

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
 Data File : BM027442.D
 Acq On : 16 Sep 2020 14:46
 Operator : JU/CG
 Sample : L3971-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Quant Time: Sep 16 15:19:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:41:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	97514	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	347688	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	224303	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	508214	20.00	ng	0.00
76) Chrysene-d12	21.14	240	574160	20.00	ng	0.00
86) Perylene-d12	23.31	264	592856	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	808746	138.08	ng	0.00
7) Phenol-d6	6.75	99	1027619	130.01	ng	0.00
23) Nitrobenzene-d5	8.70	82	807998	99.28	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	488201	124.13	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1629024	96.58	ng	0.00
79) Terphenyl-d14	19.59	244	2796854	84.78	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.45	42	275841	96.344	ng	# 100
11) bis(2-Chloroethyl)ether	6.99	93	240834	37.680	ng	98
12) 1,3-Dichlorobenzene	7.45	146	1137329	153.241	ng	98
13) 1,4-Dichlorobenzene	7.59	146	1084179	145.284	ng	98
14) 1,2-Dichlorobenzene	7.90	146	875467	122.088	ng	99
18) Hexachloroethane	8.62	117	217174	72.622	ng	93
19) n-Nitroso-di-n-propylamine	8.36	70	884903	140.585	ng	98
24) Nitrobenzene	8.74	77	474893	56.051	ng	99
25) Isophorone	9.27	82	2112455	147.544	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	987954	120.278	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	1017401	137.782	ng	99
31) Naphthalene	10.37	128	1601723	86.000	ng	100
34) Hexachlorobutadiene	10.67	225	497805	99.764	ng	98
41) Hexachlorocyclopentadiene	12.36	237	319802	60.173	ng	98
47) 2-Chloronaphthalene	13.06	162	2161427	153.558	ng	100
48) 2-Nitroaniline	13.27	65	625374	145.299	ng	100
49) Acenaphthylene	13.92	152	2046022	95.952	ng	100
50) Dimethylphthalate	13.67	163	2393158	129.806	ng	100
52) Acenaphthene	14.26	154	1994624	150.776	ng	99
55) Dibenzofuran	14.60	168	2445336	109.276	ng	99
57) 2,4-Dinitrotoluene	14.57	165	972902	178.778	ng	99
58) Fluorene	15.25	166	862000	45.892	ng	98
60) Diethylphthalate	15.04	149	1752674	92.426	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	1573387	152.480	ng	98
68) Hexachlorobenzene	16.26	284	746309	101.895	ng	98
71) Phenanthrene	16.99	178	1710421	57.879	ng	99
75) Fluoranthene	19.01	202	2562229	71.474	ng	99
80) Butylbenzylphthalate	20.30	149	2415848	137.177	ng	99
81) Benzo(a)anthracene	21.13	228	2451688	63.957	ng	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	1606782	75.547	ng	99
88) Benzo(b)fluoranthene	22.67	252	3266777	79.217	ng	100
89) Benzo(k)fluoranthene	22.72	252	2993177	75.078	ng	100
92) Benzo(a,h,i)perylene	26.13	276	3303279	100.941	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:41:16 2020
Response via : Initial Calibration

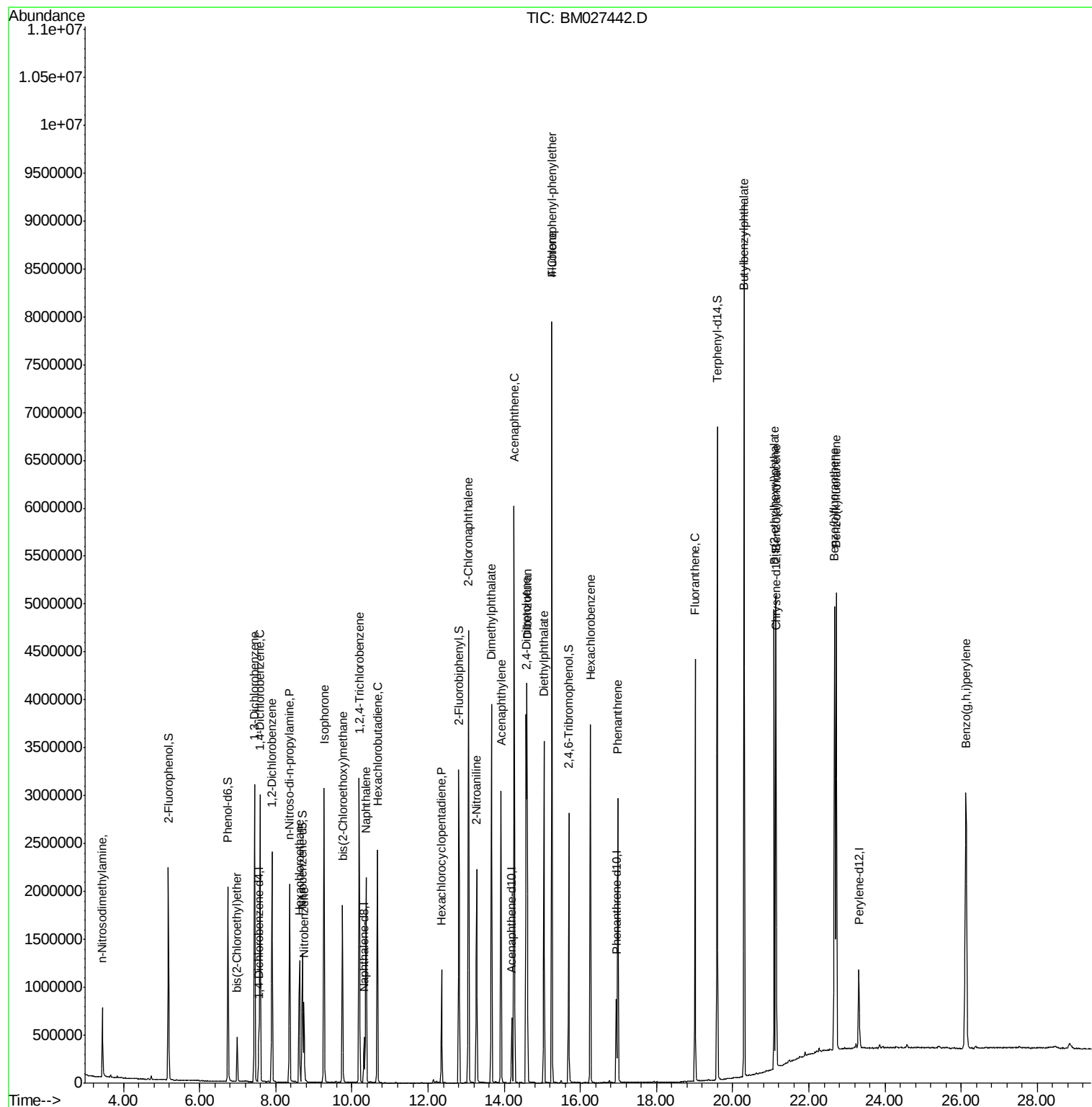
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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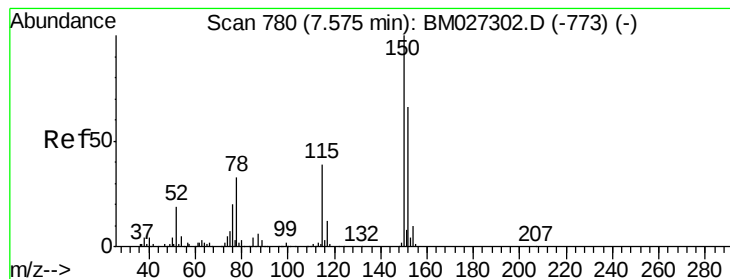
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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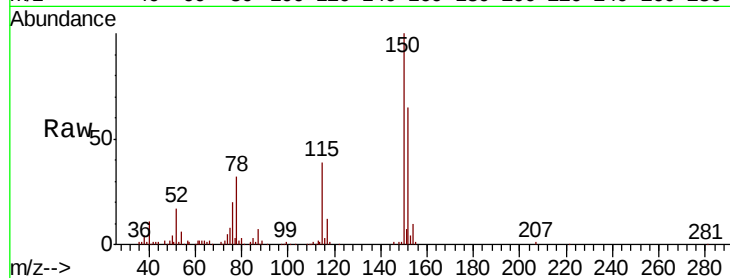


