

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061620\
 Data File : BM026417.D
 Acq On : 16 Jun 2020 18:05
 Operator : JU/CG
 Sample : L3020-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-22(16.5-18.5)MSD

Quant Time: Jun 16 18:37:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 10:23:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	104738	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	417534	20.00	ng	0.00
39) Acenaphthene-d10	14.05	164	256431	20.00	ng	0.00
64) Phenanthrene-d10	16.80	188	561603	20.00	ng	0.00
76) Chrysene-d12	21.02	240	599347	20.00	ng	0.00
86) Perylene-d12	23.10	264	624971	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.04	112	688652	116.25	ng	0.00
7) Phenol-d6	6.61	99	943317	109.97	ng	0.00
23) Nitrobenzene-d5	8.55	82	625310	73.53	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	363739	117.10	ng	0.00
45) 2-Fluorobiphenyl	12.66	172	1259473	74.56	ng	0.00
79) Terphenyl-d14	19.46	244	2093508	67.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	97684	36.574	ng	99
3) Pyridine	3.40	79	267720	34.127	ng	100
4) n-Nitrosodimethylamine	3.32	42	147099	37.872	ng	95
6) Aniline	6.75	93	277320	24.647	ng	98
8) 2-Chlorophenol	6.97	128	273438	40.018	ng	99
9) Benzaldehyde	6.56	77	159936	29.240	ng	98
10) Phenol	6.63	94	373390	40.873	ng	99
11) bis(2-Chloroethyl)ether	6.85	93	264759	35.981	ng	98
12) 1,3-Dichlorobenzene	7.29	146	288168	38.092	ng	99
13) 1,4-Dichlorobenzene	7.43	146	294932	38.275	ng	99
14) 1,2-Dichlorobenzene	7.75	146	281349	37.378	ng	97
15) Benzyl Alcohol	7.65	79	261068	35.840	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.94	45	477916	34.777	ng	99
17) 2-Methylphenol	7.86	107	233649	34.993	ng	97
18) Hexachloroethane	8.45	117	113809	38.999	ng	97
19) n-Nitroso-di-n-propylamine	8.21	70	234576	35.092	ng	99
20) 3+4-Methylphenols	8.19	107	316968	34.830	ng	98
22) Acetophenone	8.22	105	405147	37.736	ng	# 96
24) Nitrobenzene	8.59	77	342282	38.450	ng	100
25) Isophorone	9.12	82	591277	37.011	ng	99
26) 2-Nitrophenol	9.29	139	143674	40.781	ng	95
27) 2,4-Dimethylphenol	9.37	122	238340	42.854	ng	97
28) bis(2-Chloroethoxy)methane	9.60	93	349367	38.545	ng	99
29) 2,4-Dichlorophenol	9.82	162	252314	41.348	ng	97
30) 1,2,4-Trichlorobenzene	10.03	180	263896	39.438	ng	99
31) Naphthalene	10.20	128	814470	38.709	ng	100
32) Benzoic acid	9.54	122	174417	39.967	ng	98
33) 4-Chloroaniline	10.33	127	127542	13.898	ng	98
34) Hexachlorobutadiene	10.50	225	166778	39.480	ng	98
35) Caprolactam	11.12	113	44544	20.777	ng	93
36) 4-Chloro-3-methylphenol	11.47	107	296816	39.917	ng	100
37) 2-Methylnaphthalene	11.83	142	588005	39.217	ng	99
38) 1-Methylnaphthalene	12.06	142	559076	39.362	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	303189	41.535	ng	99

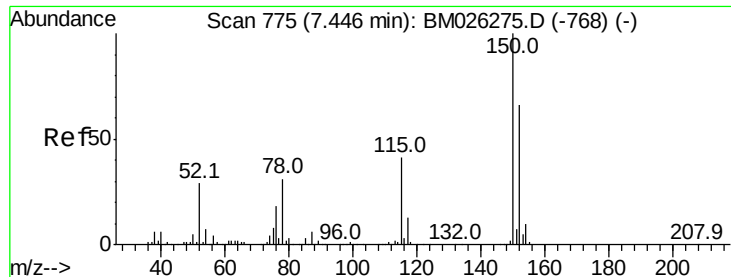
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061620\
 Data File : BM026417.D
 Acq On : 16 Jun 2020 18:05
 Operator : JU/CG
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 10:23:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.19	237	358993	83.455	ng	99
43) 2,4,6-Trichlorophenol	12.47	196	203985	41.286	ng	98
44) 2,4,5-Trichlorophenol	12.55	196	217738	37.967	ng	100
46) 1,1'-Biphenyl	12.87	154	732724	40.757	ng	99
47) 2-Chloronaphthalene	12.91	162	573542	39.276	ng	99
48) 2-Nitroaniline	13.13	65	218142	37.693	ng	100
49) Acenaphthylene	13.77	152	917990	39.304	ng	99
50) Dimethylphthalate	13.53	163	895883	47.765	ng	100
51) 2,6-Dinitrotoluene	13.65	165	160510	38.999	ng	99
52) Acenaphthene	14.12	154	546975	39.010	ng	99
53) 3-Nitroaniline	13.97	138	106139	23.159	ng	96
54) 2,4-Dinitrophenol	14.19	184	192568	76.984	ng	99
55) Dibenzofuran	14.46	168	881952	39.039	ng	100
56) 4-Nitrophenol	14.31	139	285743	78.621	ng	98
57) 2,4-Dinitrotoluene	14.45	165	225290	39.368	ng	99
58) Fluorene	15.11	166	717090	39.078	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.70	232	204107	41.609	ng	99
60) Diethylphthalate	14.91	149	739317	38.699	ng	100
61) 4-Chlorophenyl-phenylether	15.12	204	367336	37.740	ng	99
62) 4-Nitroaniline	15.15	138	174551	35.713	ng	98
63) Azobenzene	15.41	77	820701	39.264	ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	133347	39.046	ng	99
66) n-Nitrosodiphenylamine	15.33	169	632205	38.859	ng	100
67) 4-Bromophenyl-phenylether	16.01	248	226208	36.589	ng	99
68) Hexachlorobenzene	16.12	284	248557	38.529	ng	98
69) Atrazine	16.30	200	207907	42.775	ng	99
70) Pentachlorophenol	16.47	266	315081	81.105	ng	100
71) Phenanthrene	16.85	178	1125877	38.497	ng	100
72) Anthracene	16.94	178	1151923	39.465	ng	99
73) Carbazole	17.22	167	1042086	37.648	ng	99
74) Di-n-butylphthalate	17.80	149	1298374	39.775	ng	100
75) Fluoranthene	18.87	202	1357290	40.480	ng	99
77) Benzidine	19.08	184	667262	53.598	ng	100
78) Pyrene	19.24	202	1375343	34.730	ng	100
80) Butylbenzylphthalate	20.17	149	584091	36.474	ng	97
81) Benzo(a)anthracene	21.00	228	1371498	38.123	ng	100
82) 3,3'-Dichlorobenzidine	20.94	252	406373	36.510	ng	98
83) Chrysene	21.05	228	1335231	38.947	ng	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	884645	38.742	ng	99
85) Di-n-octyl phthalate	21.81	149	1528676	43.398	ng	99
87) Indeno(1,2,3-cd)pyrene	25.14	276	1588617	43.942	ng	100
88) Benzo(b)fluoranthene	22.49	252	1372850	36.516	ng	100
89) Benzo(k)fluoranthene	22.53	252	1402997	38.412	ng	99
90) Benzo(a)pyrene	23.02	252	1268304	37.984	ng	99
91) Dibenzo(a,h)anthracene	25.16	278	1341133	44.435	ng	100
92) Benzo(g,h,i)perylene	25.76	276	1291136	44.955	ng	99

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

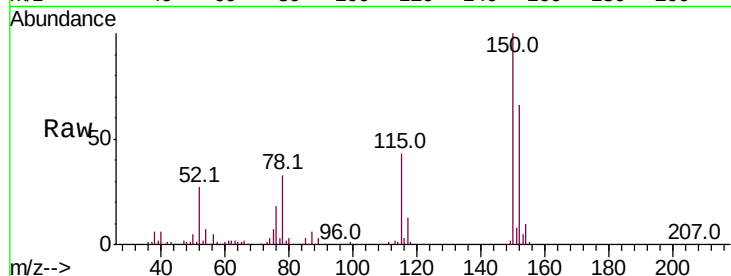


#1

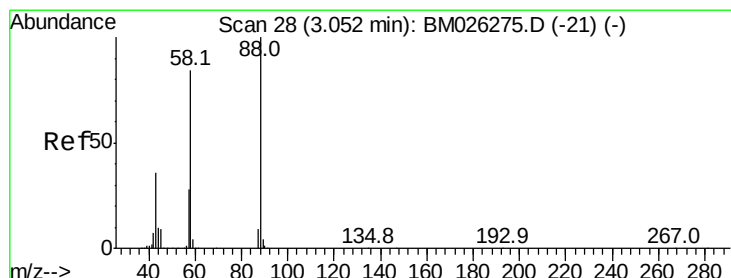
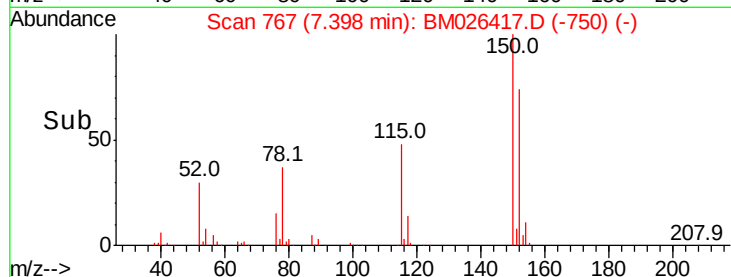
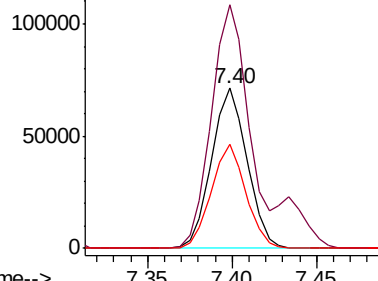
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

Tot Ion:152 Resp: 104738
Ion Ratio Lower Upper
152 100
150 152.1 127.8 191.6
115 65.4 51.5 77.3



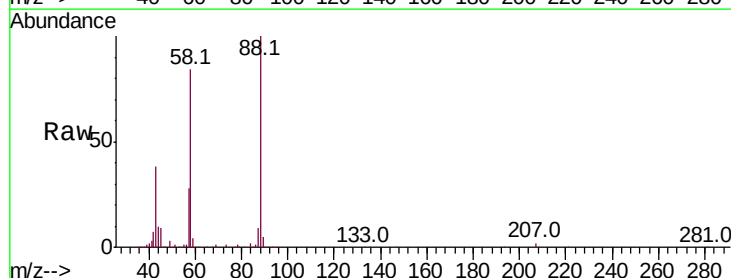
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



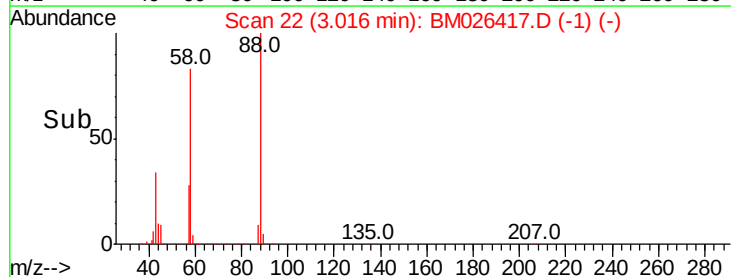
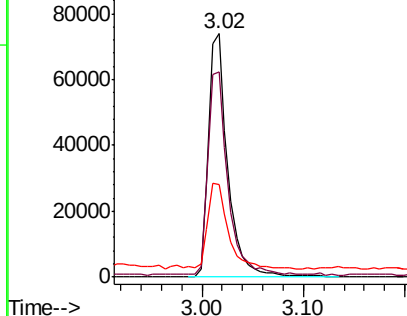
#2

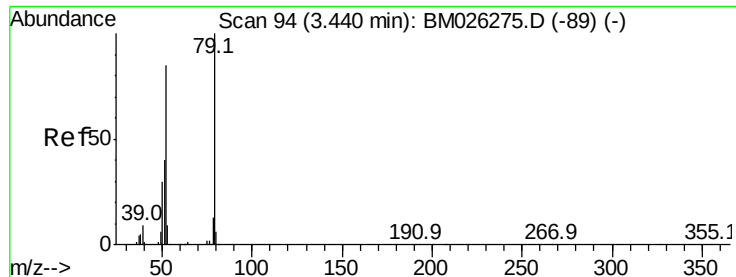
1,4-Dioxane
Concen: 36.574 ng
RT: 3.02 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion: 88 Resp: 97684
Ion Ratio Lower Upper
88 100
58 85.5 67.7 101.5
43 36.5 28.0 42.0



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





#3

Pvridine

Concen: 34.127 ng

RT: 3.40 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

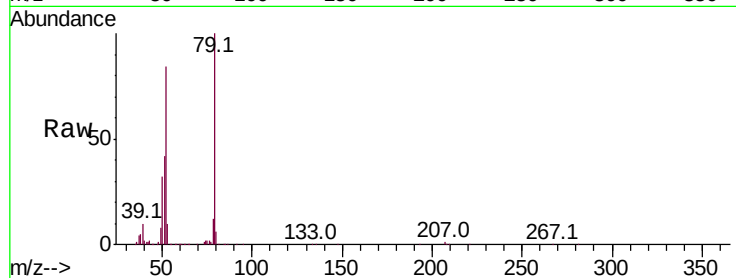
Tot Ion: 79 Resp: 267720

Ion Ratio Lower Upper

79 100

52 84.5 67.4 101.2

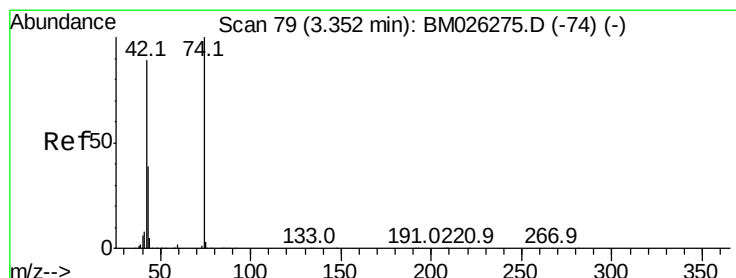
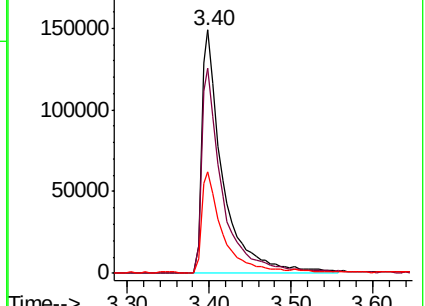
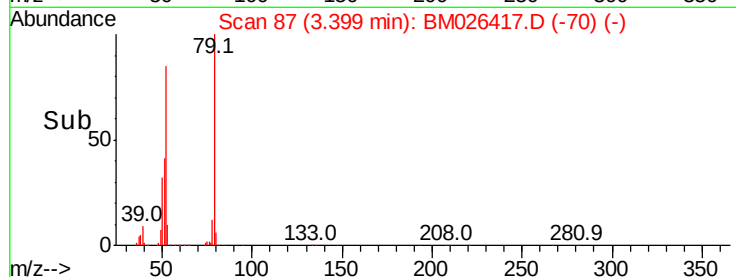
51 41.8 33.0 49.6



Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 37.872 ng

RT: 3.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

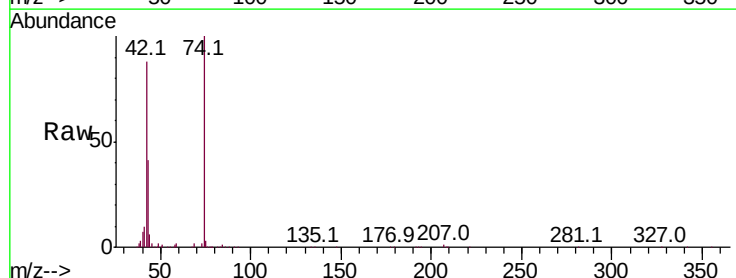
Tgt Ion: 42 Resp: 147099

Ion Ratio Lower Upper

42 100

74 113.6 95.4 143.2

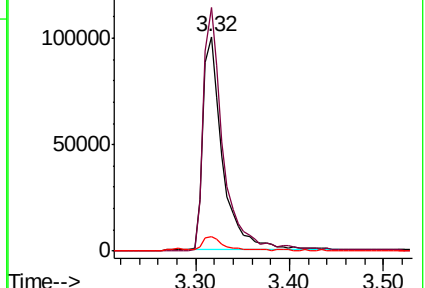
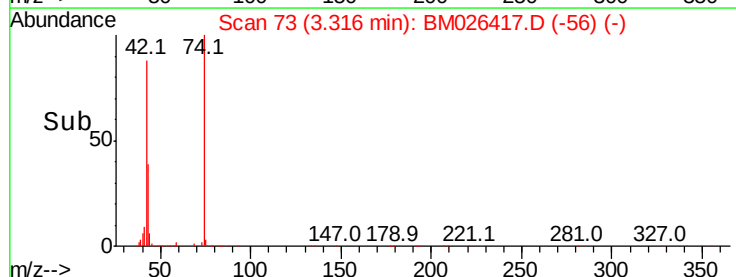
44 6.8 5.9 8.9

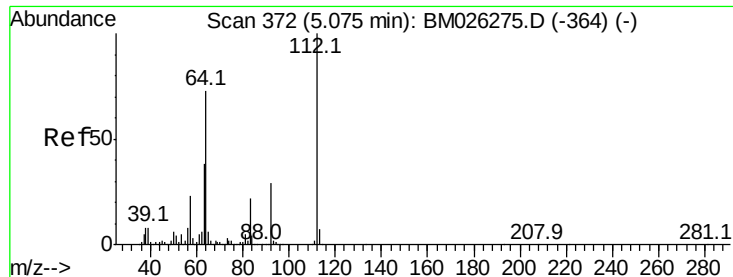


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 116.248 ng

RT: 5.04 min Scan# 366

Delta R.T. 0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

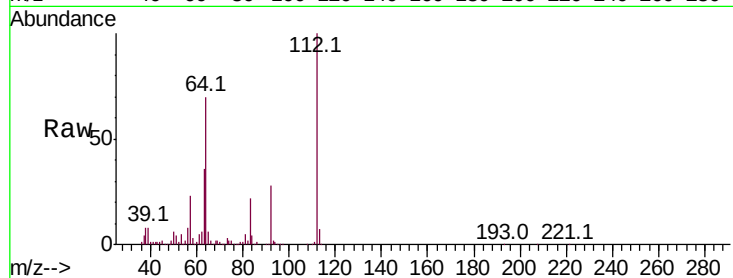
Tot Ion:112 Resp: 688652

Ion Ratio Lower Upper

112 100

64 70.0 56.0 84.0

63 35.8 29.0 43.6



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

5.04

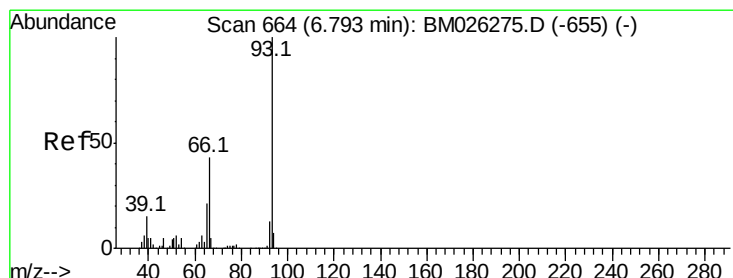
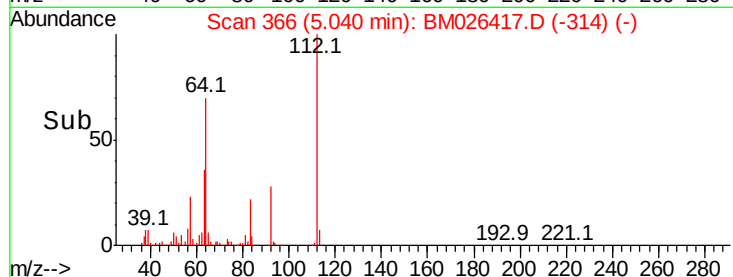
600000

400000

200000

0

Time-->



#6

Aniline

Concen: 24.647 ng

RT: 6.75 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

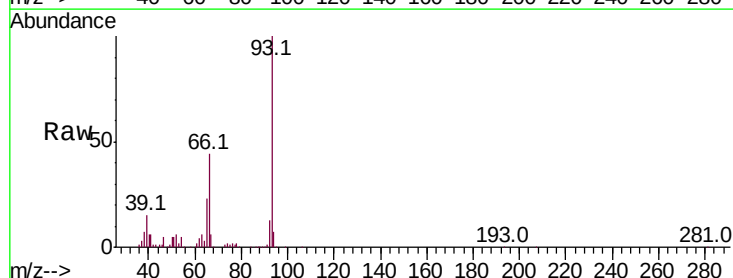
Tgt Ion: 93 Resp: 277320

Ion Ratio Lower Upper

93 100

66 44.1 34.1 51.1

65 23.1 17.5 26.3



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

250000

200000

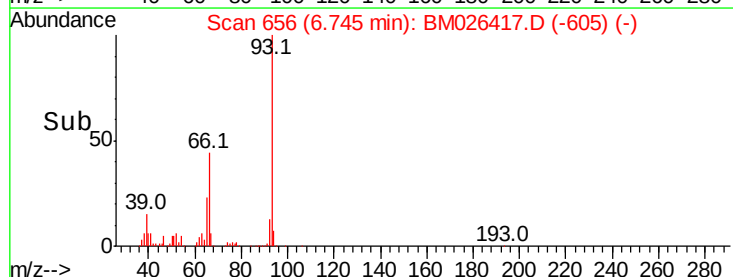
150000

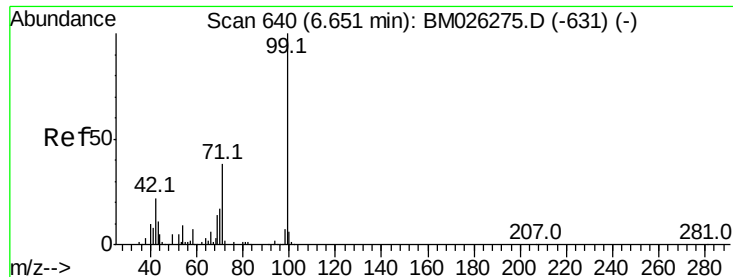
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 109.966 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

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ClientSampleId :

MW-22(16.5-18.5)MSD

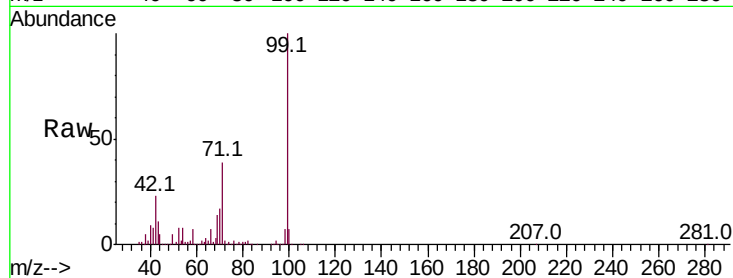
Tot Ion: 99 Resp: 943317

Ion Ratio Lower Upper

99 100

42 22.7 17.8 26.6

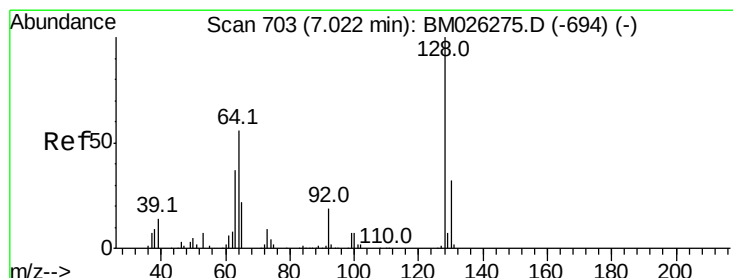
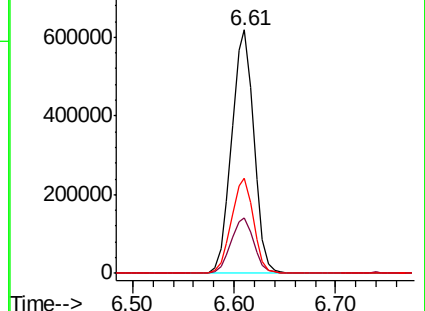
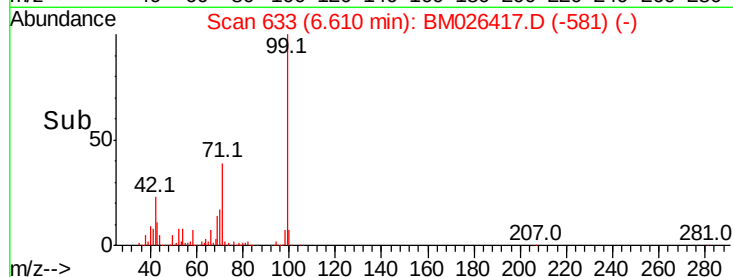
71 38.9 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026417.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026417.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026417.D (-631) (-)



#8

2-Chlorophenol

Concen: 40.018 ng

RT: 6.97 min Scan# 695

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

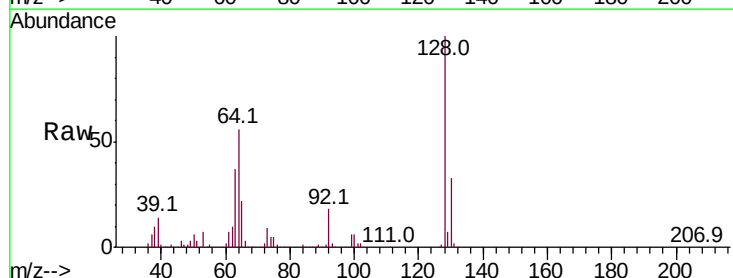
Tgt Ion: 128 Resp: 273438

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

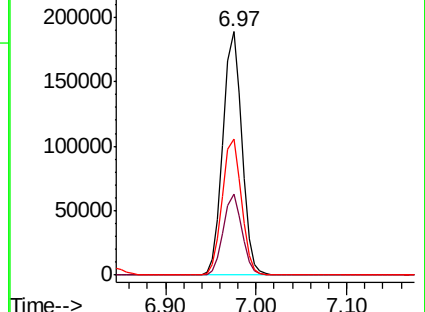
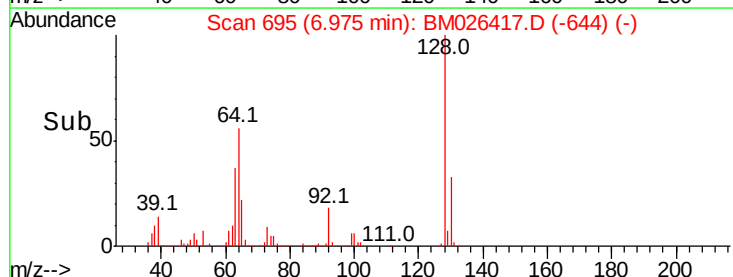
64 55.9 36.4 76.4

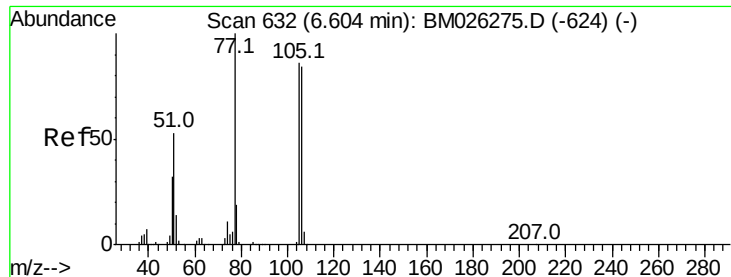


Abundance Ion 128.00 (127.70 to 128.70): BM026417.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM026417.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM026417.D (-694) (-)





#9

Benzaldehyde

Concen: 29.240 ng

RT: 6.56 min Scan# 624

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

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ClientSampleId :

MW-22(16.5-18.5)MSD

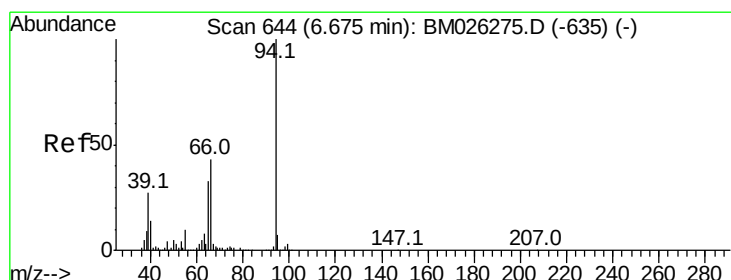
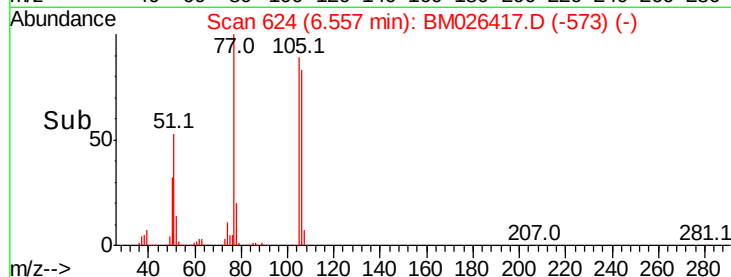
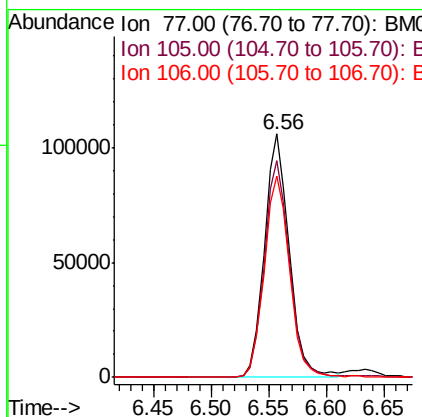
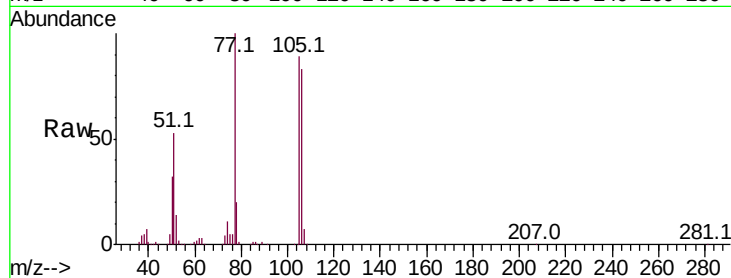
Tot Ion: 77 Resp: 159936

