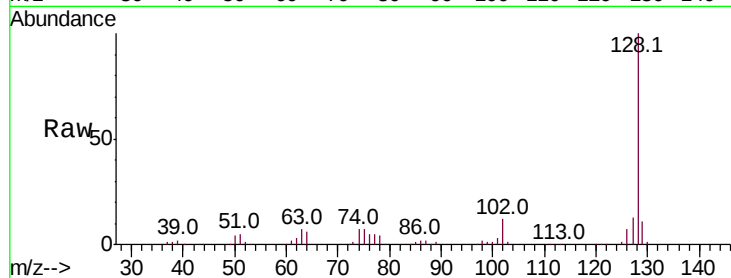




#31
Naphthalene
Concen: 39.008 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

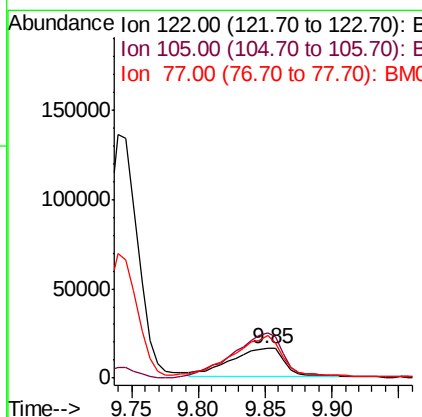
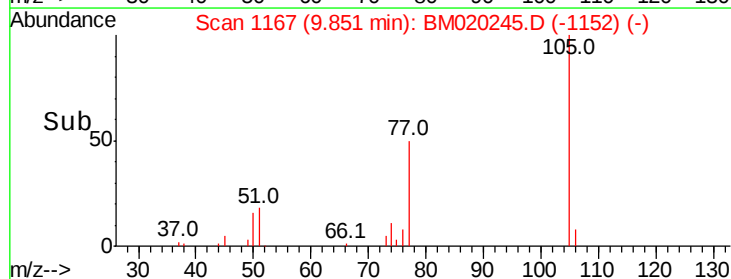
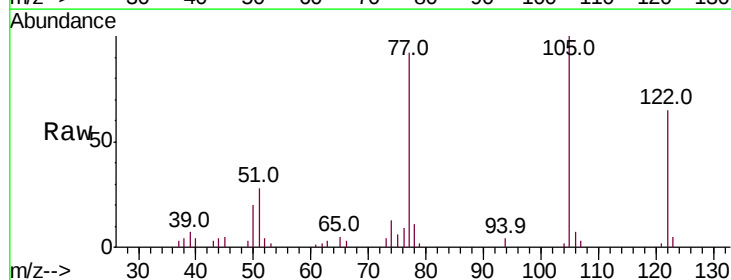
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

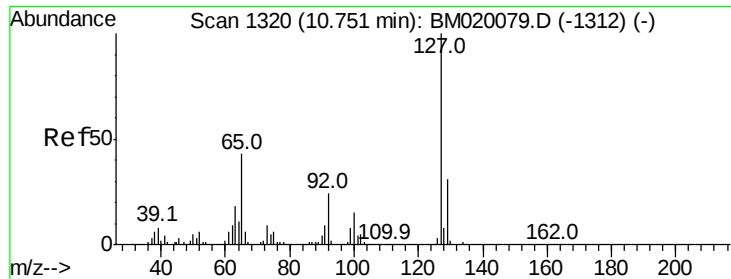
Tot Ion:128 Resp: 665094
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 19.170 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:122 Resp: 44945
Ion Ratio Lower Upper
122 100
105 153.3 122.5 162.5
77 141.7 123.3 163.3

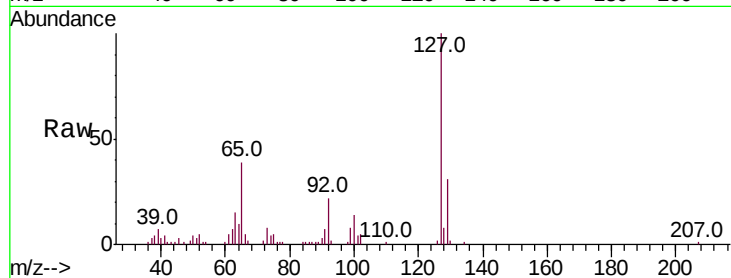




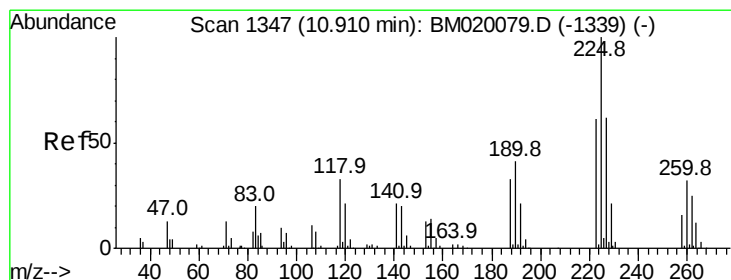
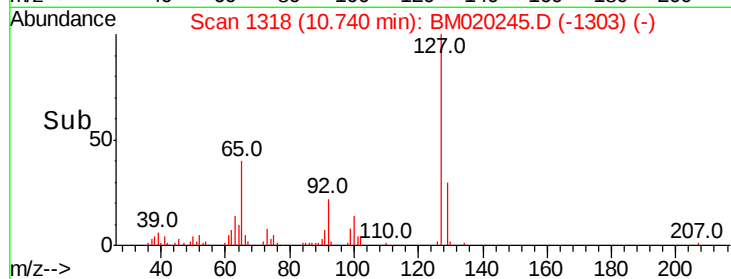
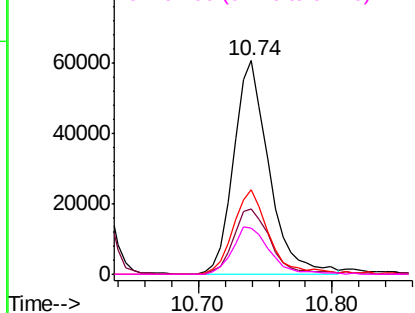
#33
4-Chloroaniline
Concen: 15.852 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:	127	Resp:	111243
Ion	Ratio	Lower	Upper
127	100		
129	30.8	24.7	37.1
65	39.3	34.6	52.0
92	21.5	19.5	29.3

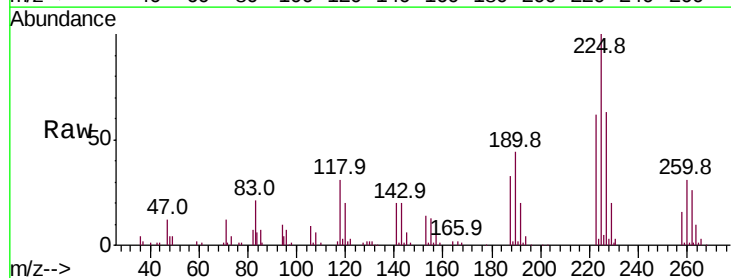


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

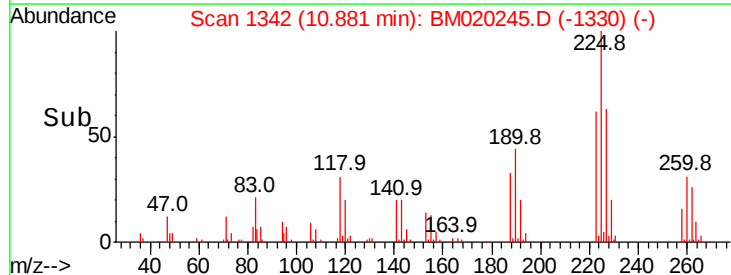
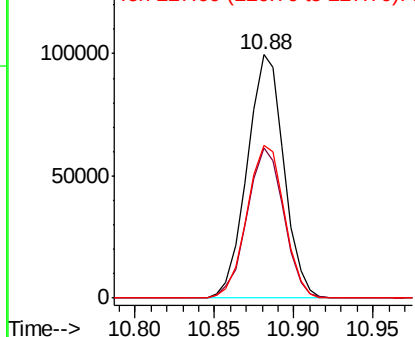


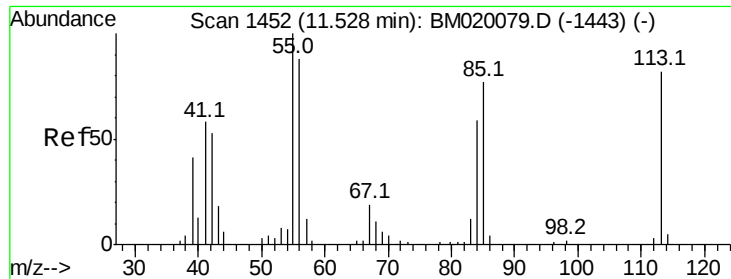
#34
Hexachlorobutadiene
Concen: 33.695 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:	225	Resp:	160394
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.9	73.3
227	62.7	49.6	74.4



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





#35

Caprolactam

Concen: 27.111 ng

RT: 11.55 min Scan# 1456

Delta R.T. 0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

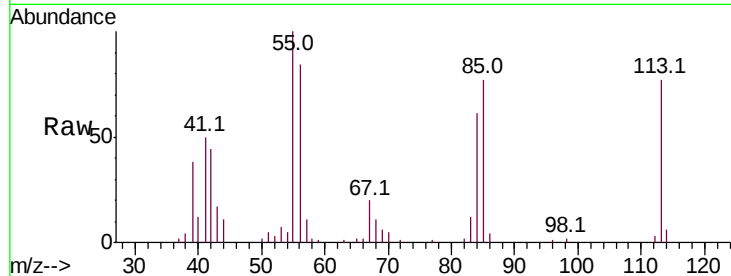
Tot Ion:113 Resp: 44332

Ion Ratio Lower Upper

113 100

55 129.5 102.5 142.5

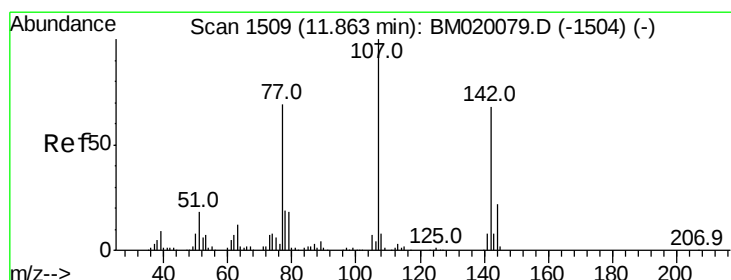
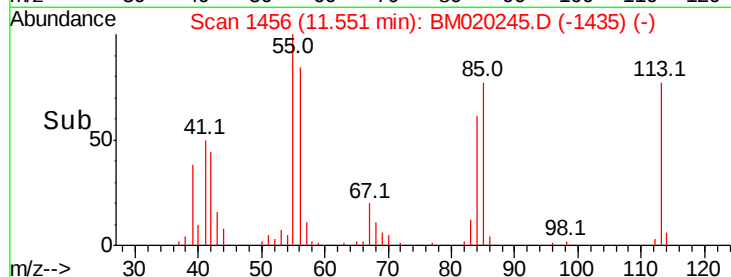
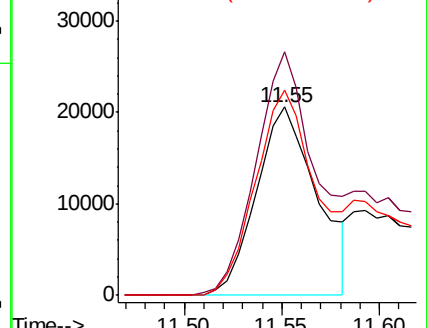
56 108.8 87.7 127.7



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: 44.219 ng

RT: 11.86 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

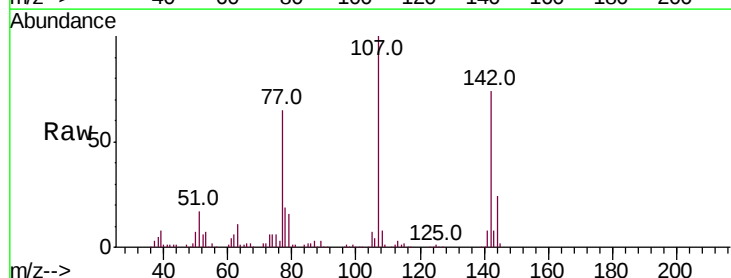
Tgt Ion:107 Resp: 284177

Ion Ratio Lower Upper

107 100

144 24.4 17.6 26.4

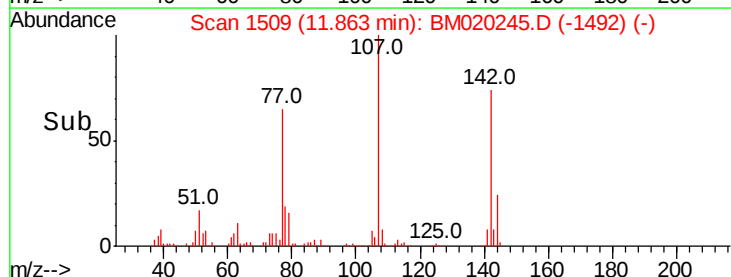
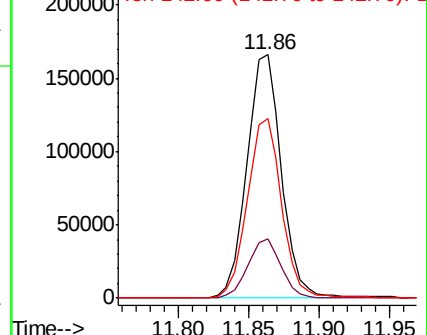
142 73.9 54.6 82.0

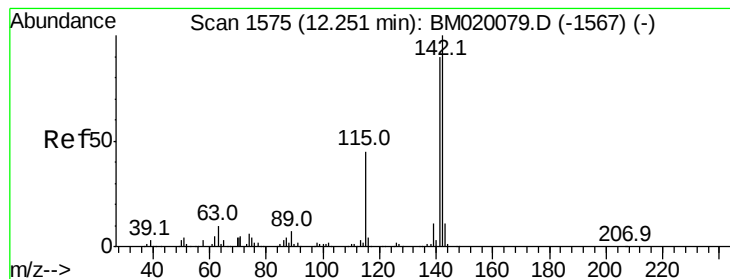


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.077 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

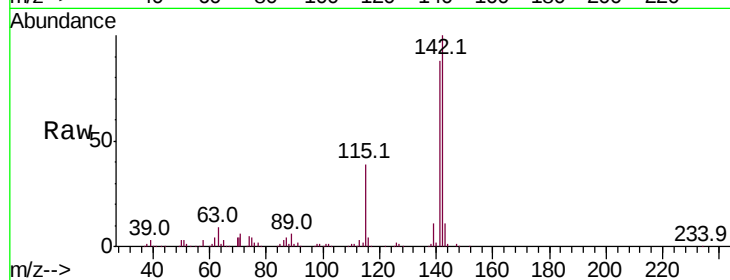
Tot Ion:142 Resp: 523018

Ion Ratio Lower Upper

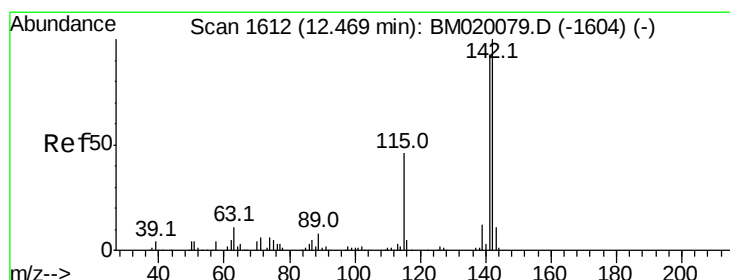
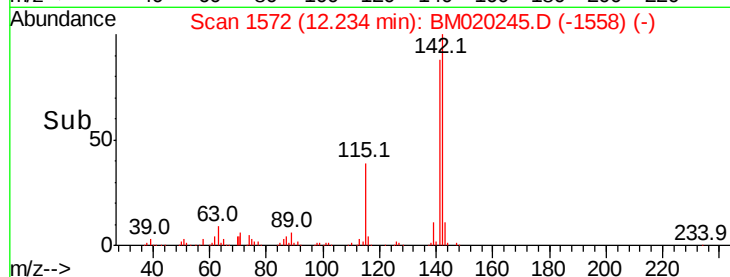
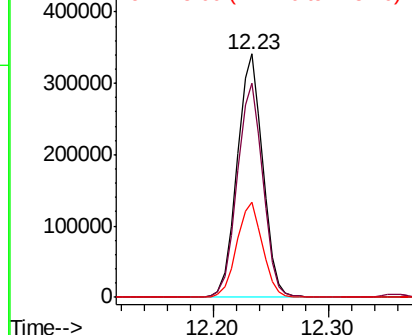
142 100

141 87.8 71.6 107.4

115 39.0 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: 41.073 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

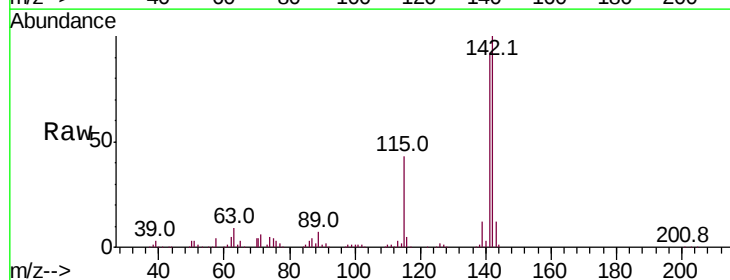
Tgt Ion:142 Resp: 499233

Ion Ratio Lower Upper

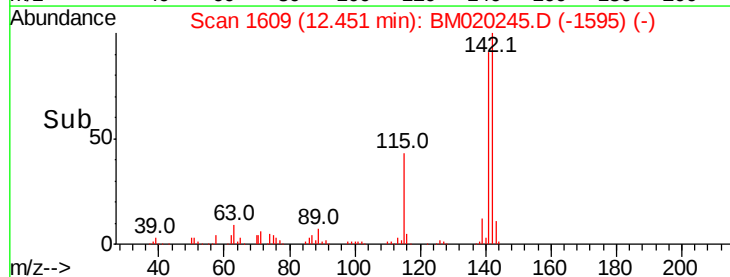
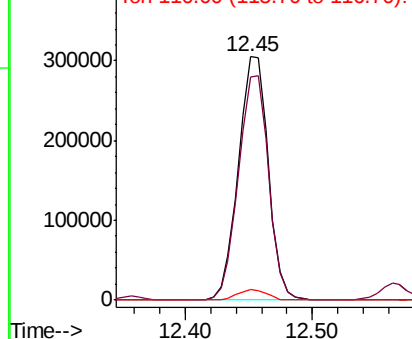
142 100

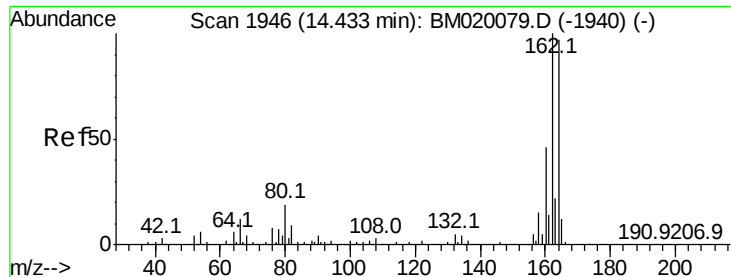
141 91.9 74.8 112.2

116 4.6 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: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