#1

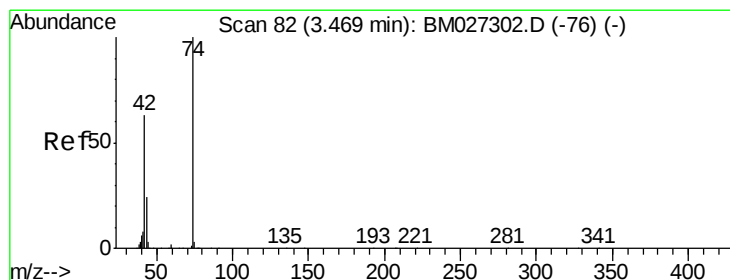
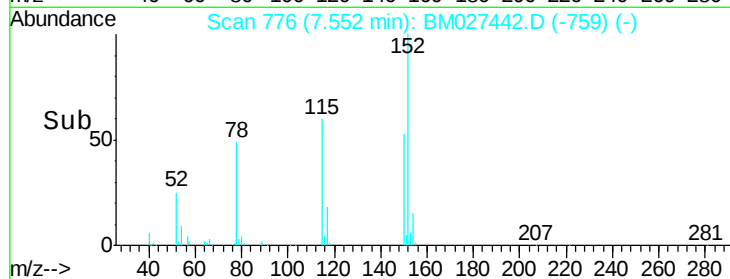
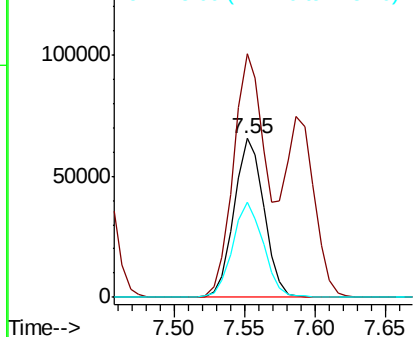
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 776
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

Tot Ion:152 Resp: 97514
Ion Ratio Lower Upper
152 100
150 153.1 120.6 181.0
115 60.1 47.2 70.8



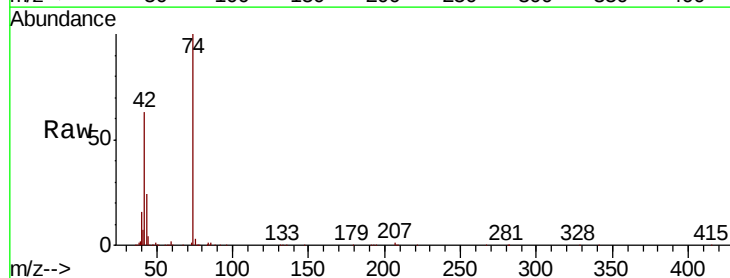
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



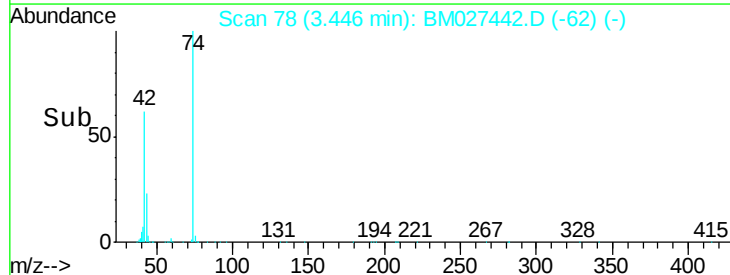
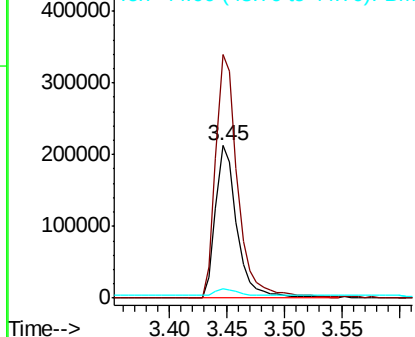
#4