Ion Ratio Lower Upper

77 100

105 89.0 71.5 111.5

106 82.7 64.7 104.7



#10

Phenol

Concen: 40.873 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

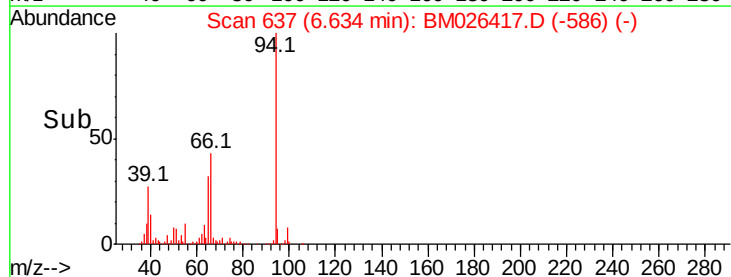
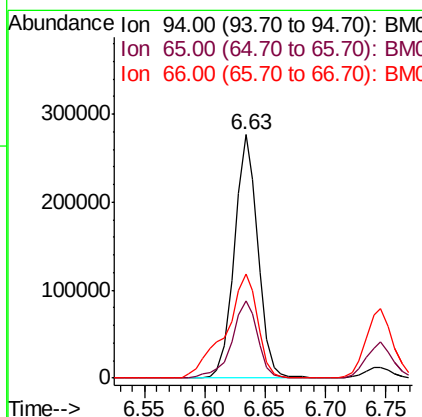
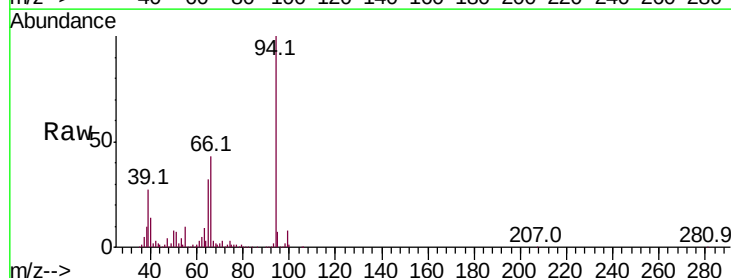
Tgt Ion: 94 Resp: 373390

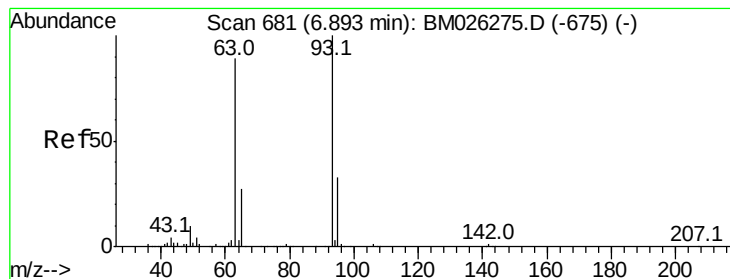
Ion Ratio Lower Upper

94 100

65 31.9 11.4 51.4

66 42.9 21.7 61.7





#11

bis(2-Chloroethyl)ether

Concen: 35.981 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

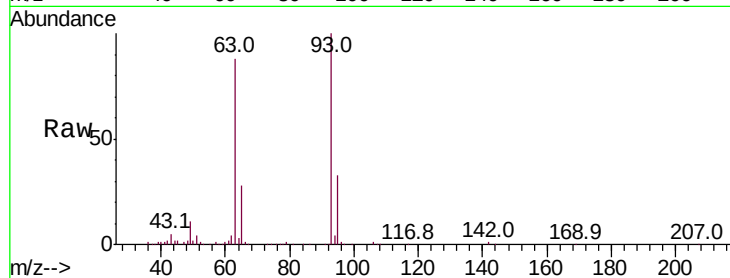
Tot Ion: 93 Resp: 264759

Ion Ratio Lower Upper

93 100

63 87.9 66.7 106.7

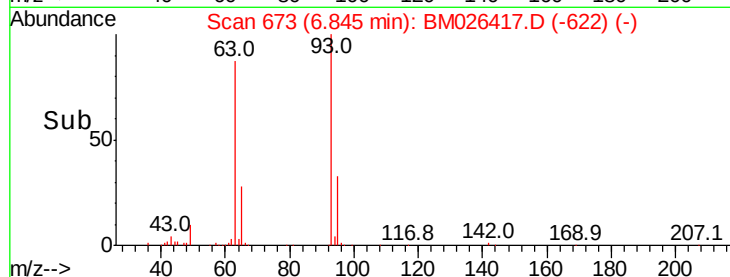
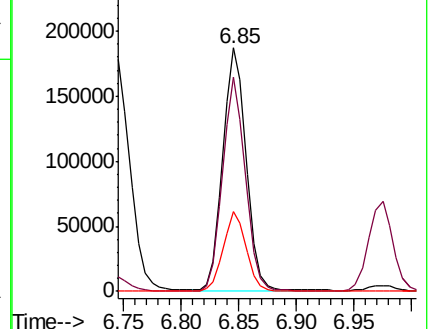
95 33.0 14.5 54.5



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: 38.092 ng

RT: 7.29 min Scan# 748

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

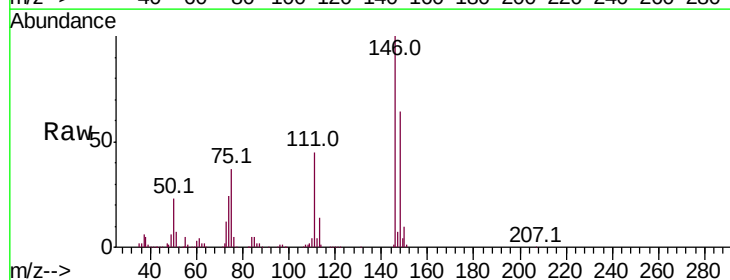
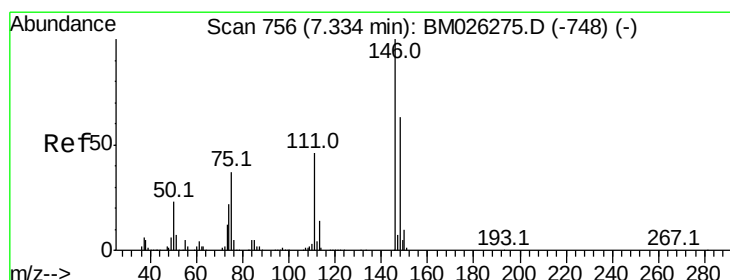
Tgt Ion: 146 Resp: 288168

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

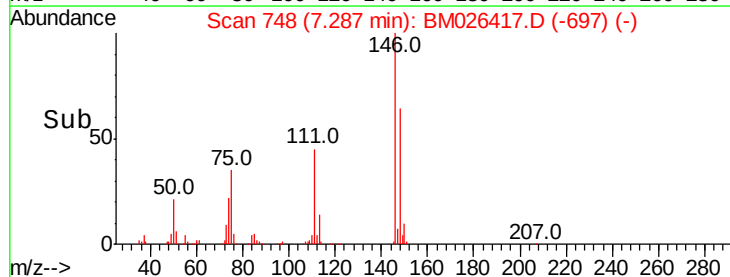
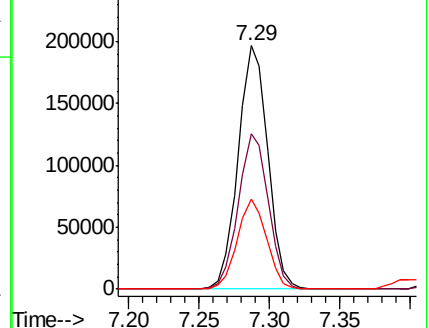
75 37.1 29.0 43.6

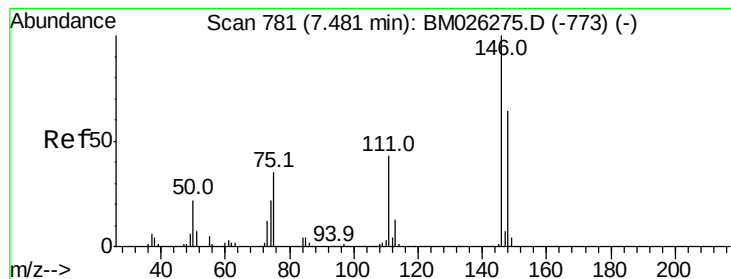


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM0





#13

1,4-Dichlorobenzene

Concen: 38.275 ng

RT: 7.43 min Scan# 773

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

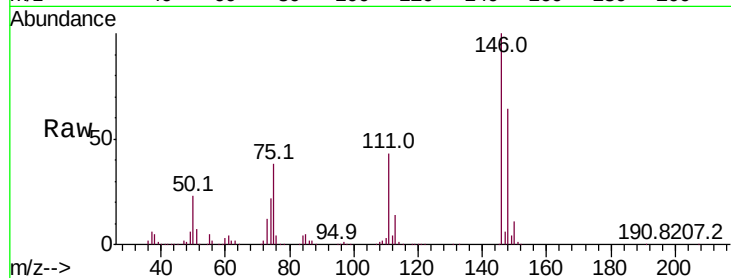
Tot Ion:146 Resp: 294932

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

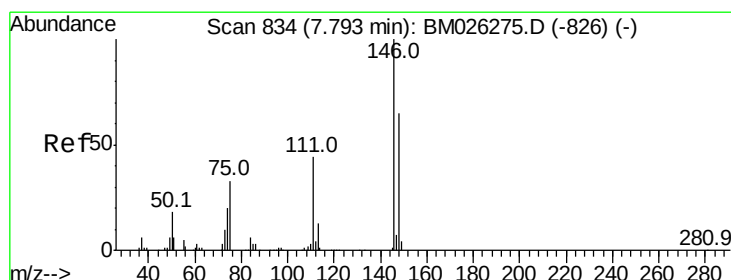
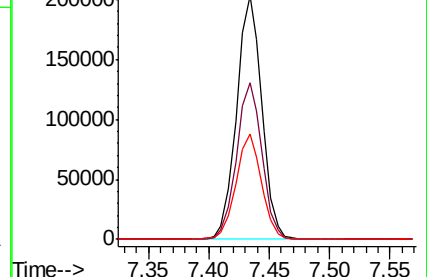
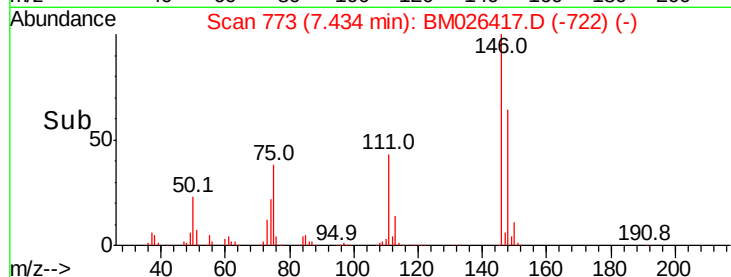
111 43.5 34.9 52.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.378 ng

RT: 7.75 min Scan# 826

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

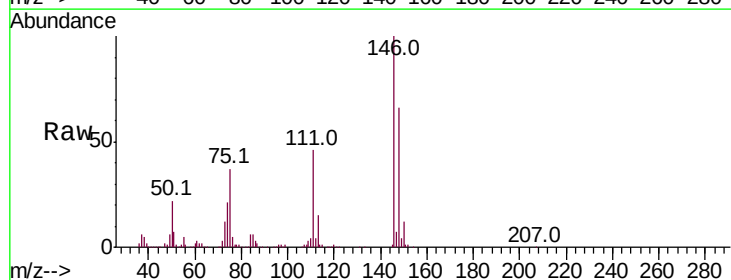
Tgt Ion:146 Resp: 281349

Ion Ratio Lower Upper

146 100

148 66.0 50.8 76.2

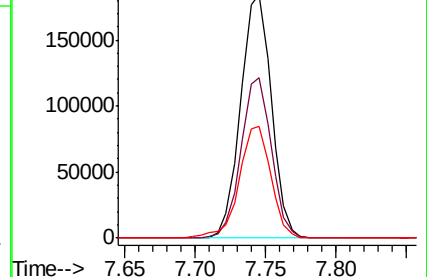
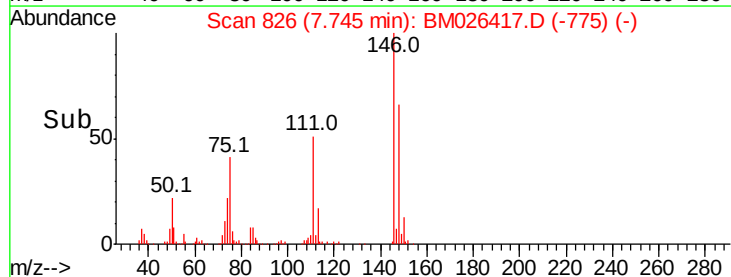
111 46.1 35.4 53.0

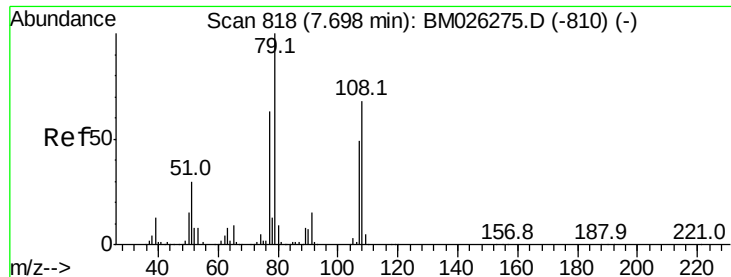


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

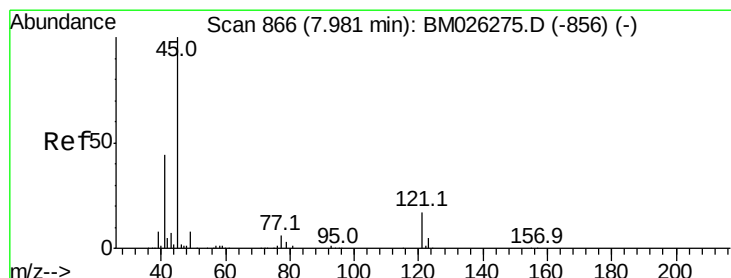
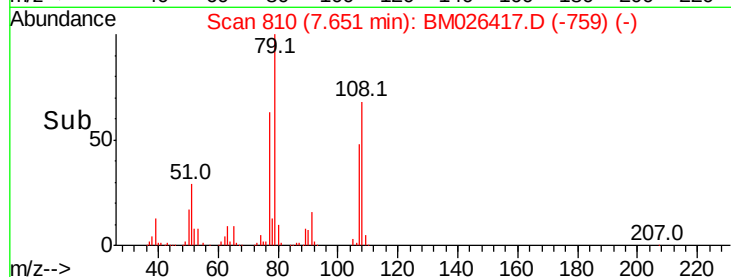
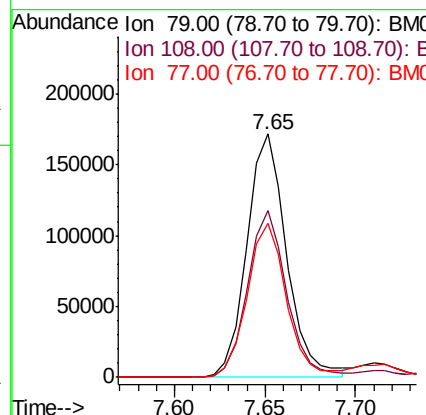
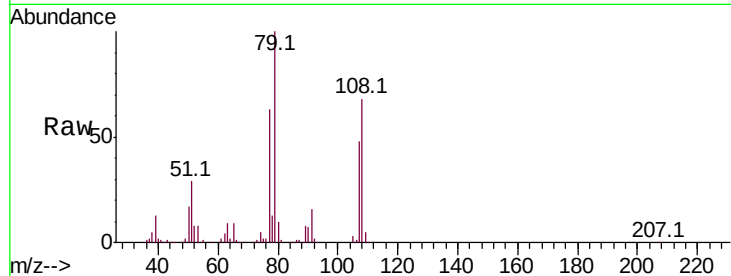




#15
Benzyl Alcohol
Concen: 35.840 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

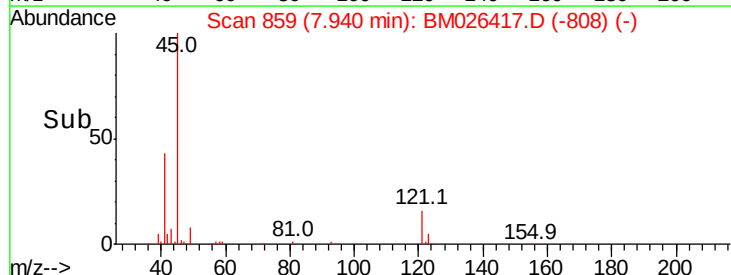
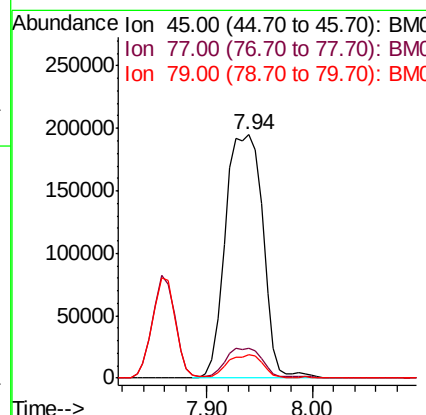
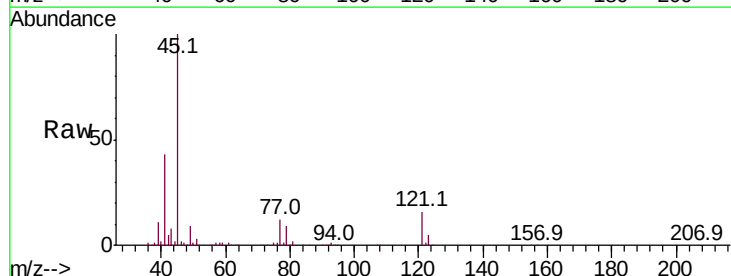
Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

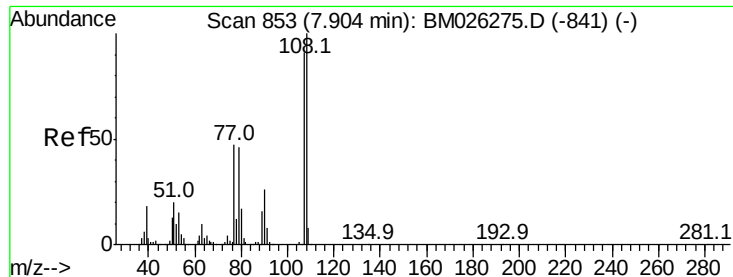
Tot Ion	Ratio	Lower	Upper
79	100		
108	68.4	54.6	82.0
77	63.2	51.0	76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.777 ng
RT: 7.94 min Scan# 859
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	31.8
79	9.4	0.0	28.9





#17

2-Methylphenol

Concen: 34.993 ng

RT: 7.86 min Scan# 845

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:107 Resp: 233649

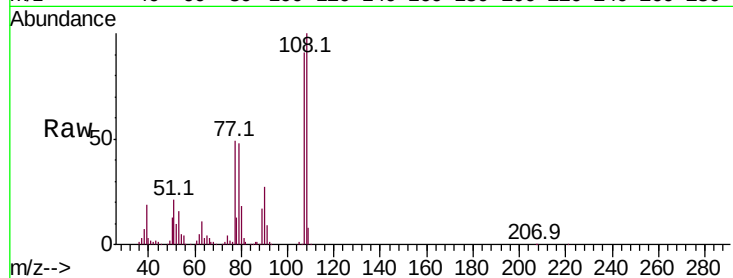
Ion Ratio Lower Upper

107 100

108 109.7 88.5 132.7

77 53.7 40.6 60.8

79 52.5 39.6 59.4

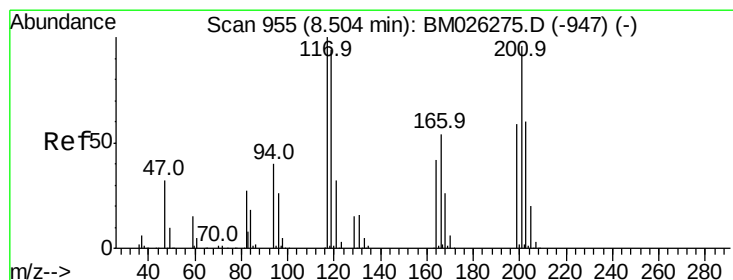
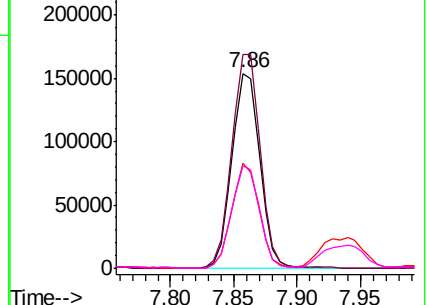
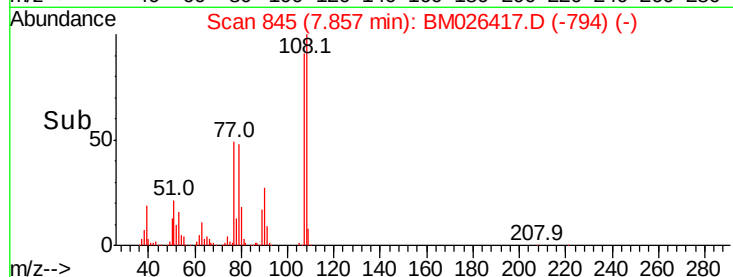


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 38.999 ng

RT: 8.45 min Scan# 946

Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

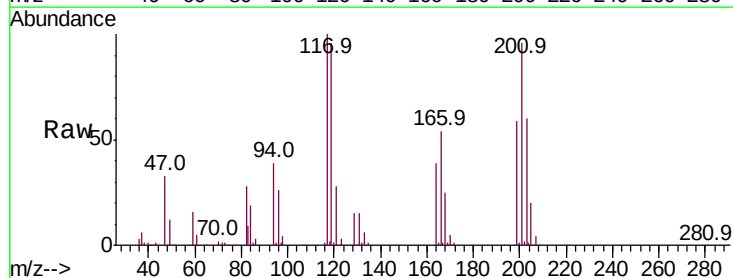
Tgt Ion:117 Resp: 113809

Ion Ratio Lower Upper

117 100

119 95.6 77.8 116.6

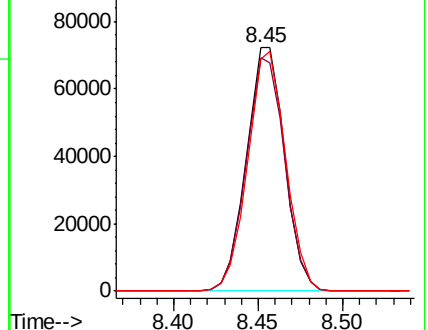
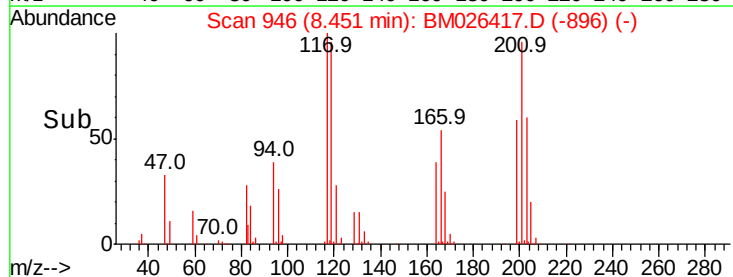
201 95.5 79.9 119.9

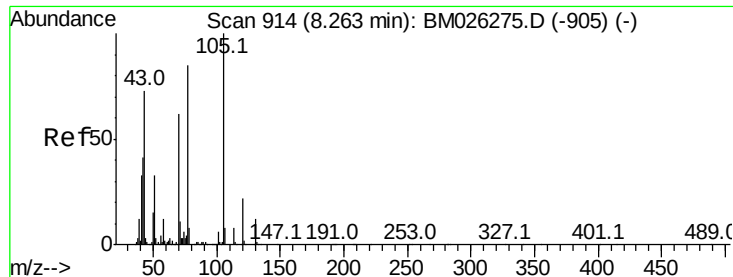


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

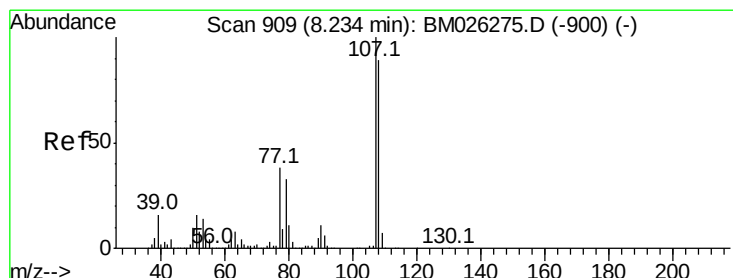
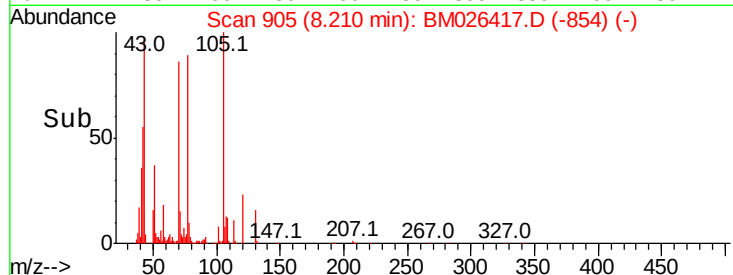
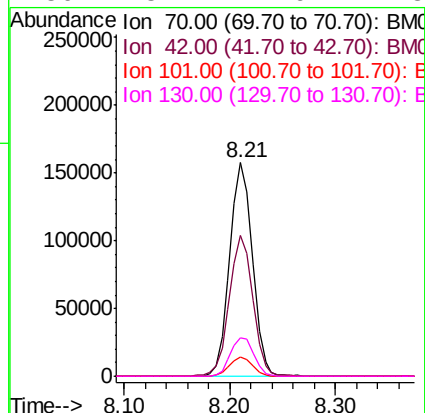
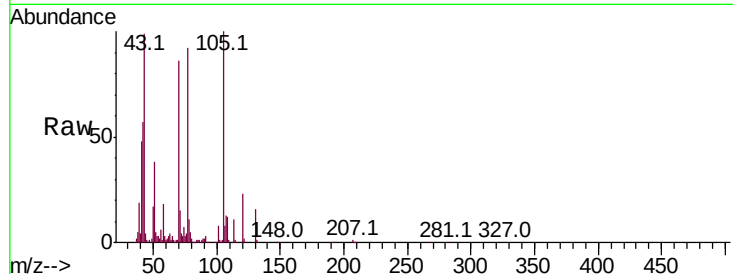




#19
n-Nitroso-di-n-propylamine
Concen: 35.092 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

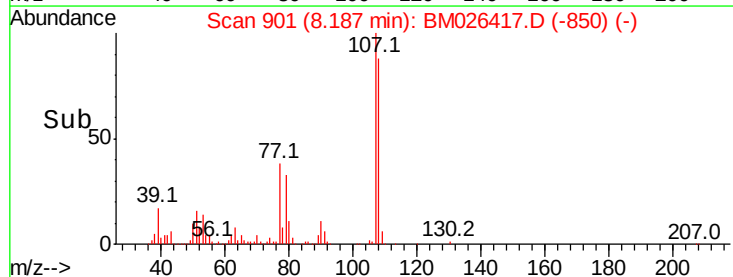
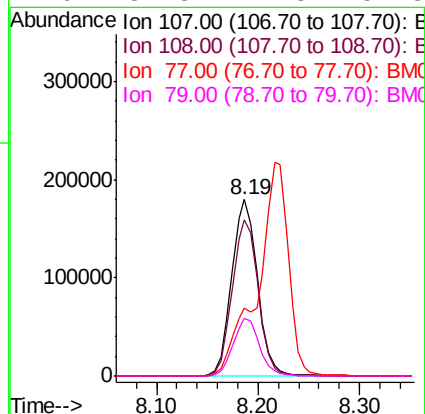
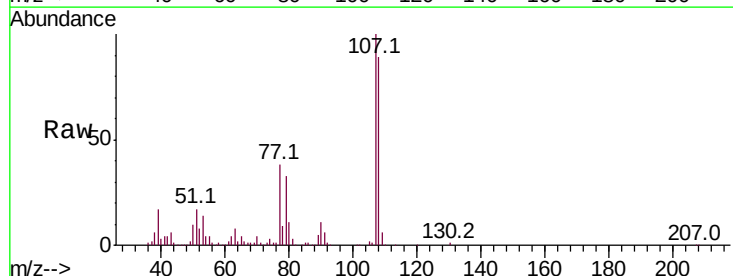
Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

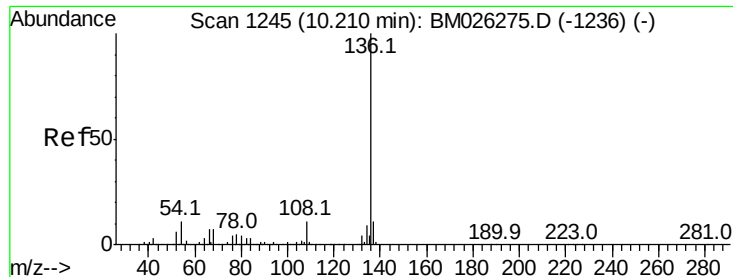
Tot Ion:	70	Resp:	234576
Ion	Ratio	Lower	Upper
70	100		
42	65.8	52.2	78.4
101	9.3	7.0	10.6
130	18.2	14.9	22.3



#20
3+4-Methylphenols
Concen: 34.830 ng
RT: 8.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion:	107	Resp:	316968
Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.4	110.4
77	38.4	17.3	57.3
79	32.8	12.3	52.3

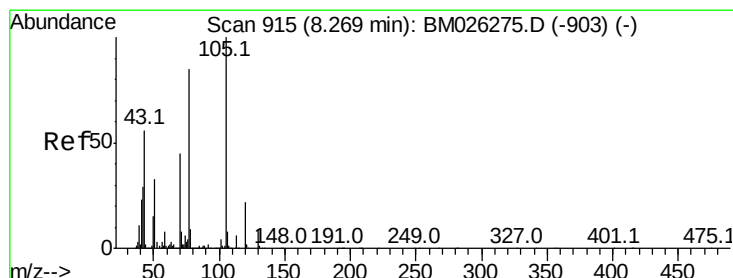
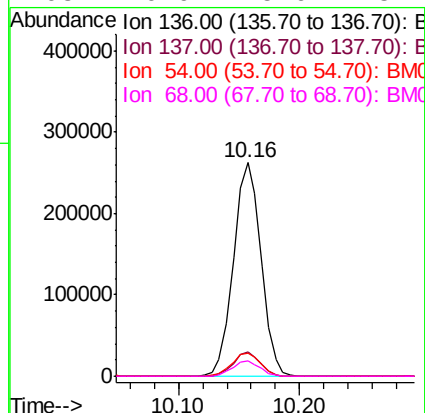
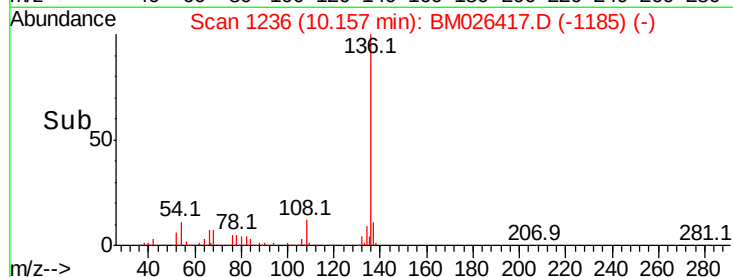
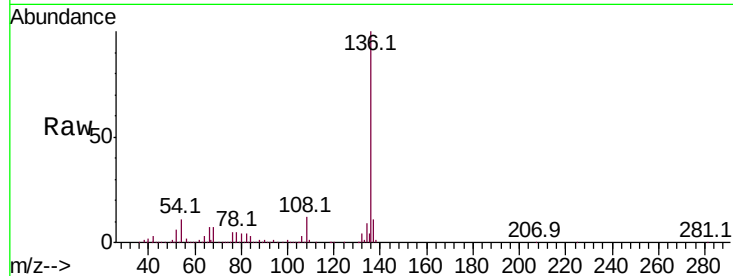




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.16 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