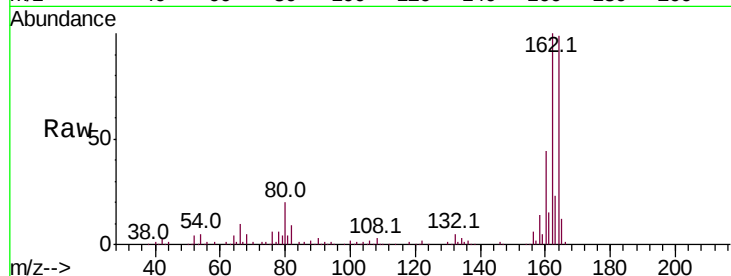
Tot Ion:164 Resp: 232704

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

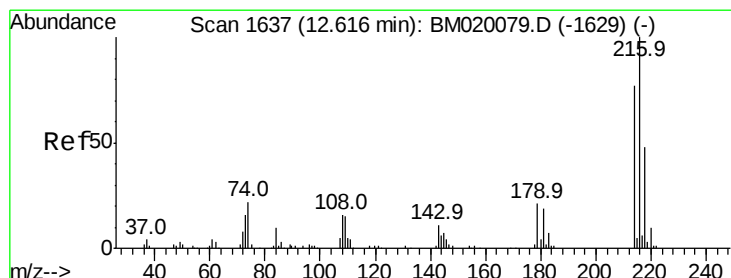
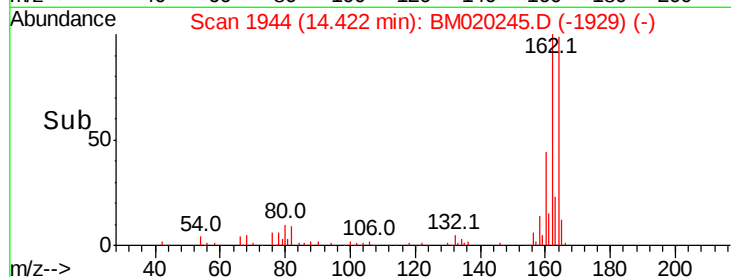
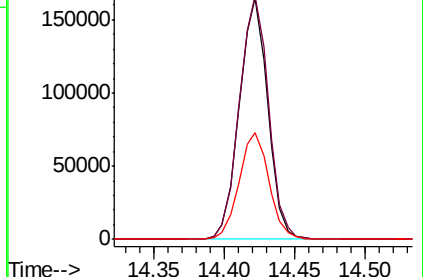
160 44.2 37.6 56.4



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: 35.197 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Tgt Ion:216 Resp: 320445

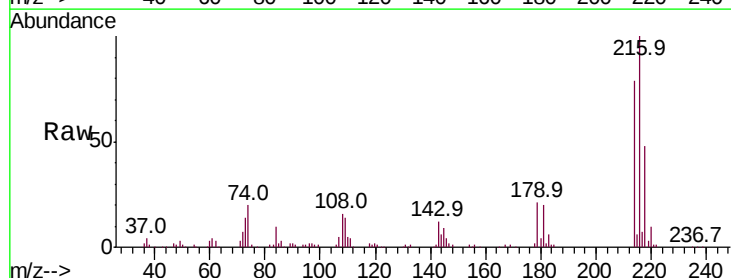
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.2 17.1 25.7

108 19.0 15.8 23.6

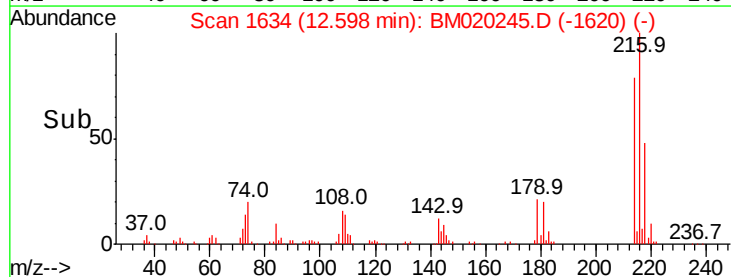
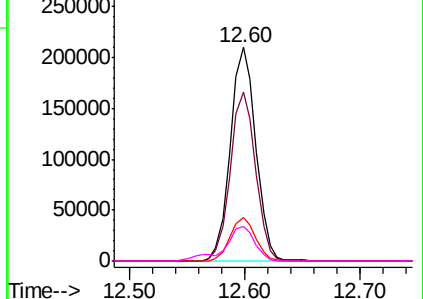


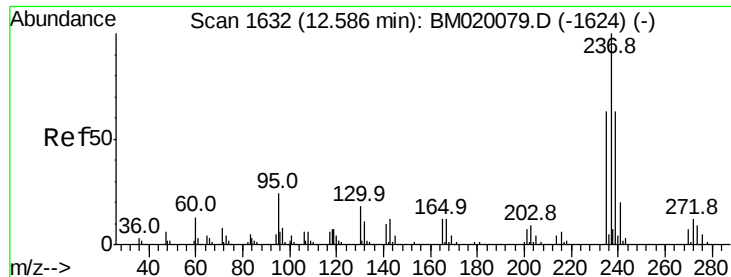
Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.381 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

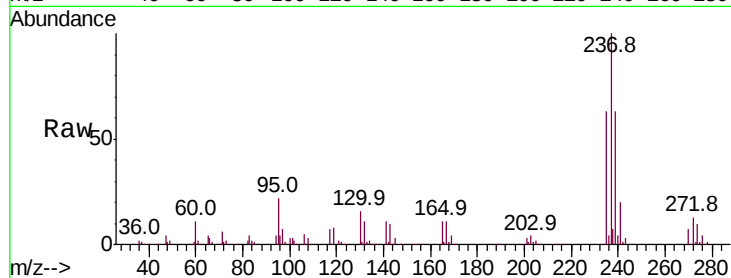
Tot Ion:237 Resp: 291519

Ion Ratio Lower Upper

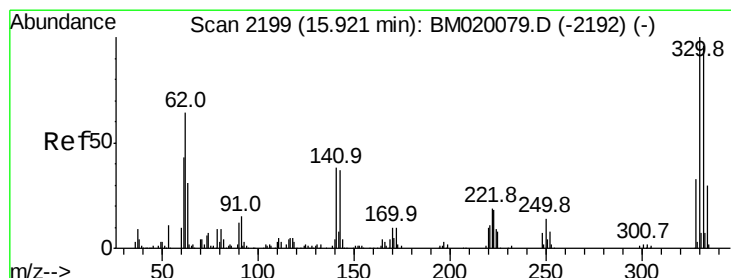
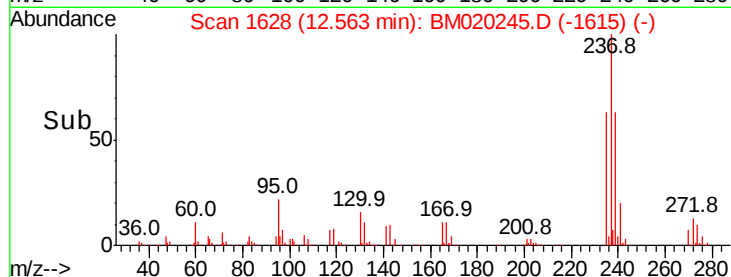
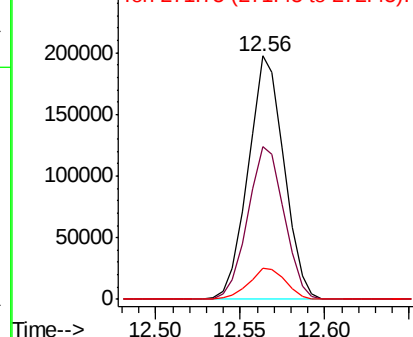
237 100

235 62.6 43.4 83.4

272 12.6 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: 129.942 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

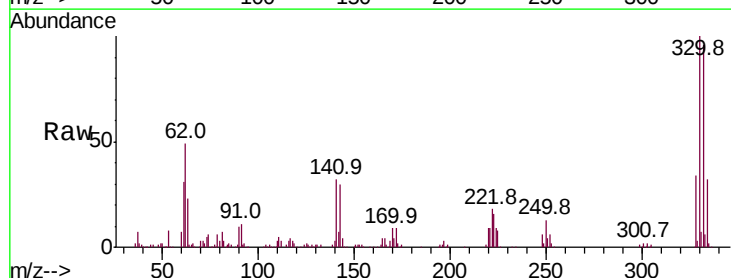
Tgt Ion:330 Resp: 469350

Ion Ratio Lower Upper

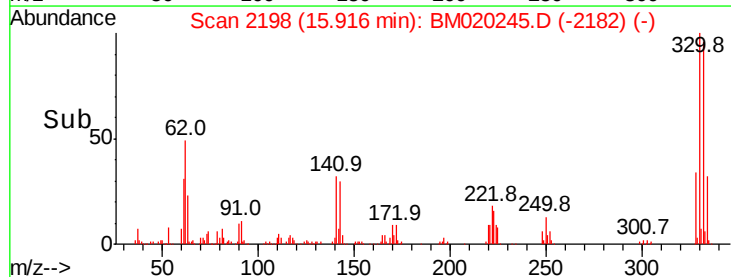
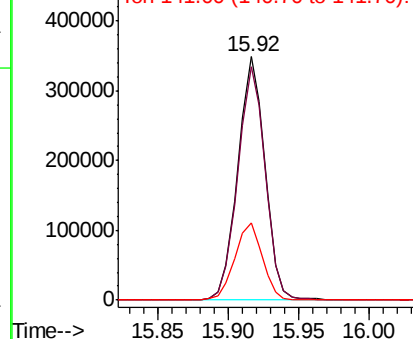
330 100

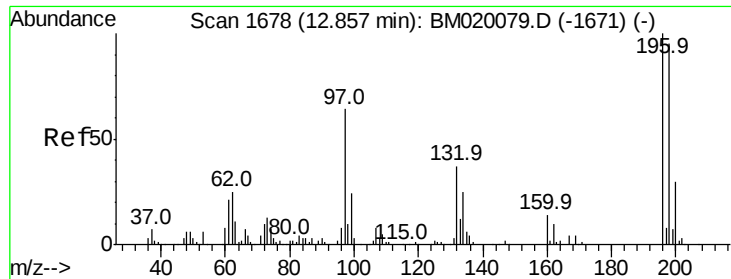
332 96.8 76.8 115.2

141 32.3 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

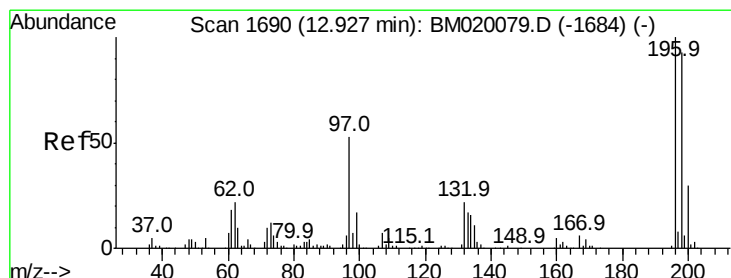
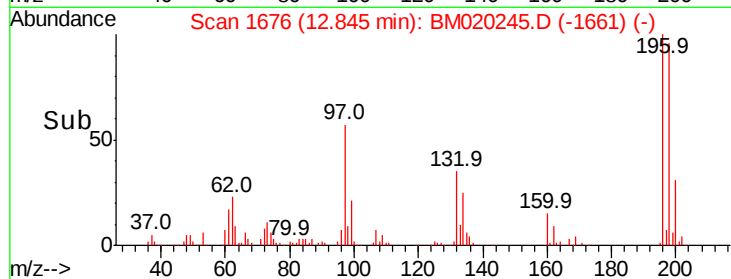
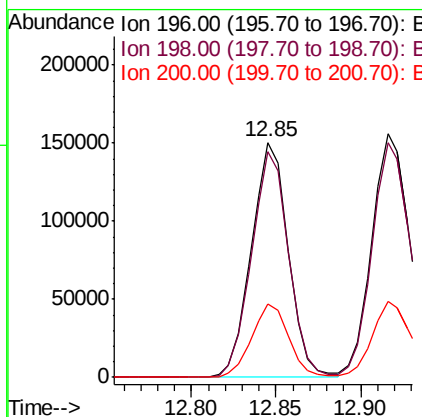
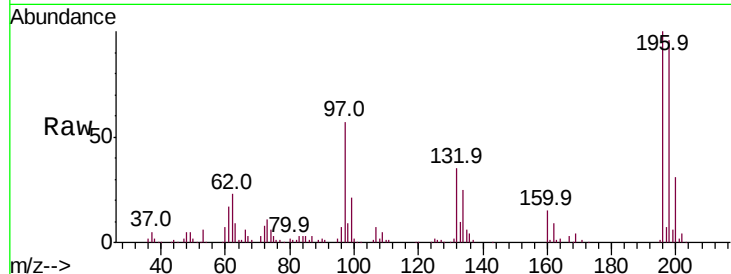




#43
 2,4,6-Trichlorophenol
 Concen: 44.221 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

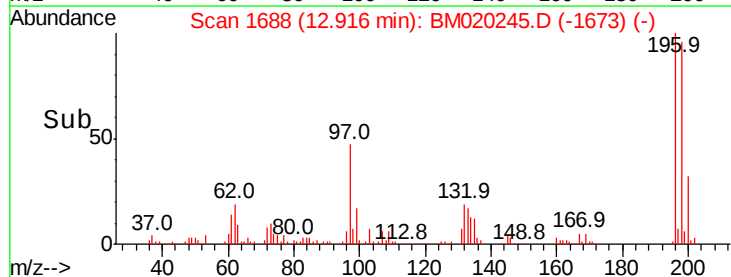
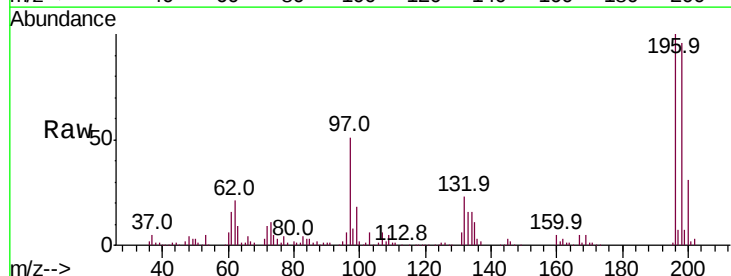
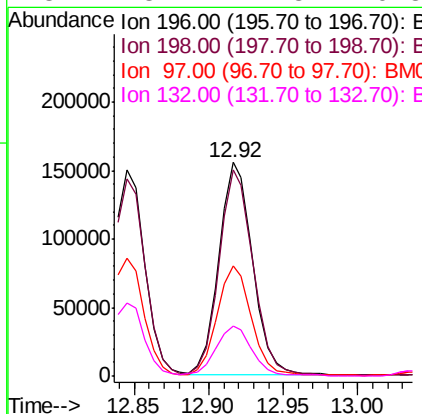
Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

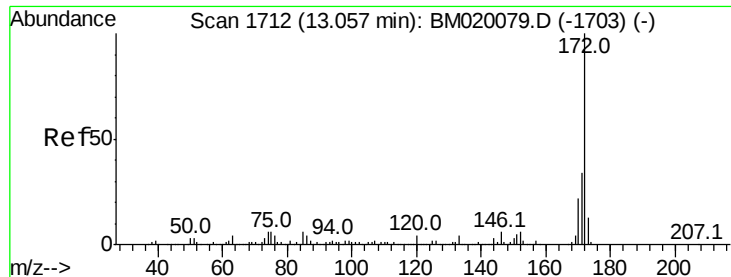
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.2	114.2
200	31.0	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.291 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.7	112.1
97	51.5	42.2	63.4
132	23.2	17.8	26.8

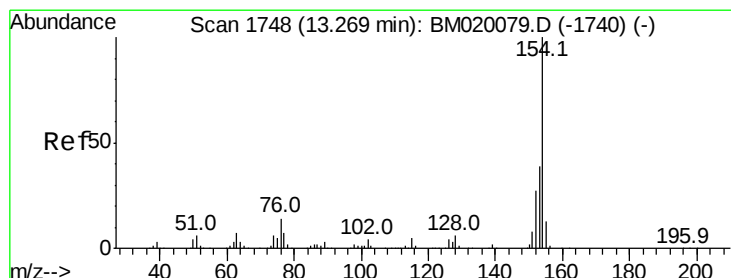
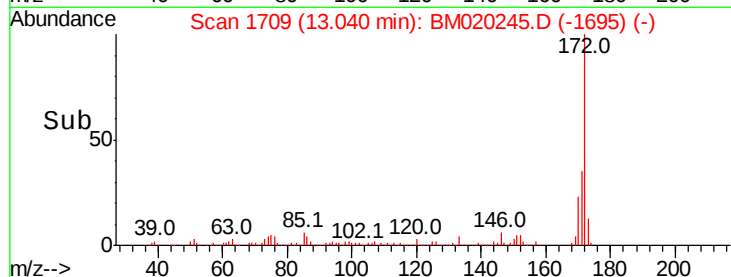
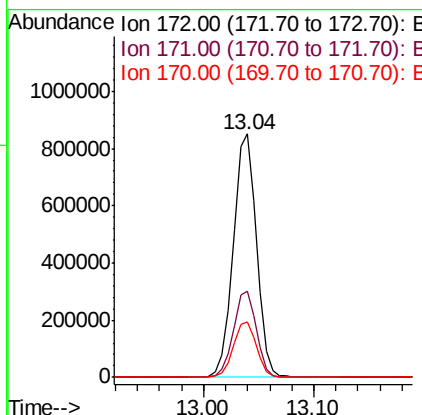
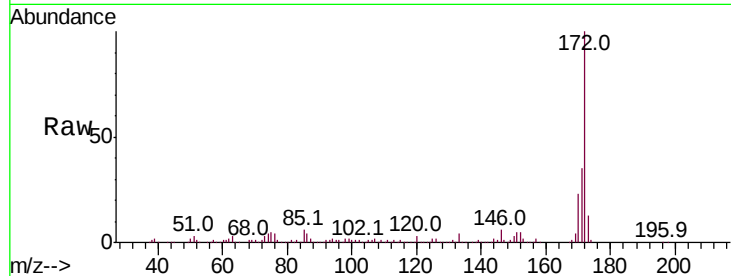




#45
2-Fluorobiphenyl
Concen: 66.359 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

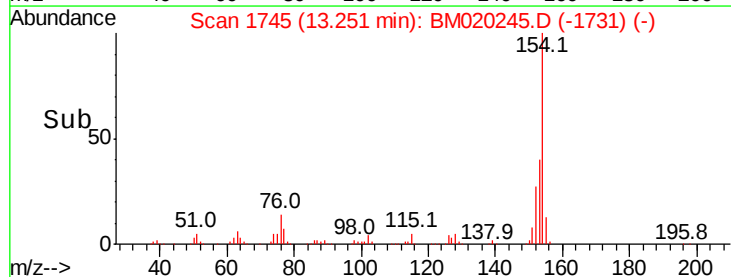
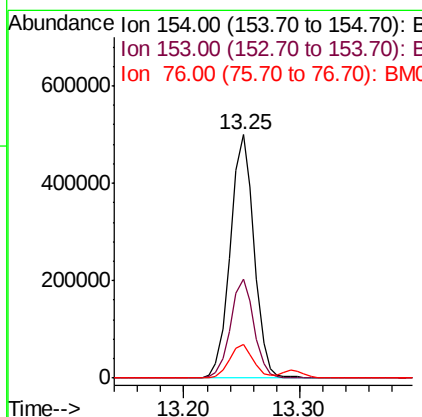
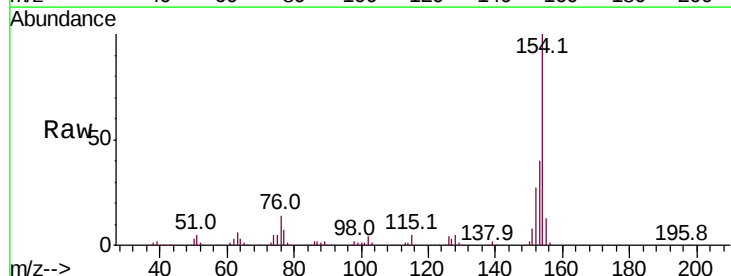
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

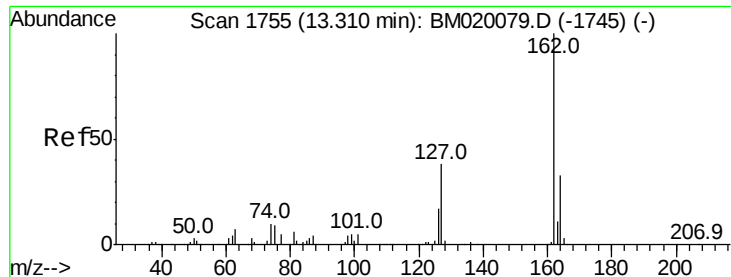
Tot Ion:172 Resp: 1255080
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 22.7 17.9 26.9