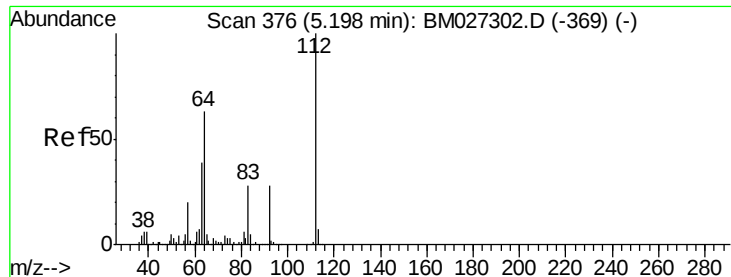
n-Nitrosodimethylamine
Concen: 96.344 ng
RT: 3.45 min Scan# 78
Delta R.T. -0.01 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Tgt Ion: 42 Resp: 275841
Ion Ratio Lower Upper
42 100
74 159.9 127.8 191.6
44 6.1 4.1 6.1#



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: 138.078 ng

RT: 5.18 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

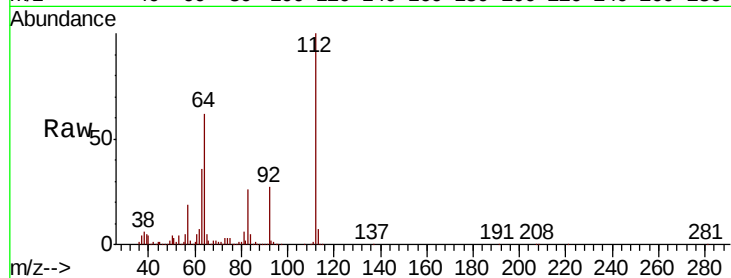
Tot Ion:112 Resp: 808746

Ion Ratio Lower Upper

112 100

64 62.3 50.6 76.0

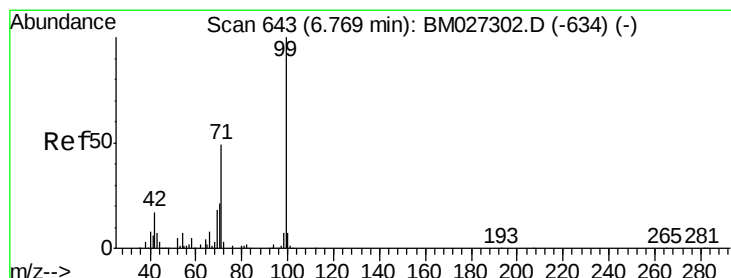
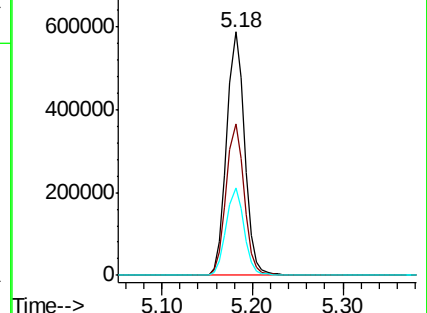
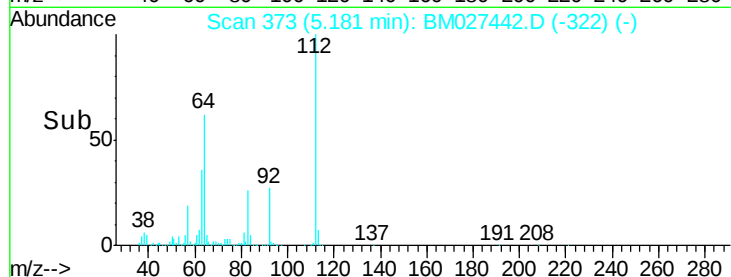
63 35.9 31.0 46.6



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



#7

Phenol-d6

Concen: 130.012 ng

RT: 6.75 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

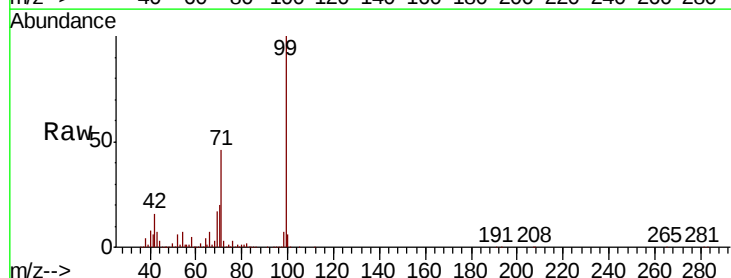
Tgt Ion: 99 Resp: 1027619

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

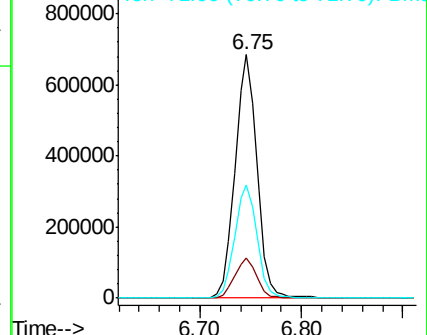
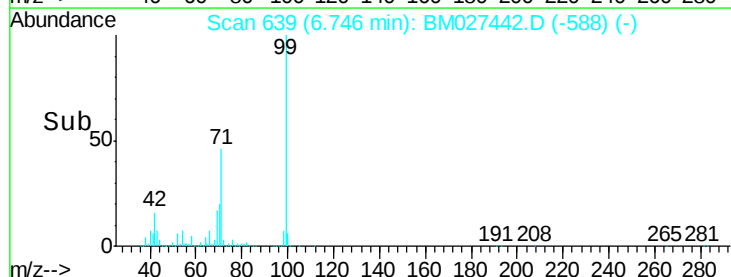
71 46.3 39.4 59.0