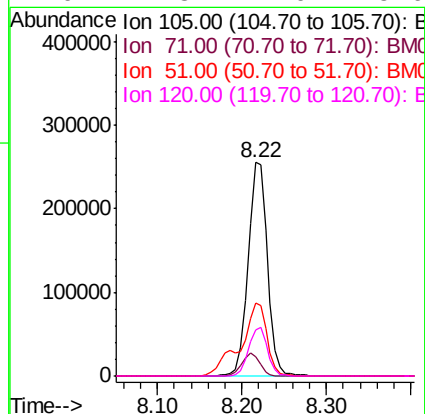
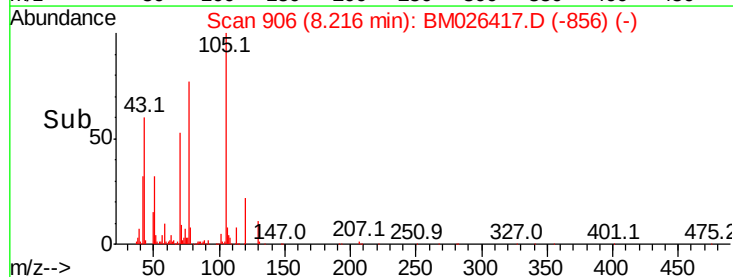
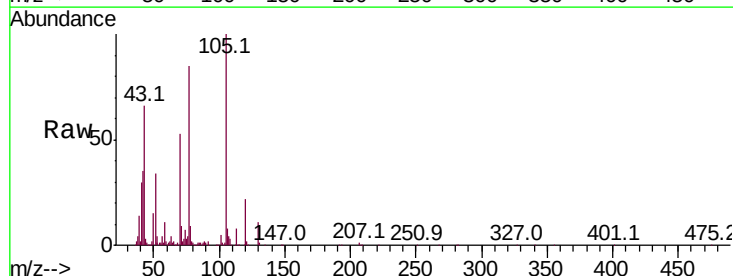
Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

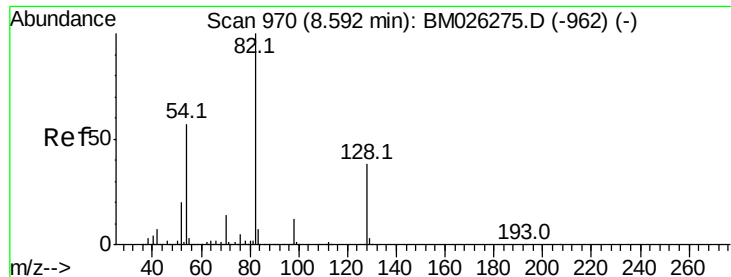
Tot Ion:136	Resp:	417534
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.5 12.7
54	10.9	9.0 13.6
68	6.9	5.6 8.4



#22
Acetophenone
Concen: 37.736 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion:105	Resp:	405147
Ion	Ratio	Lower Upper
105	100	
71	8.9	4.5 6.7#
51	33.9	25.2 37.8
120	21.8	17.0 25.6

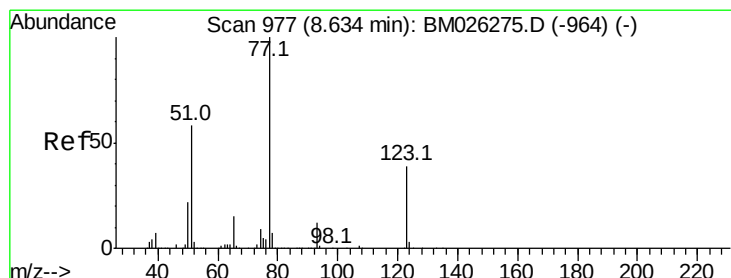
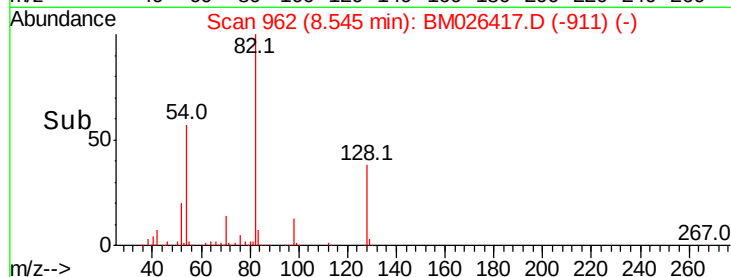
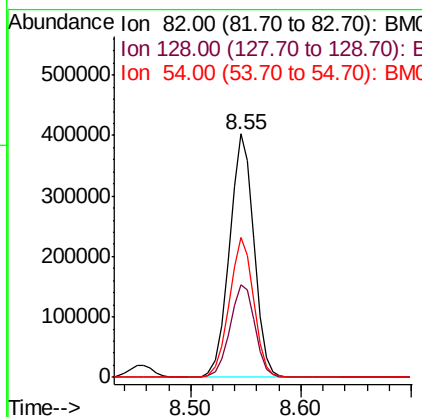
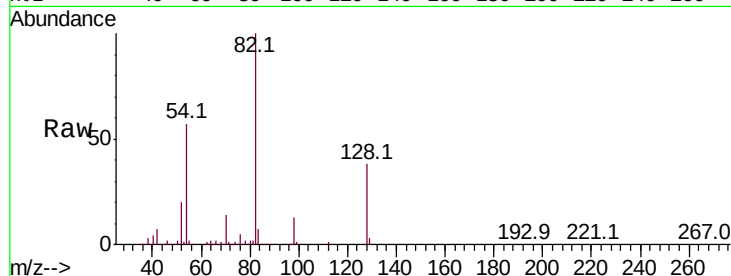




#23
Nitrobenzene-d5
Concen: 73.533 ng
RT: 8.55 min Scan# 962
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

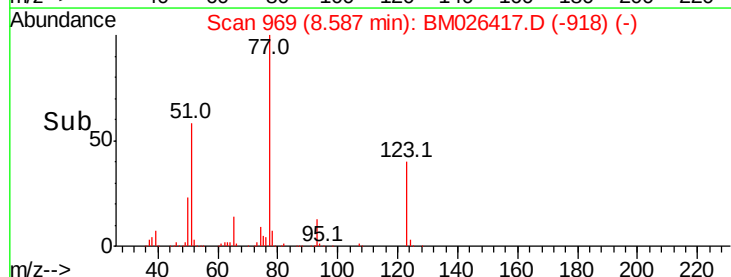
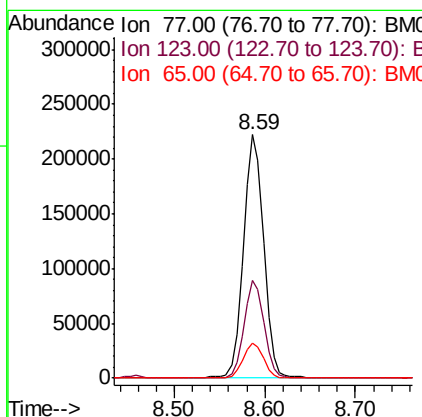
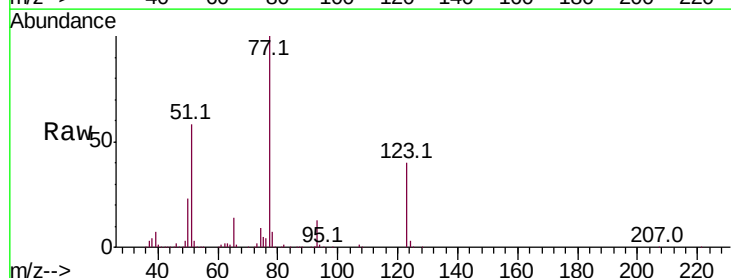
Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

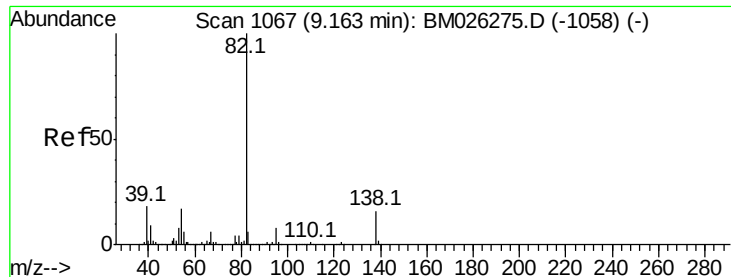
Tot Ion: 82 Resp: 625310
Ion Ratio Lower Upper
82 100
128 38.0 31.0 46.6
54 57.3 45.4 68.2



#24
Nitrobenzene
Concen: 38.450 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion: 77 Resp: 342282
Ion Ratio Lower Upper
77 100
123 40.2 32.0 48.0
65 14.4 11.8 17.8





#25

Isophorone

Concen: 37.011 ng

RT: 9.12 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

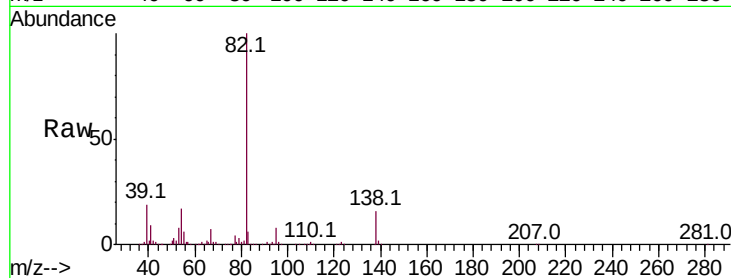
Tot Ion: 82 Resp: 591277

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

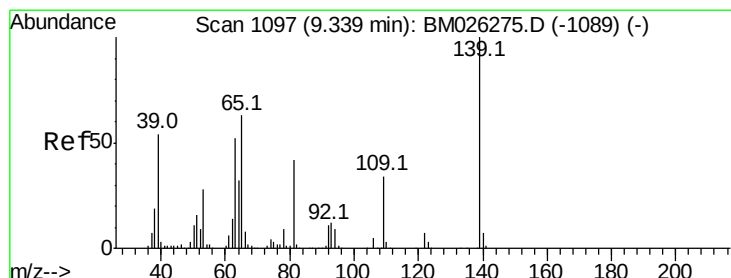
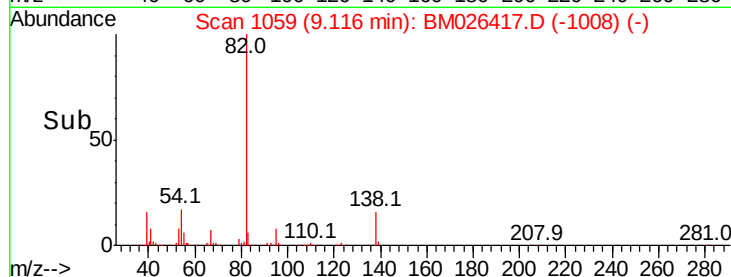
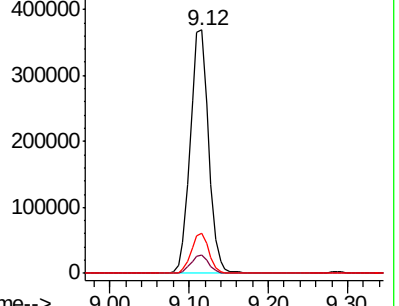
138 16.3 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BM026417.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM026417.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM026417.D (-1058) (-)



#26

2-Nitrophenol

Concen: 40.781 ng

RT: 9.29 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

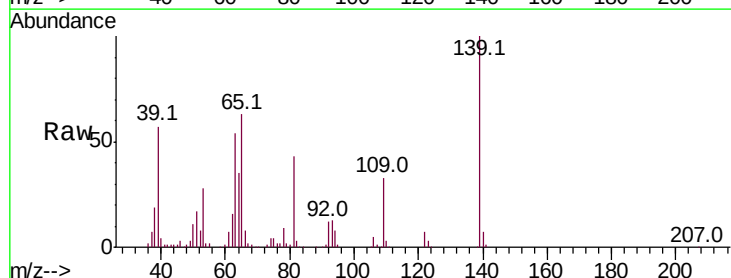
Tgt Ion: 139 Resp: 143674

Ion Ratio Lower Upper

139 100

109 33.4 25.2 37.8

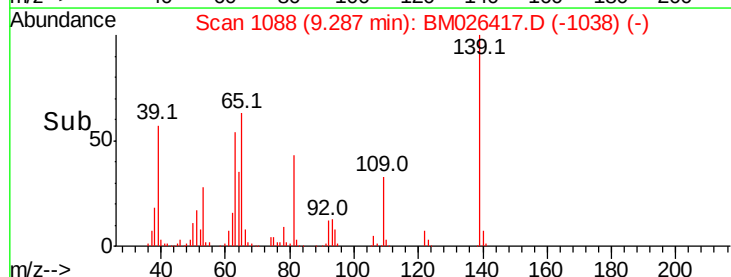
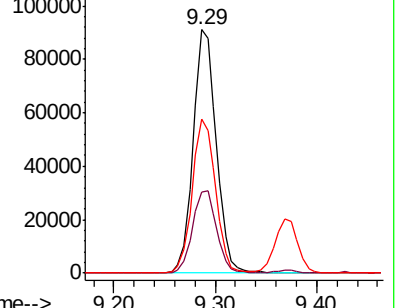
65 63.4 47.1 70.7

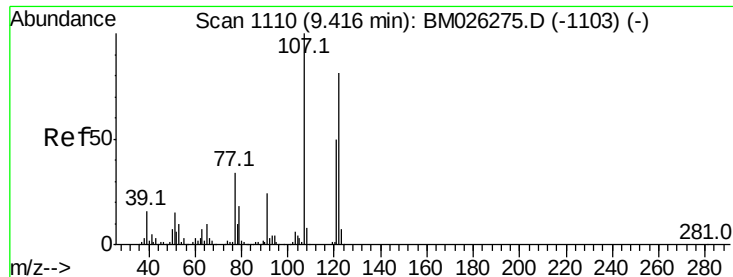


Abundance Ion 139.00 (138.70 to 139.70): BM026417.D (-1038) (-)

Ion 109.00 (108.70 to 109.70): BM026417.D (-1038) (-)

Ion 65.00 (64.70 to 65.70): BM026417.D (-1038) (-)

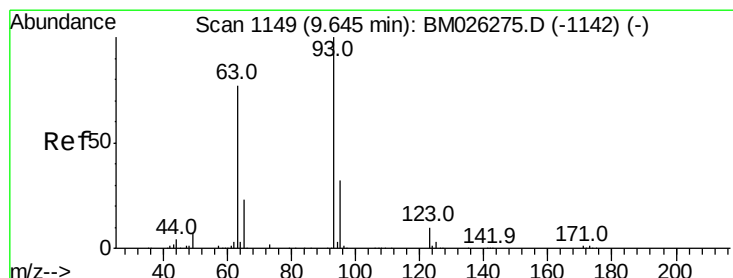
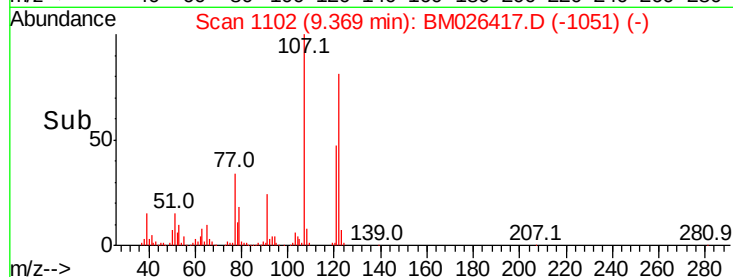
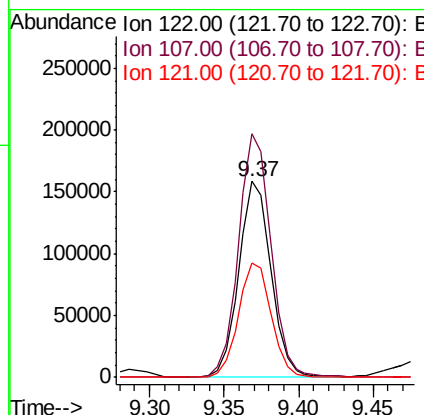
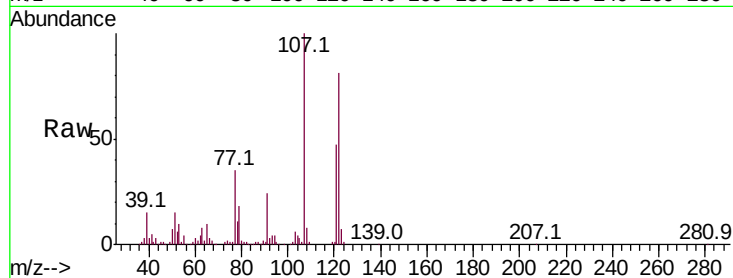




#27
2,4-Dimethylphenol
Concen: 42.854 ng
RT: 9.37 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

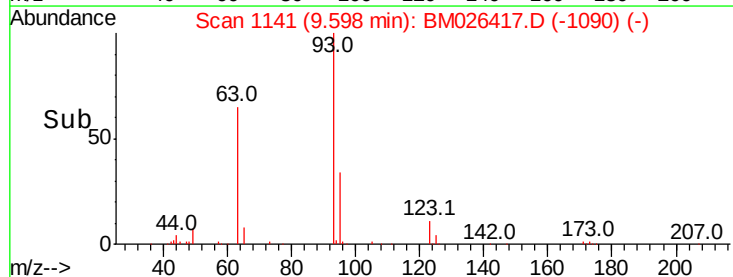
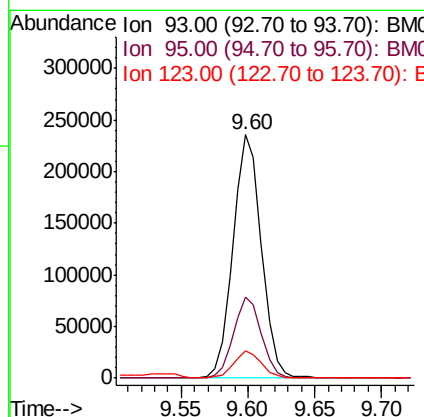
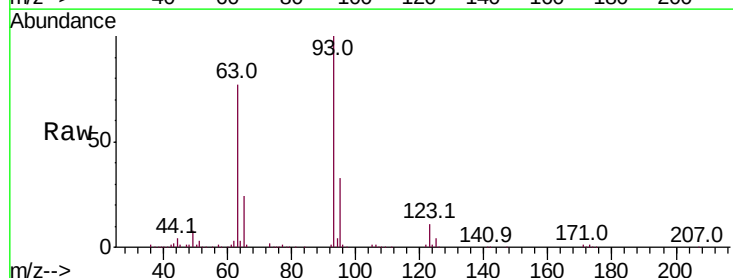
Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

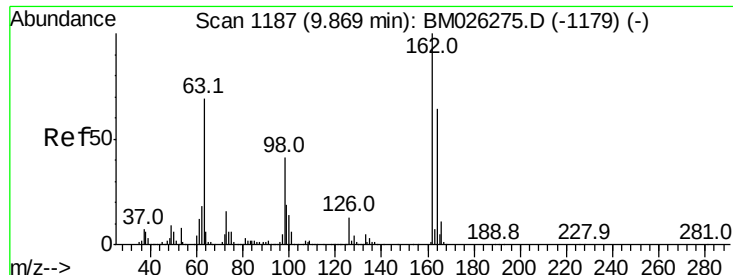
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.2	96.1	144.1
121	58.2	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.545 ng
RT: 9.60 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.9	38.9
123	11.2	8.9	13.3

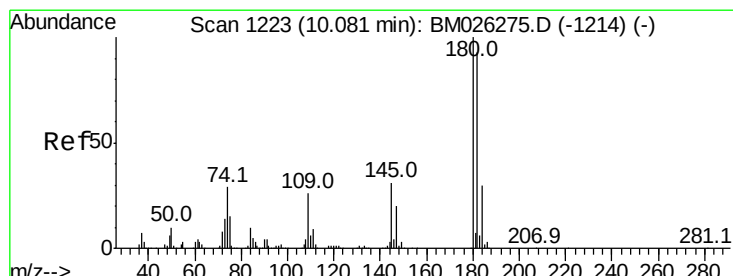
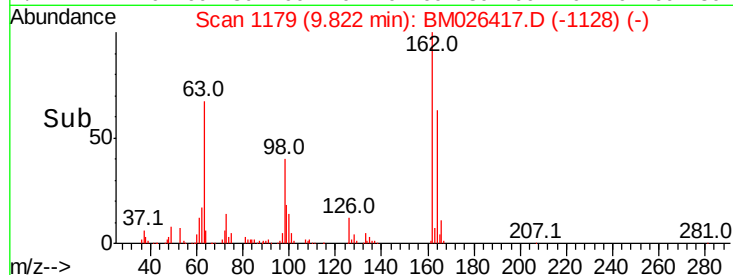
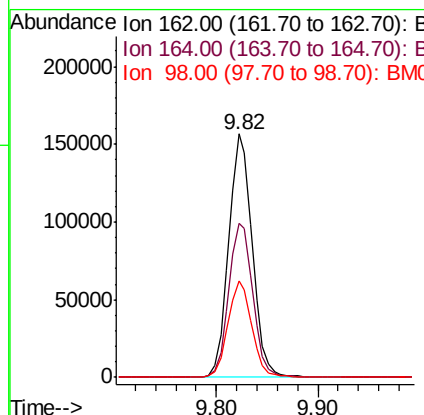
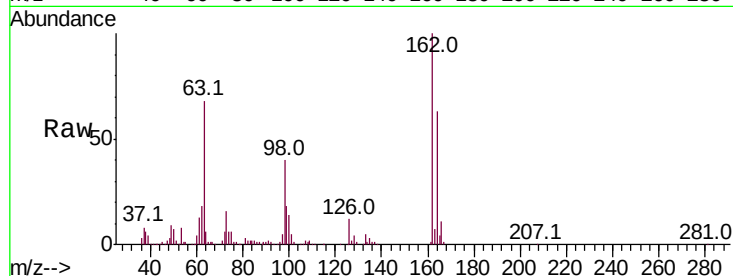




#29
 2,4-Dichlorophenol
 Concen: 41.348 ng
 RT: 9.82 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

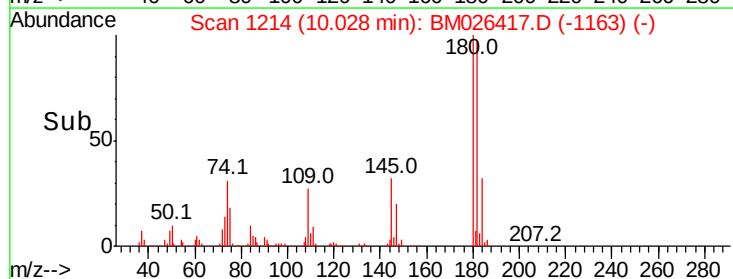
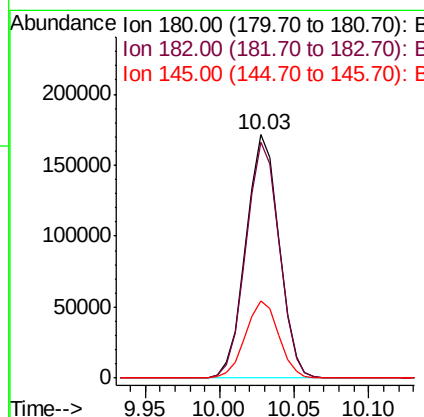
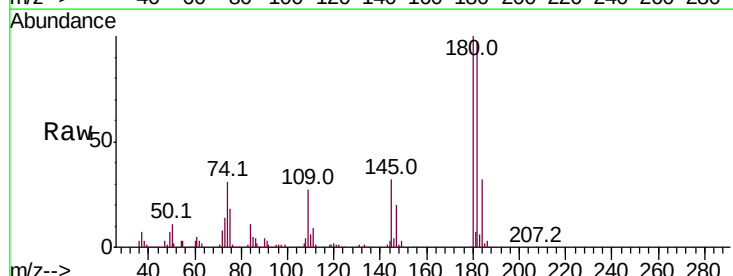
Instrument :
 BNA_M
 ClientSampleId :
 MW-22(16.5-18.5)MSD

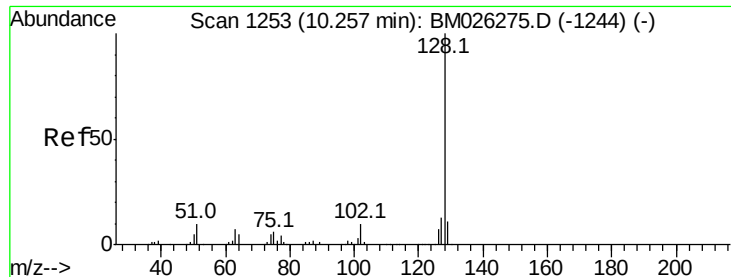
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.2	86.2
98	39.6	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.438 ng
 RT: 10.03 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.3	115.9
145	31.6	26.6	40.0

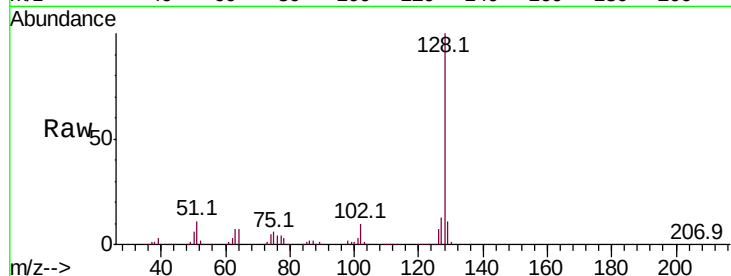




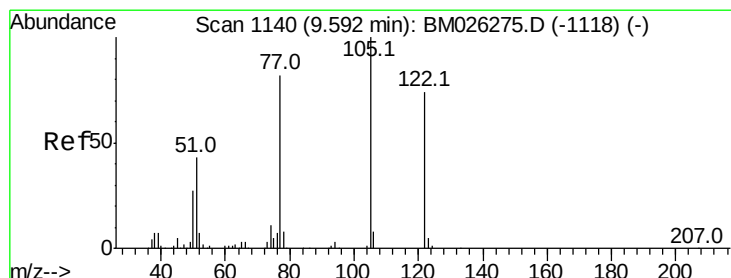
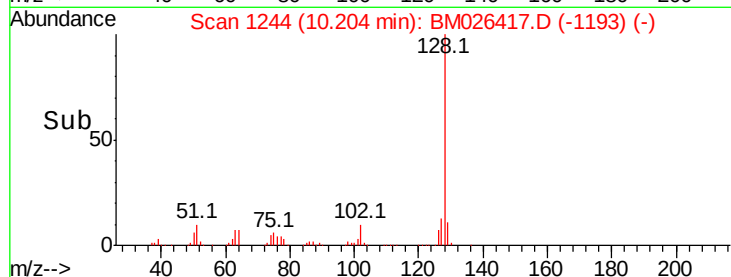
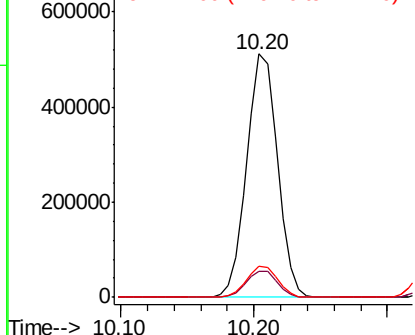
#31
Naphthalene
Concen: 38.709 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

Tot Ion:128 Resp: 814470
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.7 10.2 15.4

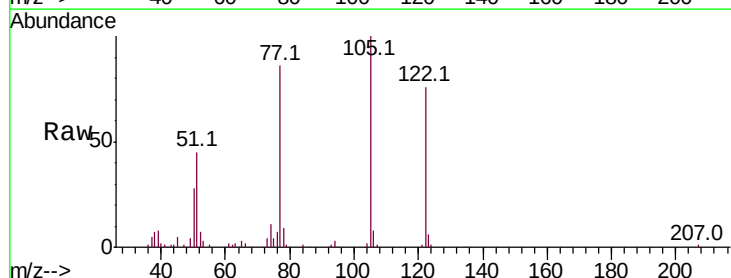


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

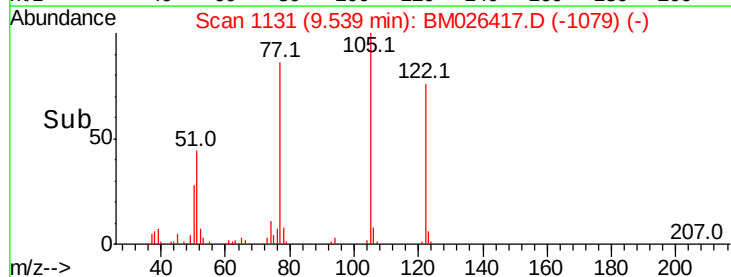
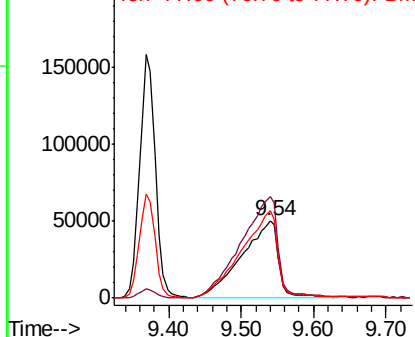


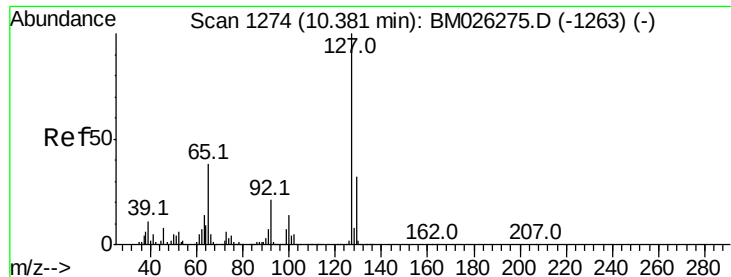
#32
Benzoic acid
Concen: 39.967 ng
RT: 9.54 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion:122 Resp: 174417
Ion Ratio Lower Upper
122 100
105 130.8 108.9 148.9
77 113.1 90.1 130.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

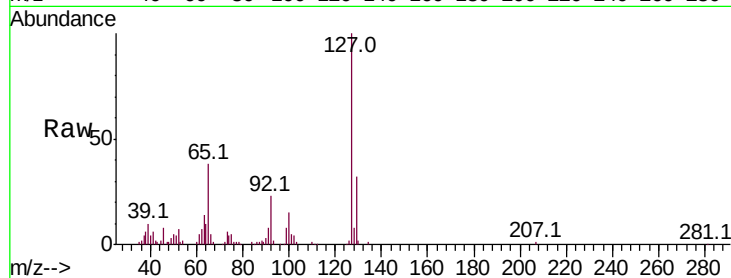




#33
4-Chloroaniline
Concen: 13.898 ng
RT: 10.33 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	38.5	30.0	45.0
92	22.8	17.1	25.7