#46
1,1'-Biphenyl
Concen: 37.178 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:154 Resp: 712107
Ion Ratio Lower Upper
154 100
153 40.4 19.4 59.4
76 13.8 0.0 34.5

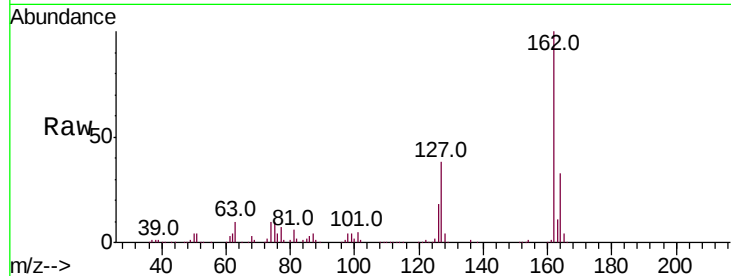




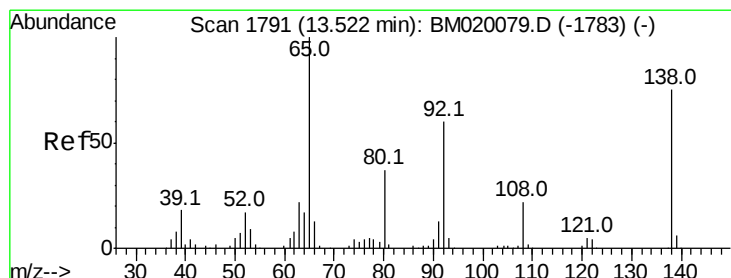
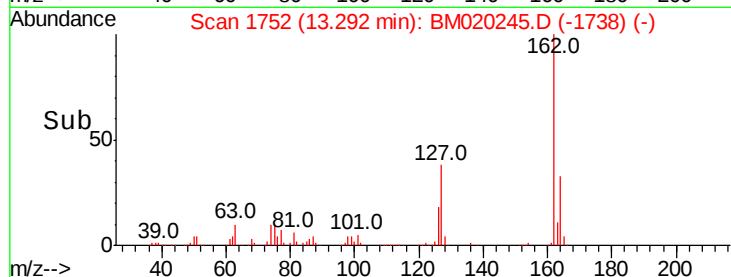
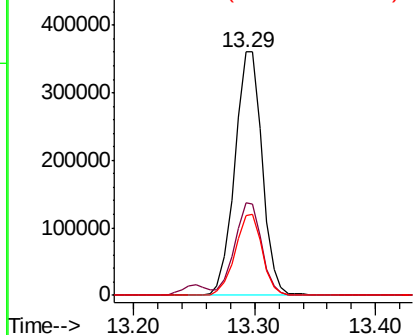
#47
2-Chloronaphthalene
Concen: 37.333 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:162 Resp: 570924
Ion Ratio Lower Upper
162 100
127 38.1 31.0 46.4
164 32.7 26.2 39.2

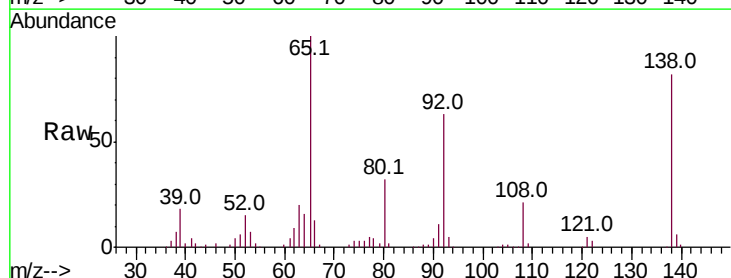


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

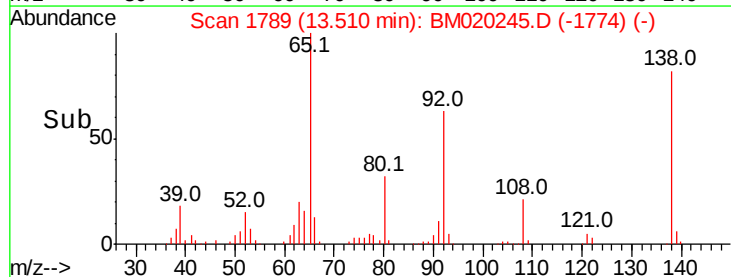
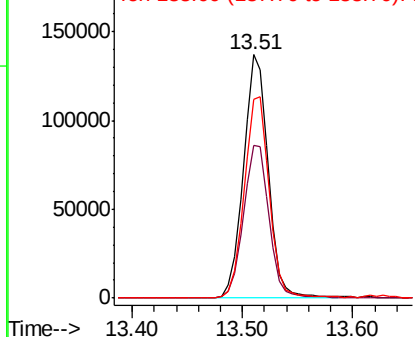


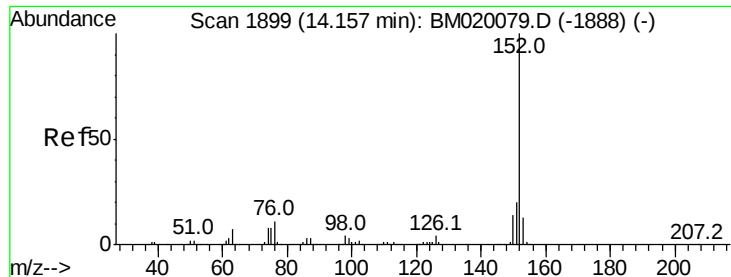
#48
2-Nitroaniline
Concen: 39.777 ng
RT: 13.51 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion: 65 Resp: 216562
Ion Ratio Lower Upper
65 100
92 62.8 48.2 72.4
138 81.6 60.3 90.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.359 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

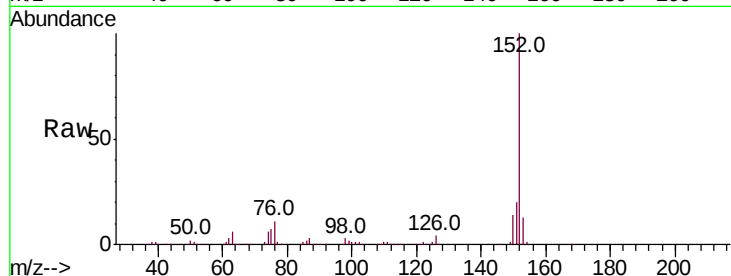
Tot Ion:152 Resp: 914340

Ion Ratio Lower Upper

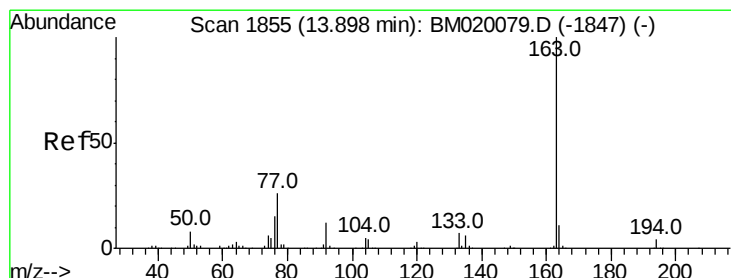
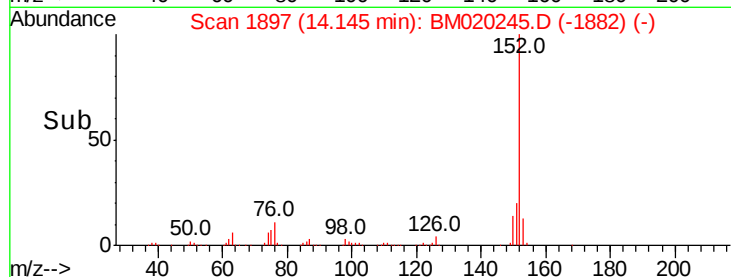
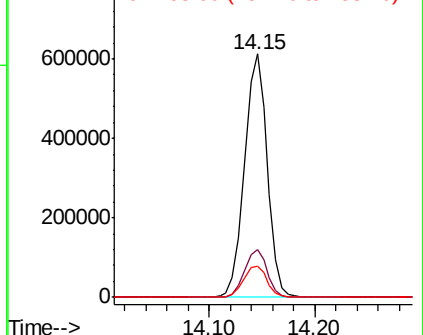
152 100

151 19.8 16.2 24.2

153 12.8 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: 44.960 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

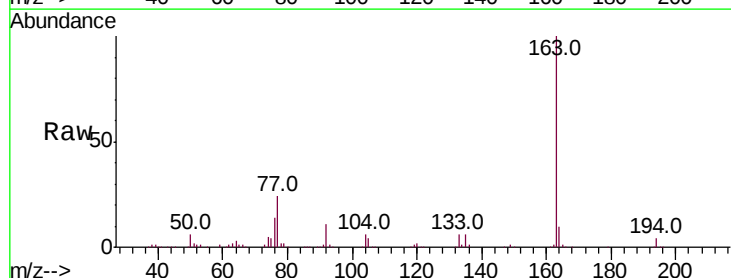
Tgt Ion:163 Resp: 889228

Ion Ratio Lower Upper

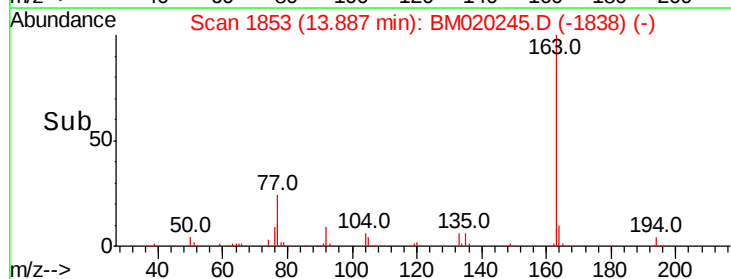
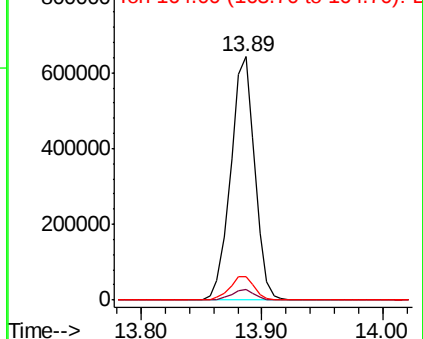
163 100

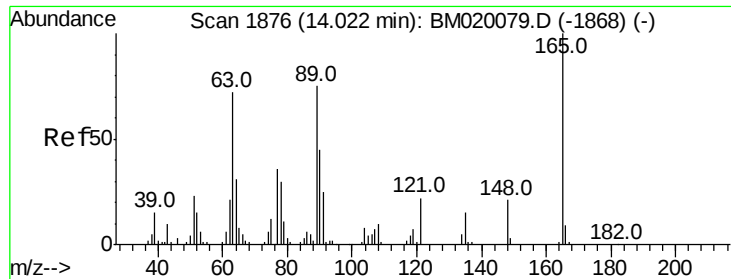
194 4.4 3.6 5.4

164 9.8 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

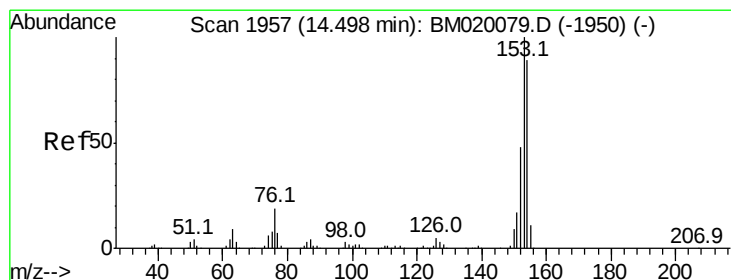
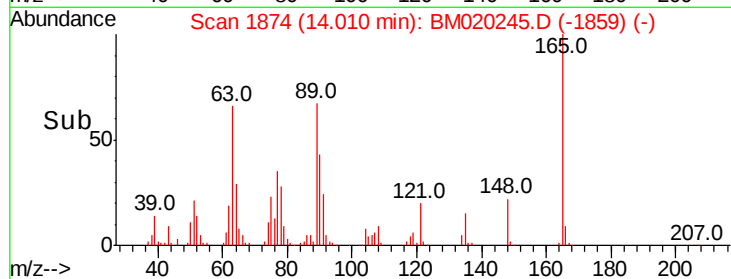
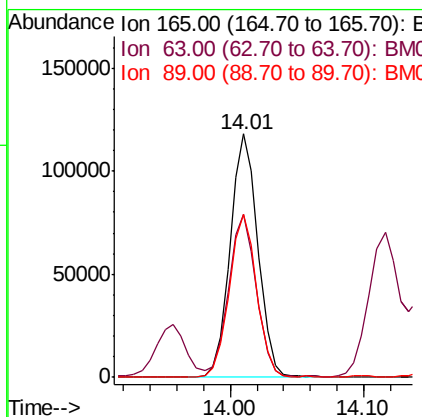
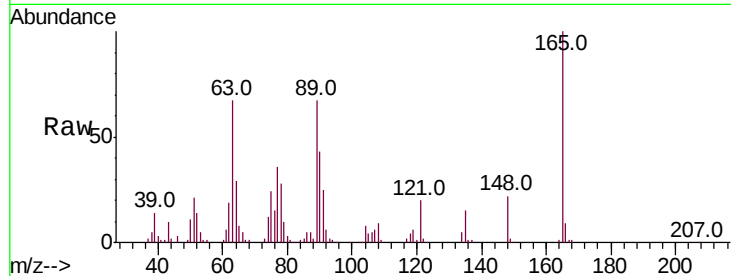




#51
 2,6-Dinitrotoluene
 Concen: 41.035 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

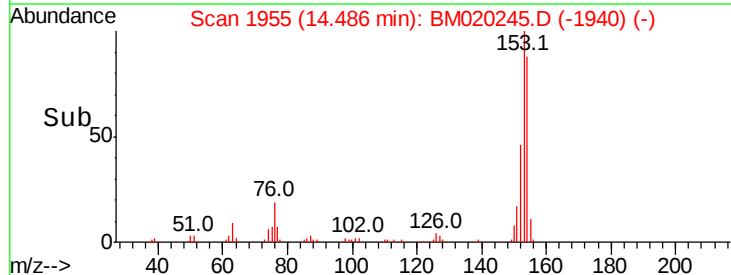
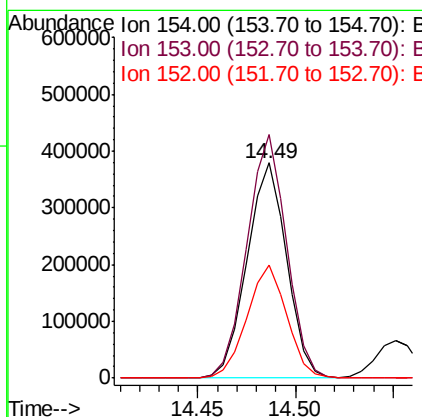
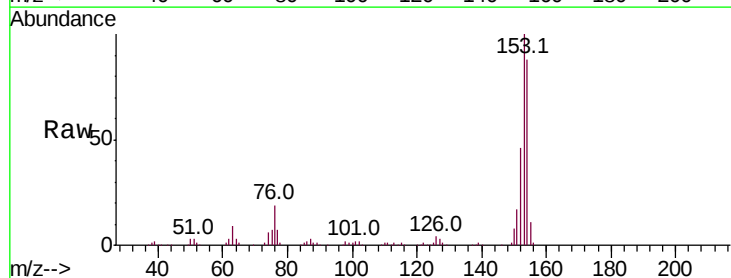
Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

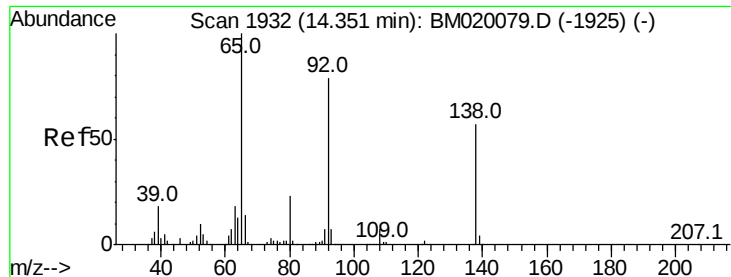
Tot Ion	Ratio	Lower	Upper
165	100		
63	66.9	60.3	90.5
89	67.0	59.8	89.6



#52
 Acenaphthene
 Concen: 38.026 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.2	135.2
152	52.4	43.0	64.4

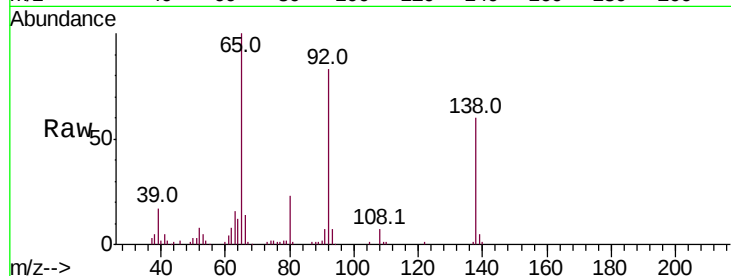




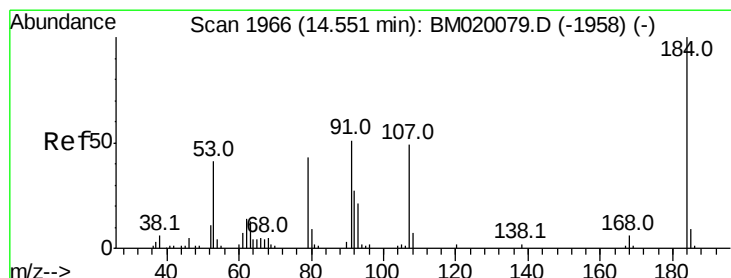
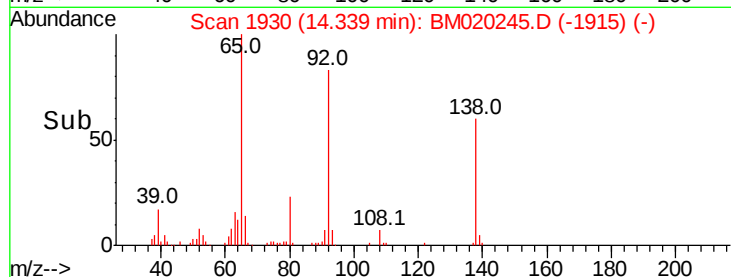
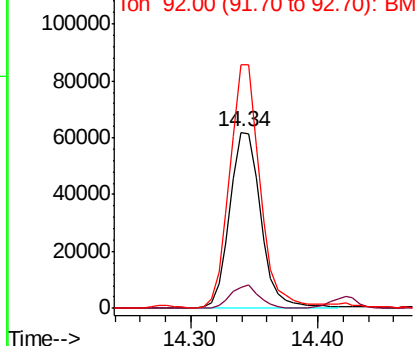
#53
3-Nitroaniline
Concen: 27.218 ng
RT: 14.34 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:138 Resp: 105232
Ion Ratio Lower Upper
138 100
108 11.8 10.4 15.6
92 138.2 111.3 166.9

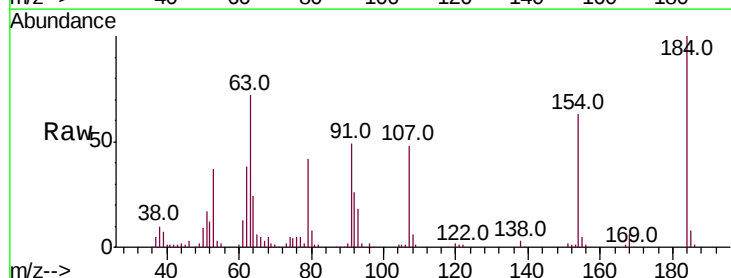


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

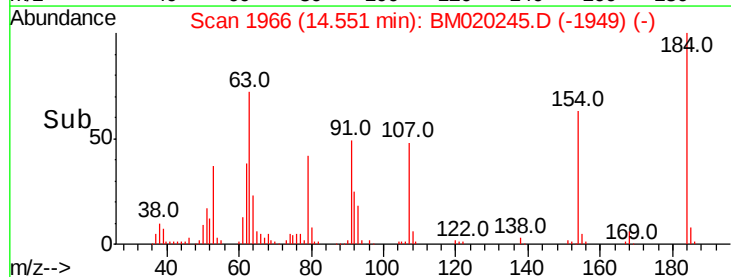
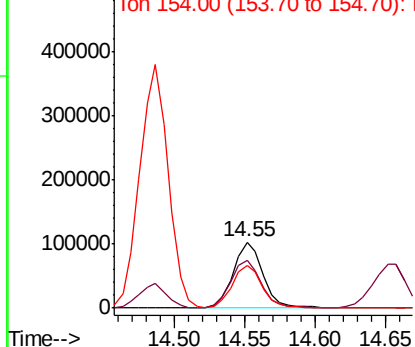