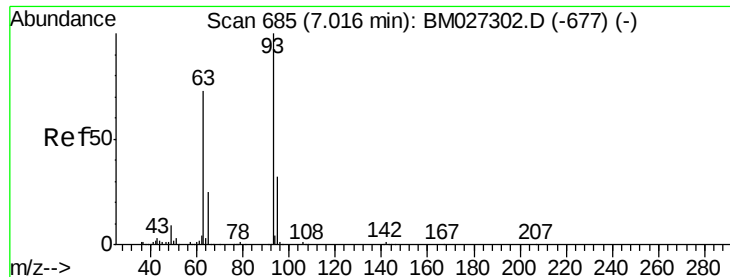


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM

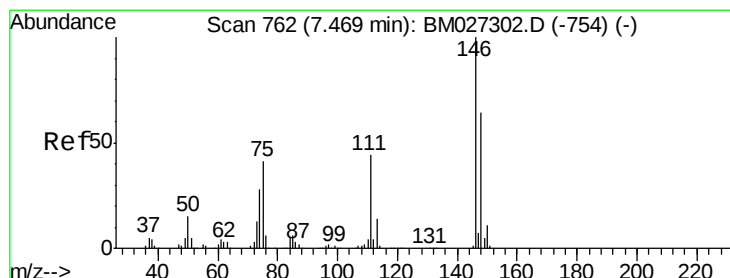
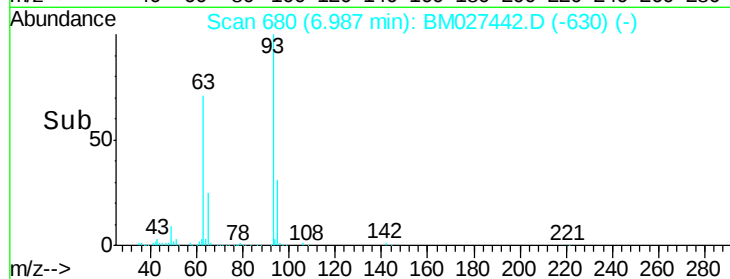
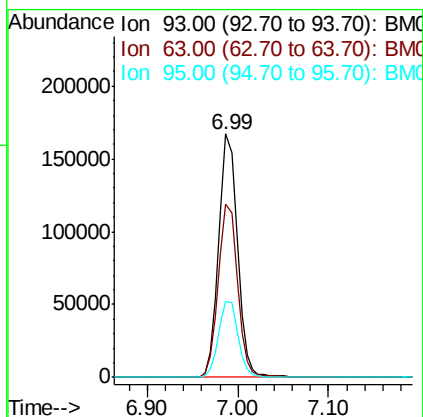
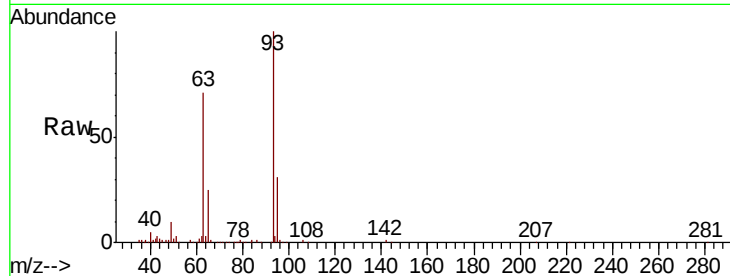




#11
bis(2-Chloroethyl)ether
Concen: 37.680 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

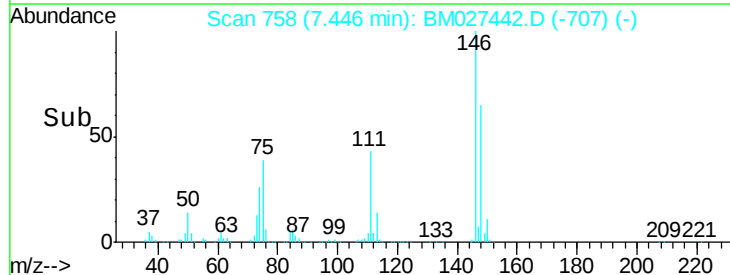
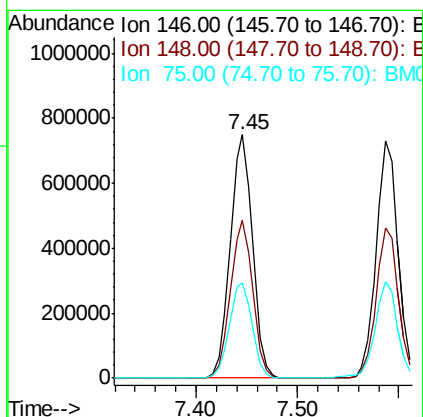
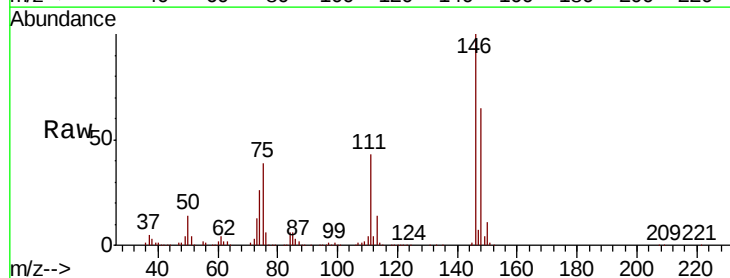
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

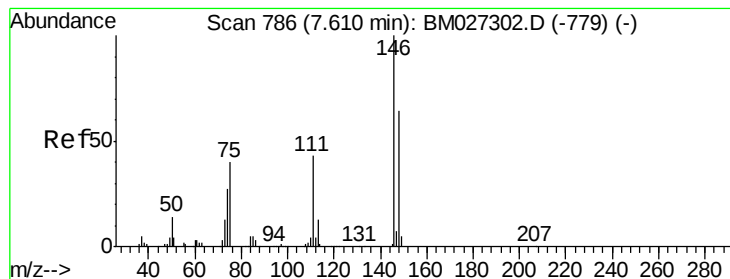
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	53.1	93.1
95	31.3	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 153.241 ng
RT: 7.45 min Scan# 758
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
75	39.3	33.0	49.6