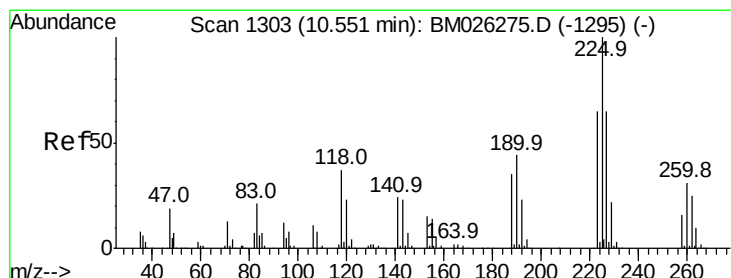
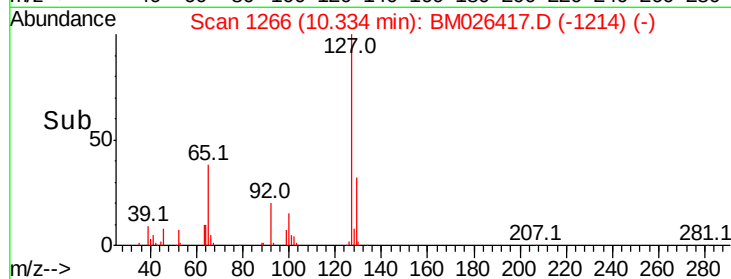
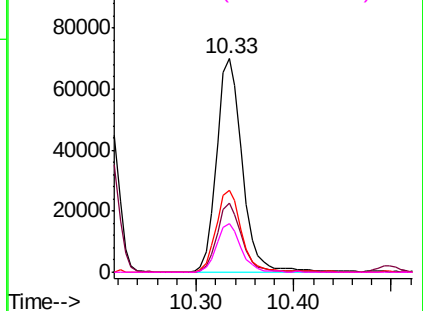
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

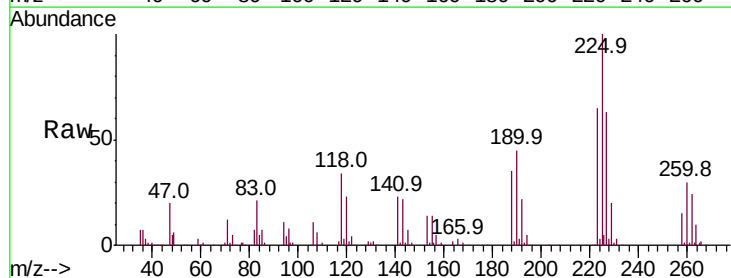
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 39.480 ng
RT: 10.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.4
227	63.2	49.5	74.3

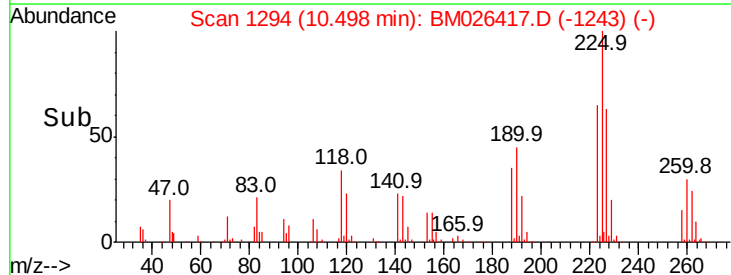
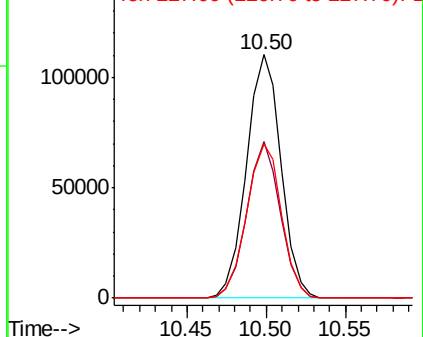


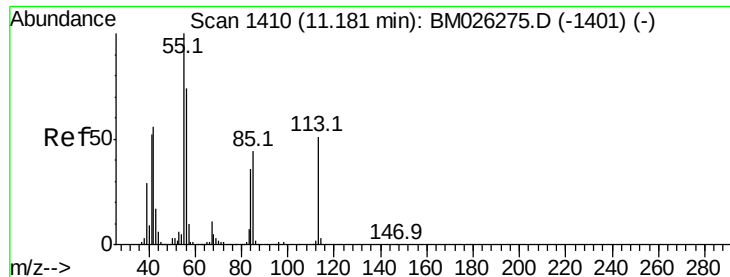
Abundance

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: 20.777 ng

RT: 11.12 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

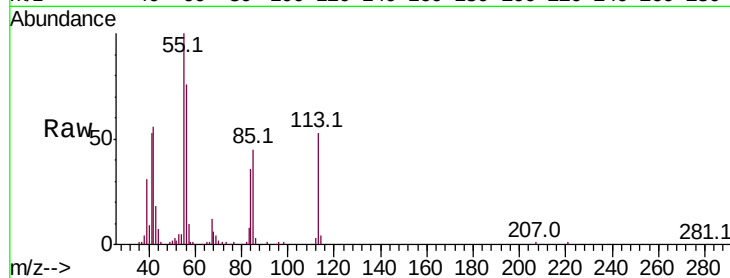
Tot Ion:113 Resp: 44544

Ion Ratio Lower Upper

113 100

55 189.3 177.1 217.1

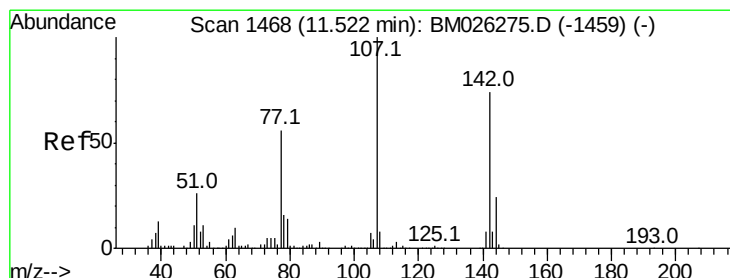
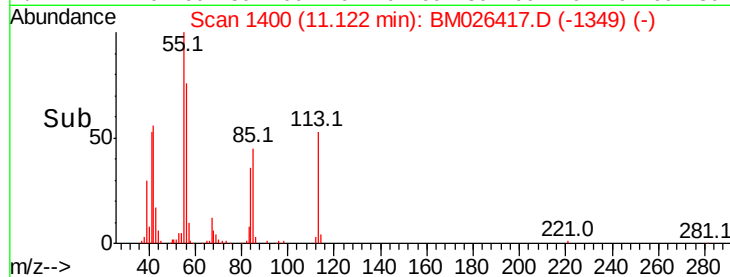
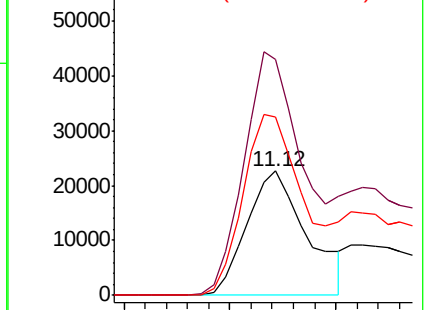
56 143.7 134.8 174.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 39.917 ng

RT: 11.47 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

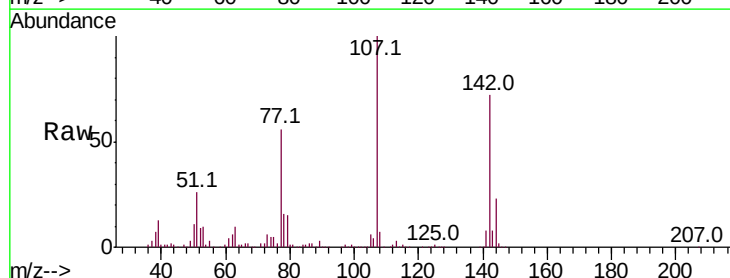
Tgt Ion:107 Resp: 296816

Ion Ratio Lower Upper

107 100

144 23.4 18.7 28.1

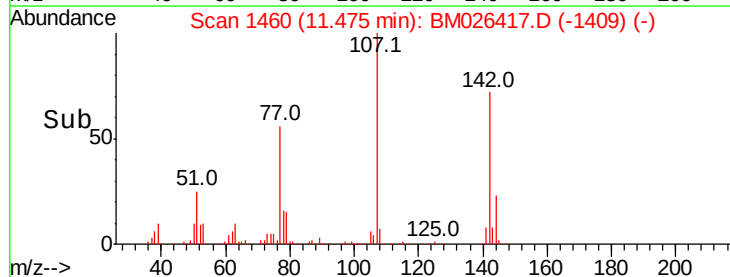
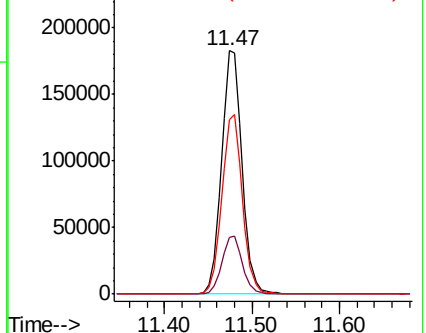
142 71.7 57.7 86.5

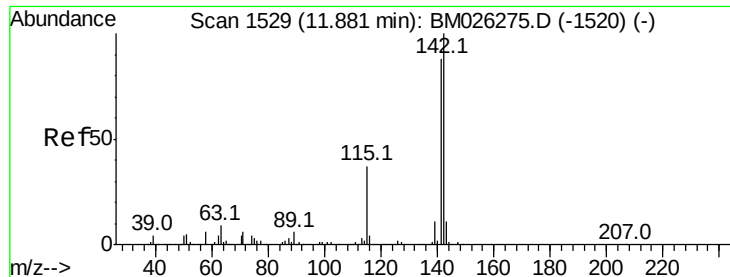


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

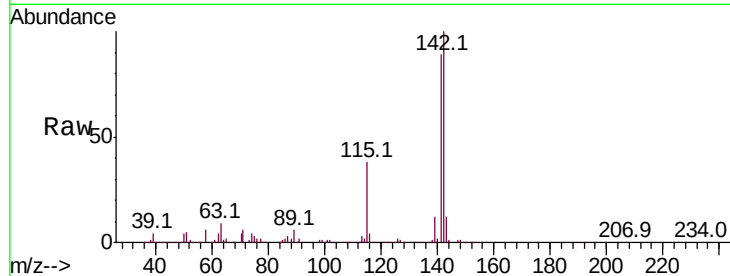




#37
2-Methylnaphthalene
Concen: 39.217 ng
RT: 11.83 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.5	105.7
115	38.1	30.2	45.4

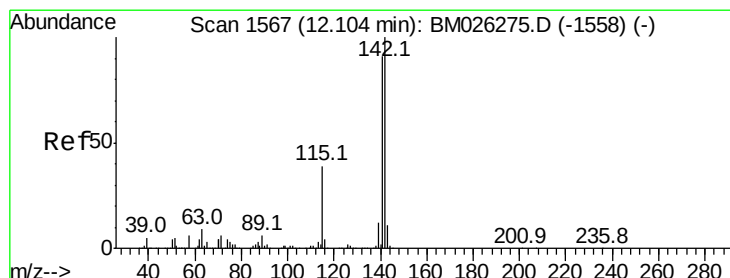
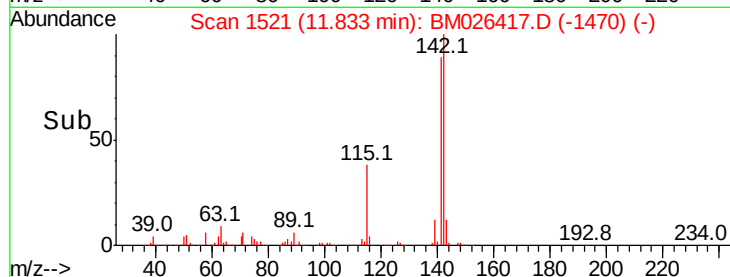
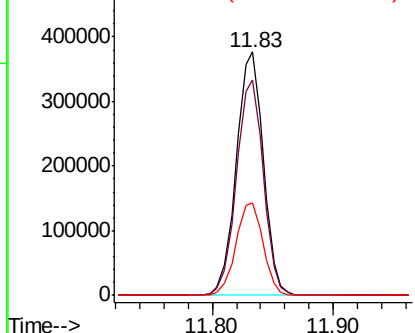


Abundance

Ion 142.00 (141.70 to 142.70): E

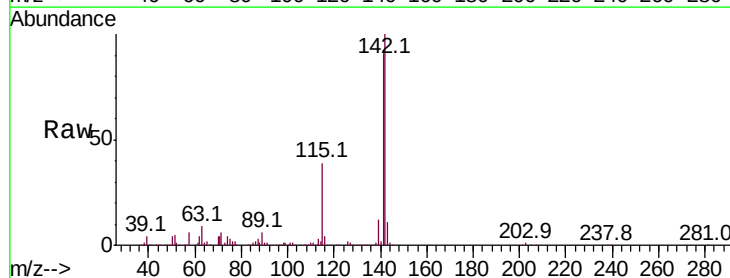
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.362 ng
RT: 12.06 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.3	109.9
116	4.2	3.4	5.0

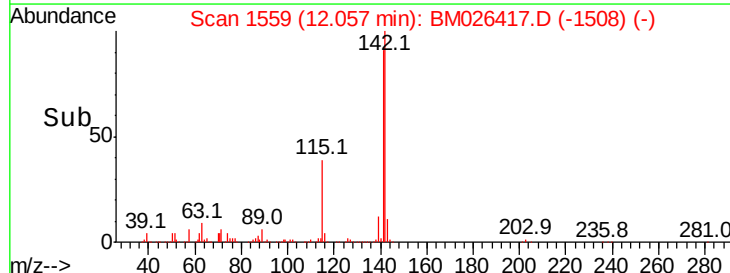
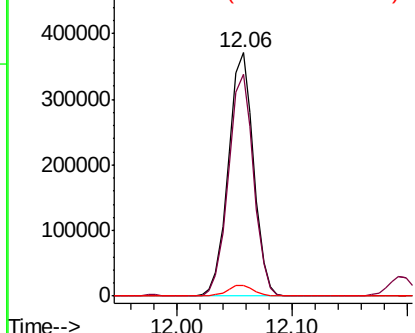


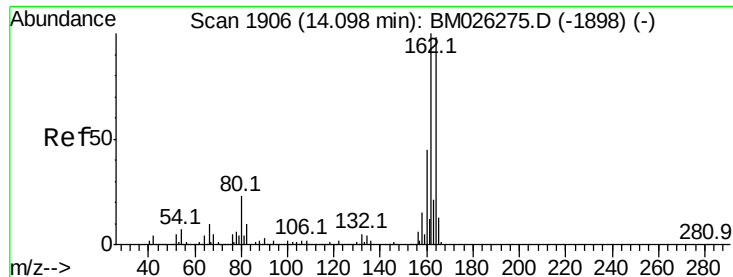
Abundance

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: 14.05 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

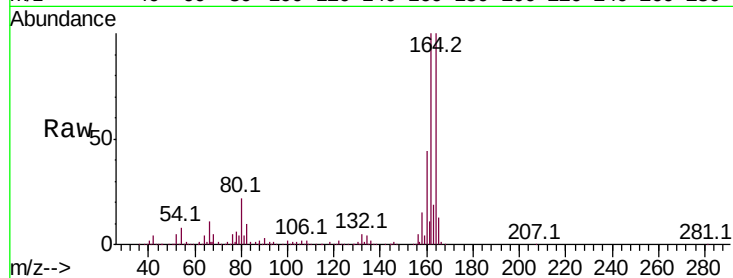
Tot Ion:164 Resp: 256431

Ion Ratio Lower Upper

164 100

162 100.5 77.7 116.5

160 44.4 34.2 51.2

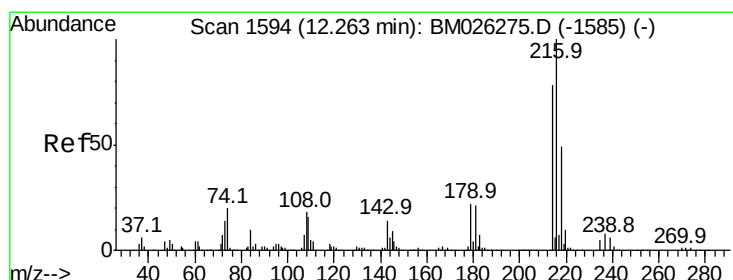
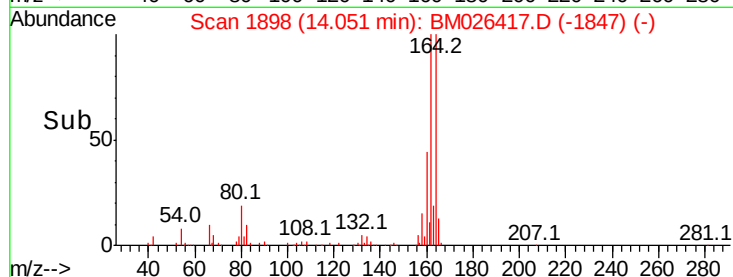
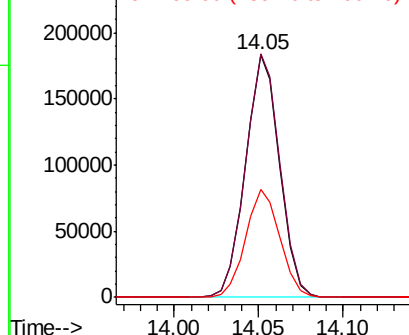


Abundance

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: 41.535 ng

RT: 12.22 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Tgt Ion:216 Resp: 303189

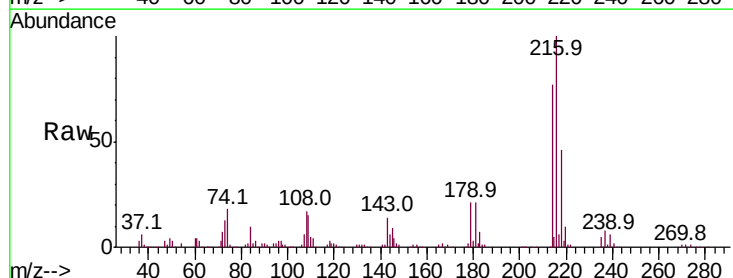
Ion Ratio Lower Upper

216 100

214 77.5 61.9 92.9

179 20.9 16.3 24.5

108 21.8 15.3 22.9



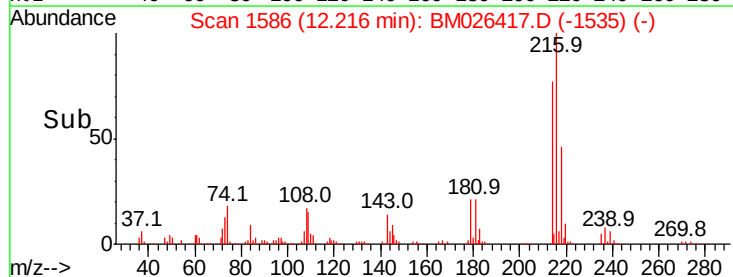
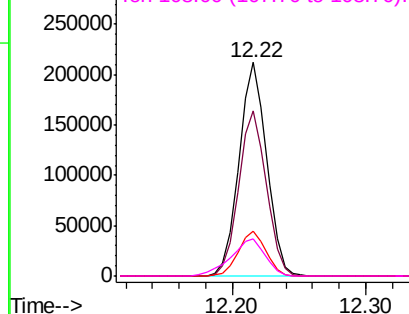
Abundance

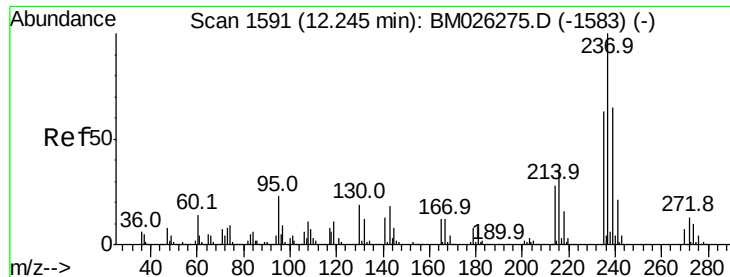
Ion 216.00 (215.70 to 216.70): E

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: 83.455 ng

RT: 12.19 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

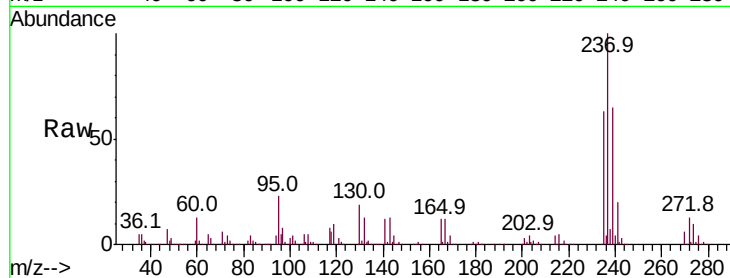
Tot Ion:237 Resp: 358993

Ion Ratio Lower Upper

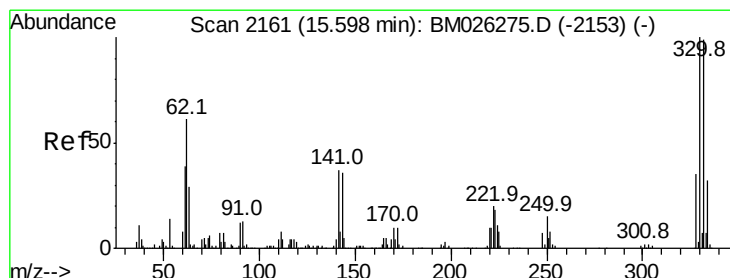
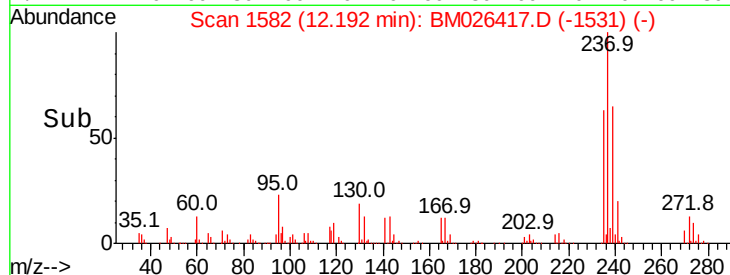
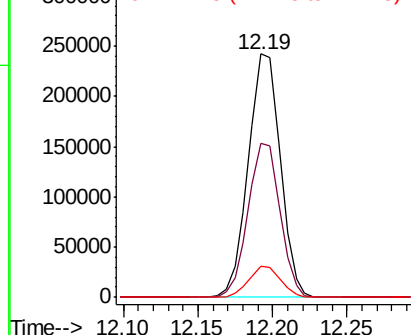
237 100

235 63.1 42.1 82.1

272 12.7 0.0 33.5



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: 117.098 ng

RT: 15.56 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

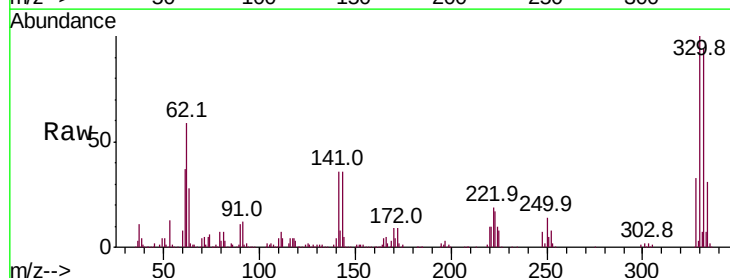
Tgt Ion:330 Resp: 363739

Ion Ratio Lower Upper

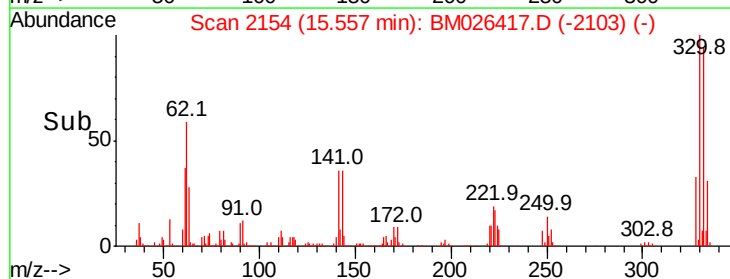
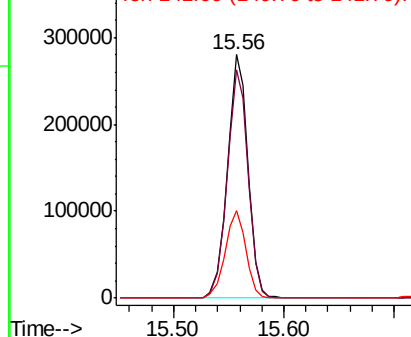
330 100

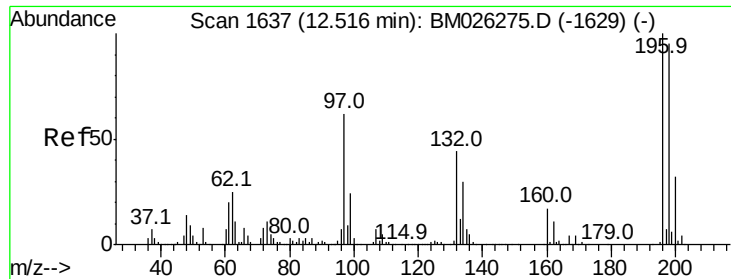
332 95.3 77.7 116.5

141 36.3 29.7 44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

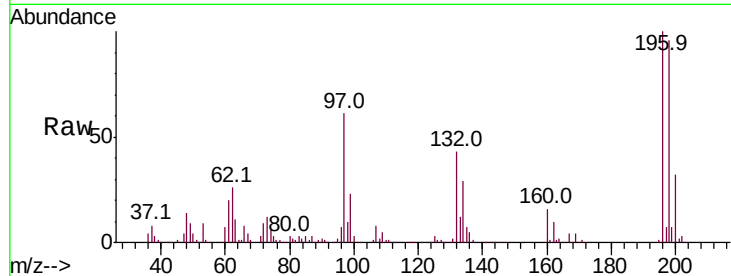




#43
 2,4,6-Trichlorophenol
 Concen: 41.286 ng
 RT: 12.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Instrument :
 BNA_M
 ClientSampleId :
 MW-22(16.5-18.5)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.0	118.4
200	31.6	25.2	37.8

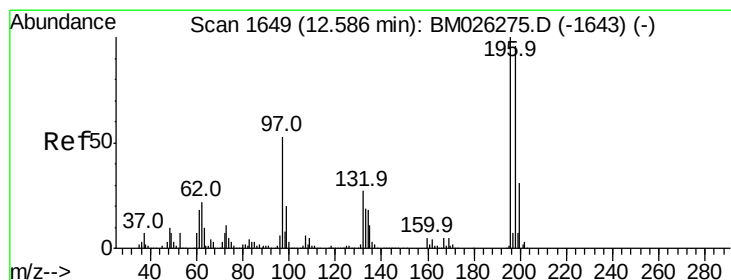
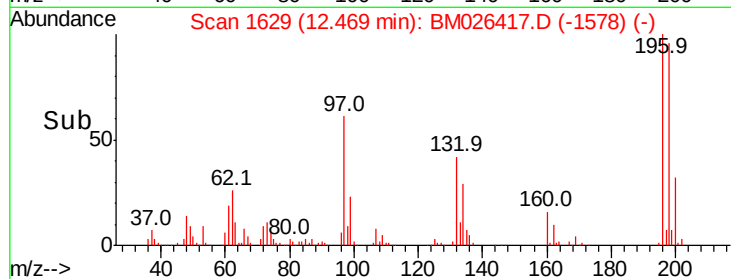
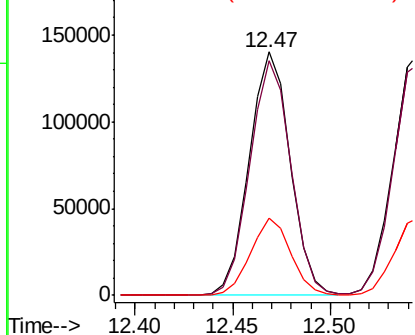


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.967 ng
 RT: 12.55 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.1	115.7
97	53.9	43.0	64.4
132	27.9	21.8	32.8

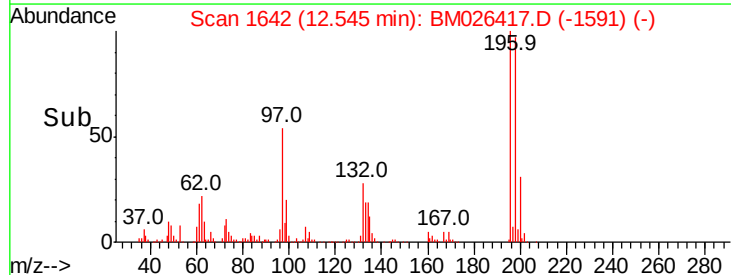
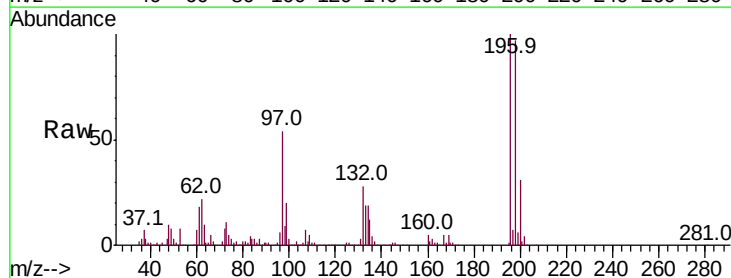
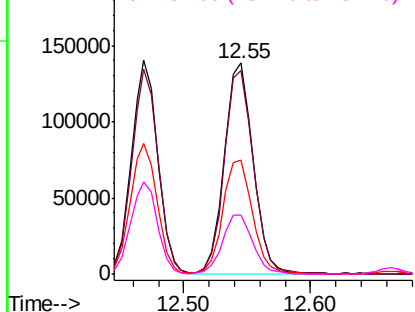
Abundance

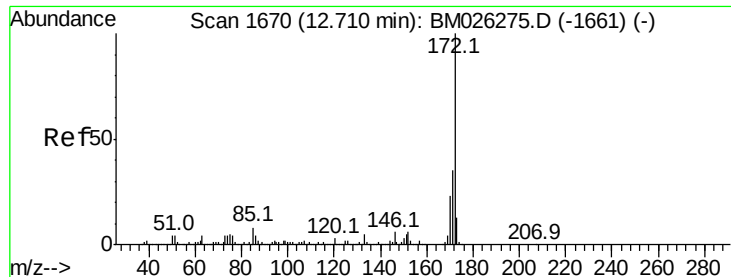
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

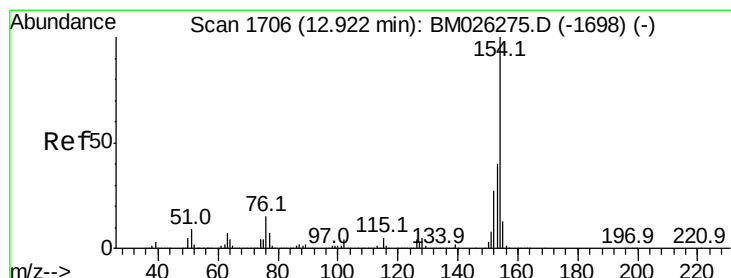
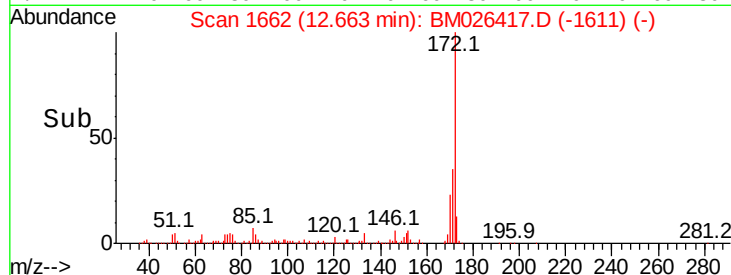
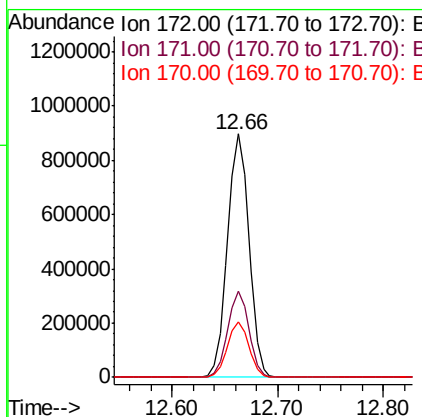
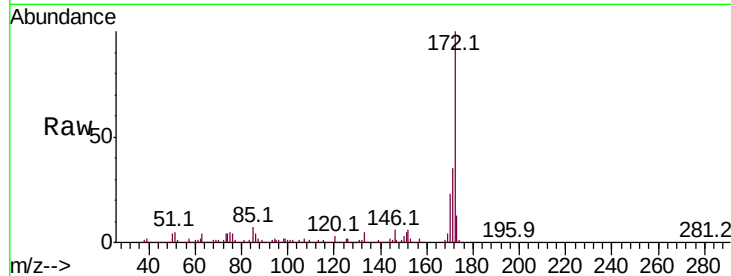