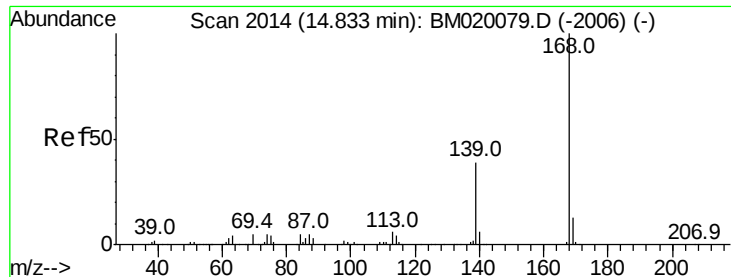
#54
2,4-Dinitrophenol
Concen: 73.469 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:184 Resp: 151684
Ion Ratio Lower Upper
184 100
63 72.4 68.9 103.3
154 63.4 54.4 81.6



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

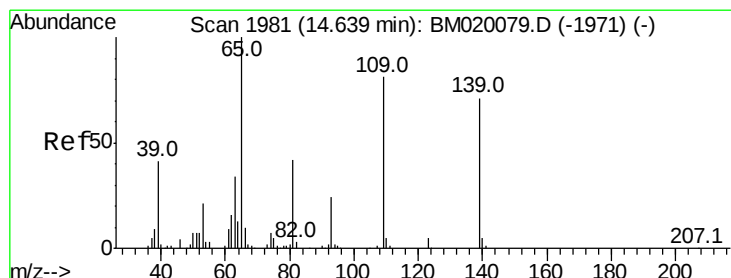
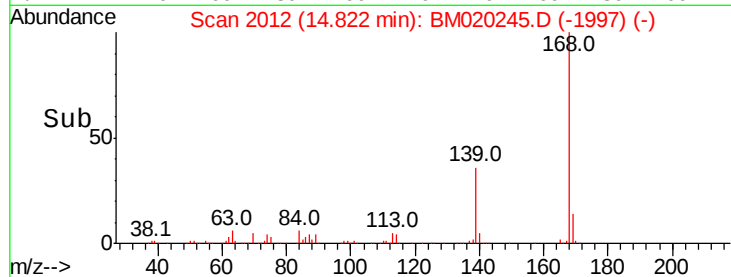
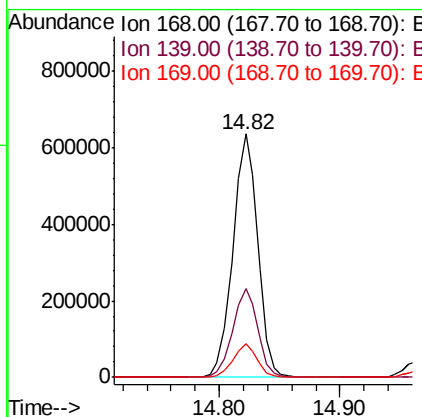
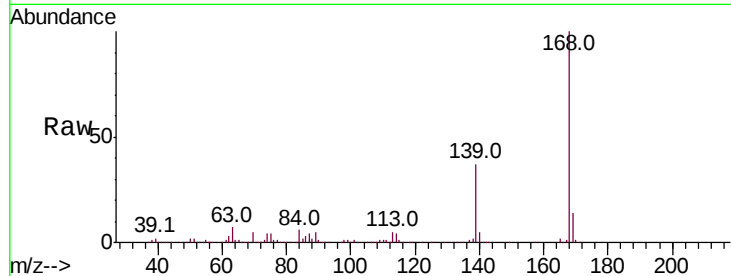




#55
Dibenzofuran
Concen: 38.550 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

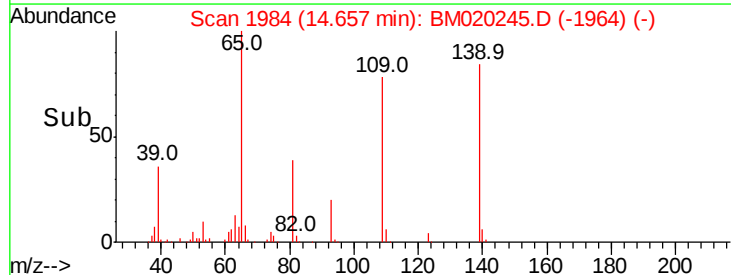
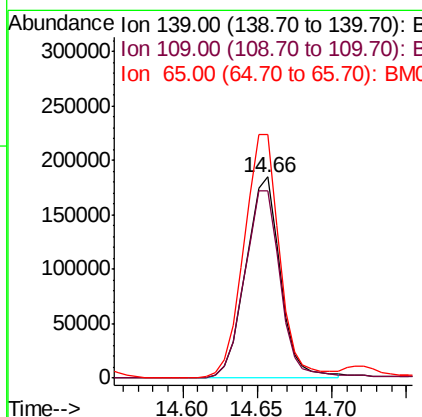
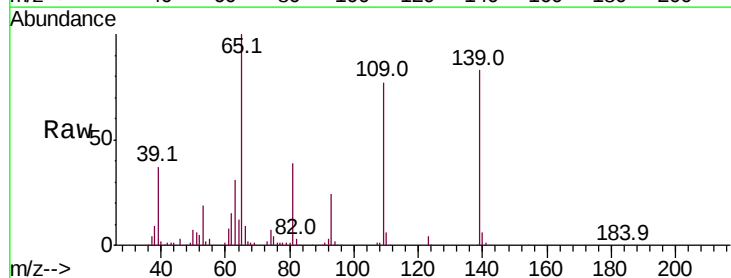
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

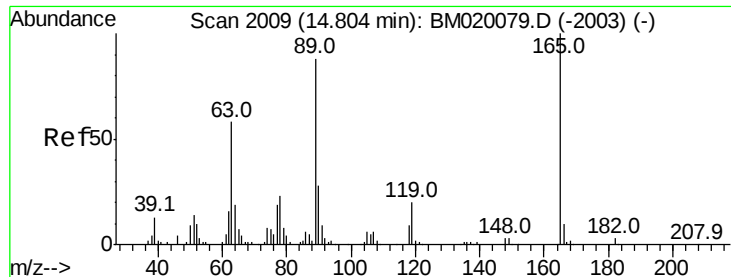
Tot Ion:168 Resp: 912622
Ion Ratio Lower Upper
168 100
139 36.5 31.1 46.7
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 89.665 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:139 Resp: 295778
Ion Ratio Lower Upper
139 100
109 93.4 94.1 134.1#
65 121.1 120.9 160.9

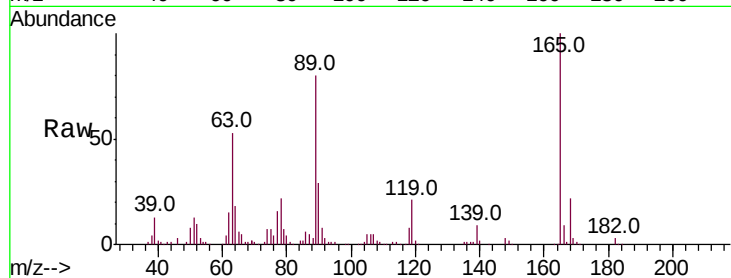




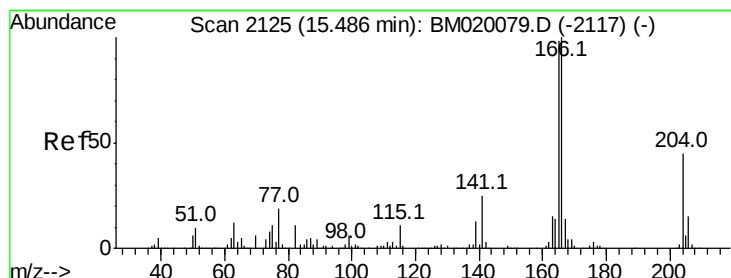
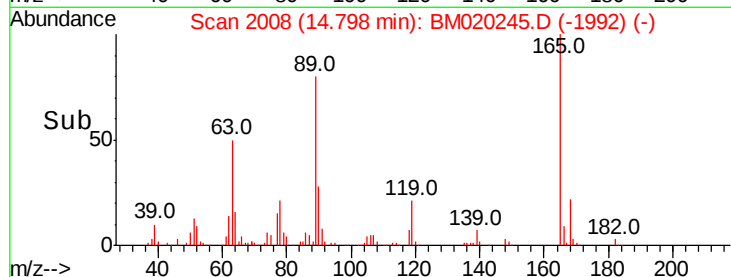
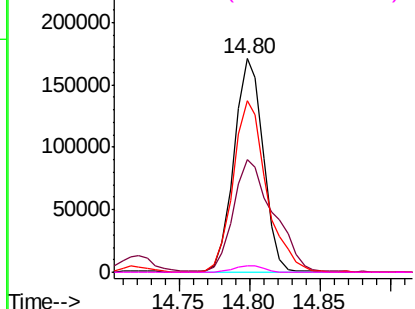
#57
2,4-Dinitrotoluene
Concen: 43.618 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:165 Resp: 246894
Ion Ratio Lower Upper
165 100
63 53.0 46.2 69.2
89 80.3 70.6 105.8
182 3.2 2.2 3.2

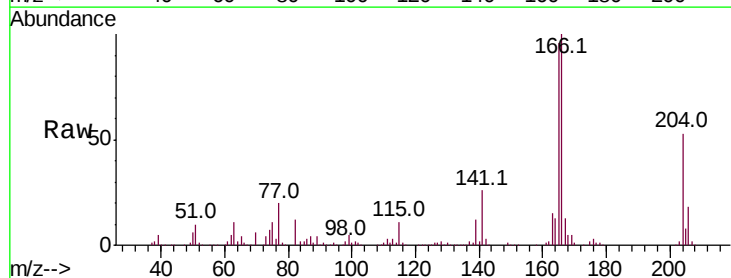


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

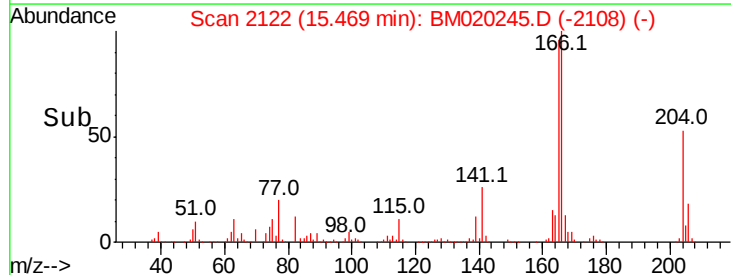
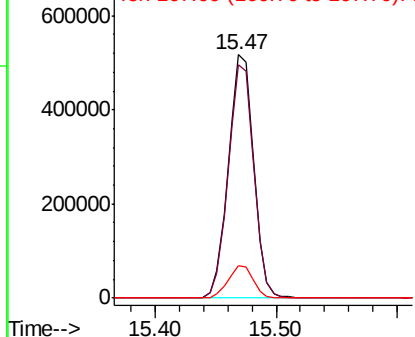


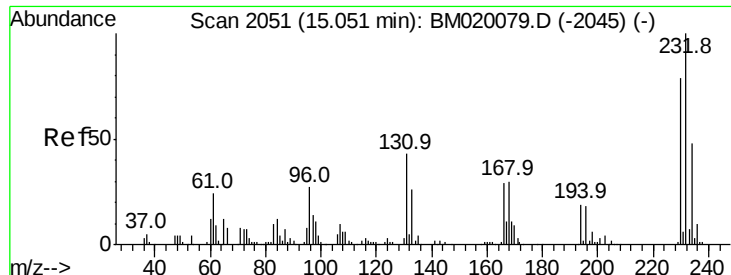
#58
Fluorene
Concen: 38.917 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:166 Resp: 756654
Ion Ratio Lower Upper
166 100
165 96.0 78.2 117.2
167 13.5 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

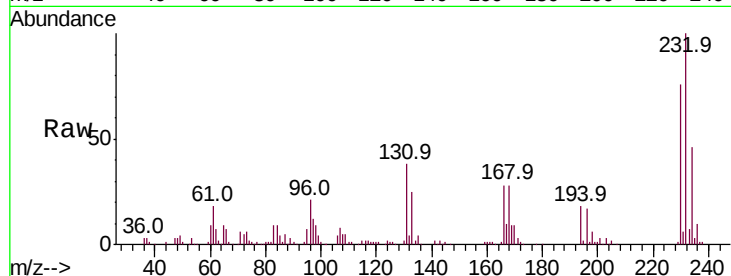




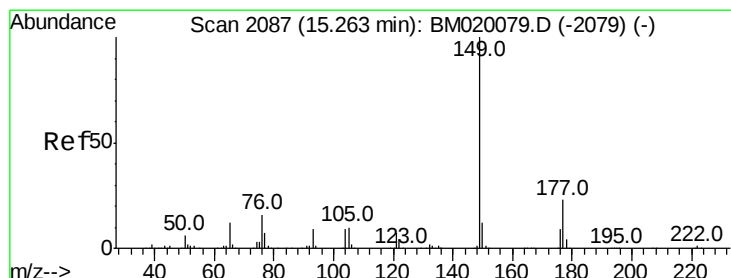
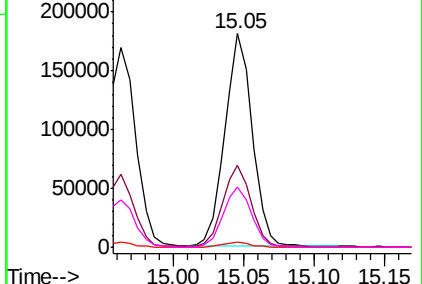
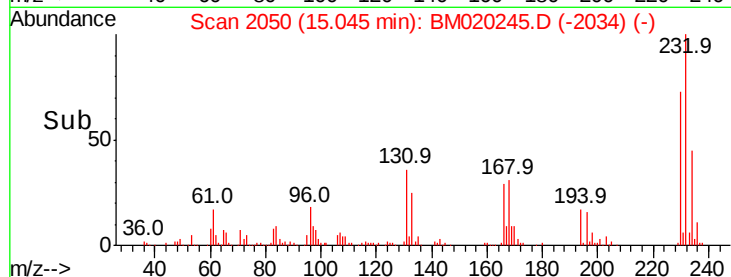
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.623 ng
 RT: 15.05 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion:	232	Resp:	245116
Ion	Ratio	Lower	Upper
232	100		
131	39.8	34.2	51.4
130	2.3	2.0	3.0
166	29.3	23.8	35.8

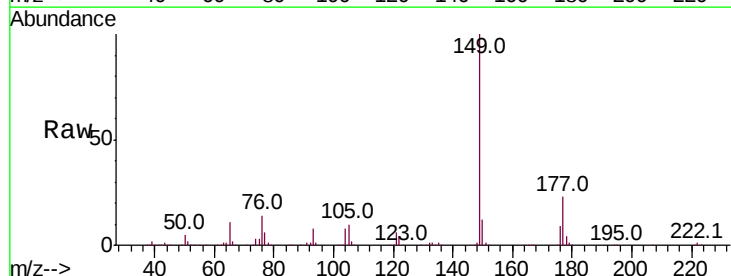


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

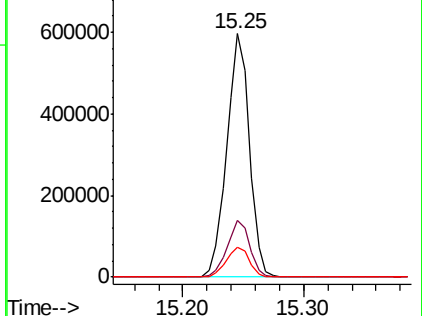
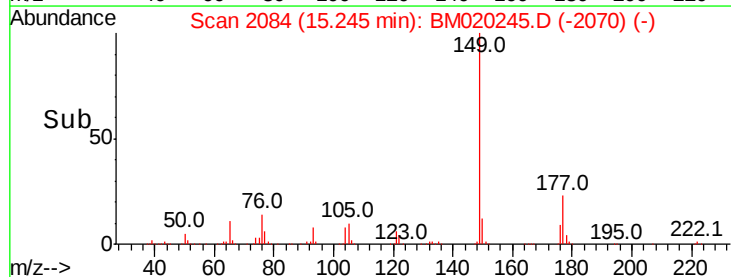


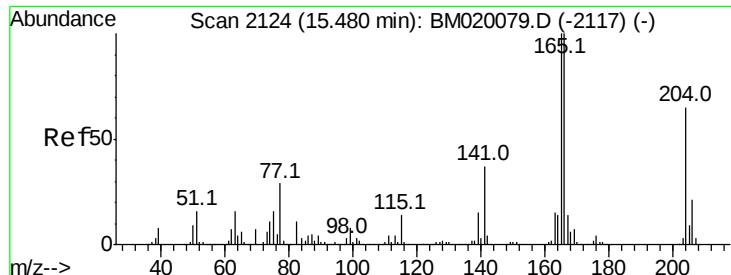
#60
 Diethylphthalate
 Concen: 38.844 ng
 RT: 15.25 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

Tgt Ion:	149	Resp:	774006
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.4
150	12.3	9.9	14.9



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

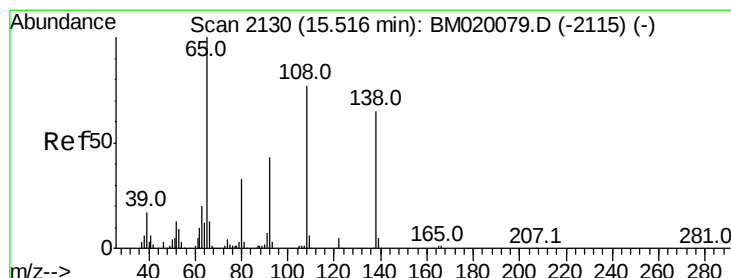
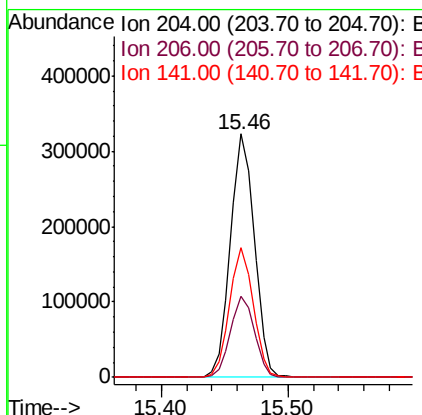
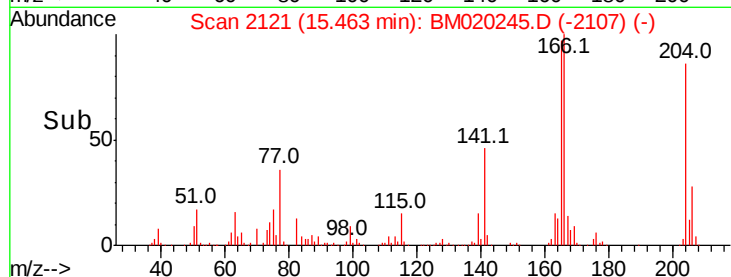
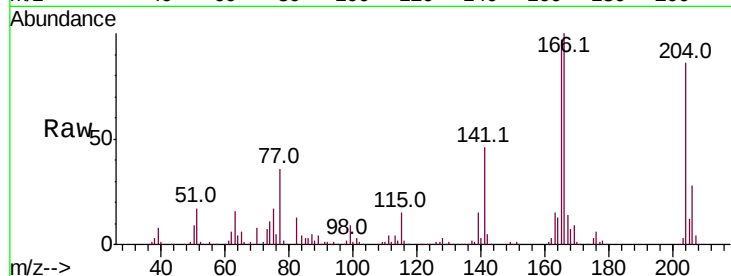