#13

1,4-Dichlorobenzene

Concen: 145.284 ng

RT: 7.59 min Scan# 782

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

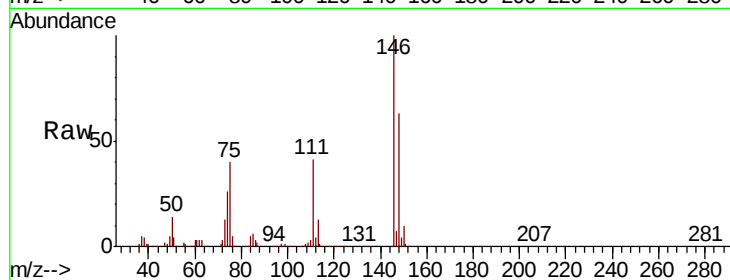
Tot Ion:146 Resp: 1084179

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.0

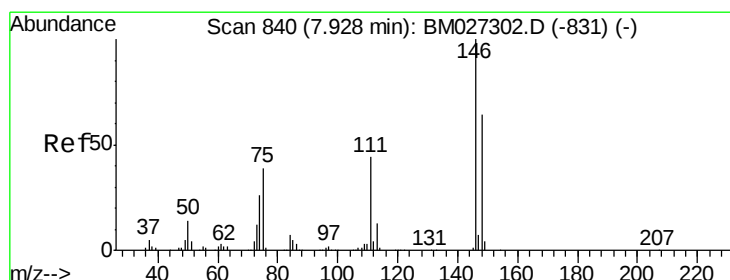
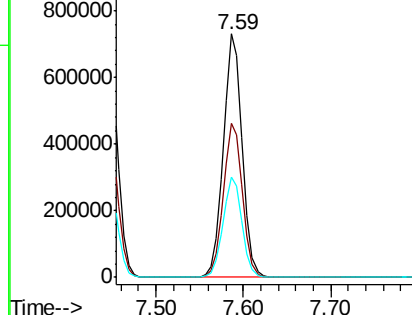
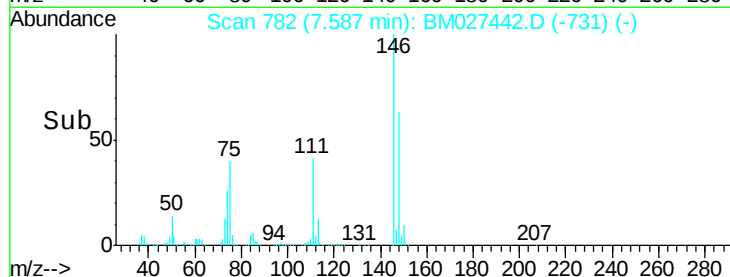
111 41.0 34.4 51.6



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: 122.088 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

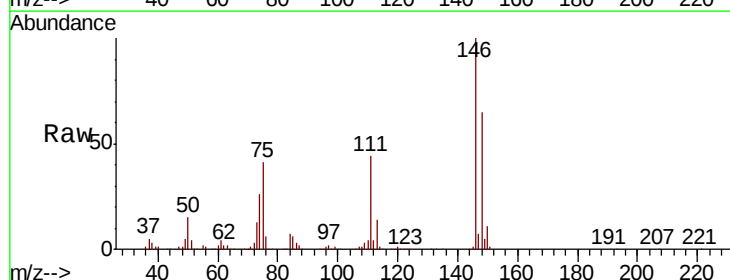
Tgt Ion:146 Resp: 875467

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

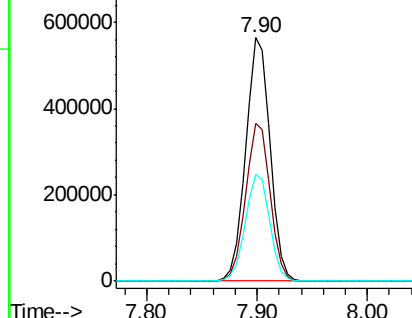
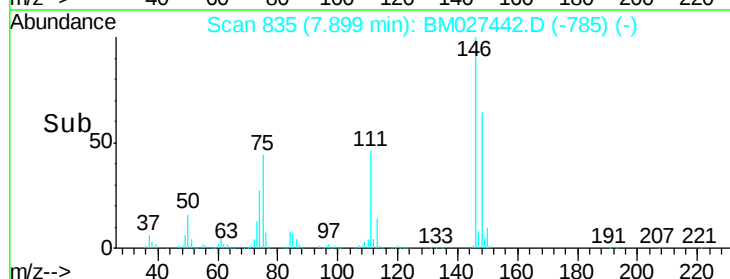
111 43.6 35.4 53.0

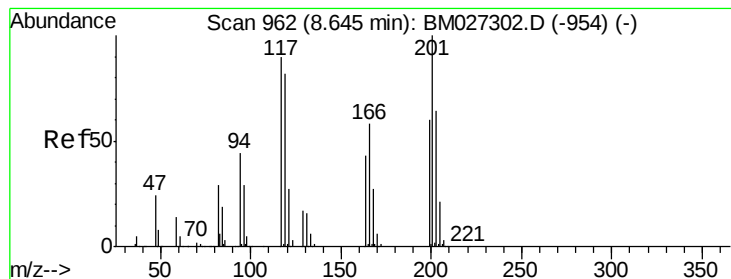


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#18

Hexachloroethane

Concen: 72.622 ng

RT: 8.62 min Scan# 958

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

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ClientSampleId :

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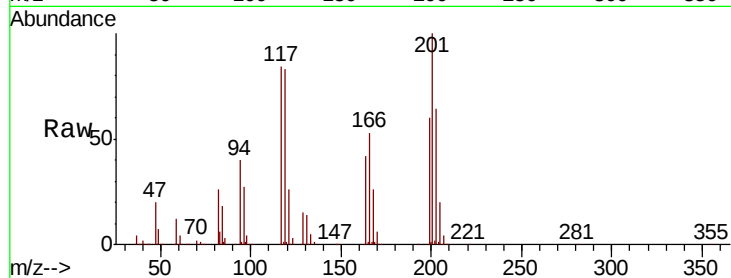
Tot Ion:117 Resp: 217174