#45
2-Fluorobiphenyl
Concen: 74.556 ng
RT: 12.66 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

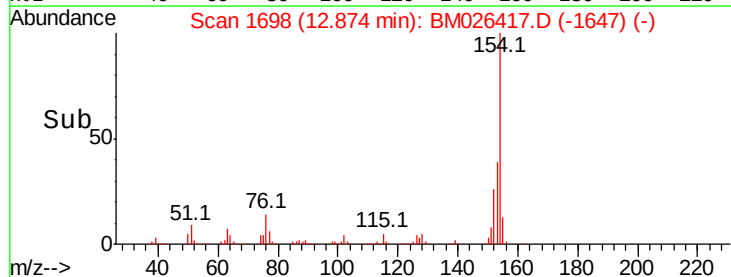
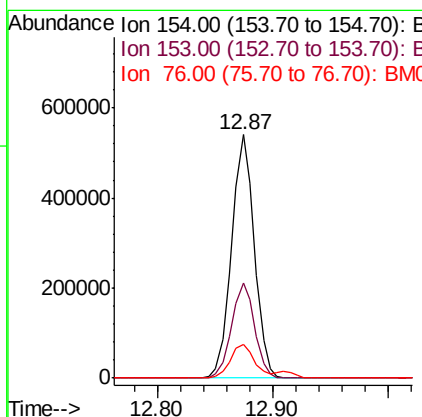
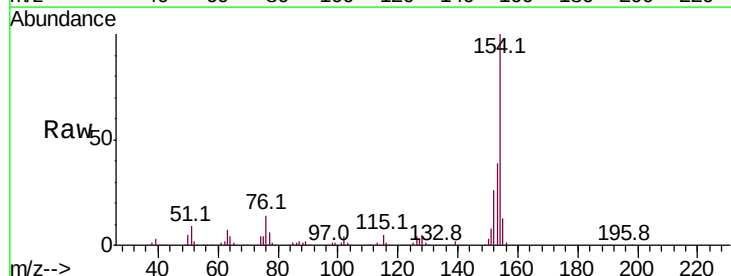
Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

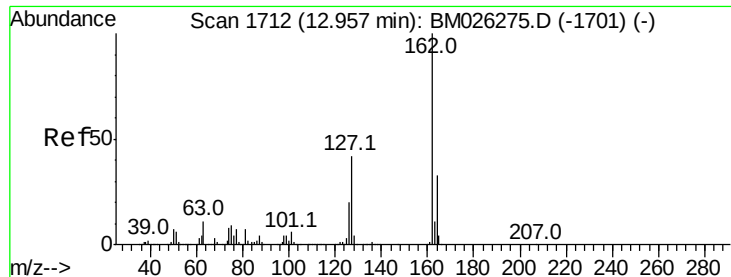
Tot Ion:172 Resp: 1259473
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 22.9 18.2 27.4



#46
1,1'-Biphenyl
Concen: 40.757 ng
RT: 12.87 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion:154 Resp: 732724
Ion Ratio Lower Upper
154 100
153 39.2 20.0 60.0
76 13.9 0.0 34.6





#47

2-Chloronaphthalene

Concen: 39.276 ng

RT: 12.91 min Scan# 1704

Delta R.T. -0.00 min

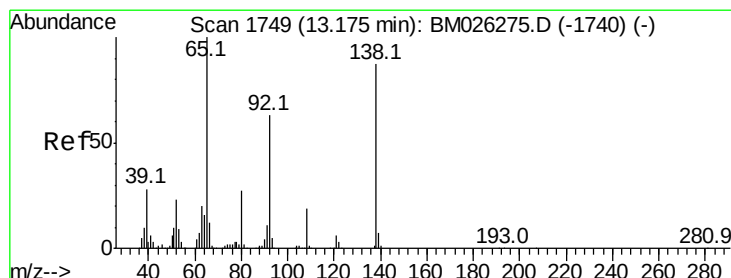
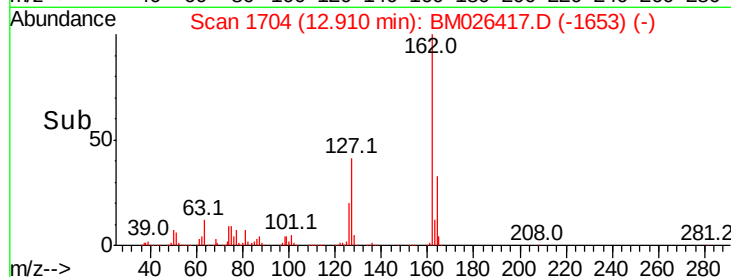
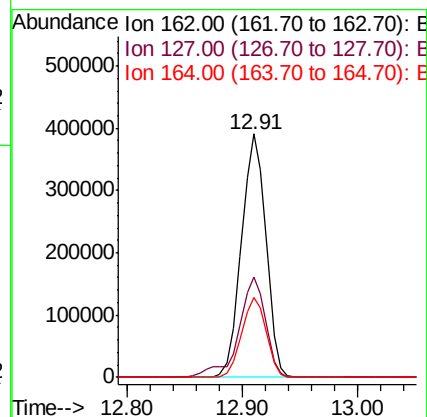
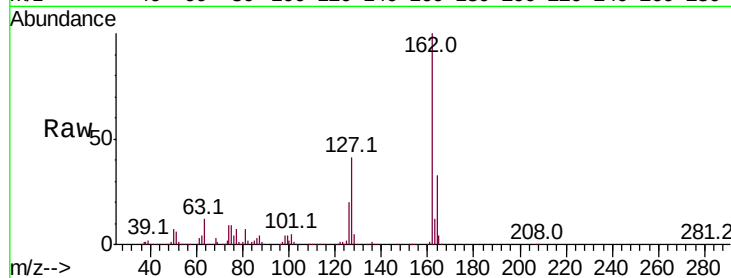
Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

Tot Ion:162 Resp: 573542

Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.0	51.0
164	32.8	26.3	39.5



#48

2-Nitroaniline

Concen: 37.693 ng

RT: 13.13 min Scan# 1742

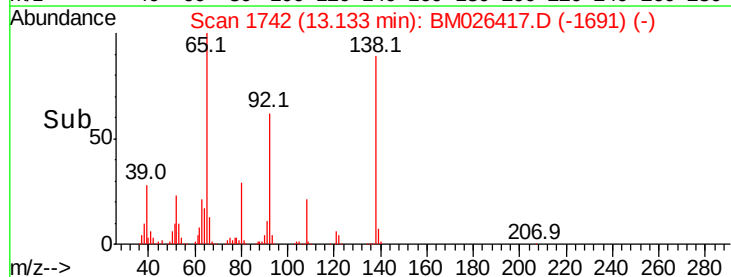
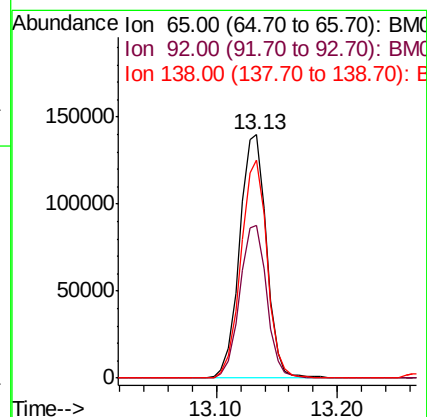
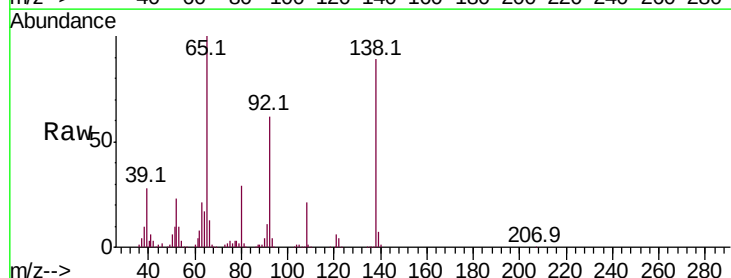
Delta R.T. -0.00 min

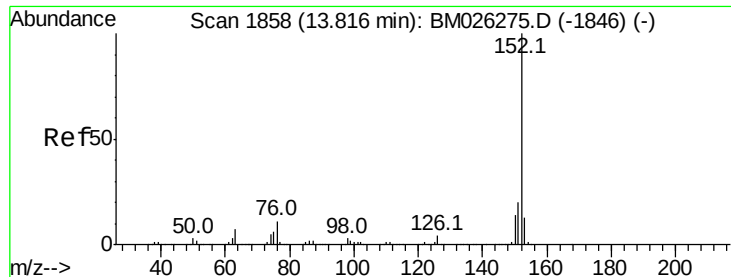
Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Tgt Ion: 65 Resp: 218142

Ion	Ratio	Lower	Upper
65	100		
92	62.5	50.6	76.0
138	89.5	71.6	107.4





#49

Acenaphthylene

Concen: 39.304 ng

RT: 13.77 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

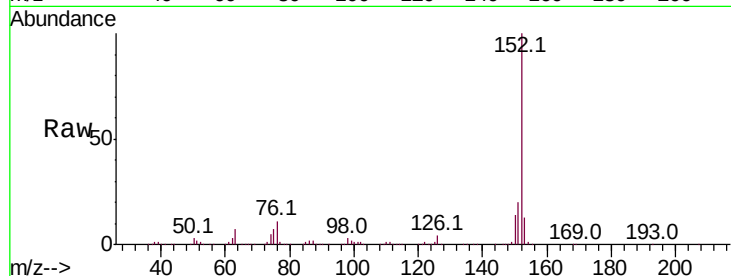
Tot Ion:152 Resp: 917990

Ion Ratio Lower Upper

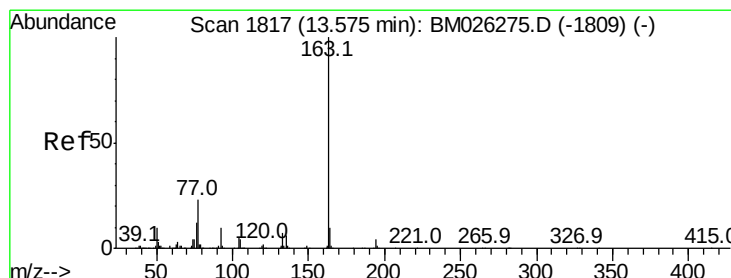
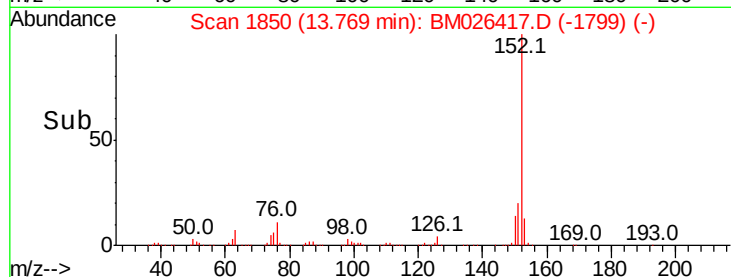
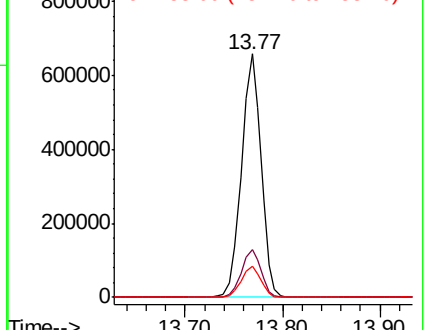
152 100

151 19.5 15.8 23.6

153 12.9 10.1 15.1



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: 47.765 ng

RT: 13.53 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

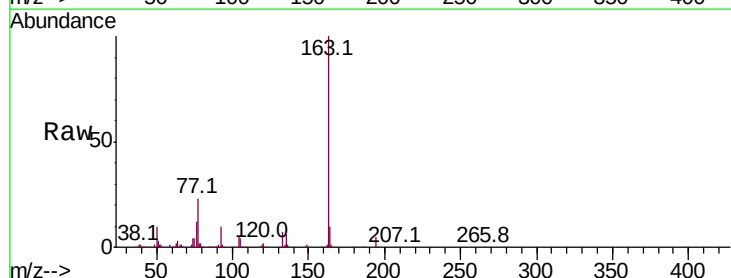
Tgt Ion:163 Resp: 895883

Ion Ratio Lower Upper

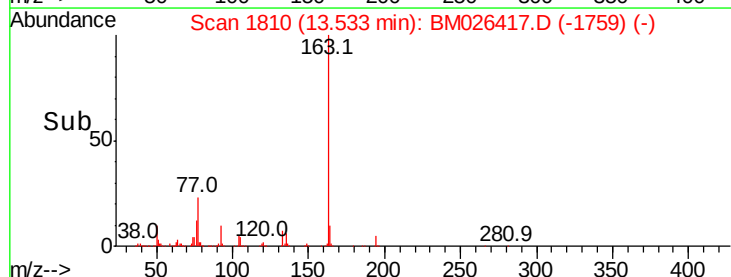
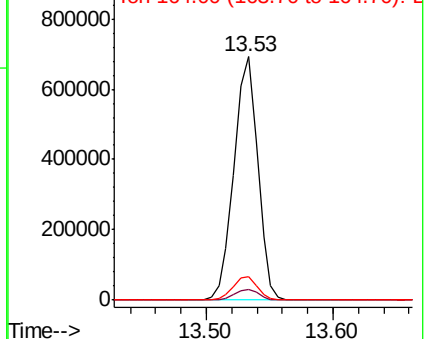
163 100

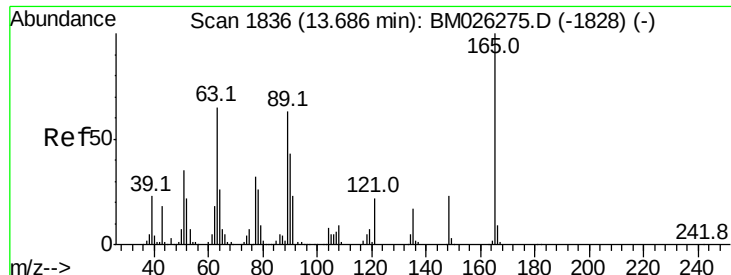
194 4.6 3.4 5.2

164 9.9 7.8 11.8



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

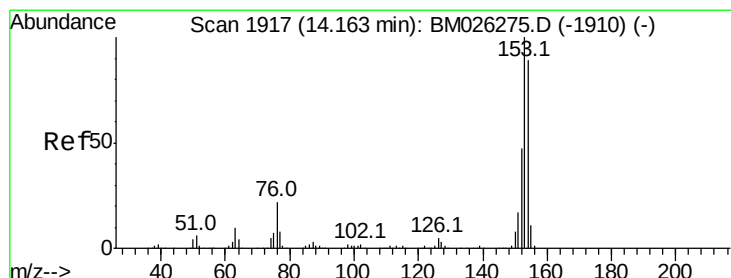
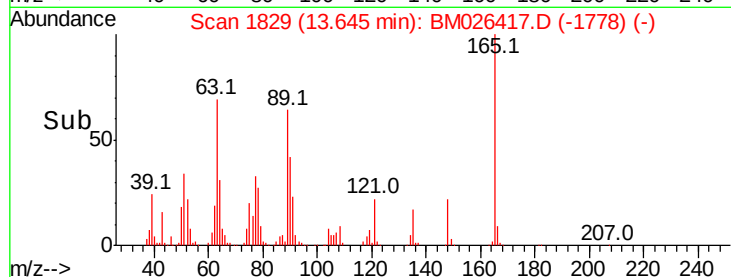
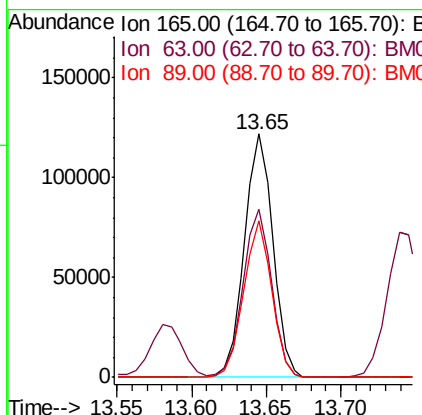
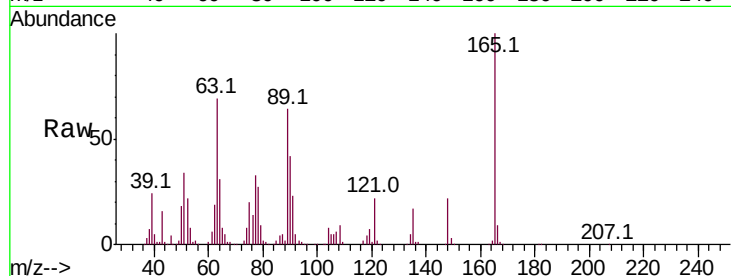




#51
 2,6-Dinitrotoluene
 Concen: 38.999 ng
 RT: 13.65 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

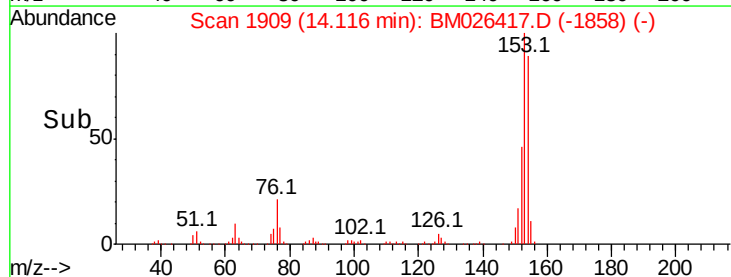
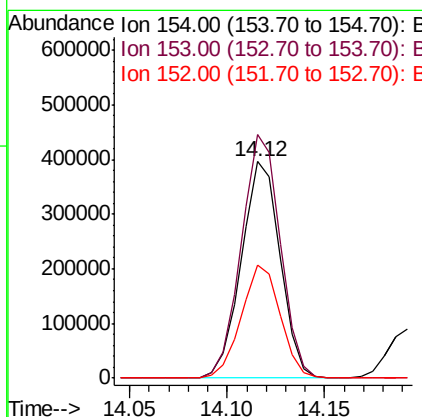
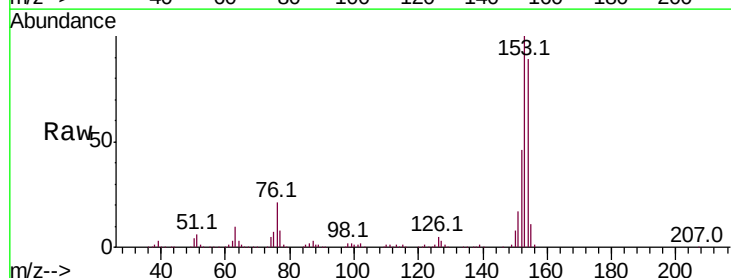
Instrument :
 BNA_M
 ClientSampleId :
 MW-22(16.5-18.5)MSD

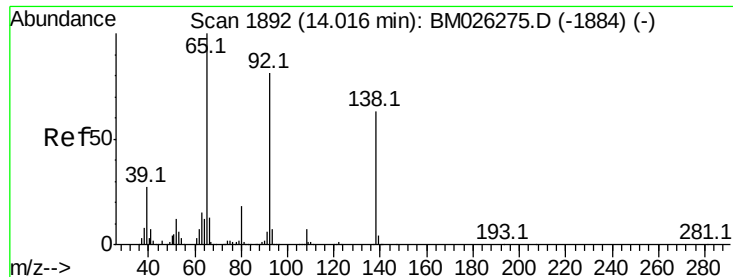
Tot Ion:165 Resp: 160510
 Ion Ratio Lower Upper
 165 100
 63 69.1 54.3 81.5
 89 64.3 51.5 77.3



#52
 Acenaphthene
 Concen: 39.010 ng
 RT: 14.12 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Tgt Ion:154 Resp: 546975
 Ion Ratio Lower Upper
 154 100
 153 112.4 88.6 132.8
 152 52.1 42.0 63.0





#53

3-Nitroaniline

Concen: 23.159 ng

RT: 13.97 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

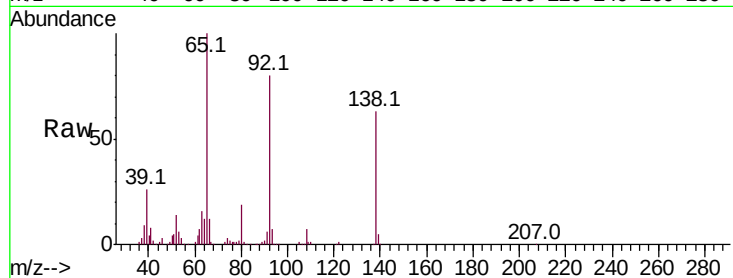
Tot Ion:138 Resp: 106139

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

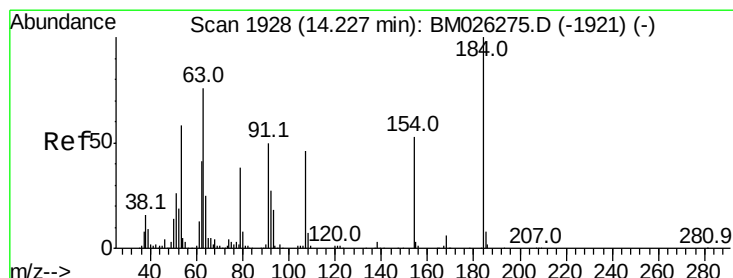
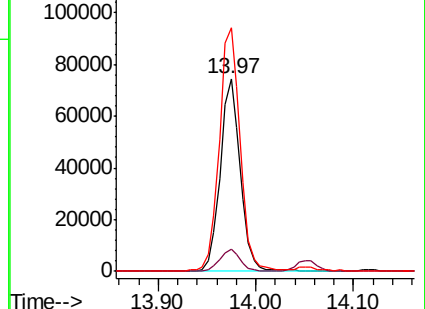
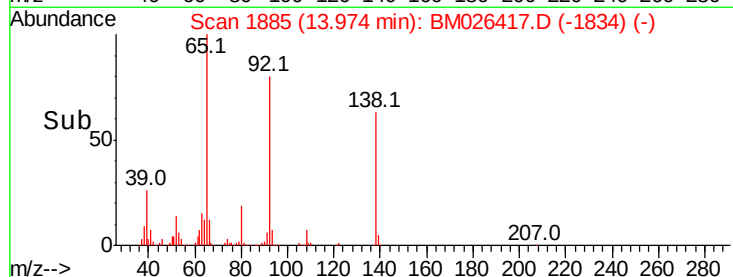
92 126.3 105.4 158.2



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: 76.984 ng

RT: 14.19 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

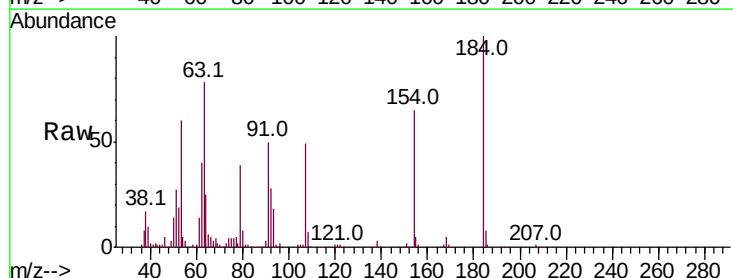
Tgt Ion:184 Resp: 192568

Ion Ratio Lower Upper

184 100

63 77.7 61.8 92.6

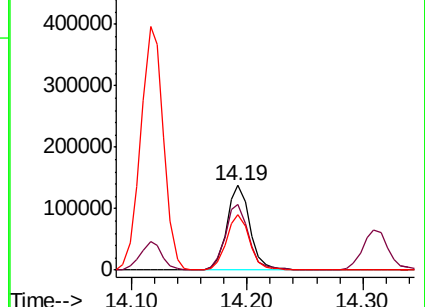
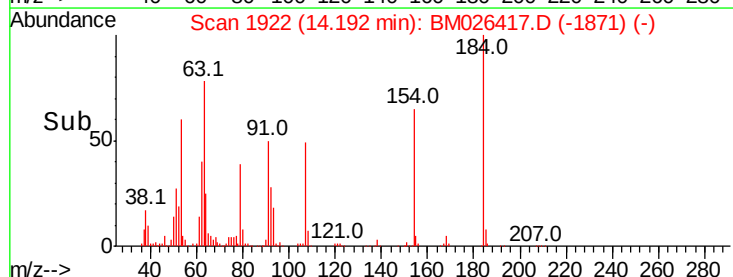
154 65.4 53.1 79.7

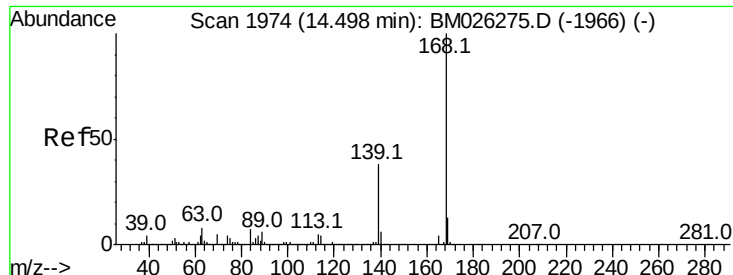


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

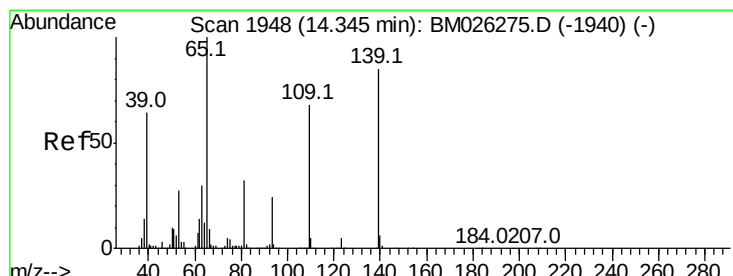
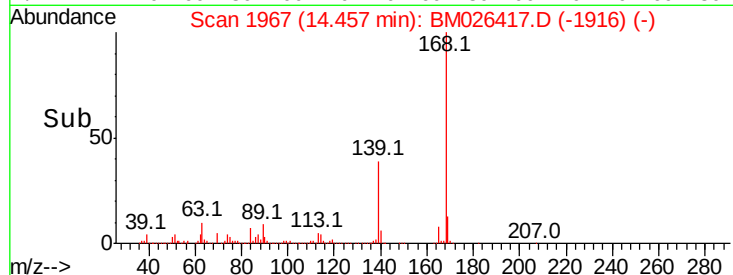
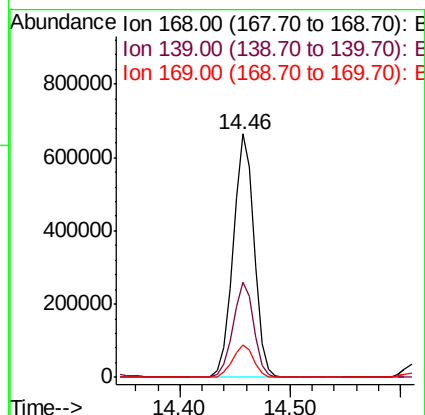
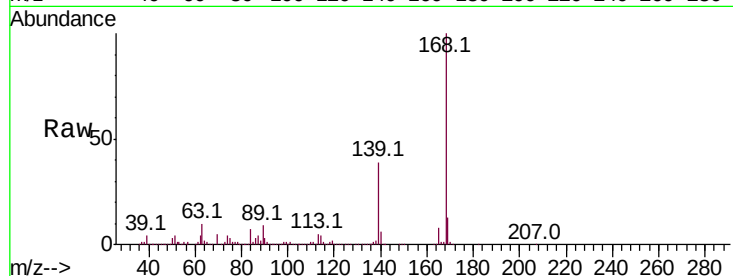




#55
Dibenzofuran
Concen: 39.039 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

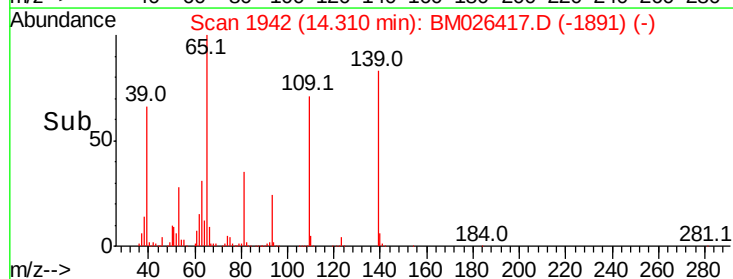
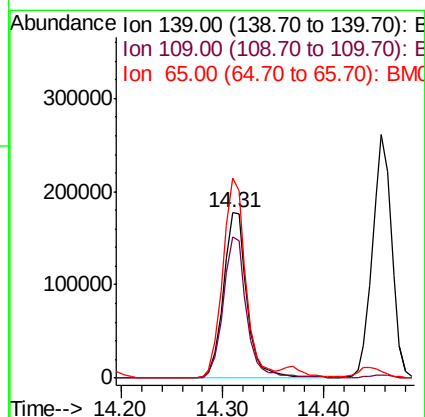
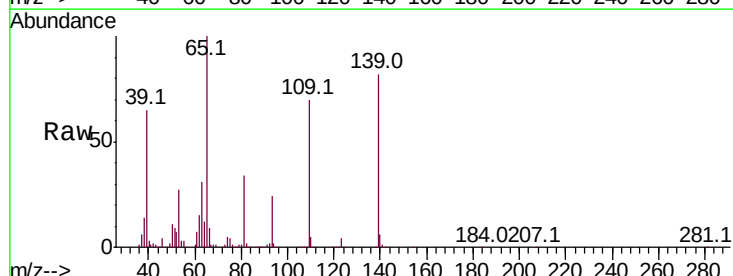
Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

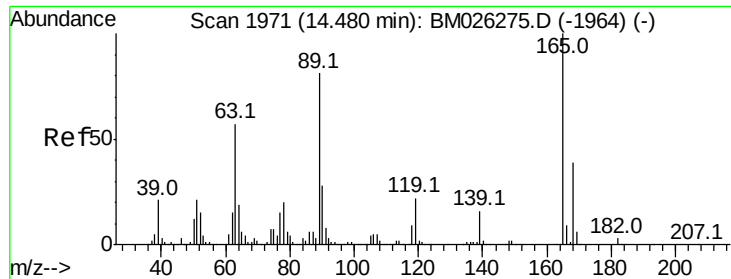
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.4	47.0
169	13.5	10.7	16.1



#56
4-Nitrophenol
Concen: 78.621 ng
RT: 14.31 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.2	64.9	104.9
65	121.4	98.1	138.1