#61
 4-Chlorophenyl-phenylether
 Concen: 38.444 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

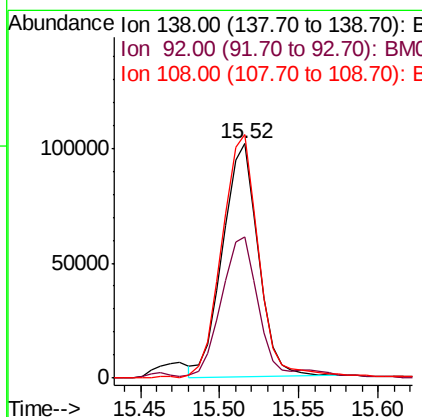
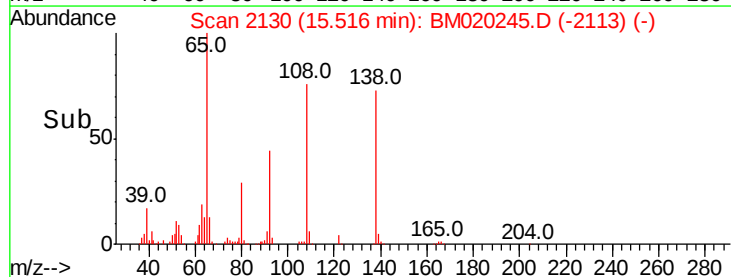
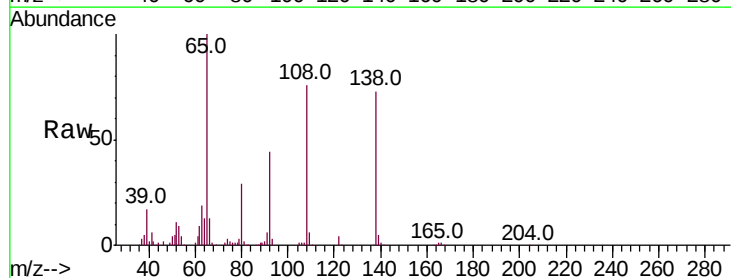
Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

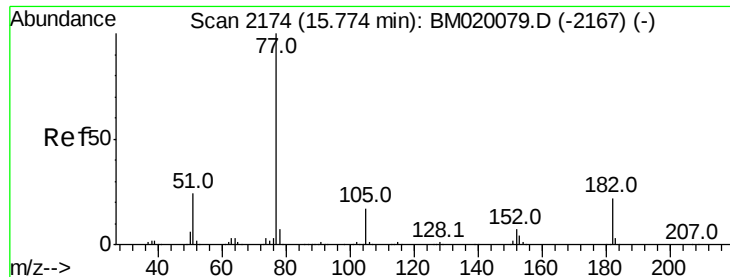
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.6	38.4
141	53.4	46.1	69.1



#62
 4-Nitroaniline
 Concen: 36.924 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.5	45.9	85.9
108	104.0	97.7	137.7





#63

Azobenzene

Concen: 35.958 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

Tot Ion: 77 Resp: 845274

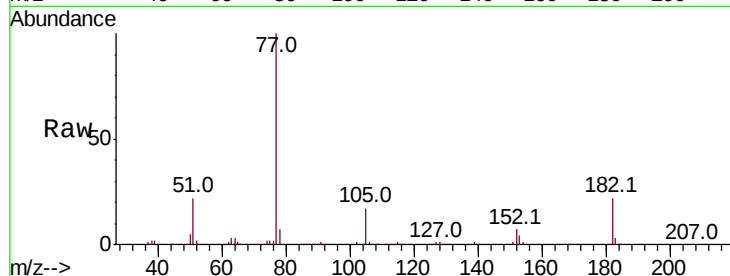
Ion Ratio Lower Upper

77 100

182 22.4 2.1 42.1

105 16.7 0.0 36.8

51 21.9 3.8 43.8

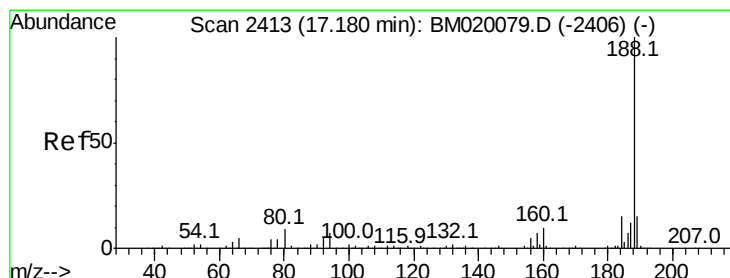
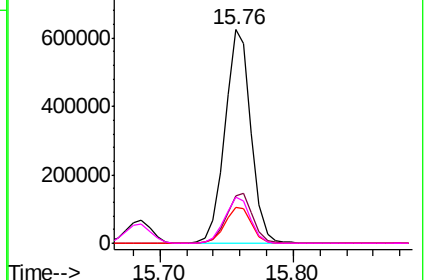
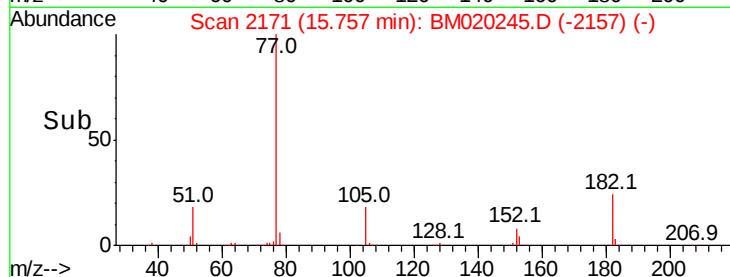


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM020245.D

Acq: 10 May 2019 17:04

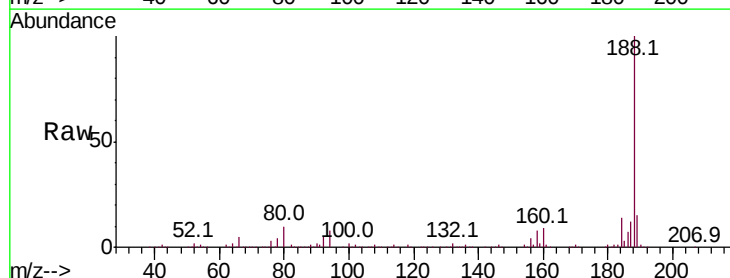
Tgt Ion: 188 Resp: 600590

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

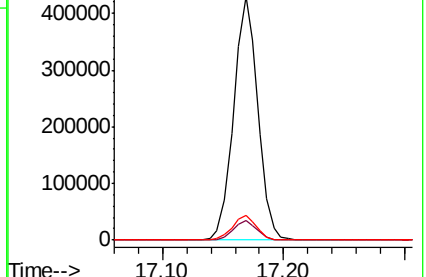
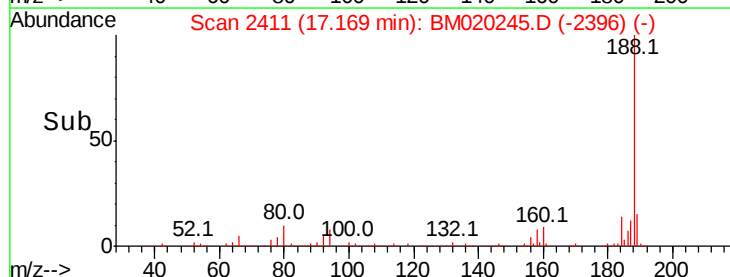
80 10.0 7.4 11.2

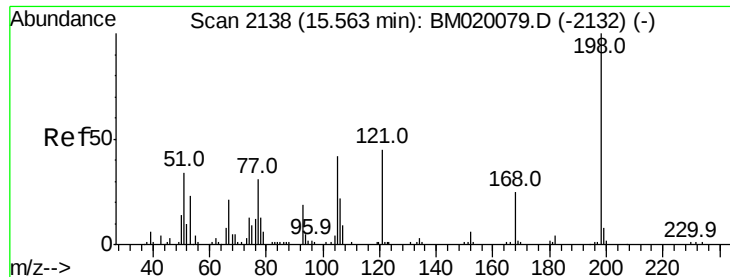


Abundance Ion 188.00 (187.70 to 188.70): E

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: 44.653 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

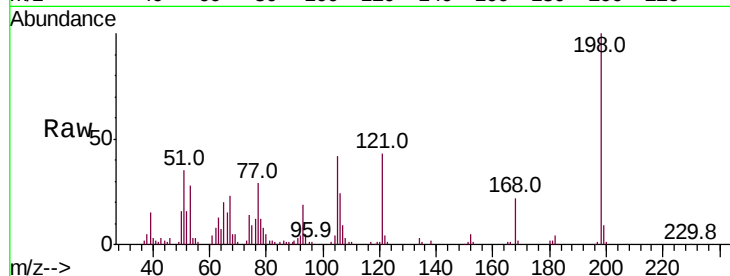
Tot Ion:198 Resp: 133534

Ion Ratio Lower Upper

198 100

51 35.3 16.5 56.5

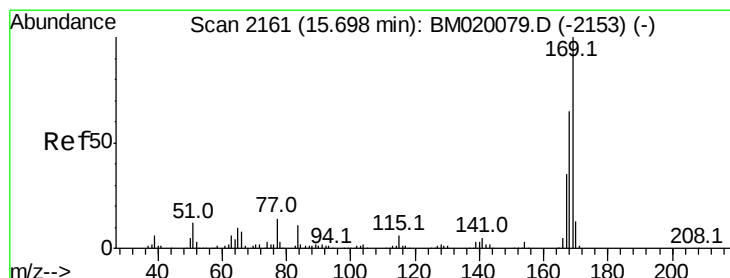
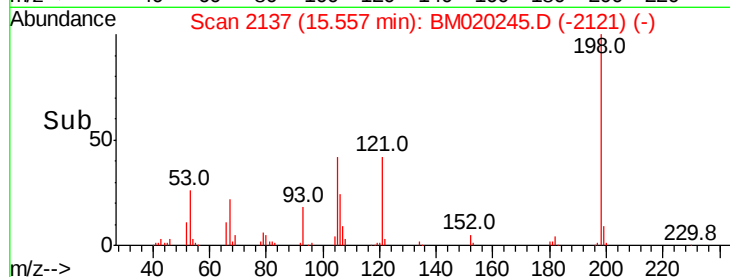
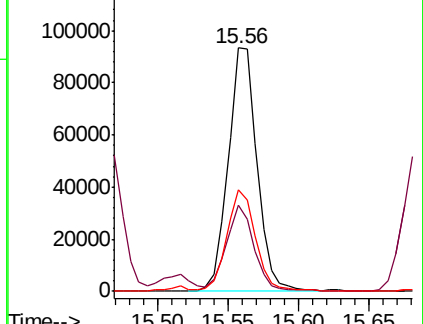
105 41.6 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.571 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

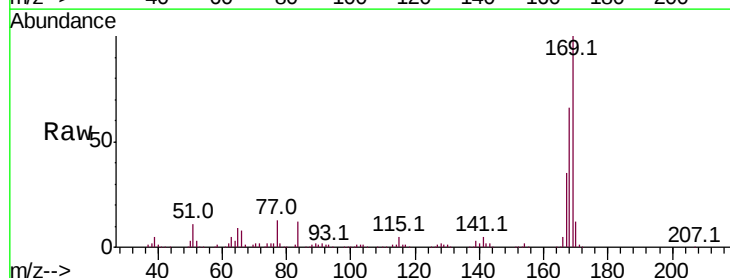
Tgt Ion:169 Resp: 681659

Ion Ratio Lower Upper

169 100

168 66.5 51.9 77.9

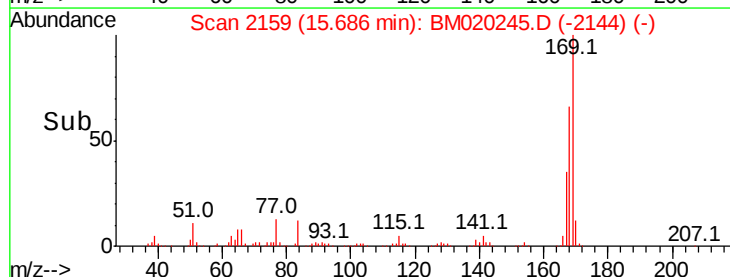
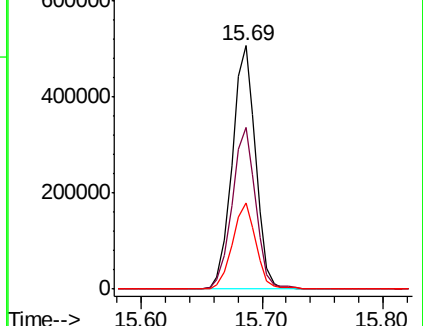
167 35.4 27.8 41.6

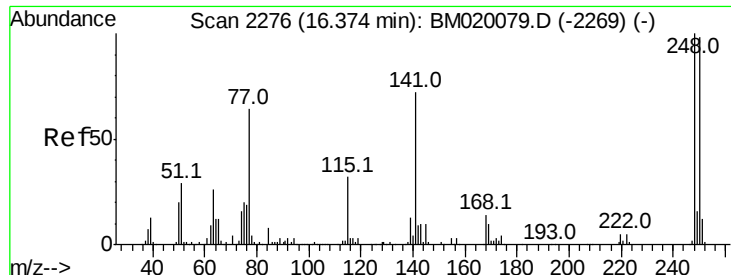


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

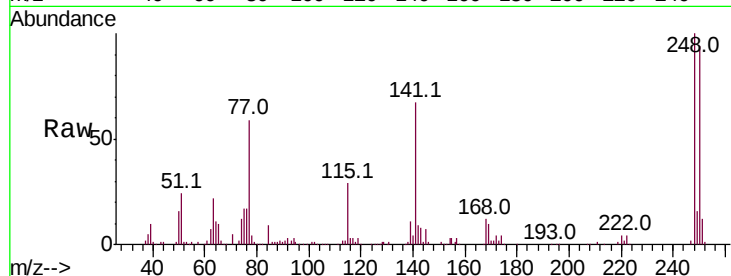




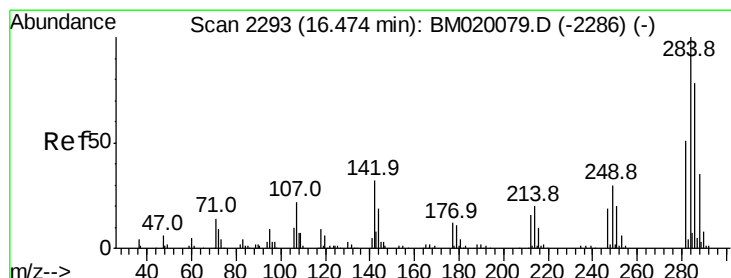
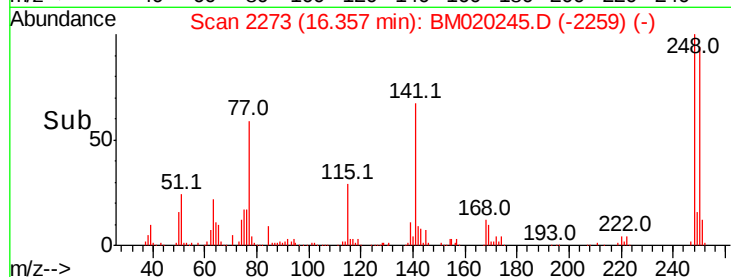
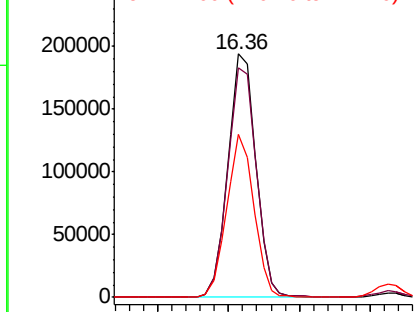
#67
4-Bromophenyl-phenylether
Concen: 36.403 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:248 Resp: 268099
Ion Ratio Lower Upper
248 100
250 94.2 78.4 117.6
141 67.1 57.4 86.2

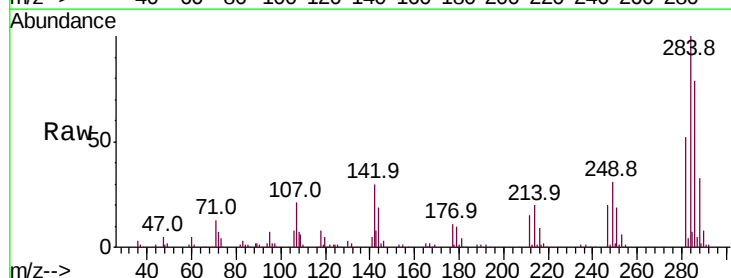


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

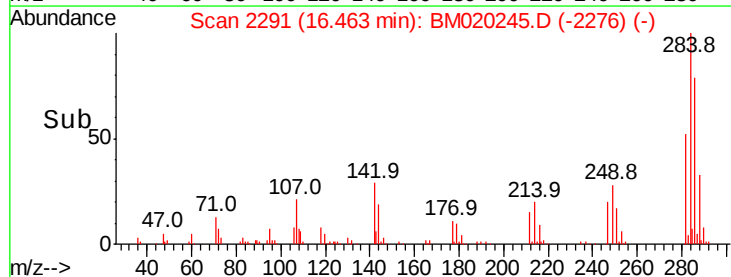
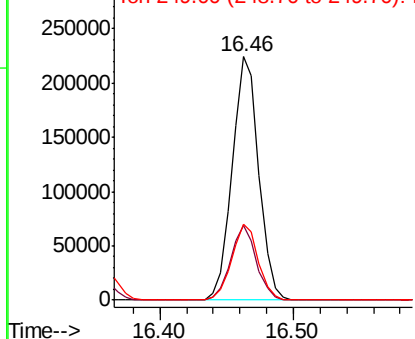


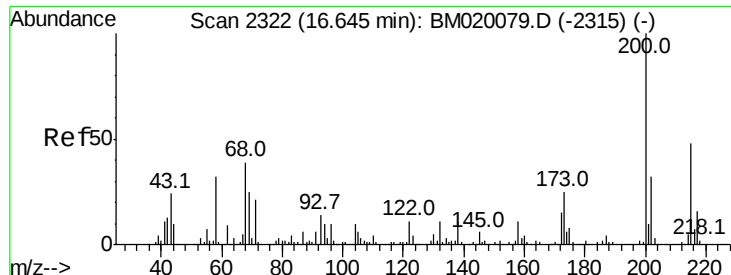
#68
Hexachlorobenzene
Concen: 36.620 ng
RT: 16.46 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:284 Resp: 310357
Ion Ratio Lower Upper
284 100
142 30.5 25.2 37.8
249 31.0 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

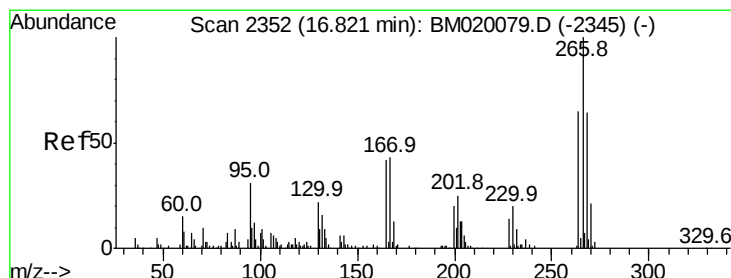
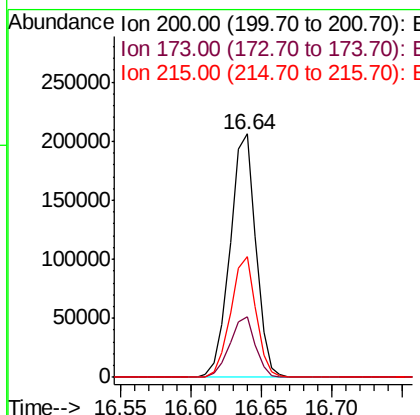
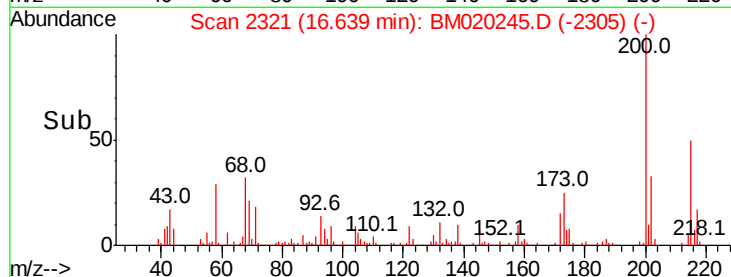
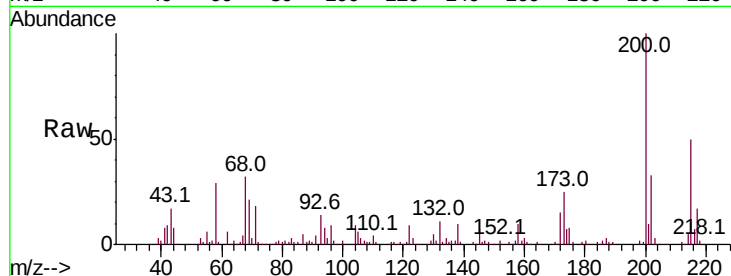