Ion Ratio Lower Upper

117 100

119 98.1 73.1 109.7

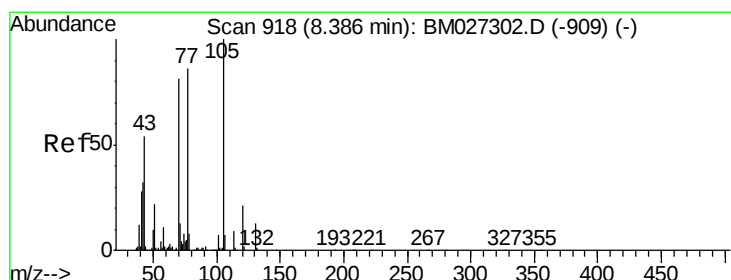
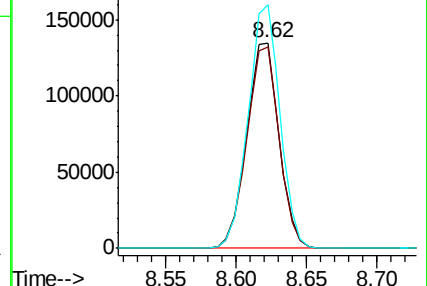
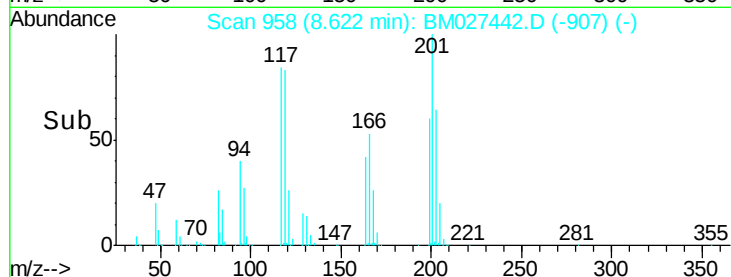
201 118.4 88.7 133.1



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 140.585 ng

RT: 8.36 min Scan# 914

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Tgt Ion: 70 Resp: 884903

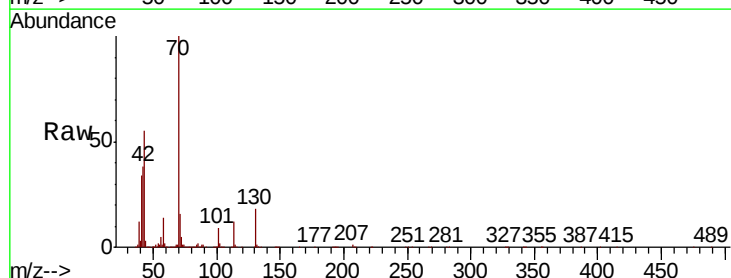
Ion Ratio Lower Upper

70 100

42 38.2 31.9 47.9

101 8.6 7.0 10.4

130 17.5 13.4 20.0

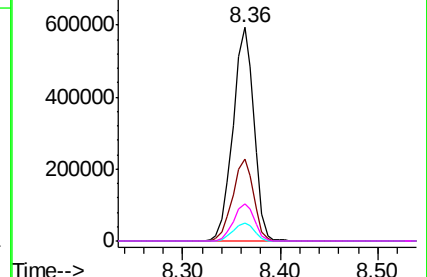
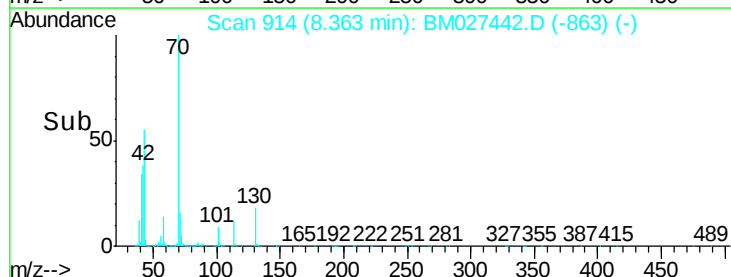


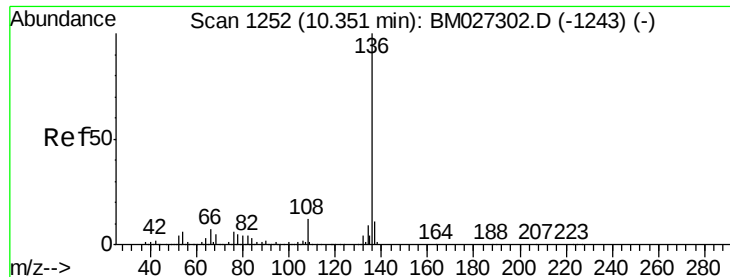
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

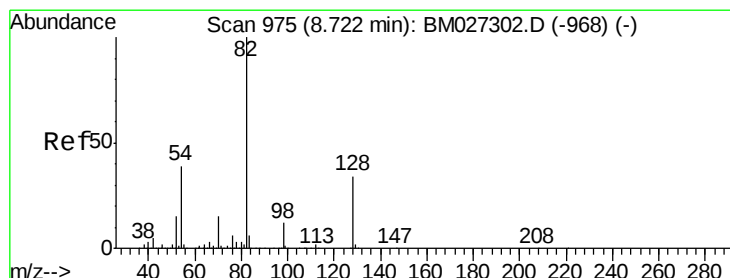
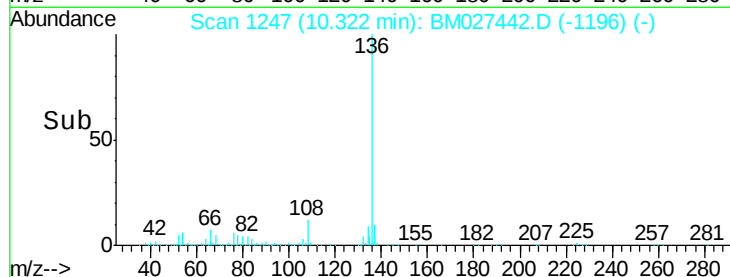
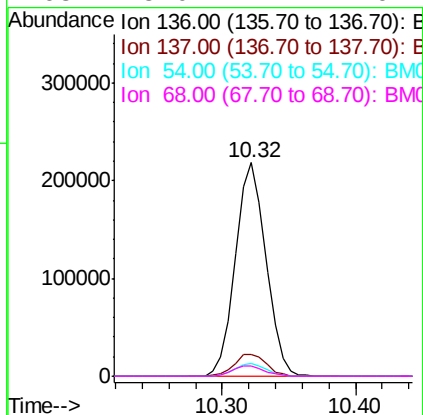
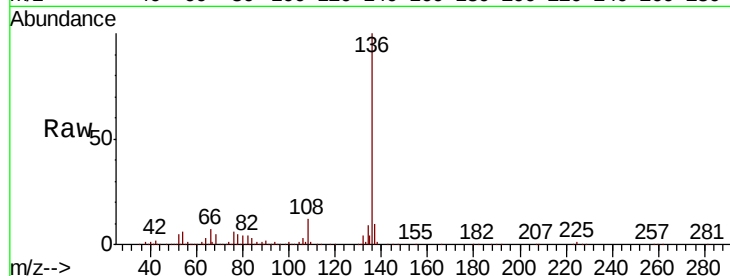