#57

2,4-Dinitrotoluene

Concen: 39.368 ng

RT: 14.45 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:165 Resp: 225290

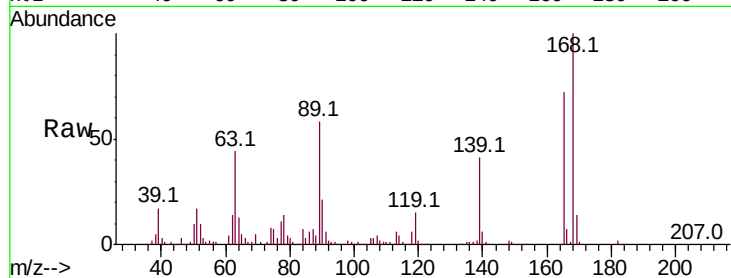
Ion Ratio Lower Upper

165 100

63 61.0 48.1 72.1

89 81.3 65.6 98.4

182 3.1 2.7 4.1

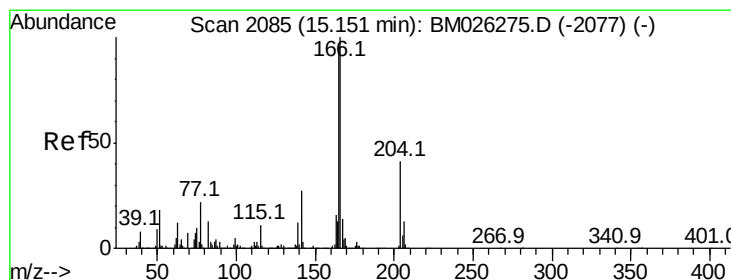
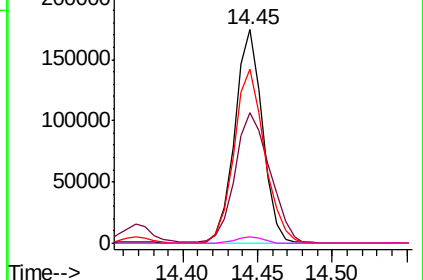
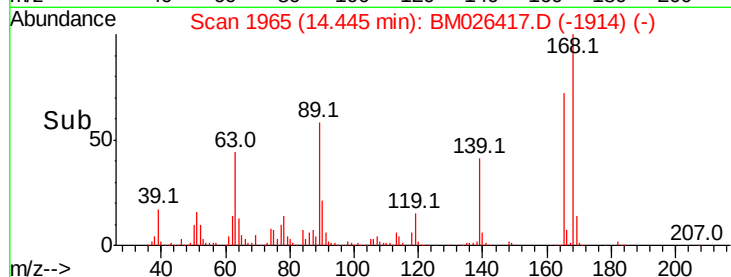


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.078 ng

RT: 15.11 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

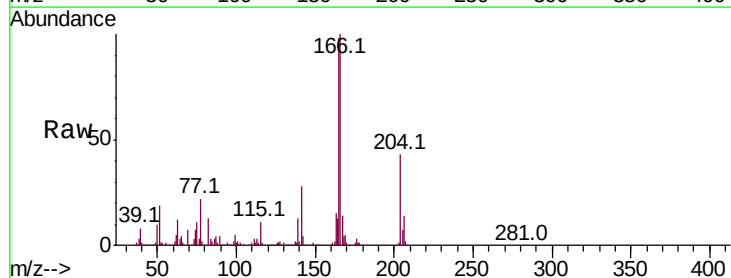
Tgt Ion:166 Resp: 717090

Ion Ratio Lower Upper

166 100

165 97.6 77.5 116.3

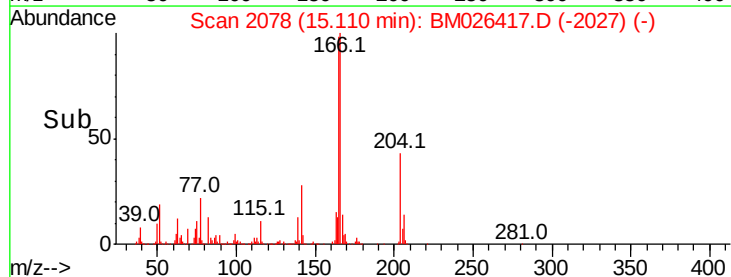
167 13.5 10.9 16.3



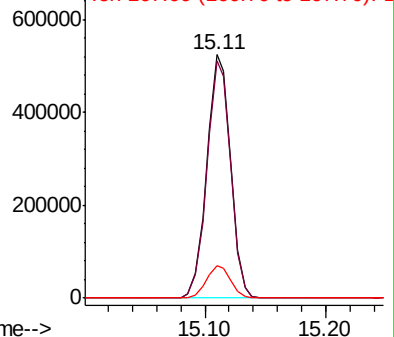
Abundance Ion 166.00 (165.70 to 166.70): E

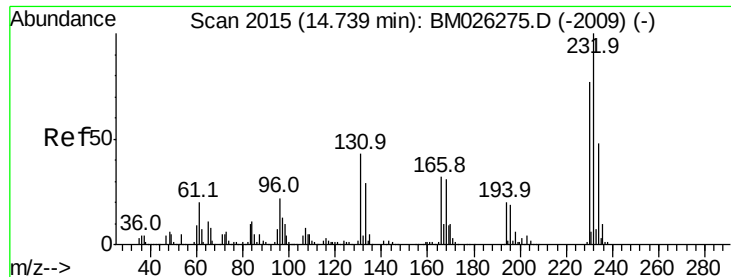
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

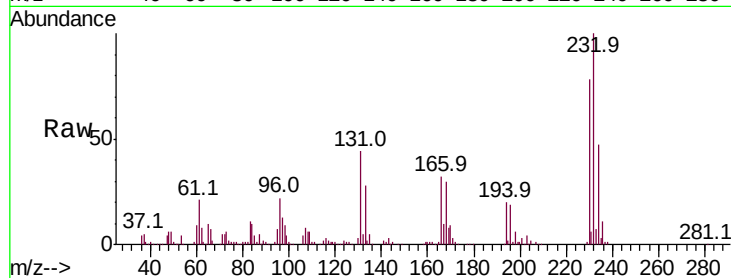




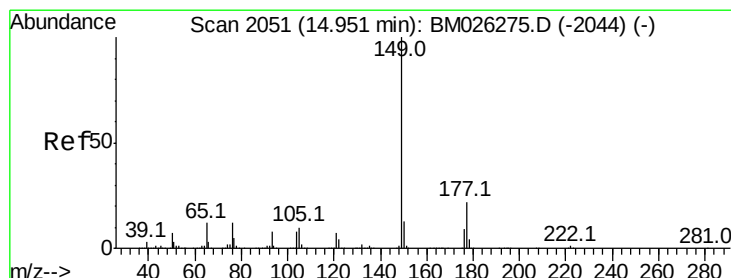
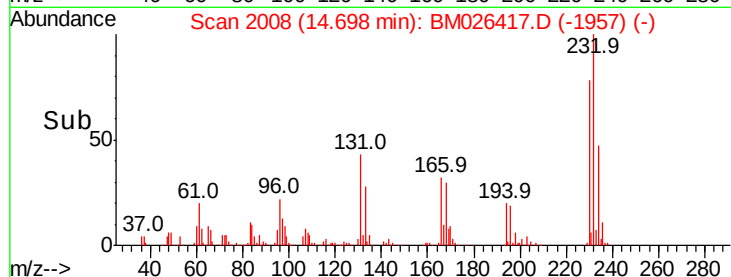
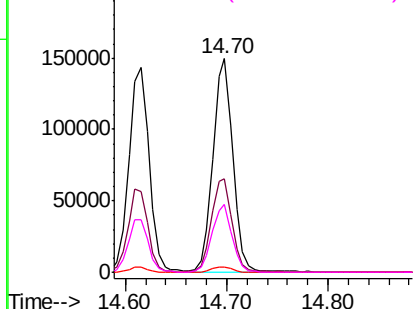
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.609 ng
 RT: 14.70 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Instrument :
 BNA_M
 ClientSampleId :
 MW-22(16.5-18.5)MSD

Tot Ion:	232	Resp:	204107
Ion	Ratio	Lower	Upper
232	100		
131	45.4	36.4	54.6
130	2.6	2.0	3.0
166	31.6	24.8	37.2

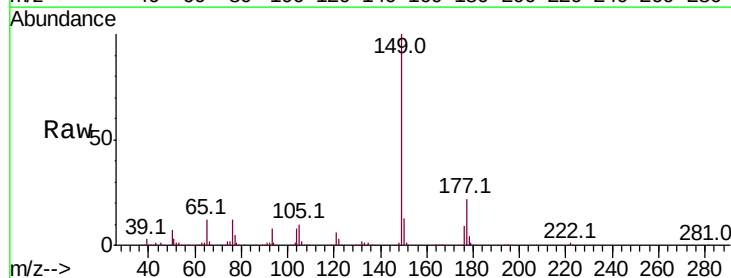


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

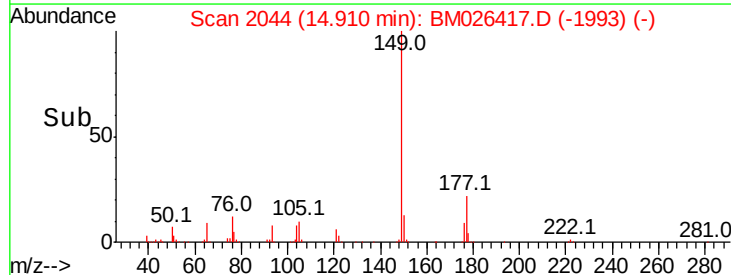
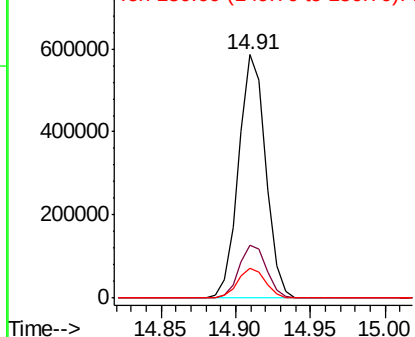


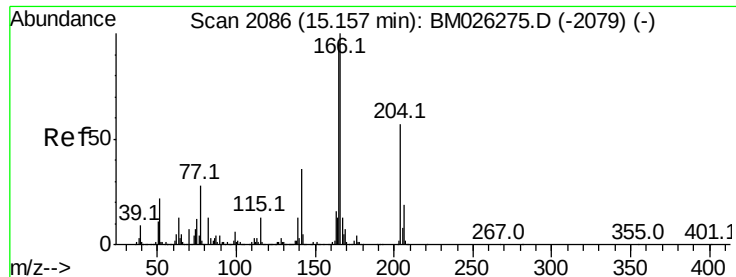
#60
 Diethylphthalate
 Concen: 38.699 ng
 RT: 14.91 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Tgt Ion:	149	Resp:	739317
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.6	26.4
150	12.5	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

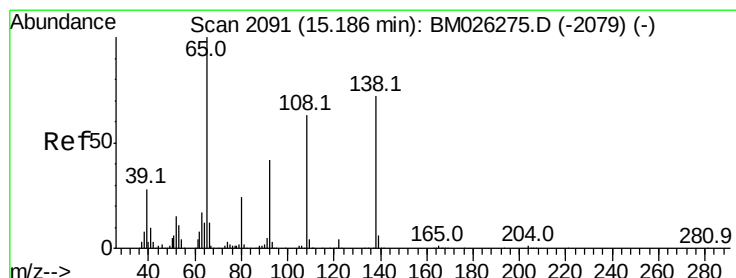
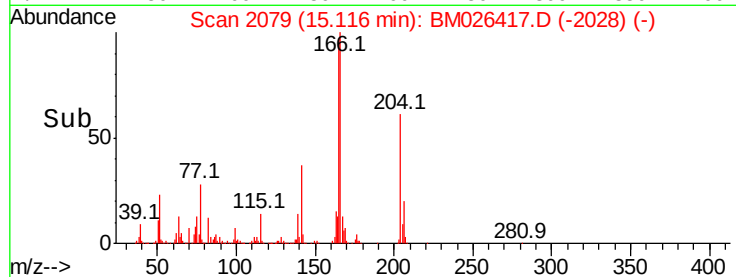
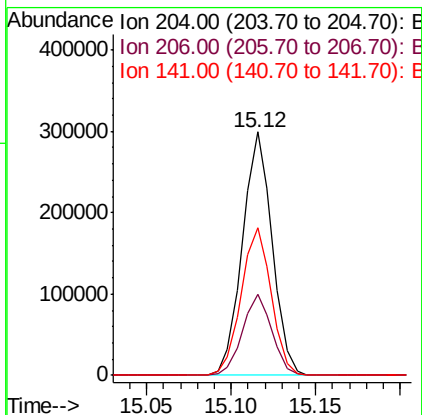
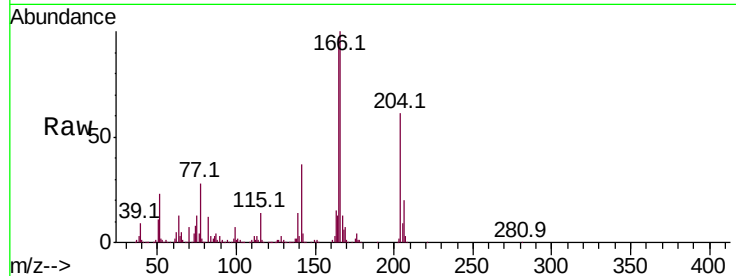




#61
4-Chlorophenyl-phenylether
Concen: 37.740 ng
RT: 15.12 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

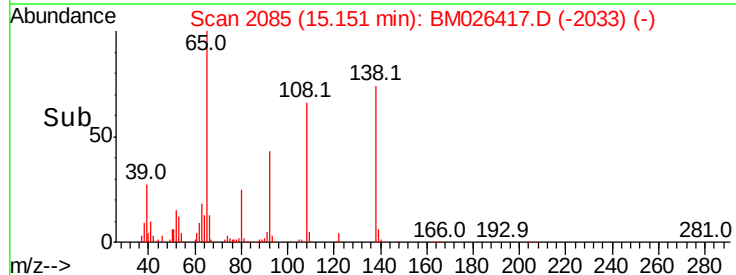
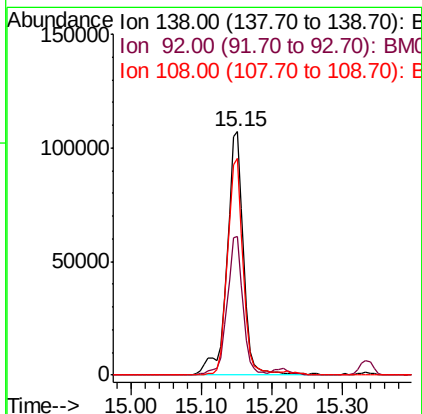
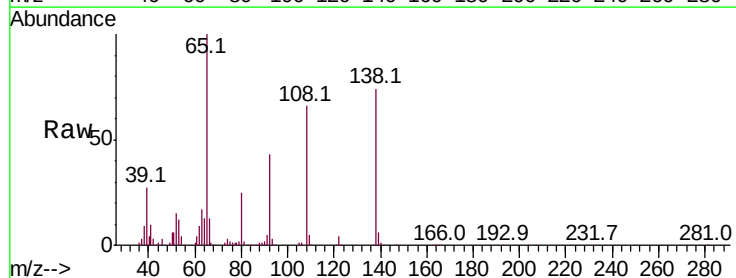
Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

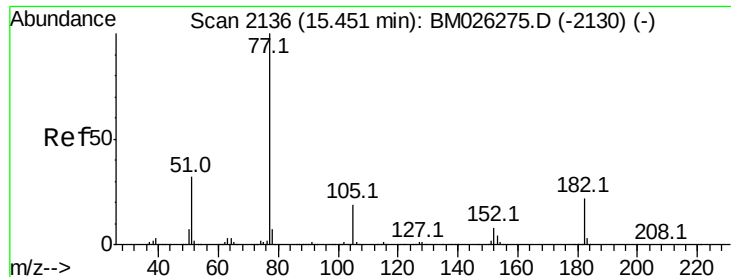
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	40.0
141	60.6	49.4	74.2



#62
4-Nitroaniline
Concen: 35.713 ng
RT: 15.15 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.2	37.5	77.5
108	88.9	66.3	106.3





#63

Azobenzene

Concen: 39.264 ng

RT: 15.41 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion: 77 Resp: 820701

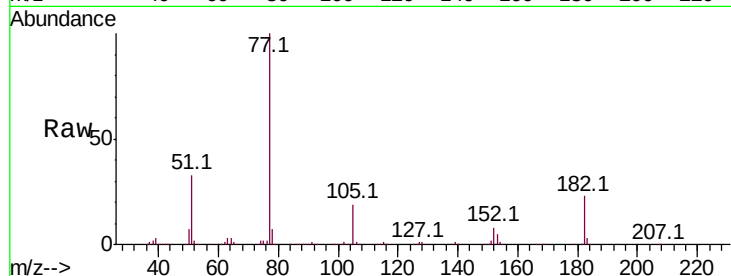
Ion Ratio Lower Upper

77 100

182 22.5 2.1 42.1

105 18.6 0.0 38.3

51 33.2 13.5 53.5

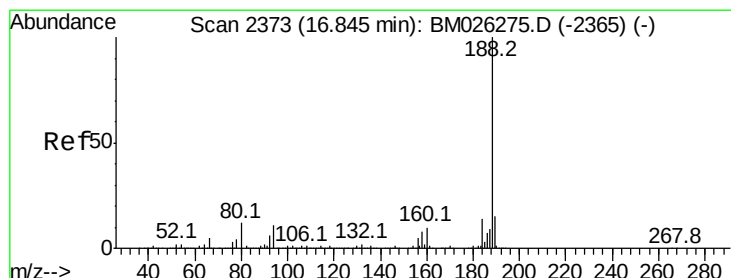
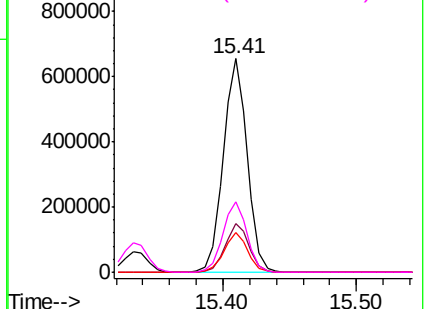
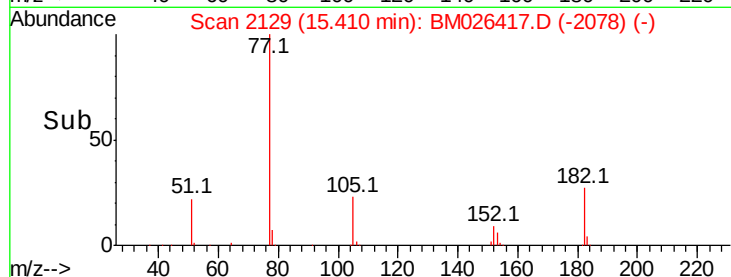


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 16.80 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

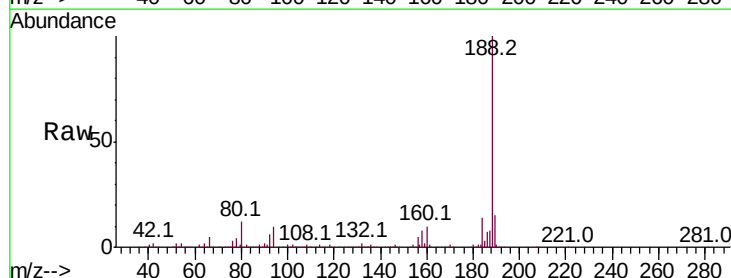
Tgt Ion: 188 Resp: 561603

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

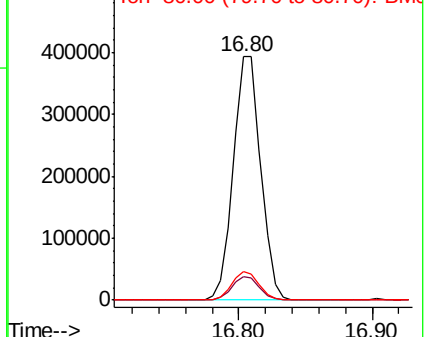
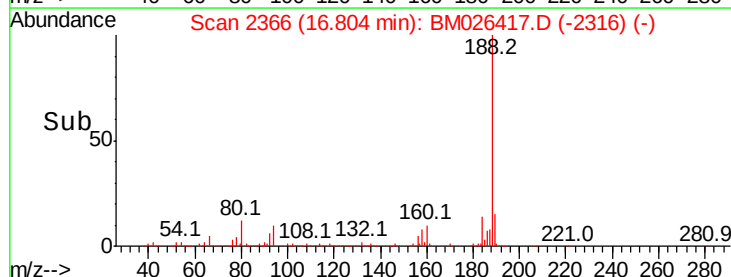
80 11.8 9.5 14.3

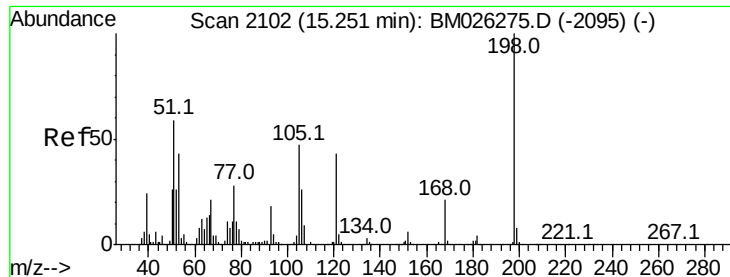


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

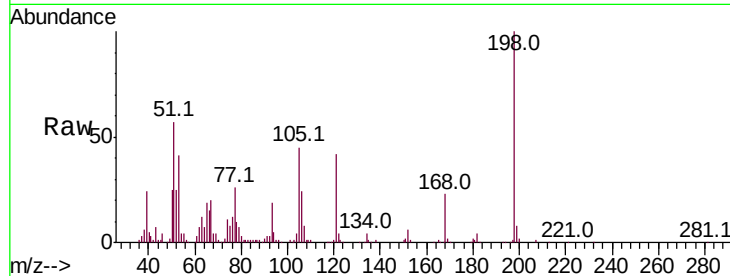




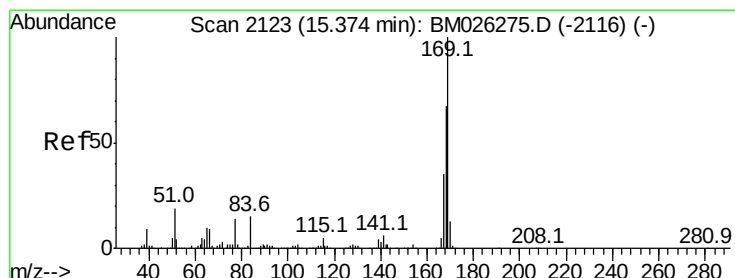
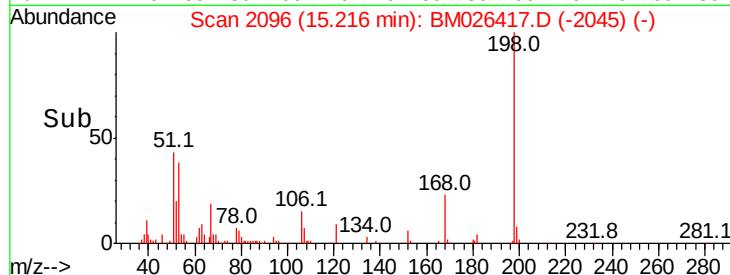
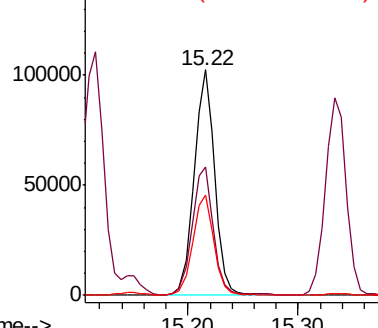
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.046 ng
 RT: 15.22 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Instrument :
 BNA_M
 ClientSampleId :
 MW-22(16.5-18.5)MSD

Tot Ion:198 Resp: 133347
 Ion Ratio Lower Upper
 198 100
 51 56.9 35.6 75.6
 105 44.7 24.3 64.3

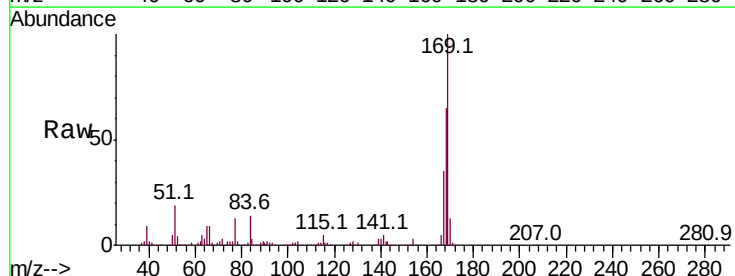


Abundance Ion 198.00 (197.70 to 198.70): E
 150000 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

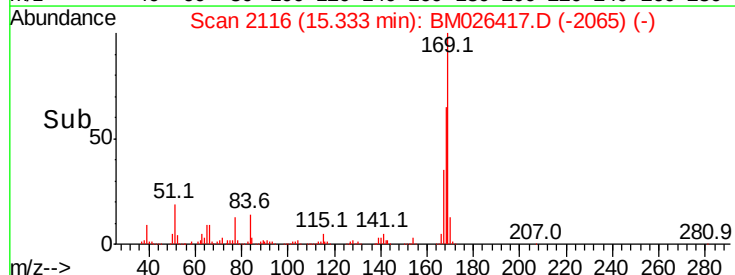
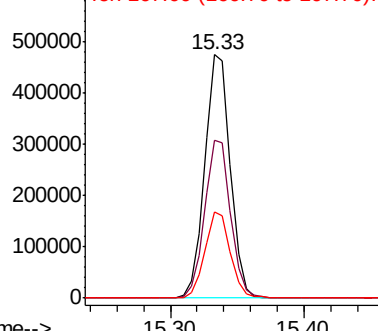


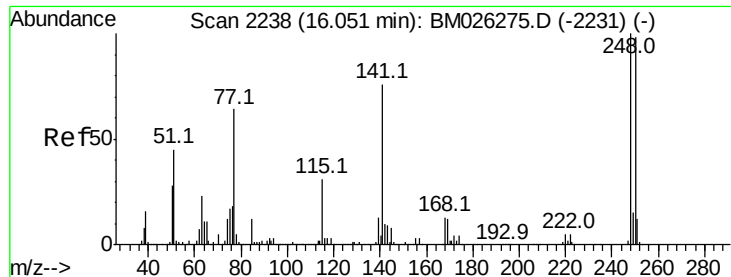
#66
 n-Nitrosodiphenylamine
 Concen: 38.859 ng
 RT: 15.33 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Tgt Ion:169 Resp: 632205
 Ion Ratio Lower Upper
 169 100
 168 65.0 51.6 77.4
 167 35.4 28.2 42.4



Abundance Ion 169.00 (168.70 to 169.70): E
 600000 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

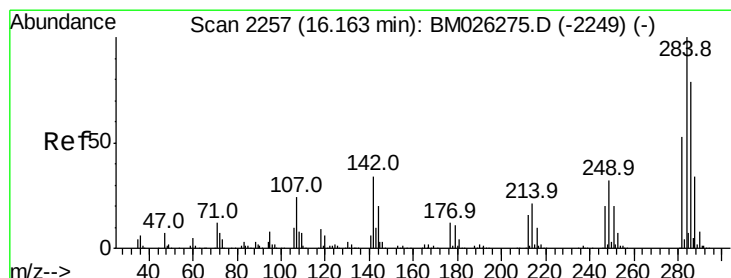
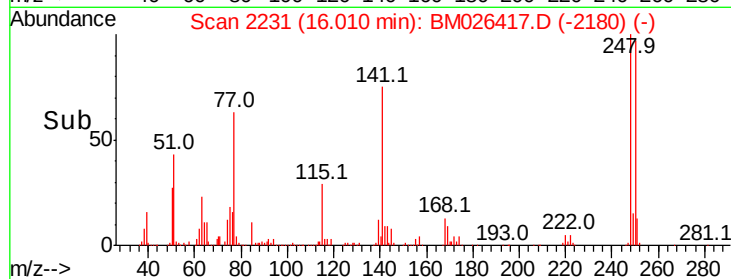
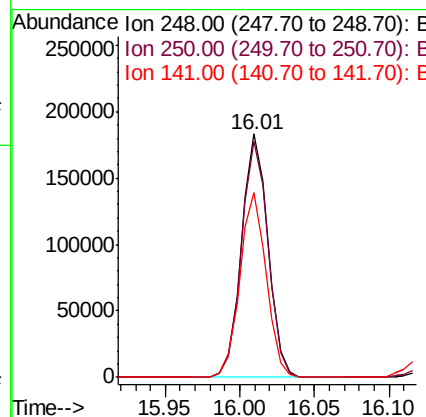
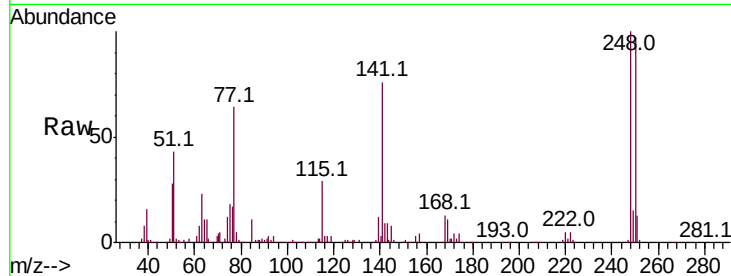




#67
4-Bromophenyl-phenylether
Concen: 36.589 ng
RT: 16.01 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

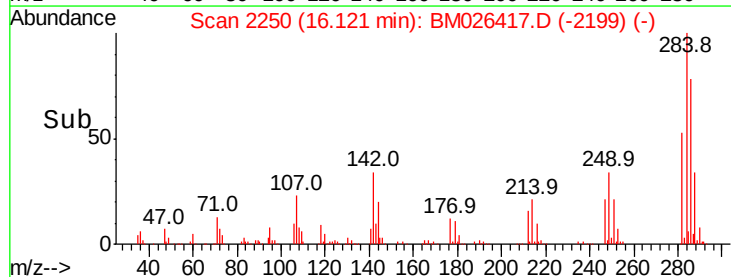
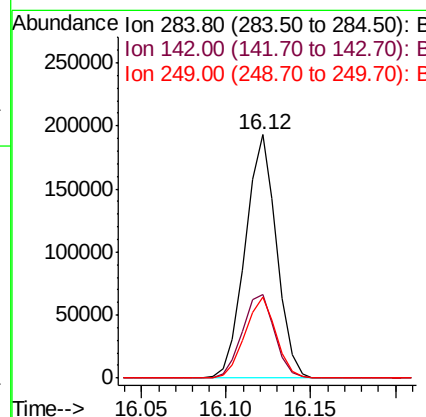
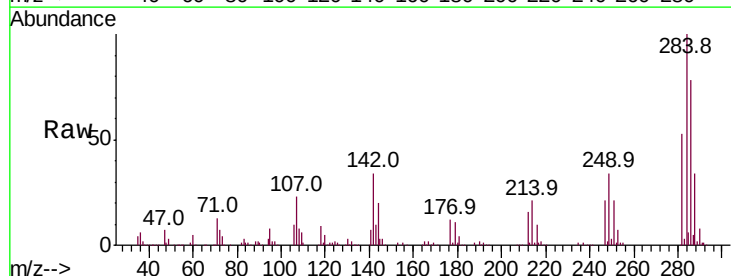
Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

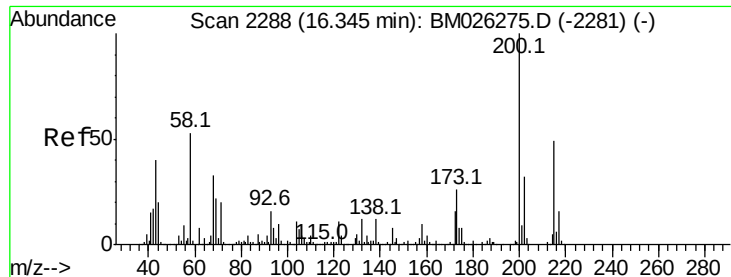
Tot Ion:248 Resp: 226208
Ion Ratio Lower Upper
248 100
250 96.8 78.4 117.6
141 75.6 60.6 91.0