#69
 Atrazine
 Concen: 38.007 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

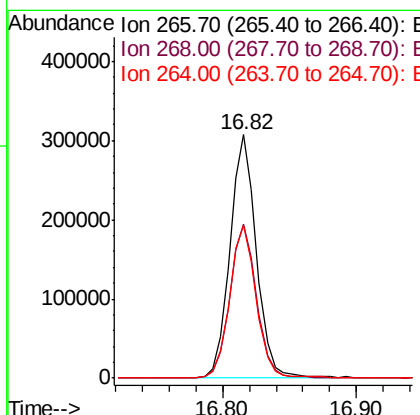
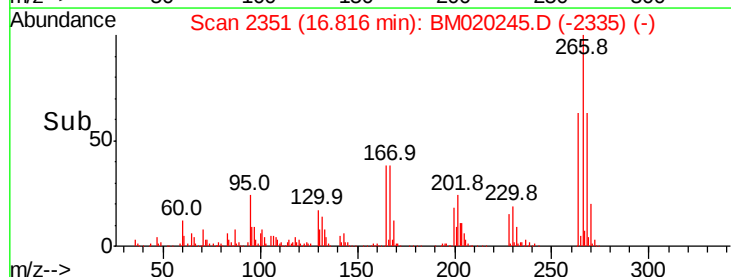
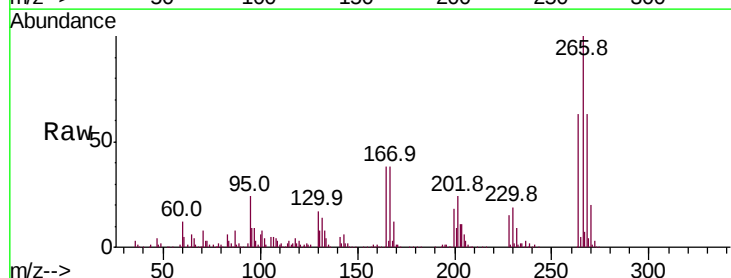
Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MS

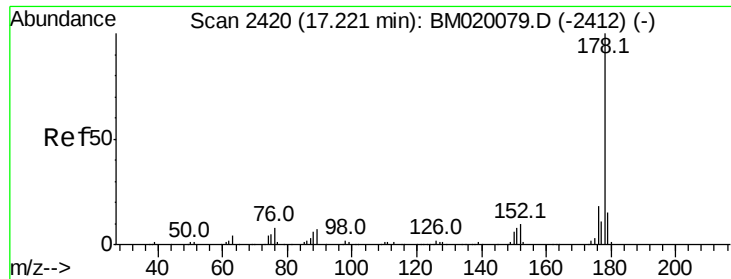
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	4.6	44.6
215	49.5	28.0	68.0



#70
 Pentachlorophenol
 Concen: 87.697 ng
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM020245.D
 Acq: 10 May 2019 17:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.4	77.0
264	62.8	52.0	78.0

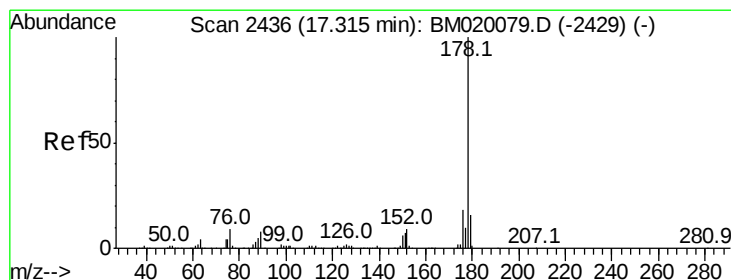
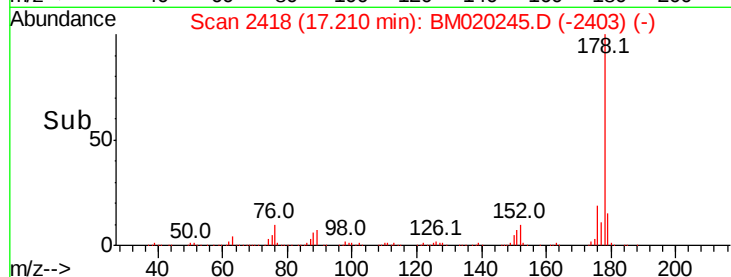
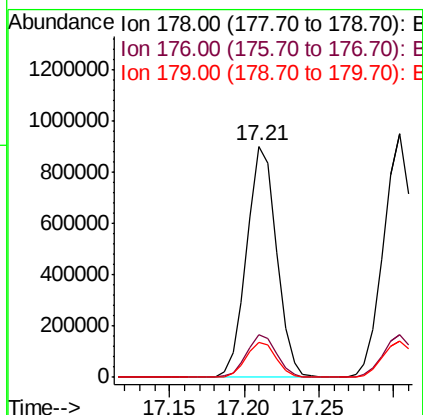
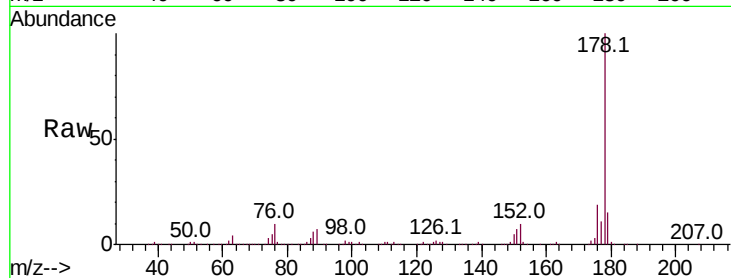




#71
Phenanthrene
Concen: 37.657 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

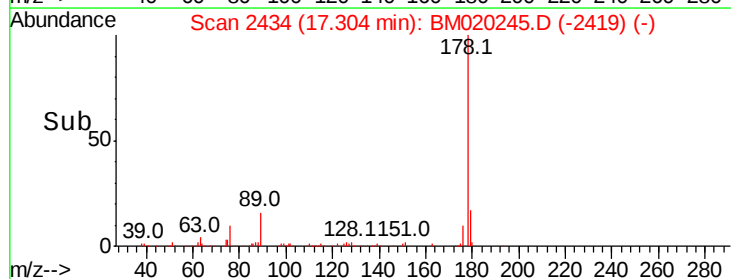
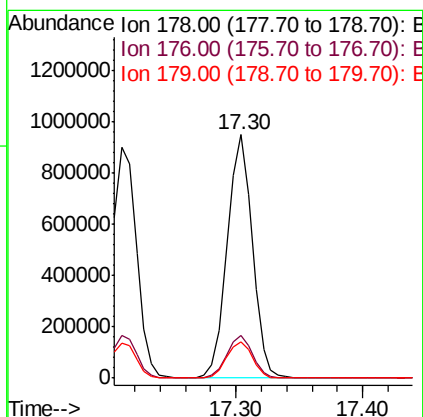
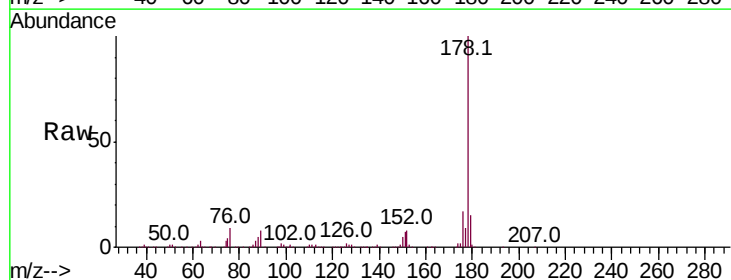
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

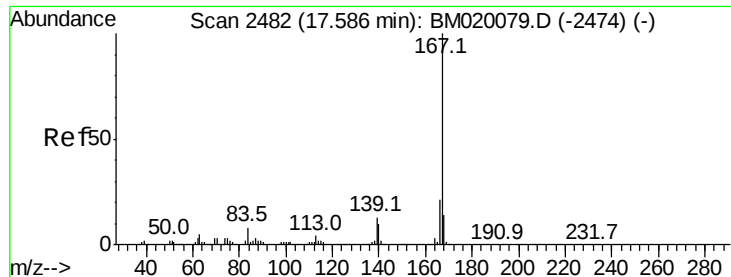
Tot Ion:178 Resp: 1248435
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.3 12.4 18.6



#72
Anthracene
Concen: 39.043 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:178 Resp: 1294164
Ion Ratio Lower Upper
178 100
176 17.4 14.6 22.0
179 15.1 12.4 18.6





#73

Carbazole

Concen: 39.330 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

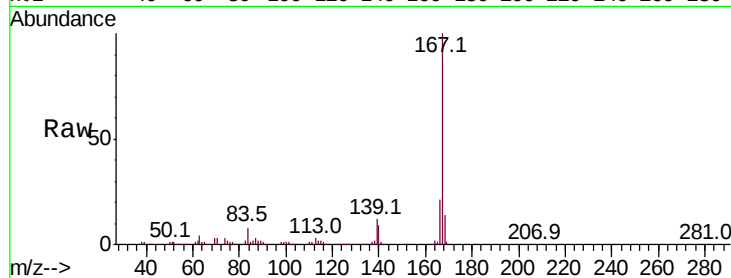
Tot Ion:167 Resp: 1176339

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

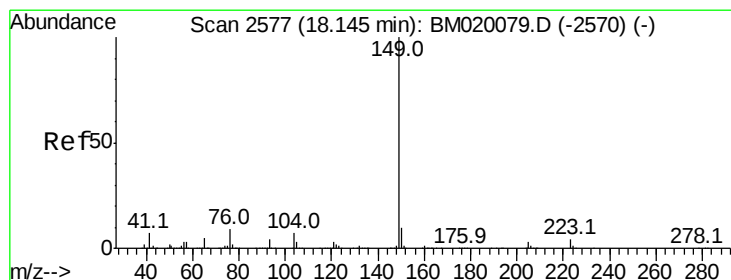
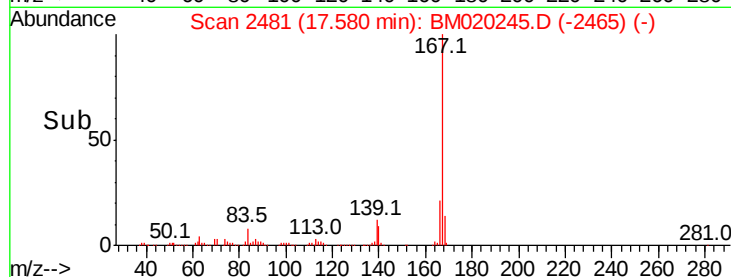
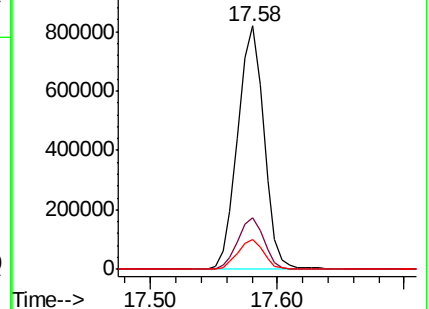
139 12.3 10.6 16.0



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: 38.123 ng

RT: 18.13 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

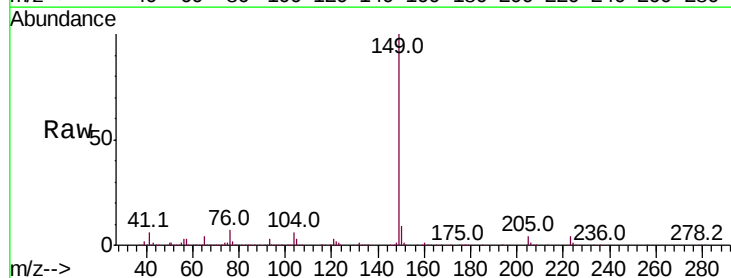
Tgt Ion:149 Resp: 1372220

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

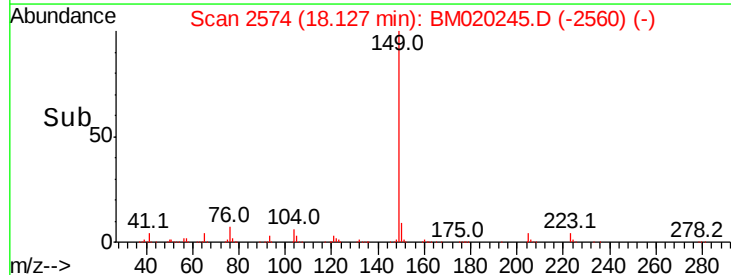
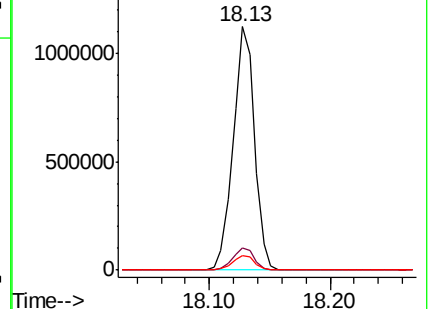
104 6.2 5.7 8.5

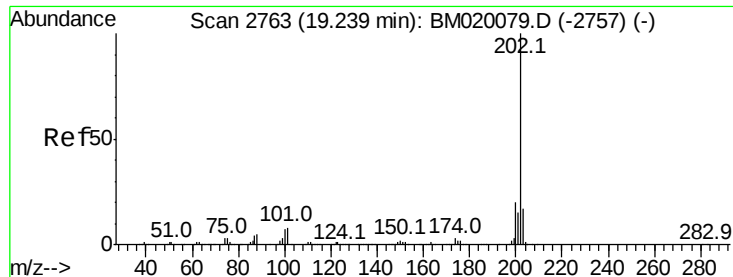


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.859 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

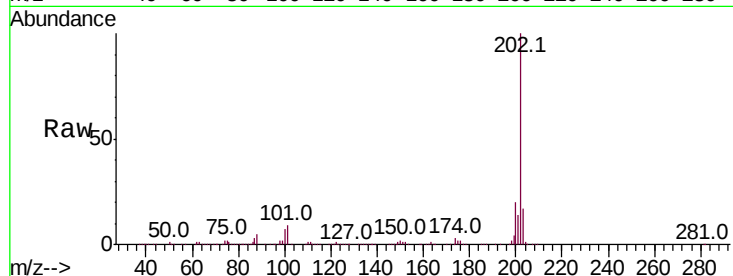
Tot Ion:202 Resp: 1630009

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.4

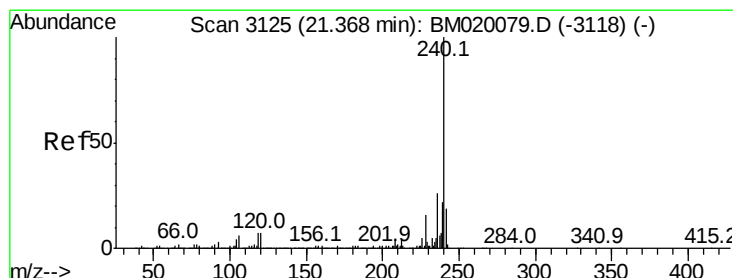
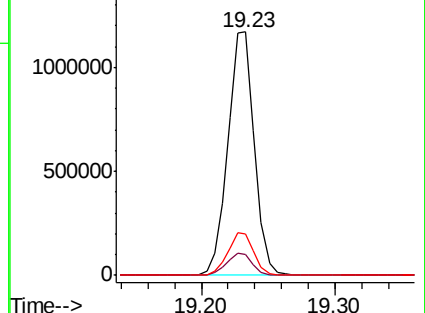
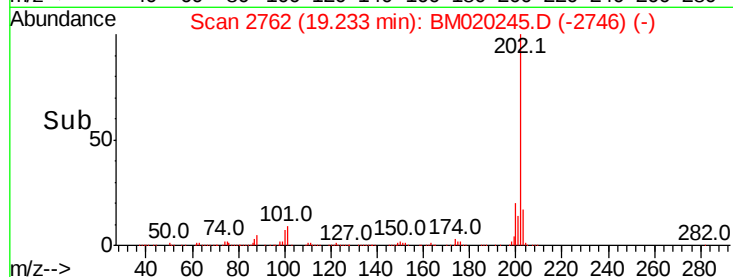
203 17.2 0.0 37.4



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: BM020245.D

Acq: 10 May 2019 17:04

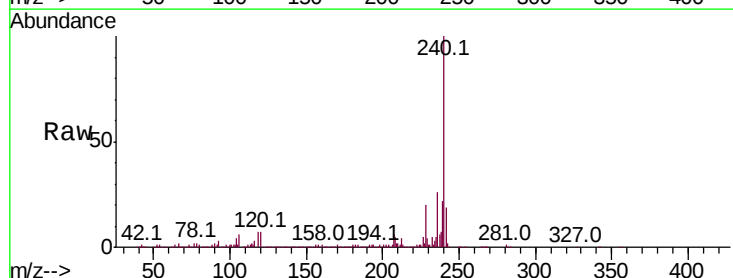
Tgt Ion:240 Resp: 670458

Ion Ratio Lower Upper

240 100

120 6.9 5.6 8.4

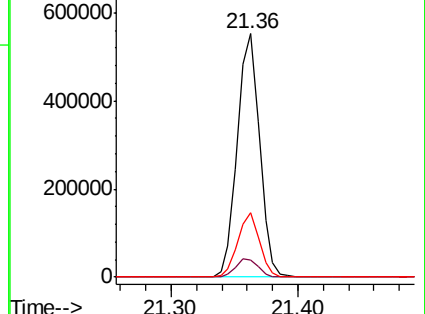
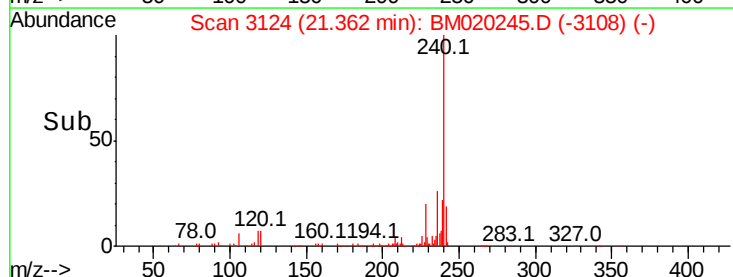
236 26.5 20.9 31.3

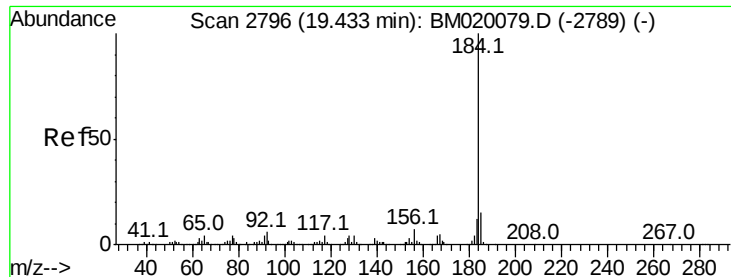


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.637 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