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

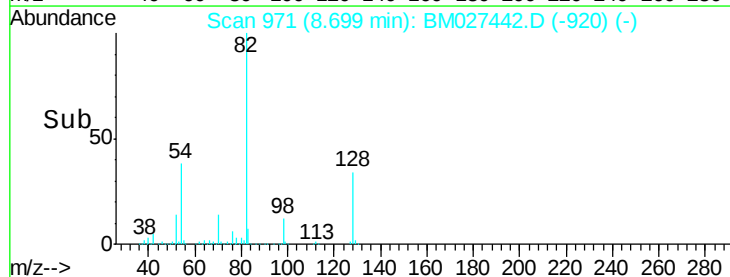
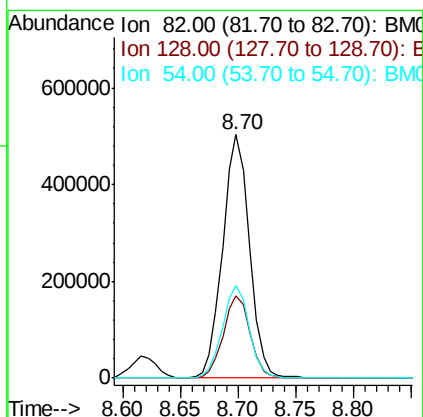
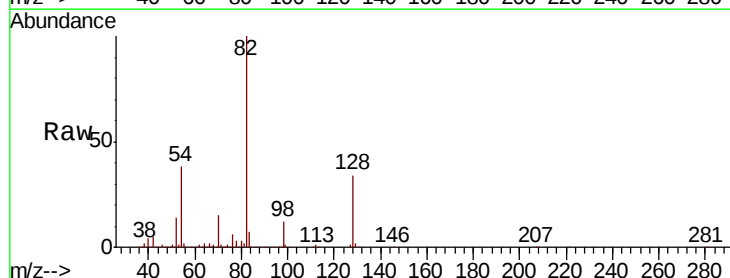
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

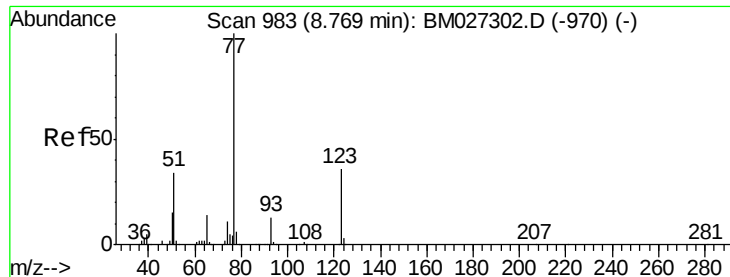
Tot Ion:136	Resp:	347688
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.6	12.8
54 6.0	4.6	7.0
68 5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 99.281 ng
RT: 8.70 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Tgt	Ion: 82	Resp:	807998
Ion	Ratio	Lower	Upper
82	100		
128	34.1	27.4	41.0
54	37.9	31.4	47.0

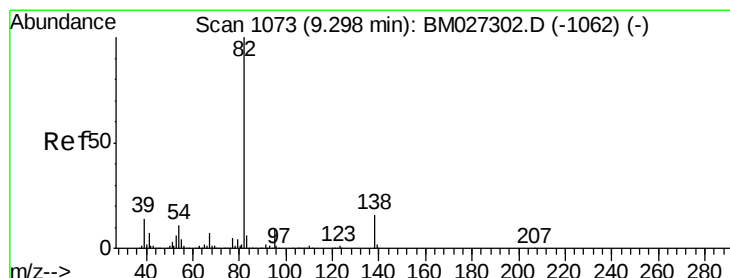
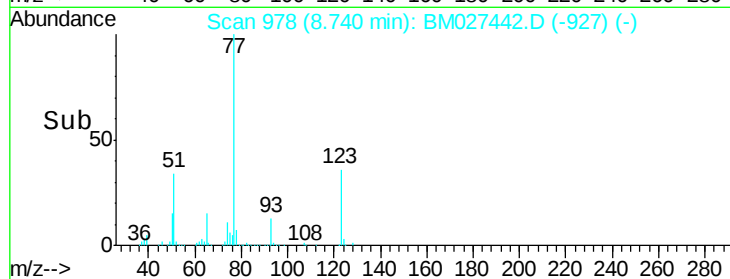
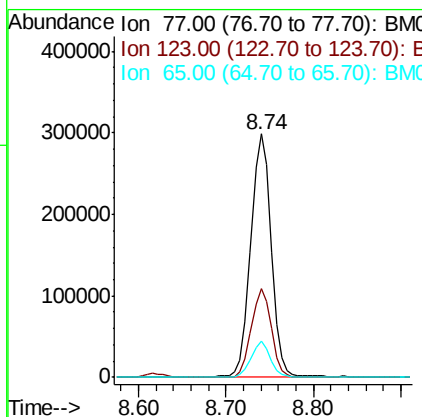
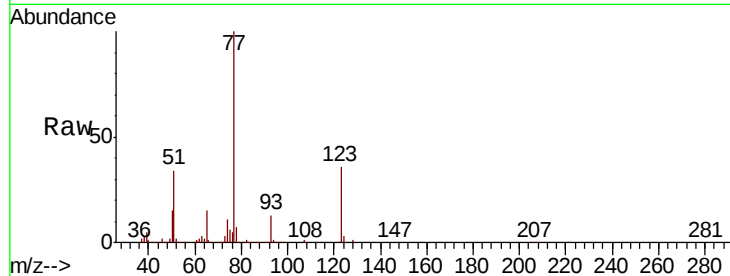