#68
Hexachlorobenzene
Concen: 38.529 ng
RT: 16.12 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion:284 Resp: 248557
Ion Ratio Lower Upper
284 100
142 34.2 29.1 43.7
249 33.5 27.2 40.8

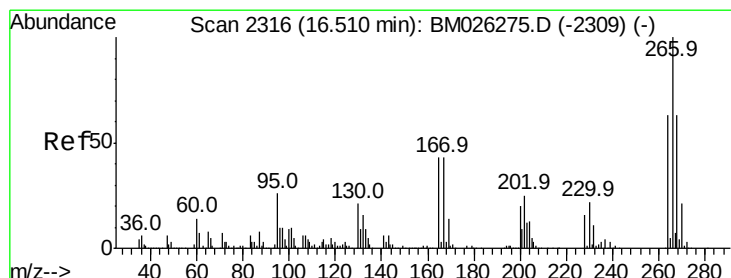
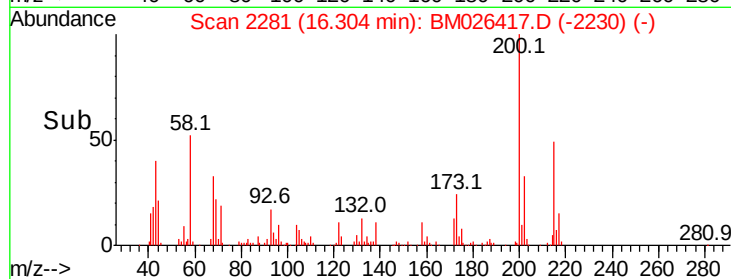
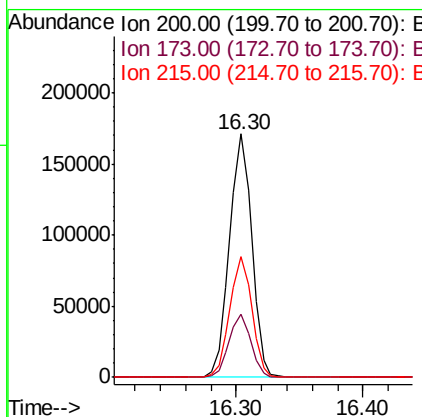
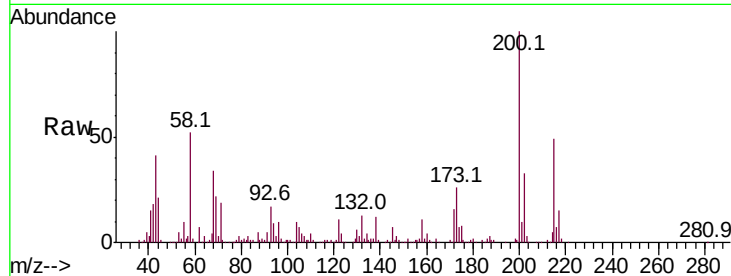




#69
 Atrazine
 Concen: 42.775 ng
 RT: 16.30 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

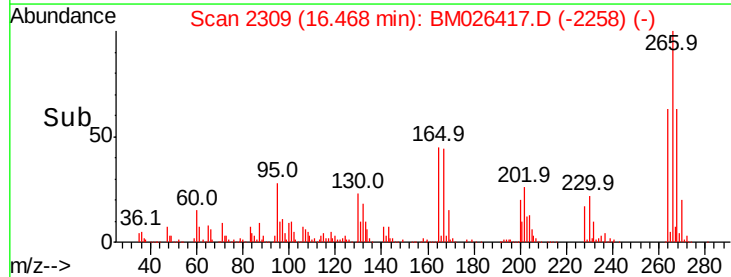
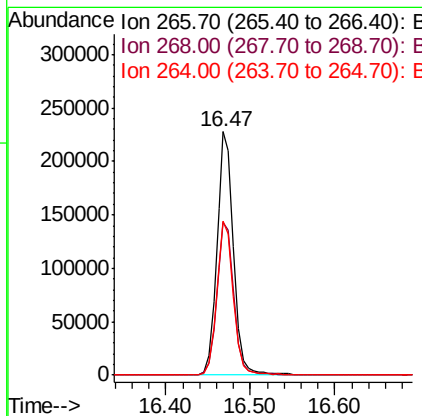
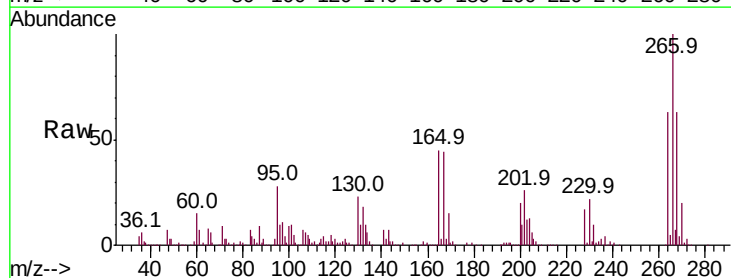
Instrument :
 BNA_M
 ClientSampleId :
 MW-22(16.5-18.5)MSD

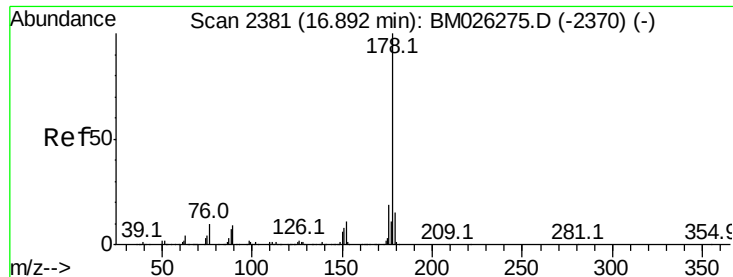
Tot Ion:	200	Resp:	207907
Ion Ratio	Lower	Upper	
200	100		
173	25.9	6.6	46.6
215	49.4	29.8	69.8



#70
 Pentachlorophenol
 Concen: 81.105 ng
 RT: 16.47 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Tgt Ion:	266	Resp:	315081
Ion Ratio	Lower	Upper	
266	100		
268	62.8	50.2	75.4
264	63.5	50.6	75.8





#71

Phenanthrene

Concen: 38.497 ng

RT: 16.85 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

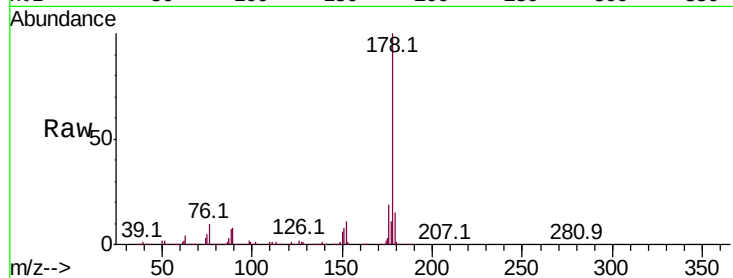
Tot Ion:178 Resp: 1125877

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.3	12.3	18.5

178 100

176 18.9 15.1 22.7

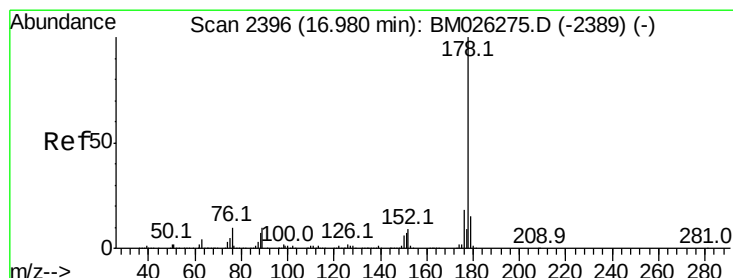
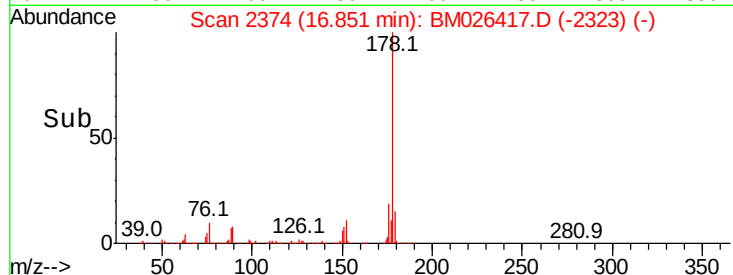
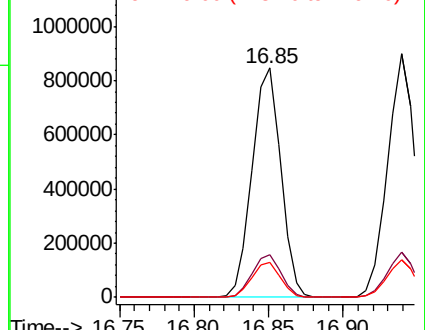
179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.465 ng

RT: 16.94 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

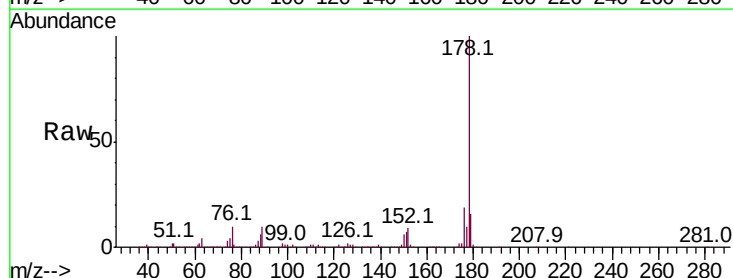
Tgt Ion:178 Resp: 1151923

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	15.5	12.3	18.5

178 100

176 18.6 14.5 21.7

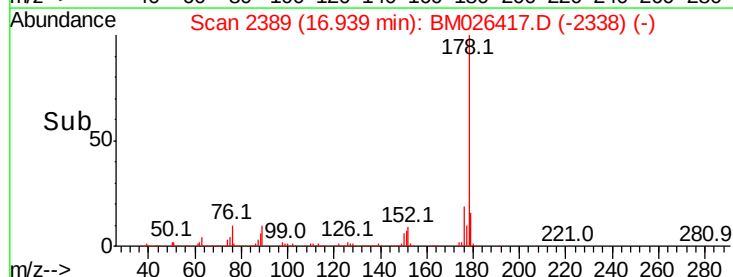
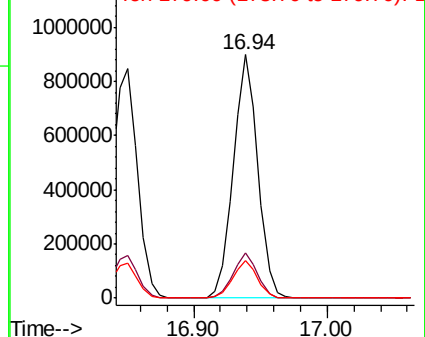
179 15.5 12.3 18.5

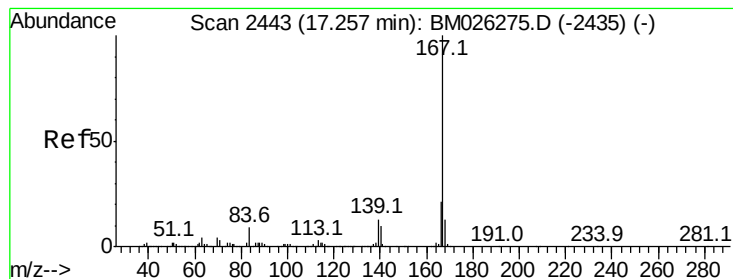


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.648 ng

RT: 17.22 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

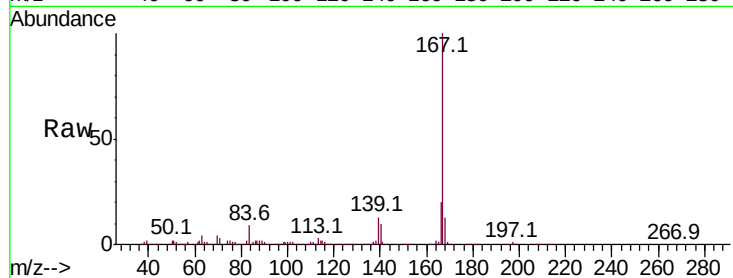
Tot Ion:167 Resp: 1042086

Ion Ratio Lower Upper

167 100

166 20.4 16.9 25.3

139 13.2 10.2 15.4

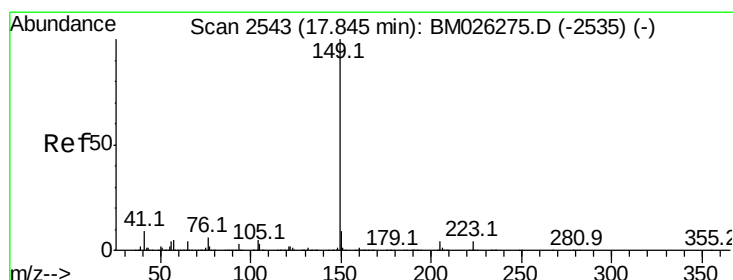
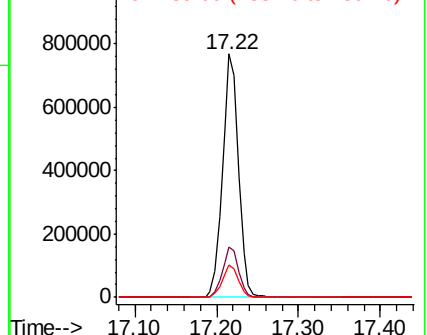
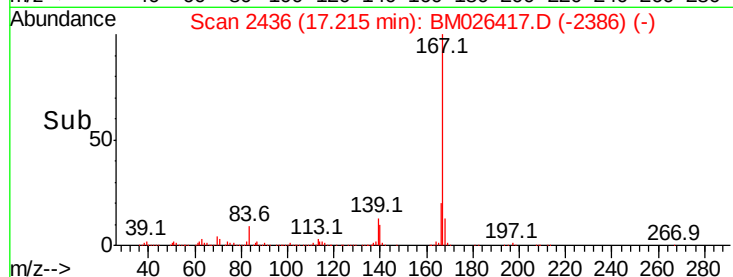


Abundance

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: 39.775 ng

RT: 17.80 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

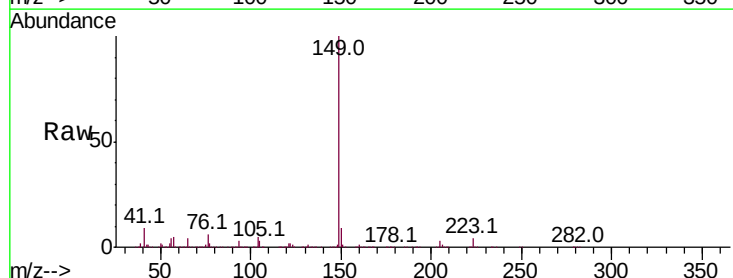
Tgt Ion:149 Resp: 1298374

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

104 5.3 4.2 6.2

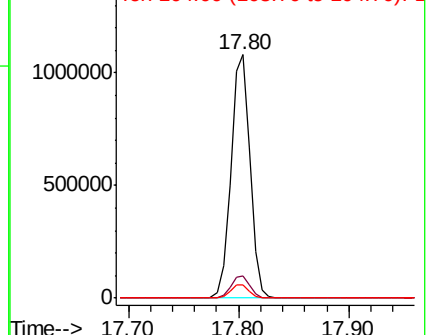
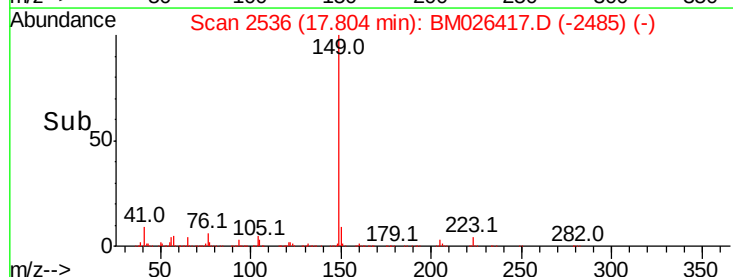


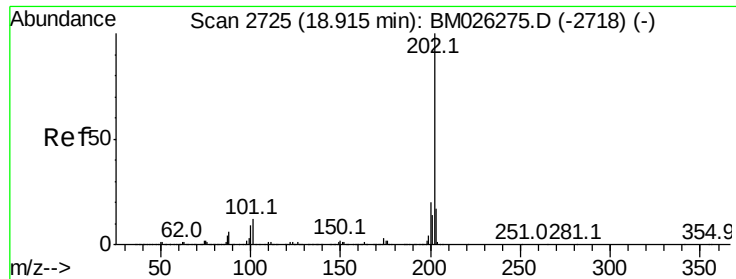
Abundance

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: 40.480 ng

RT: 18.87 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

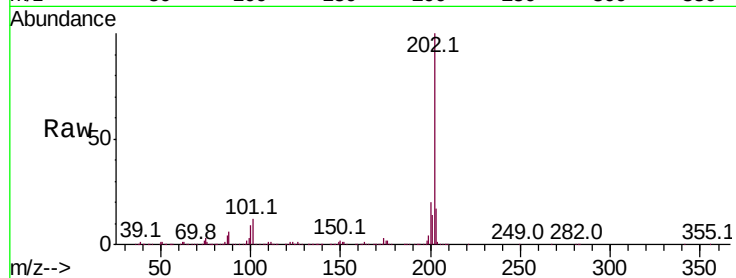
Tot Ion:202 Resp: 1357290

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.9

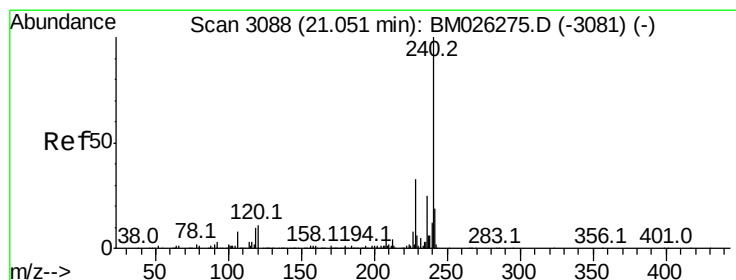
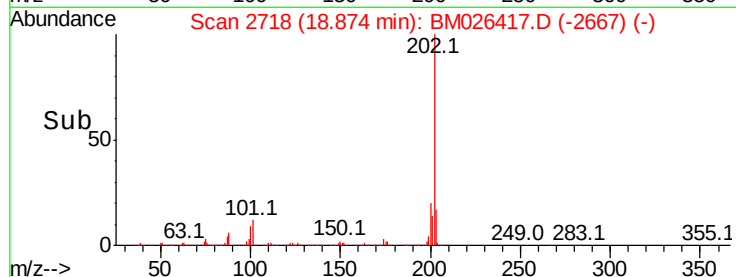
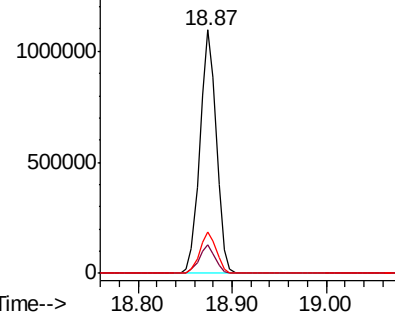
203 17.2 0.0 37.5



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: 21.02 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

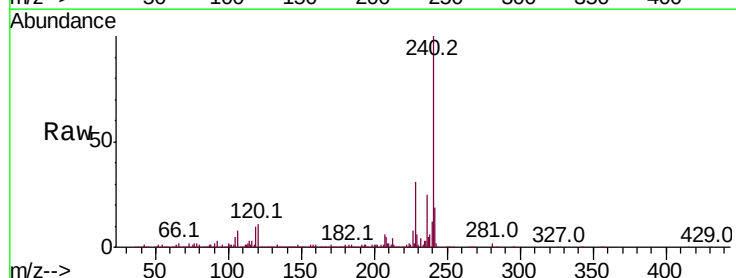
Tgt Ion:240 Resp: 599347

Ion Ratio Lower Upper

240 100

120 10.6 9.3 13.9

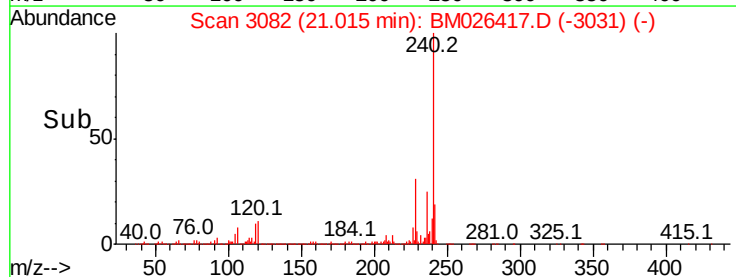
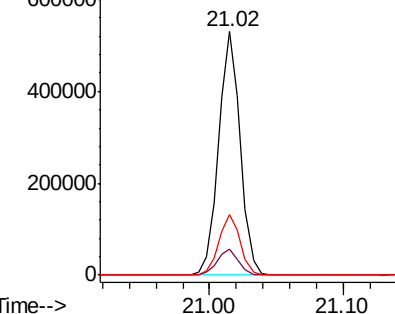
236 24.9 19.4 29.0

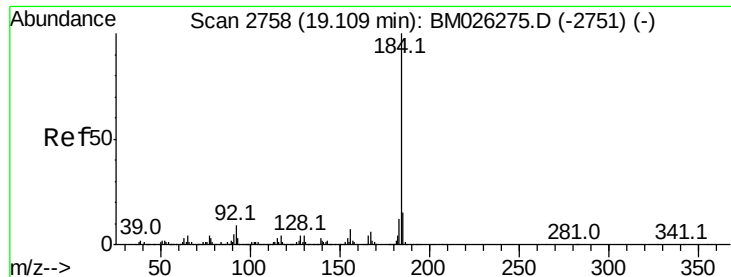


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.598 ng

RT: 19.08 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

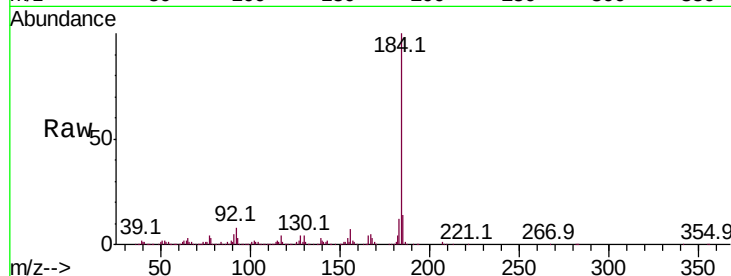
Tot Ion:184 Resp: 667262

Ion Ratio Lower Upper

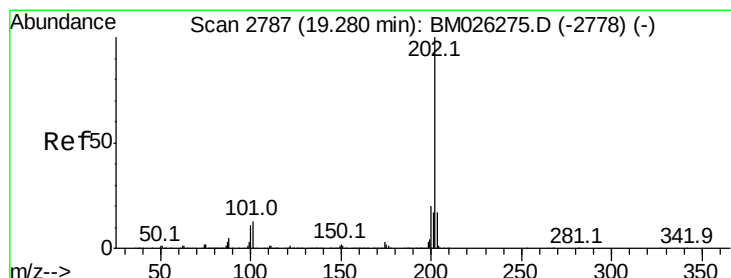
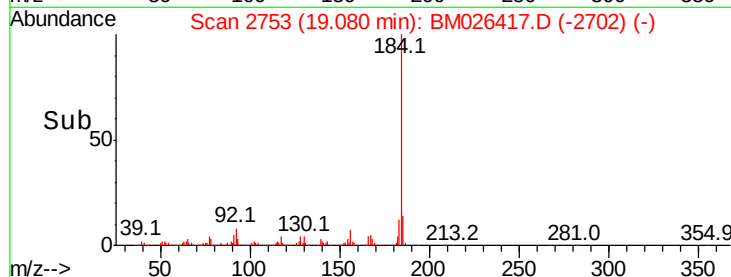
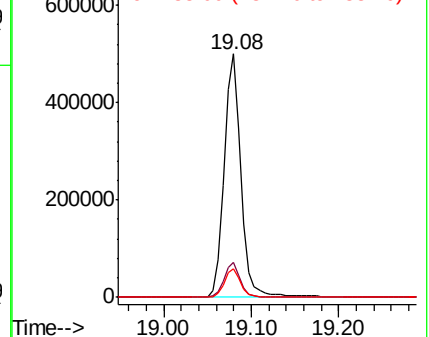
184 100

185 14.2 11.2 16.8

183 11.6 9.4 14.2



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: 34.730 ng

RT: 19.24 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

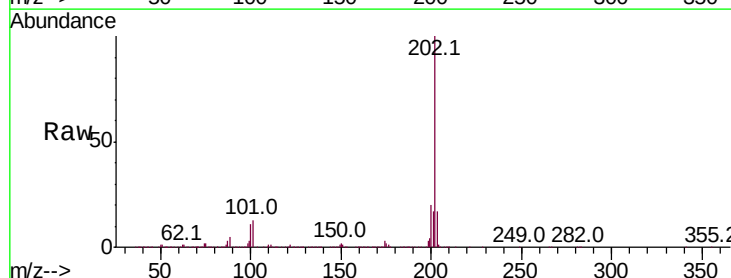
Tgt Ion:202 Resp: 1375343

Ion Ratio Lower Upper

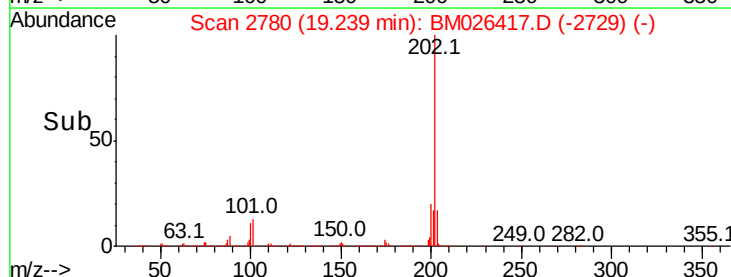
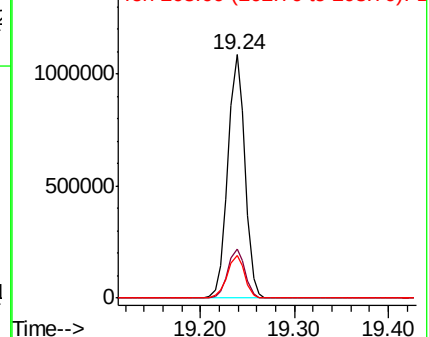
202 100

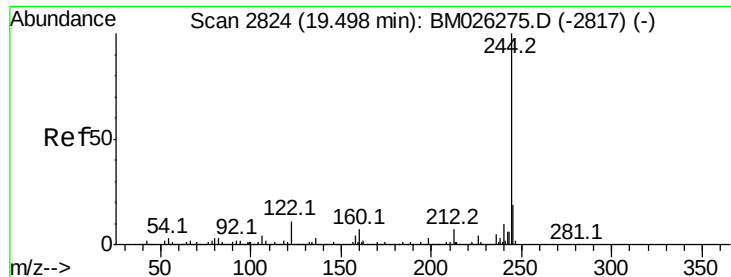
200 20.4 16.3 24.5

203 17.4 13.8 20.6



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: 67.805 ng

RT: 19.46 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

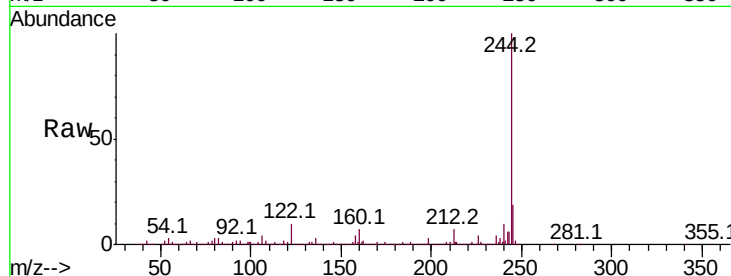
Tot Ion:244 Resp: 2093508

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

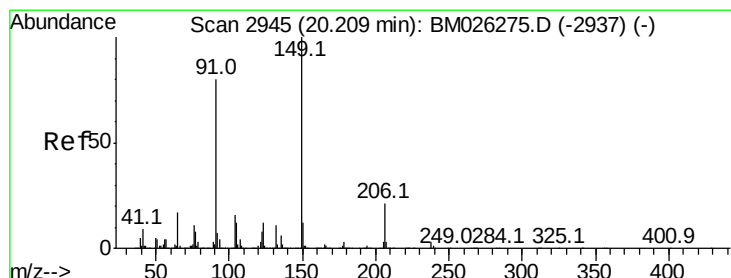
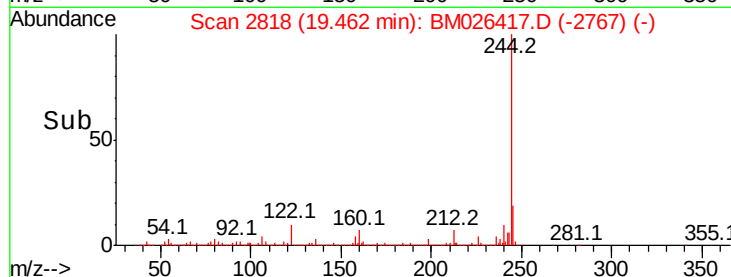
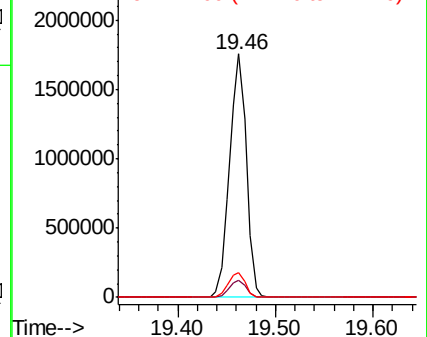
122 10.4 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.474 ng

RT: 20.17 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

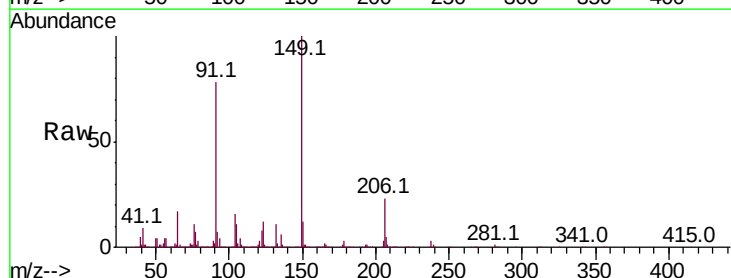
Tgt Ion:149 Resp: 584091

Ion Ratio Lower Upper

149 100

91 78.1 64.6 97.0

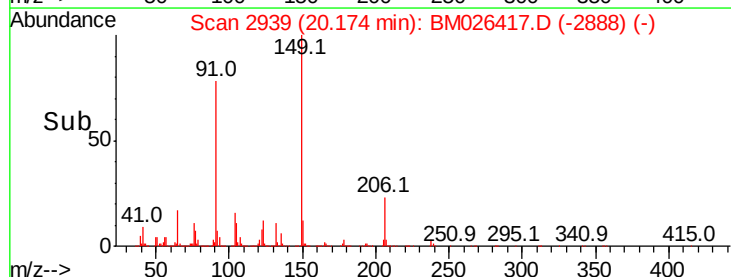
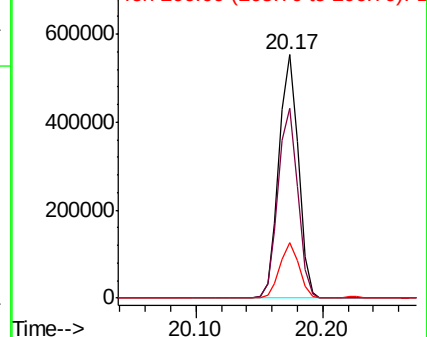
206 22.7 17.6 26.4