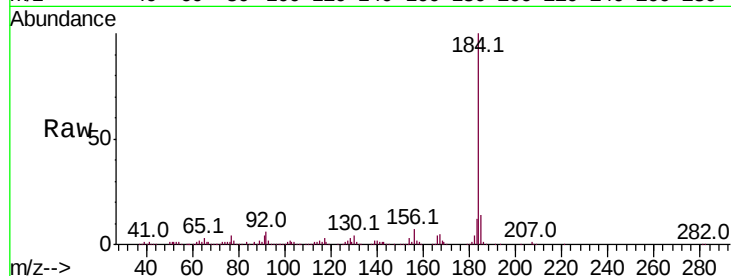
Tot Ion:184 Resp: 699583

Ion Ratio Lower Upper

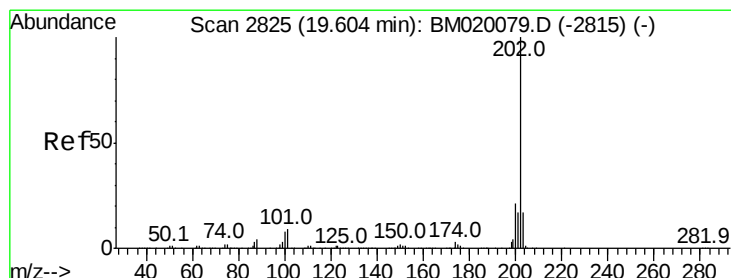
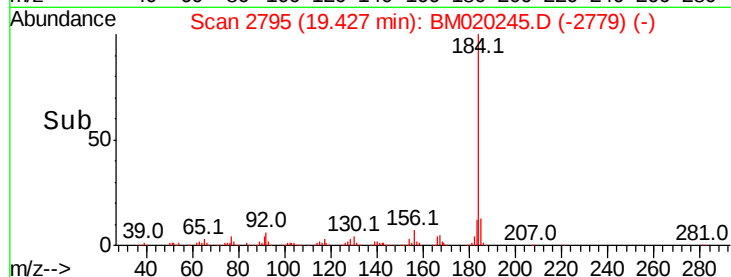
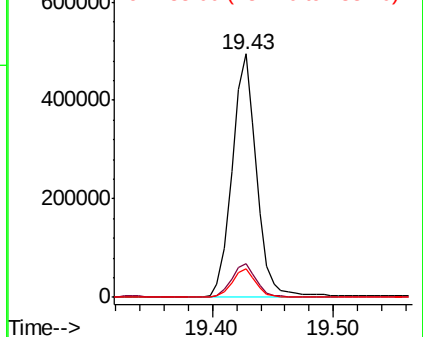
184 100

185 14.1 12.0 18.0

183 11.6 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: 37.368 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

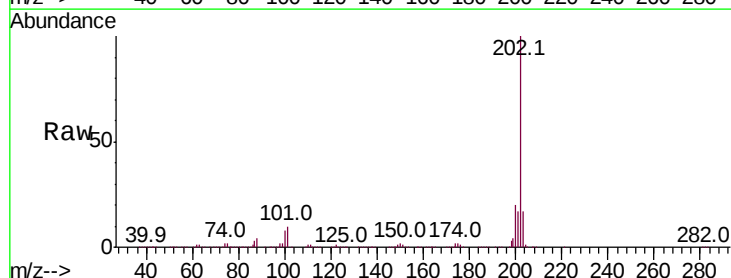
Tgt Ion:202 Resp: 1682088

Ion Ratio Lower Upper

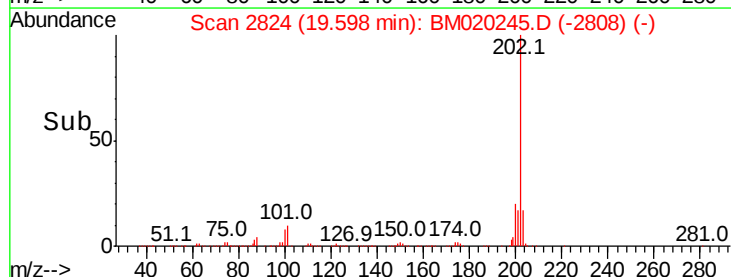
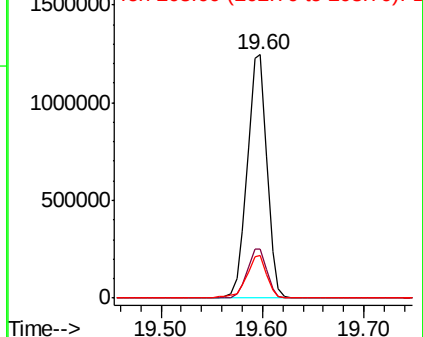
202 100

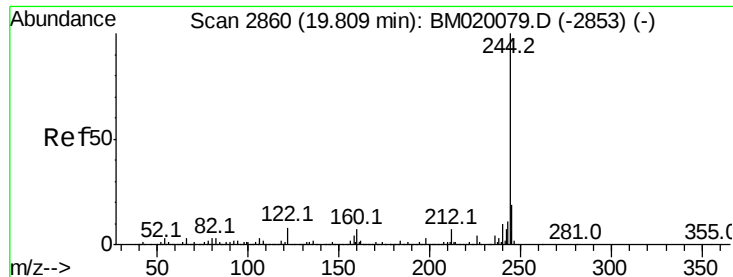
200 20.3 16.5 24.7

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: 66.740 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

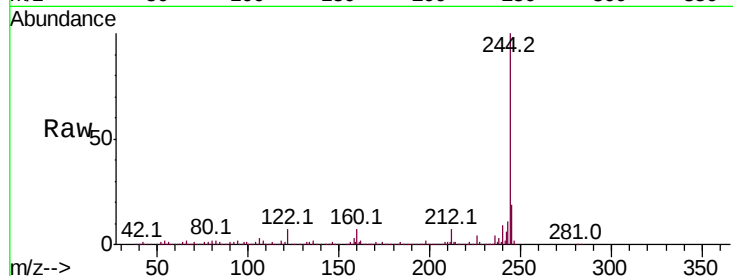
Tot Ion:244 Resp: 2565415

Ion Ratio Lower Upper

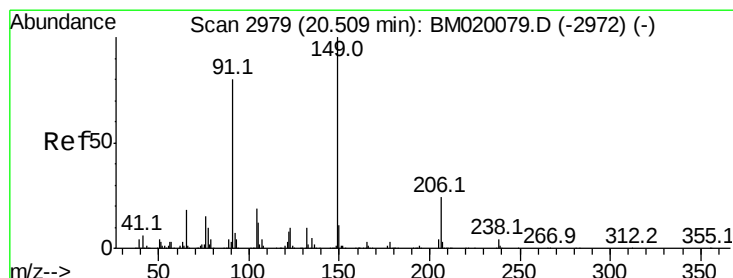
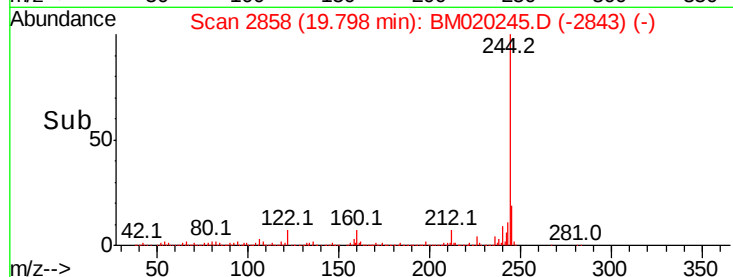
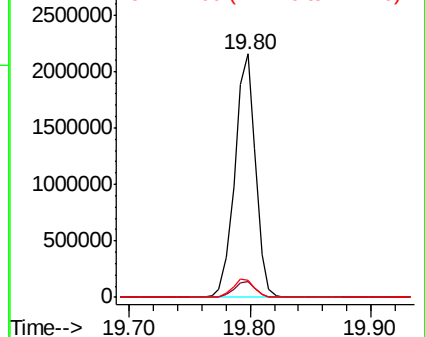
244 100

212 6.6 5.7 8.5

122 7.2 6.2 9.2



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



#80

Butylbenzylphthalate

Concen: 41.528 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

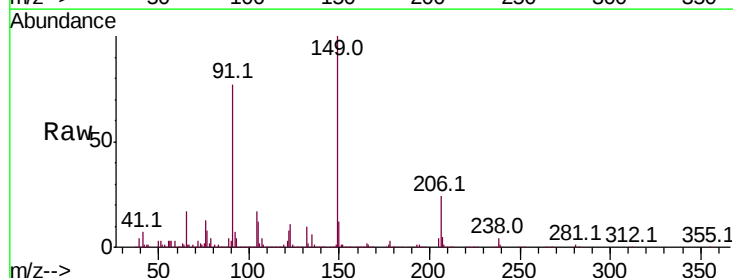
Tgt Ion:149 Resp: 679791

Ion Ratio Lower Upper

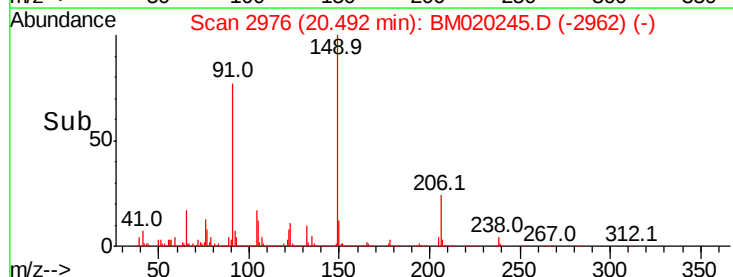
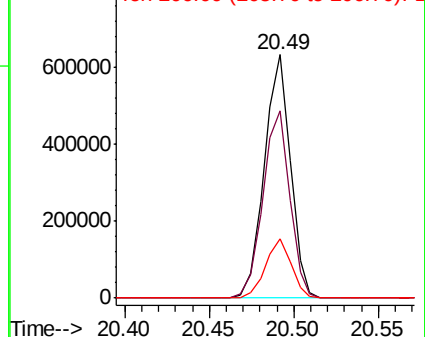
149 100

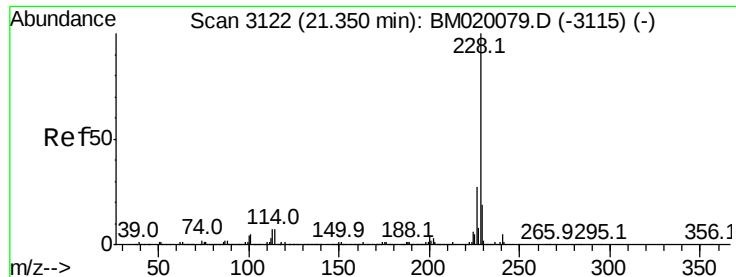
91 77.2 63.8 95.8

206 24.4 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

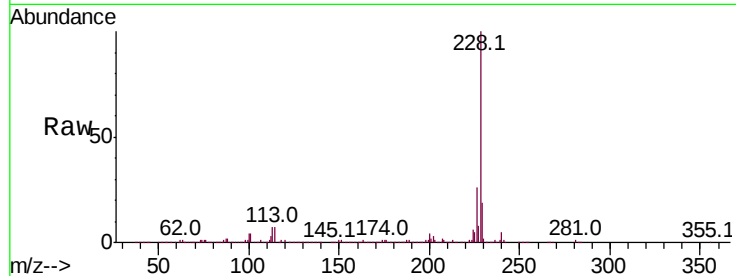




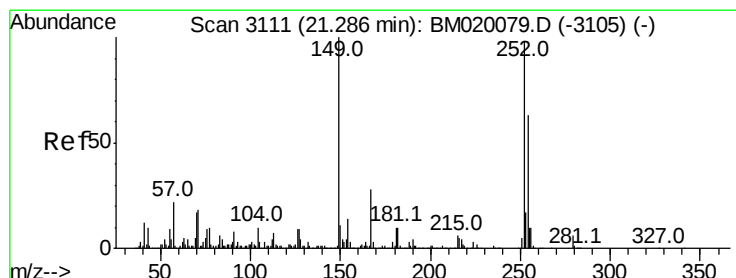
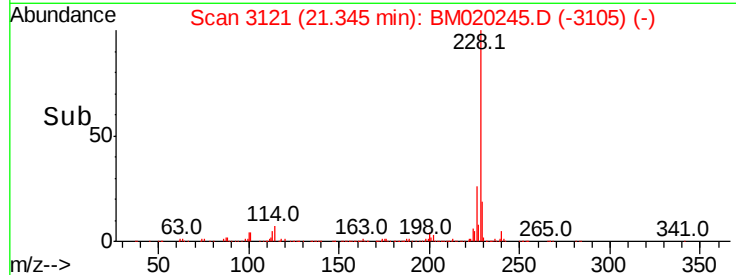
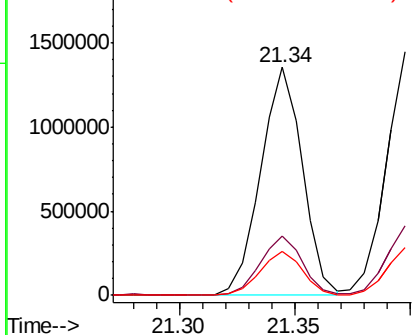
#81
Benzo(a)anthracene
Concen: 36.225 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:228 Resp: 1703264
Ion Ratio Lower Upper
228 100
226 26.2 21.3 31.9
229 19.5 15.5 23.3

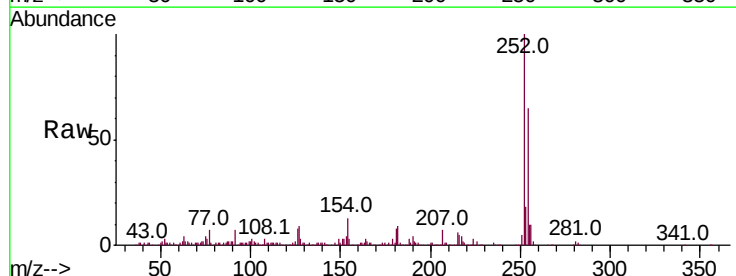


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

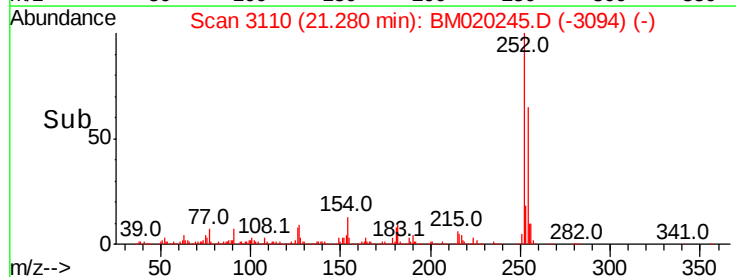
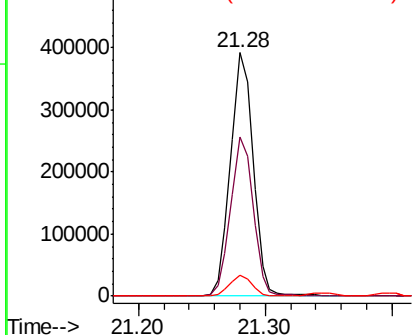


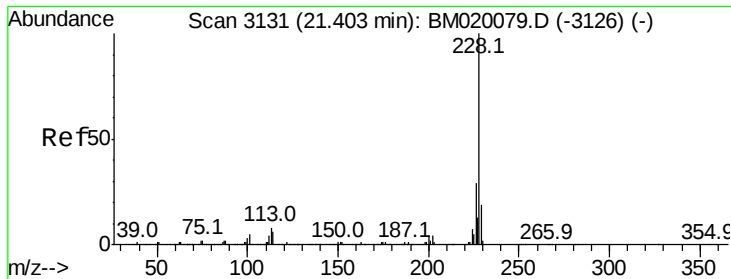
#82
3,3'-Dichlorobenzidine
Concen: 27.256 ng
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:252 Resp: 489133
Ion Ratio Lower Upper
252 100
254 65.4 51.1 76.7
126 8.4 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
500000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.346 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

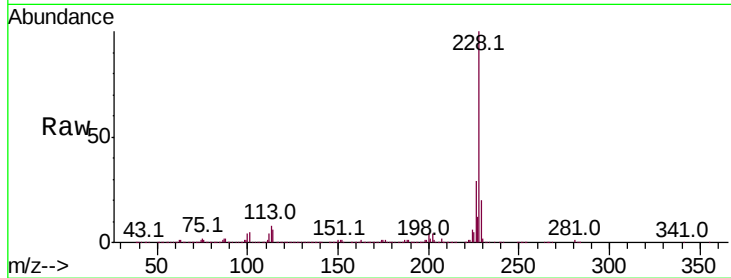
BNA_M

ClientSampleId :

COMP-5.8.19MS

Tot Ion:228 Resp: 1702981

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	19.6	15.5	23.3

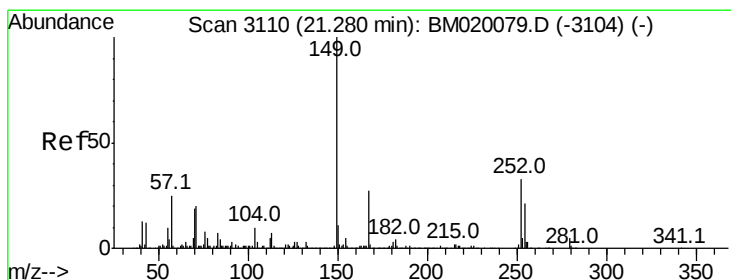
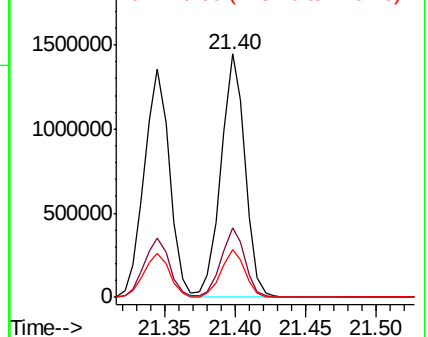
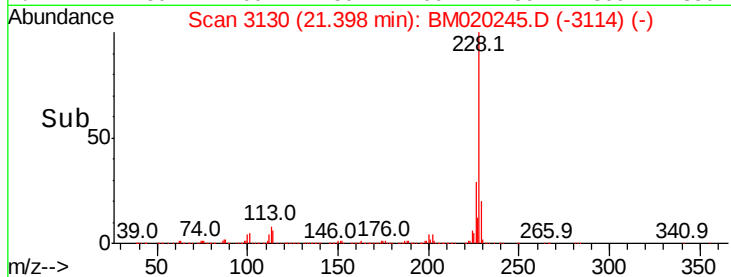


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.212 ng

RT: 21.26 min Scan# 3107

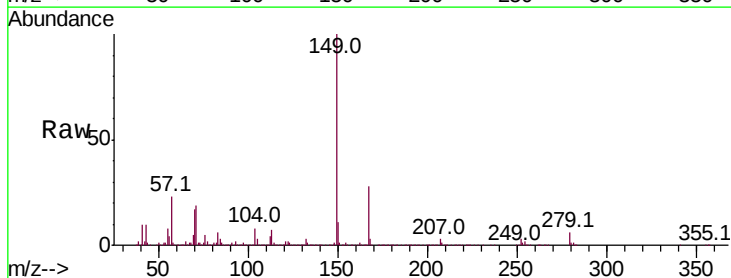
Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Tgt Ion:149 Resp: 996018

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.8	32.8
279	5.7	4.2	6.2

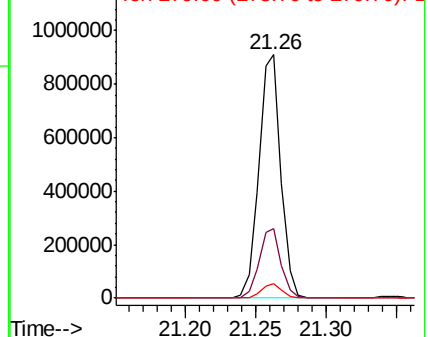
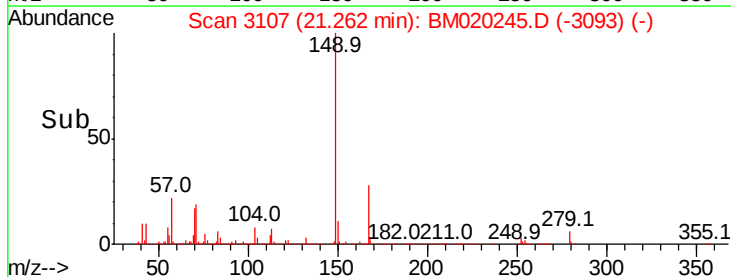


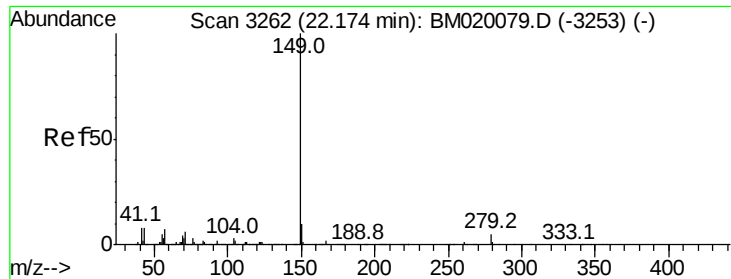
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.772 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

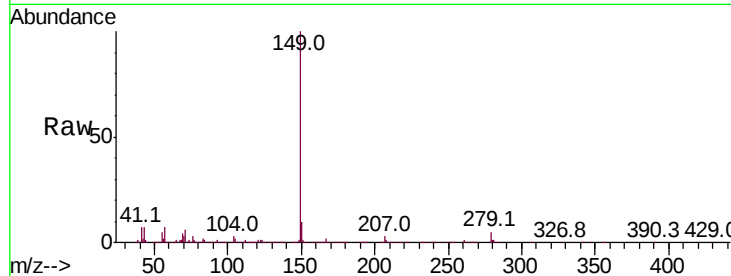
Tot Ion:149 Resp: 1763524

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

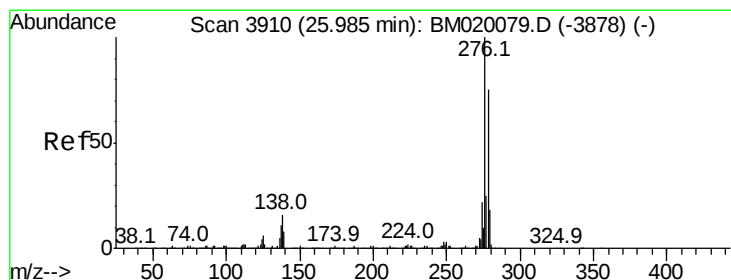
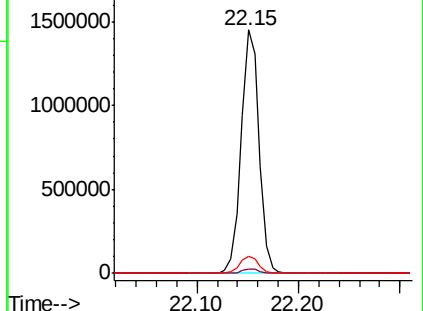
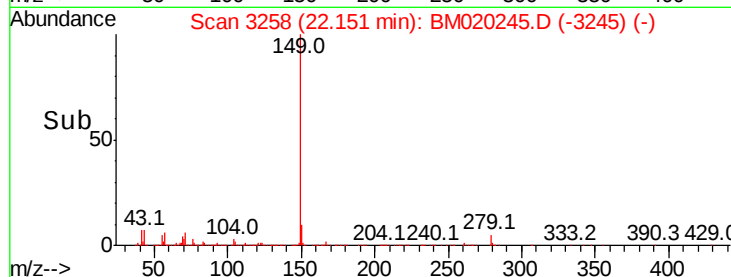
43 6.9 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.721 ng

RT: 25.99 min Scan# 3910

Delta R.T. 0.00 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

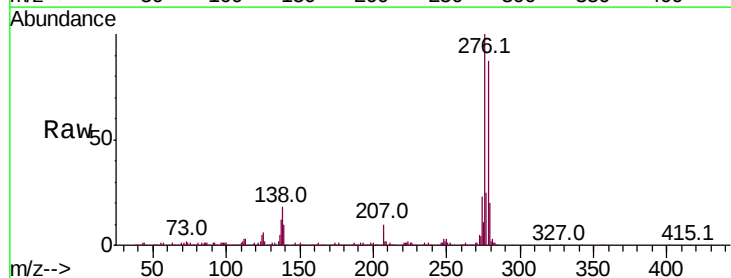
Tgt Ion:276 Resp: 1666342

Ion Ratio Lower Upper

276 100

138 17.3 0.0 0.0#

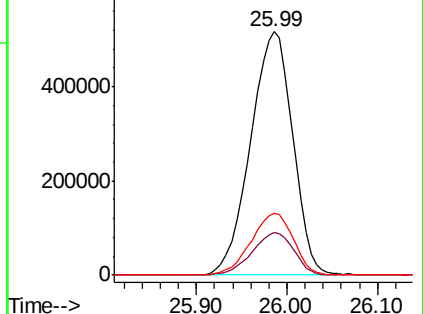
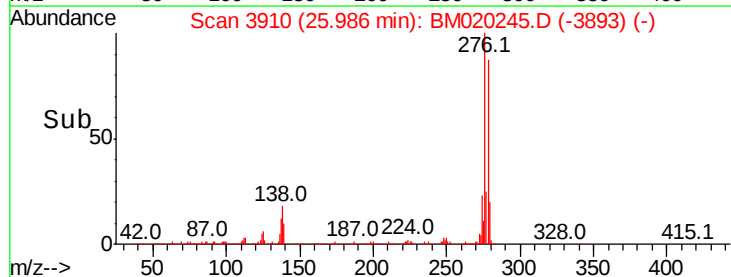
277 25.5 0.0 0.0#

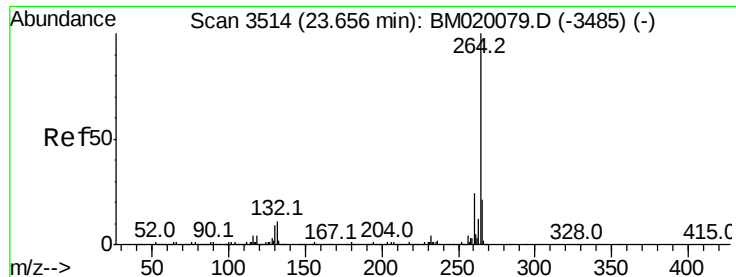


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



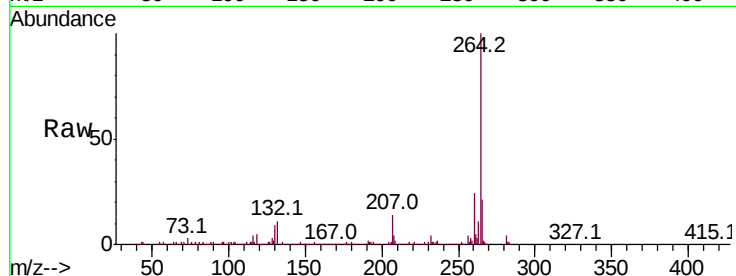


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

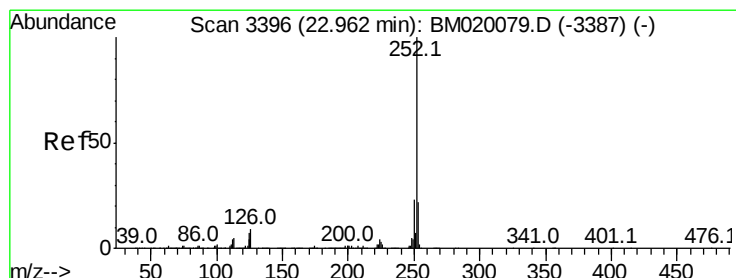
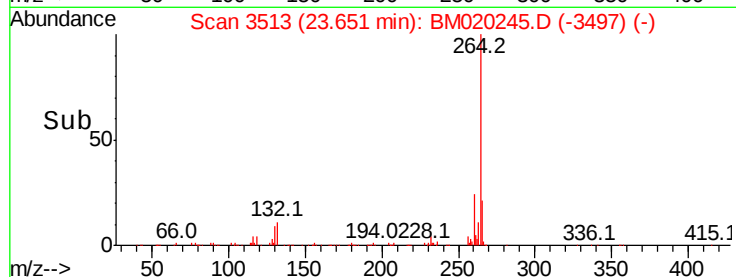
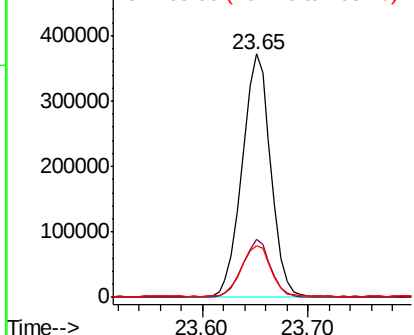
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

Tot Ion:264 Resp: 700173

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	16.9	25.3



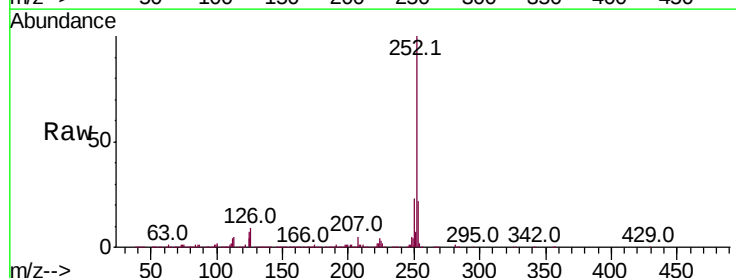
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



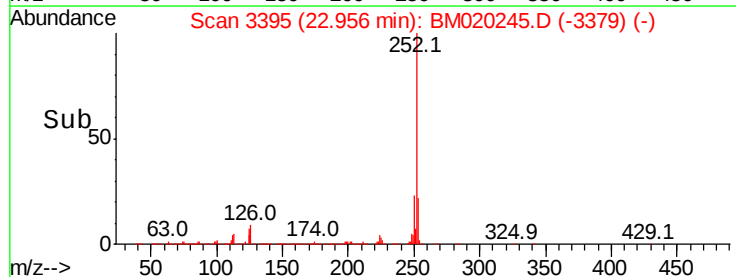
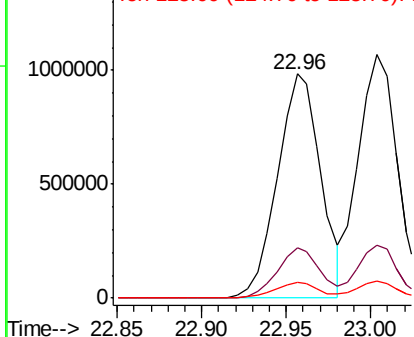
#88
Benzo(b)fluoranthene
Concen: 37.834 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

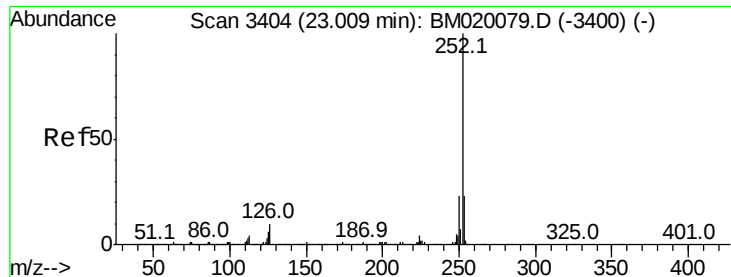
Tgt Ion:252 Resp: 1749281

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	7.1	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

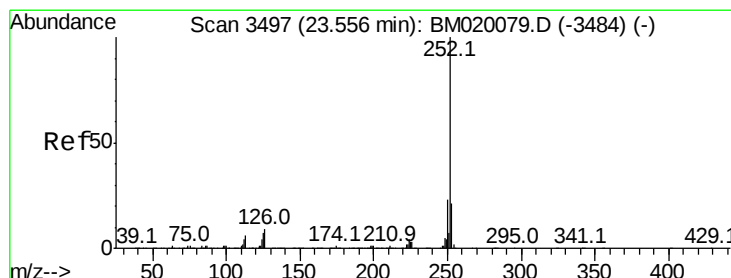
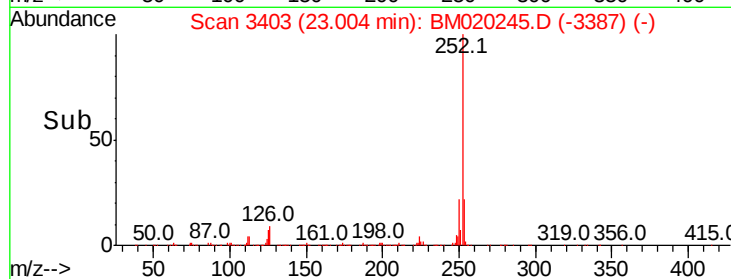
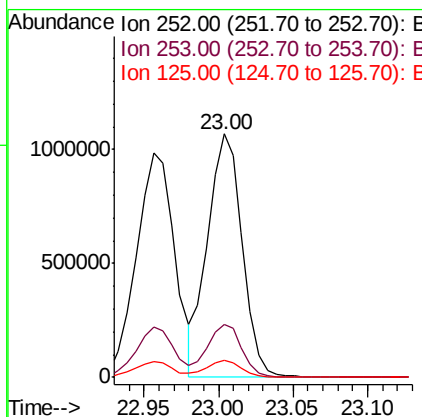
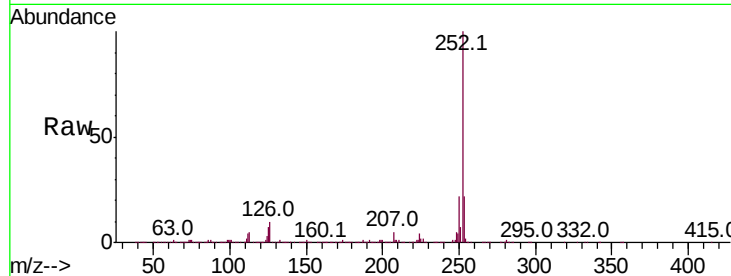




#89
Benzo(k)fluoranthene
Concen: 40.614 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

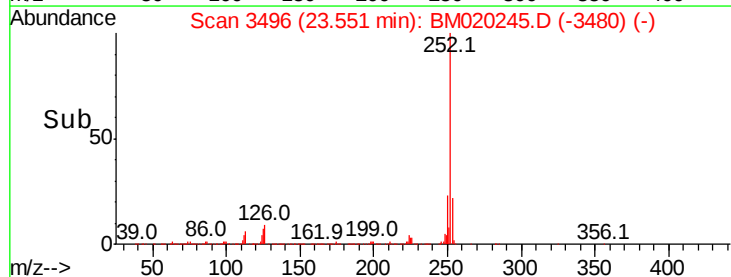
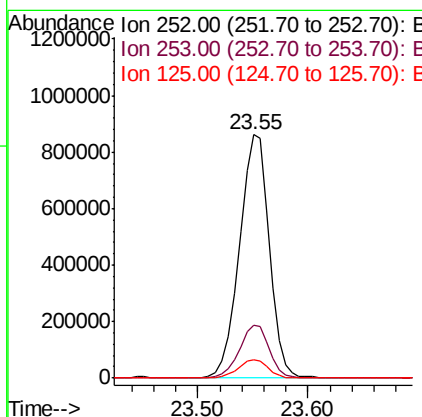
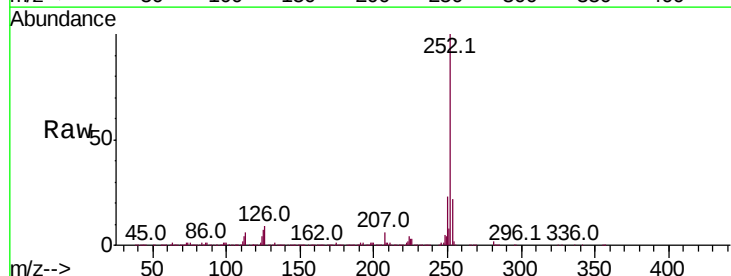
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MS

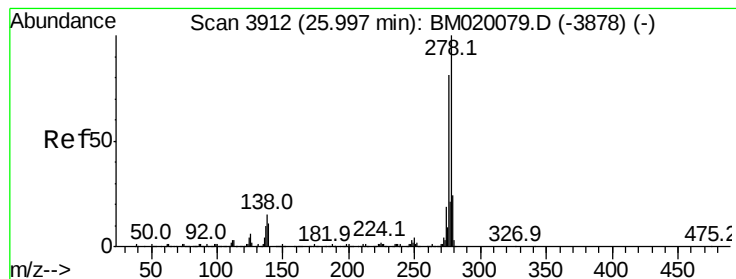
Tot Ion:252 Resp: 1712900
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 7.0 5.4 8.0



#90
Benzo(a)pyrene
Concen: 38.860 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020245.D
Acq: 10 May 2019 17:04

Tgt Ion:252 Resp: 1632022
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 7.5 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 33.134 ng

RT: 26.00 min Scan# 3912

Delta R.T. 0.00 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MS

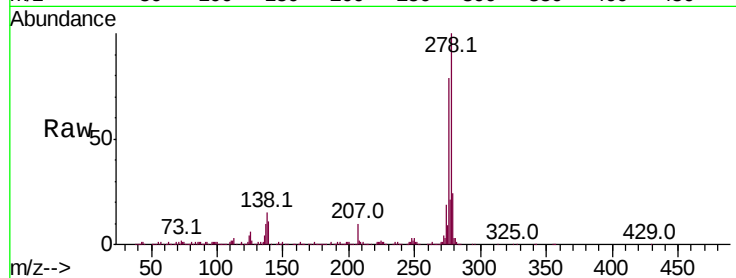
Tot Ion:278 Resp: 1447121

Ion Ratio Lower Upper

278 100

139 10.6 8.6 13.0

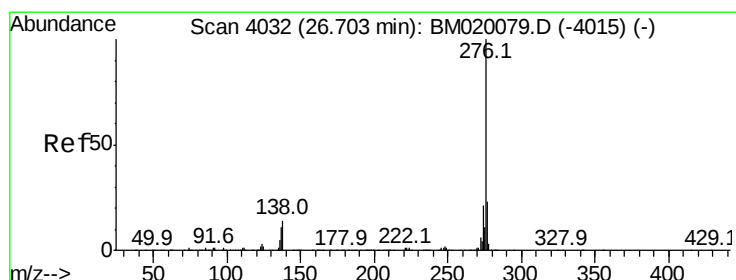
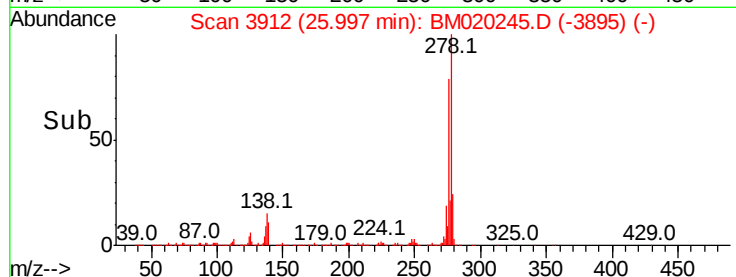
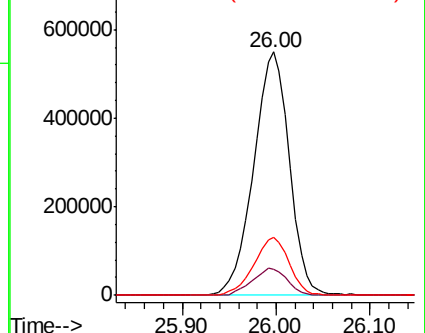
279 23.6 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 31.739 ng

RT: 26.70 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM020245.D

Acq: 10 May 2019 17:04

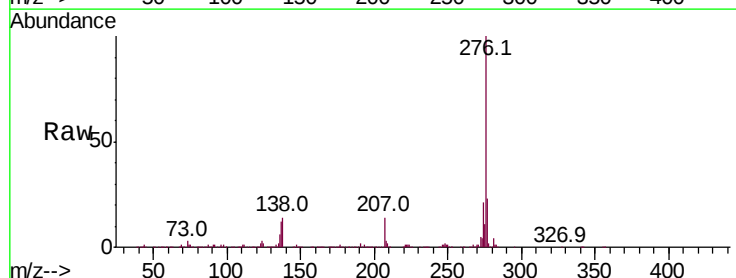
Tgt Ion:276 Resp: 1316068

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 14.0 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