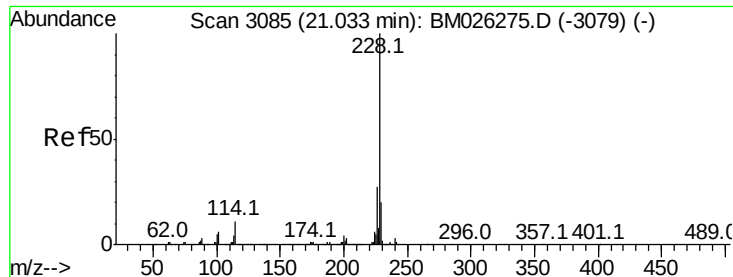


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.123 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

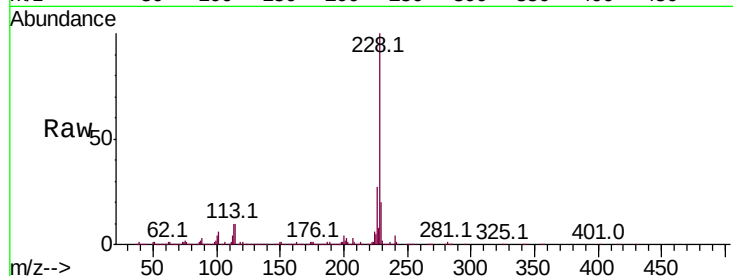
Tot Ion:228 Resp: 1371498

Ion Ratio Lower Upper

228 100

226 26.8 21.1 31.7

229 19.7 15.7 23.5

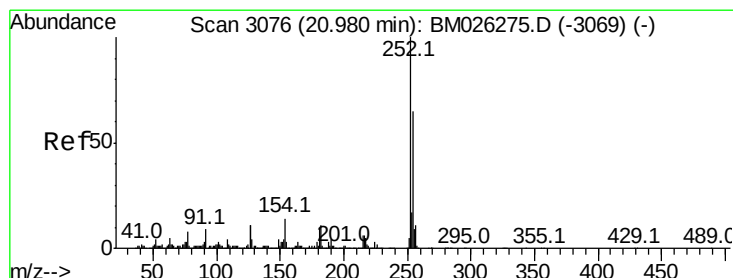
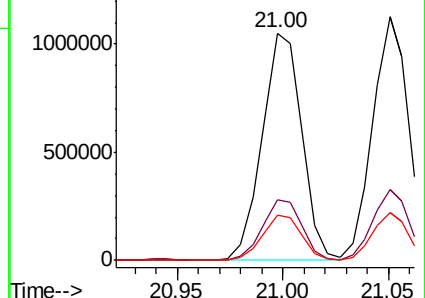
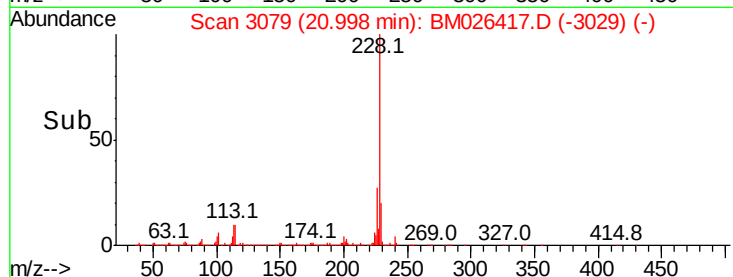


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.510 ng

RT: 20.94 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

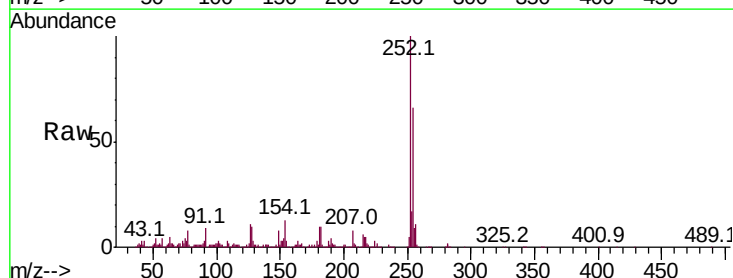
Tgt Ion:252 Resp: 406373

Ion Ratio Lower Upper

252 100

254 65.7 51.0 76.6

126 10.6 9.2 13.8

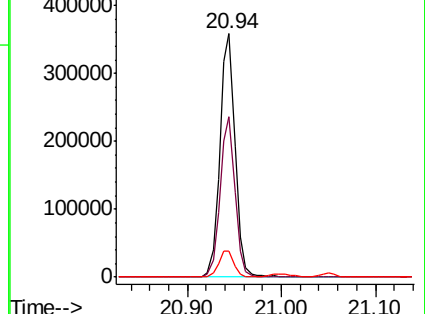
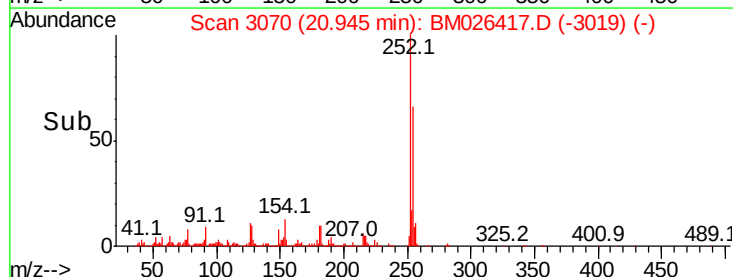


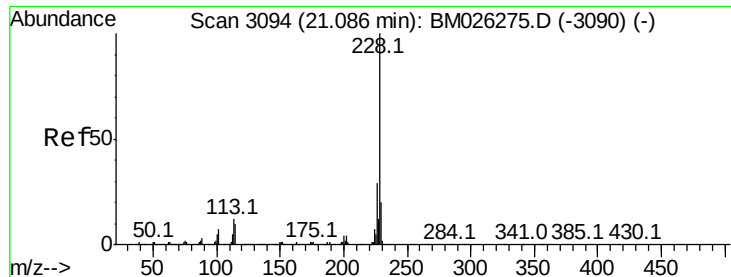
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.947 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

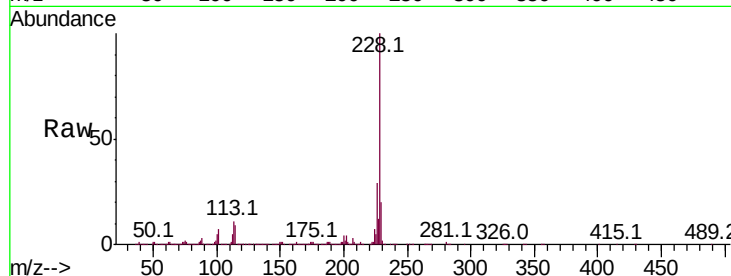
Tot Ion:228 Resp: 1335231

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

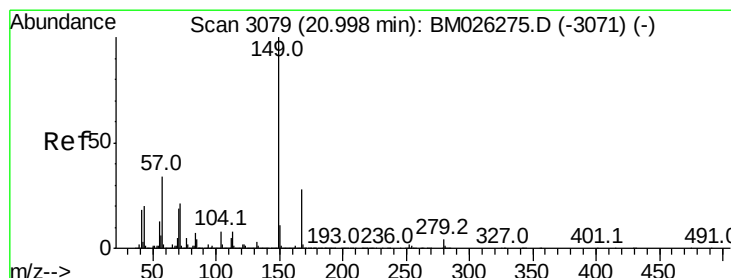
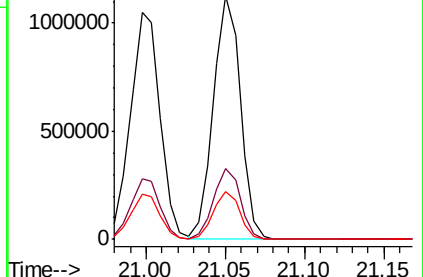
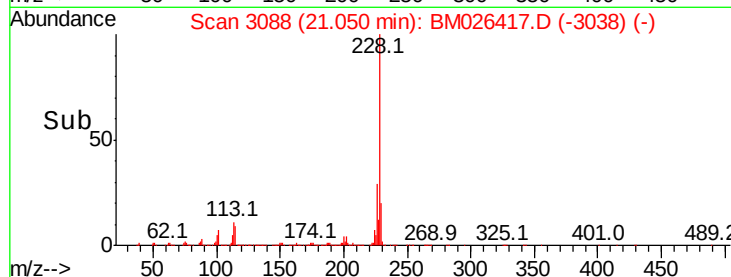
229 19.5 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.742 ng

RT: 20.96 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

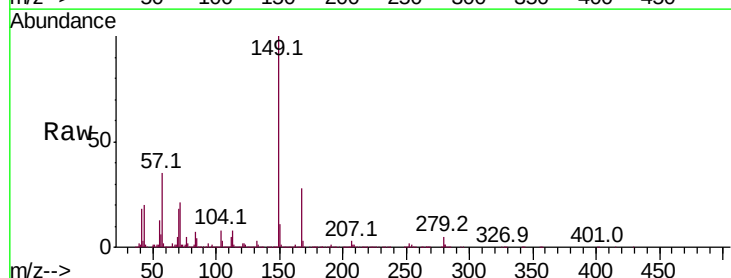
Tgt Ion:149 Resp: 884645

Ion Ratio Lower Upper

149 100

167 28.2 22.0 33.0

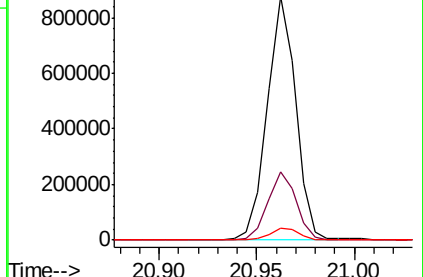
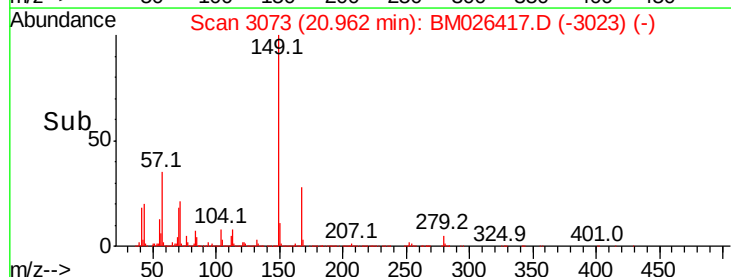
279 4.7 3.7 5.5

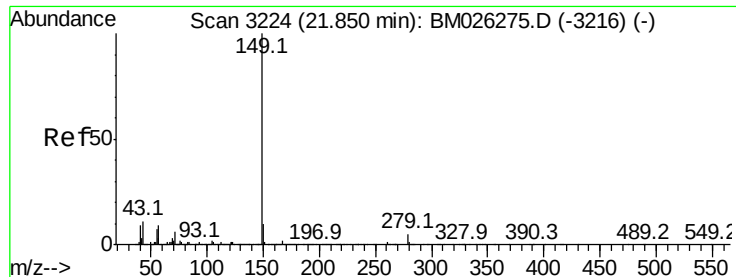


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

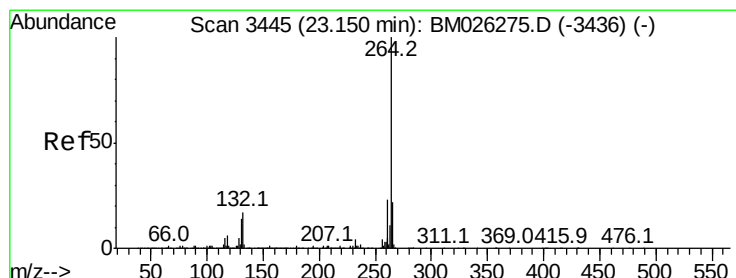
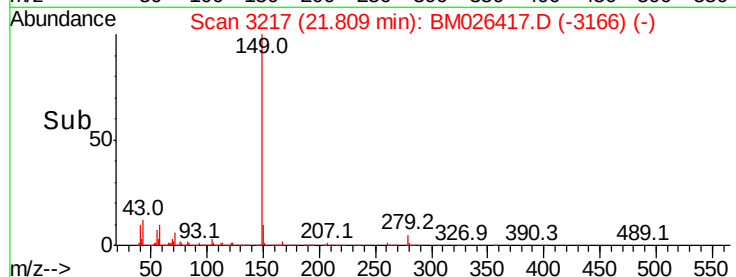
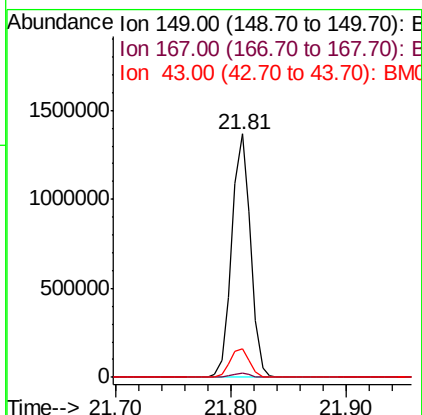
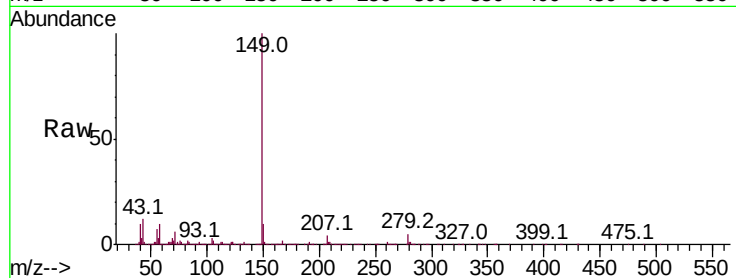




#85
Di-n-octyl phthalate
Concen: 43.398 ng
RT: 21.81 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

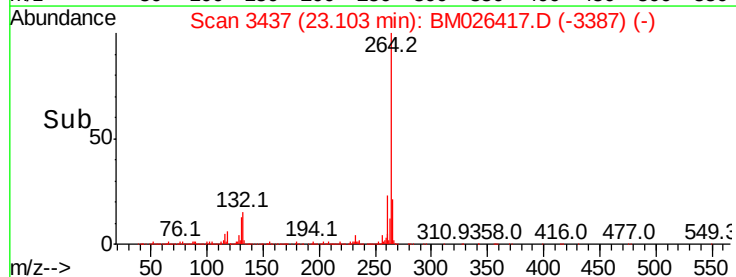
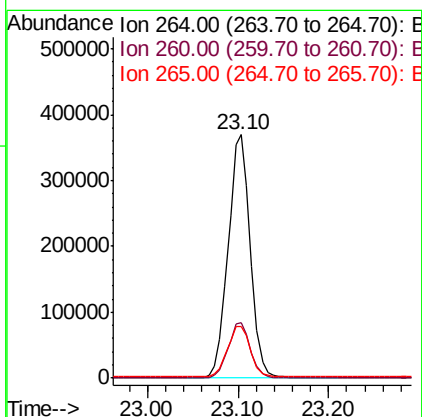
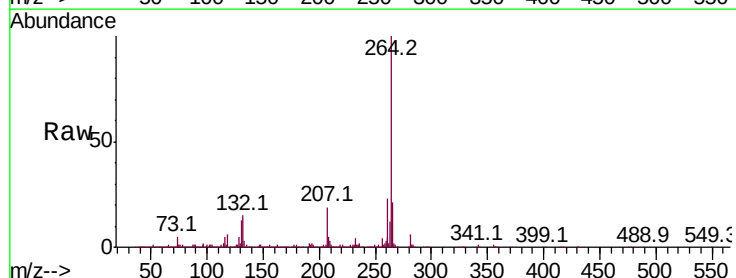
Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MSD

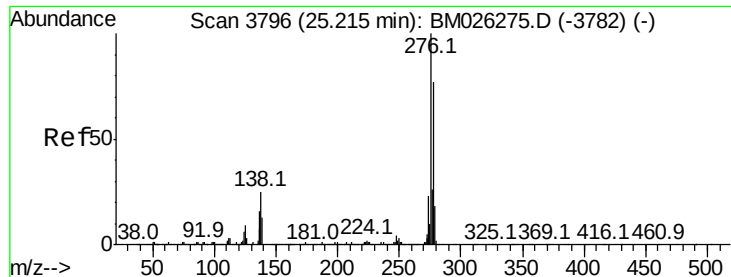
Tot Ion:149 Resp: 1528676
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.4 10.3 15.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.10 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BM026417.D
Acq: 16 Jun 2020 18:05

Tgt Ion:264 Resp: 624971
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.2 17.8 26.6



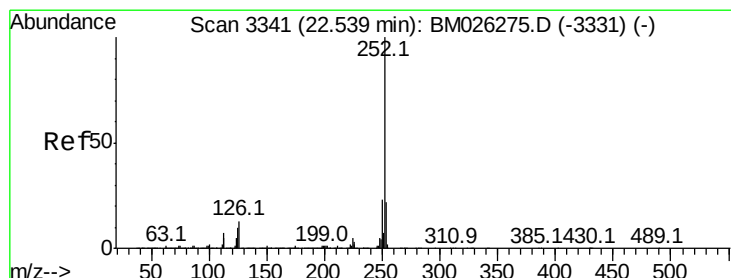
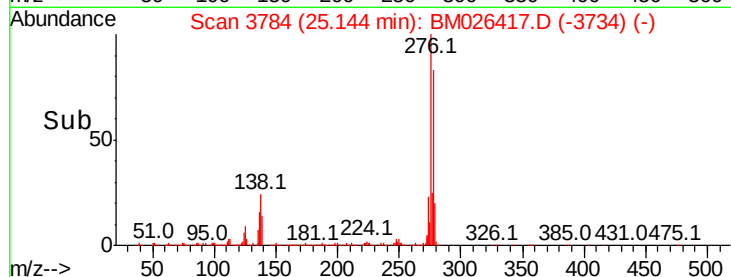
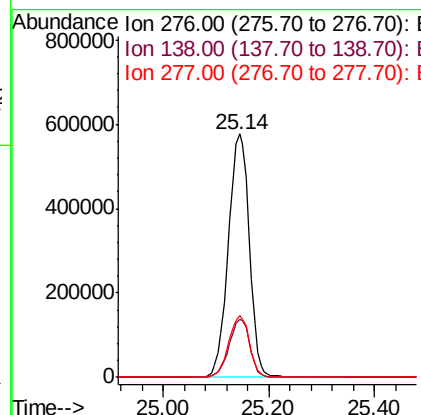
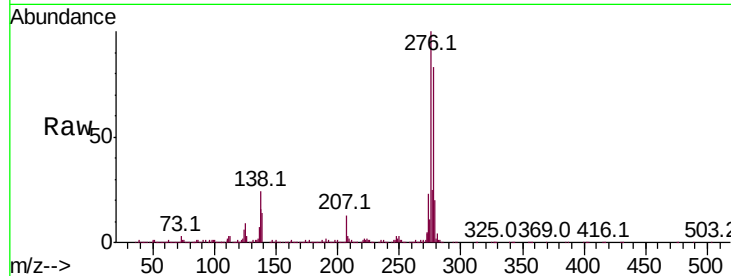


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.942 ng
 RT: 25.14 min Scan# 3784
 Delta R.T. -0.01 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Instrument :
 BNA_M
 ClientSampleId :
 MW-22(16.5-18.5)MSD

Tot Ion:276 Resp: 1588617

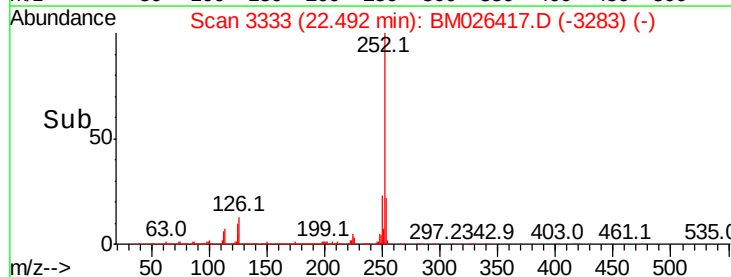
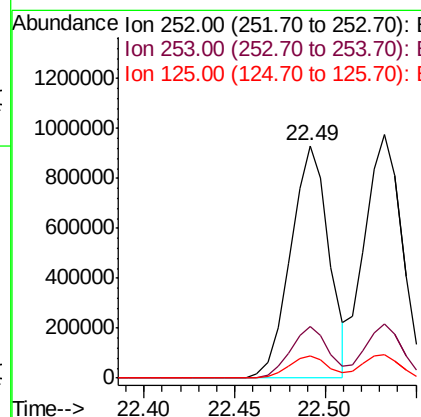
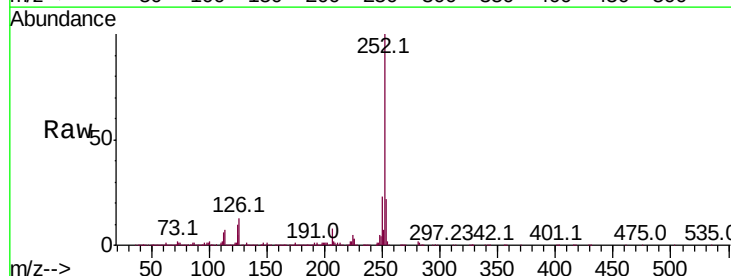
Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.0	28.6
277	25.1	20.2	30.4

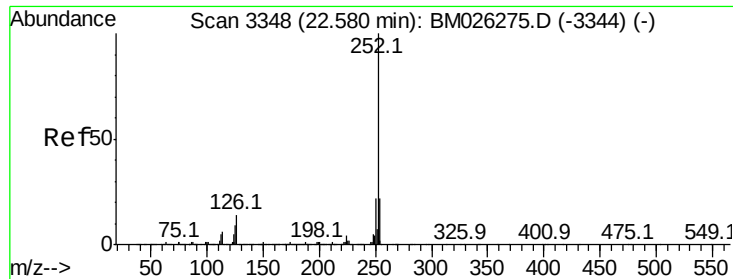


#88
 Benzo(b)fluoranthene
 Concen: 36.516 ng
 RT: 22.49 min Scan# 3333
 Delta R.T. -0.01 min
 Lab File: BM026417.D
 Acq: 16 Jun 2020 18:05

Tgt Ion:252 Resp: 1372850

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.8	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 38.412 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

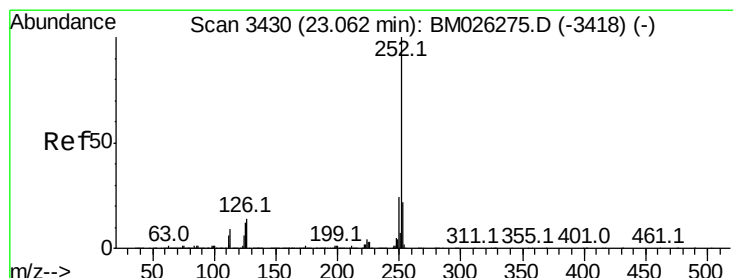
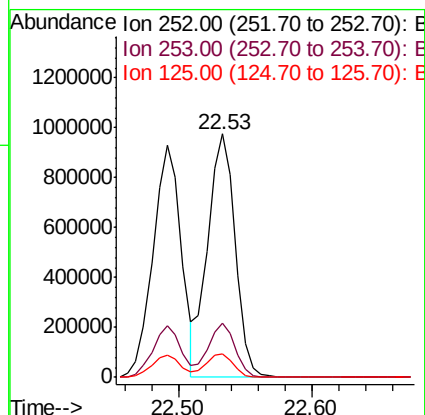
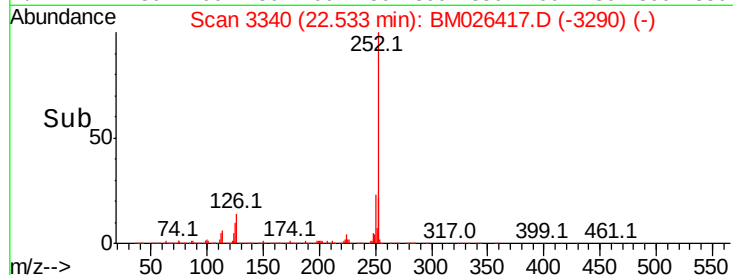
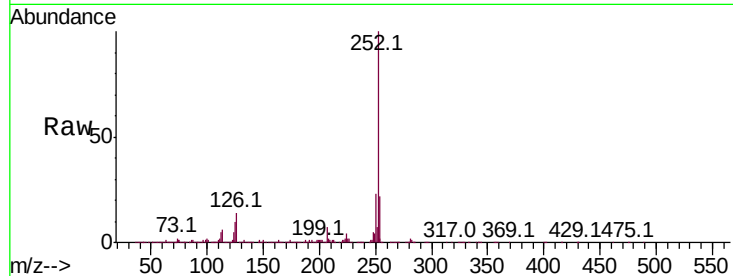
Tot Ion:252 Resp: 1402997

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.6 7.8 11.8



#90

Benzo(a)pyrene

Concen: 37.984 ng

RT: 23.02 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

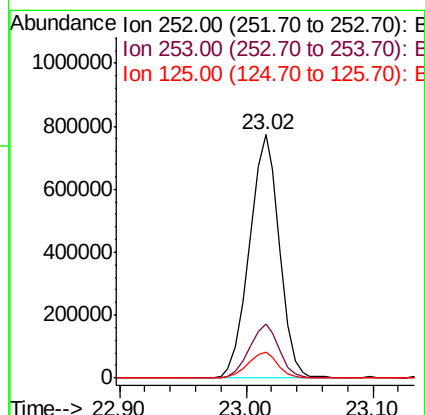
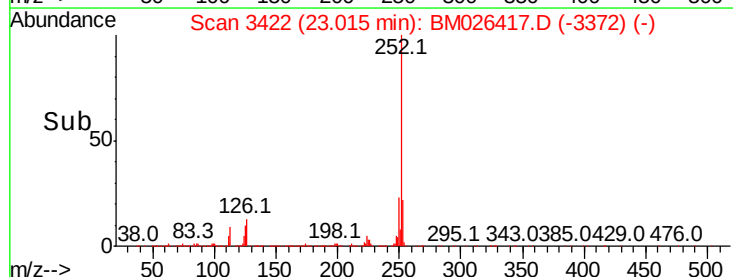
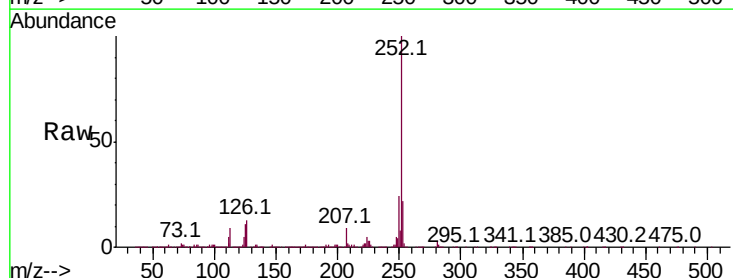
Tgt Ion:252 Resp: 1268304

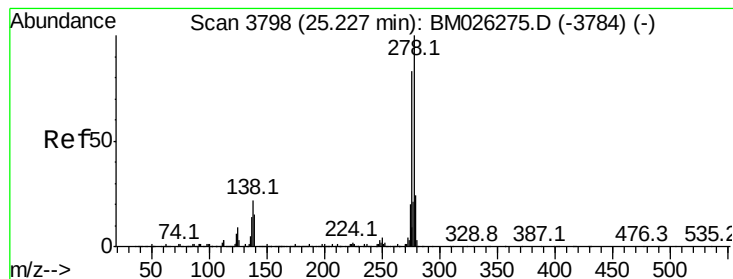
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.5 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 44.435 ng

RT: 25.16 min Scan# 3786

Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Instrument :

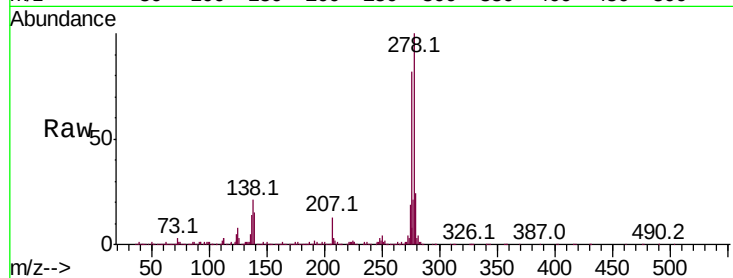
BNA_M

ClientSampleId :

MW-22(16.5-18.5)MSD

Tot Ion:278 Resp: 1341133

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.3	18.5
279	23.6	18.9	28.3

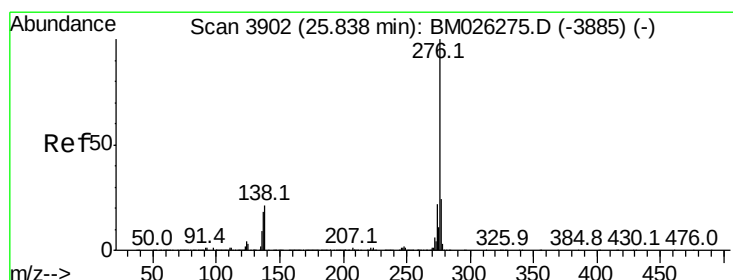
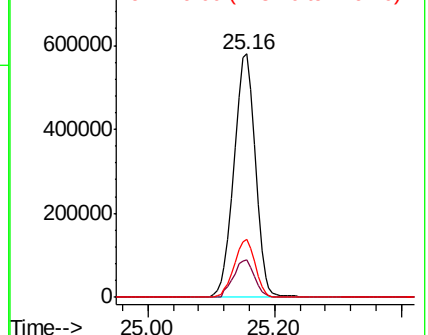
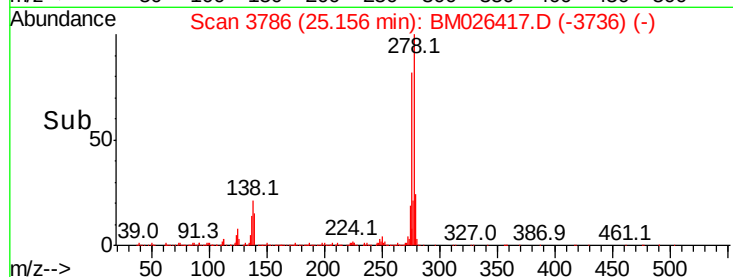


Abundance

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: 44.955 ng

RT: 25.76 min Scan# 3889

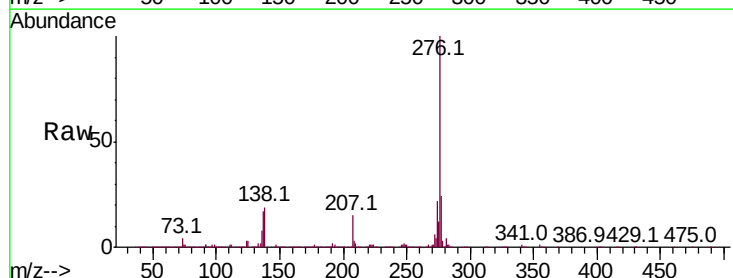
Delta R.T. -0.01 min

Lab File: BM026417.D

Acq: 16 Jun 2020 18:05

Tgt Ion:276 Resp: 1291136

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	19.4	16.2	24.4



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