#24
 Nitrobenzene
 Concen: 56.051 ng
 RT: 8.74 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

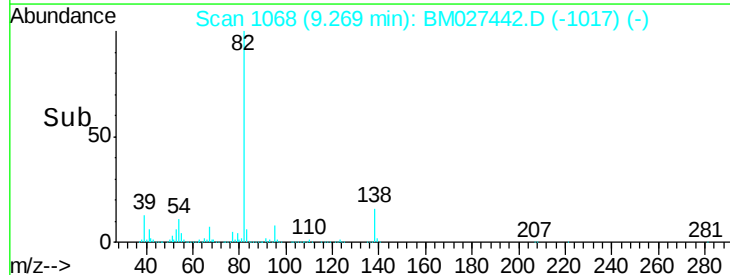
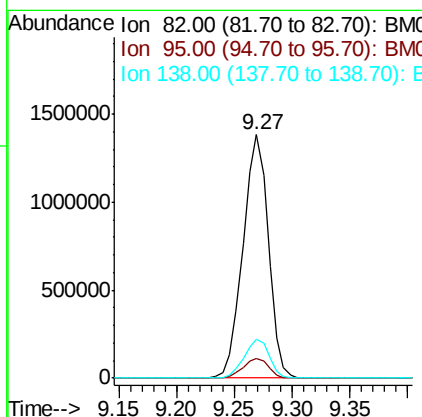
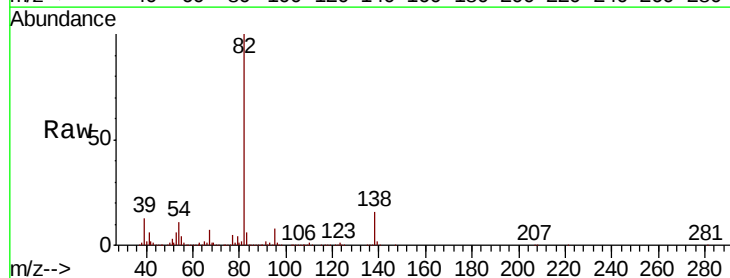
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

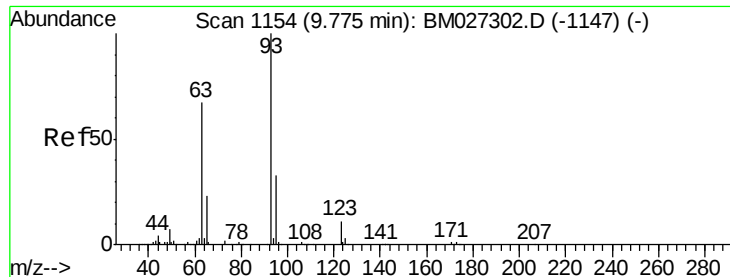
Tot Ion	Ratio	Lower	Upper
77	100		
123	36.3	29.1	43.7
65	14.7	11.3	16.9



#25
 Isophorone
 Concen: 147.544 ng
 RT: 9.27 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.8	10.2
138	15.7	13.1	19.7

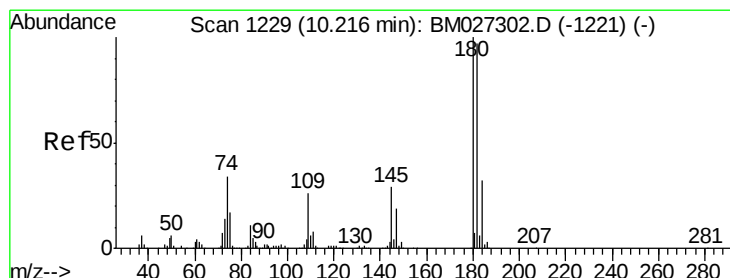
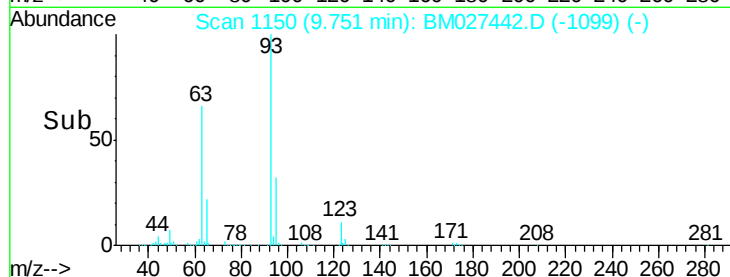
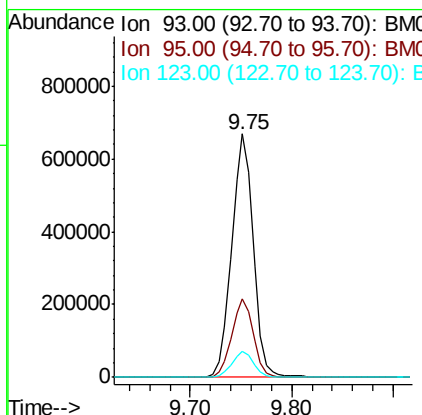
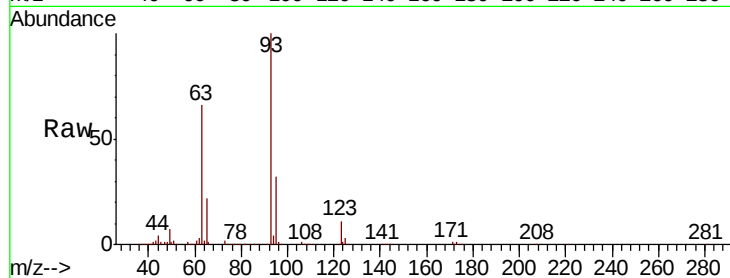




#28
bis(2-Chloroethoxy)methane
Concen: 120.278 ng
RT: 9.75 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

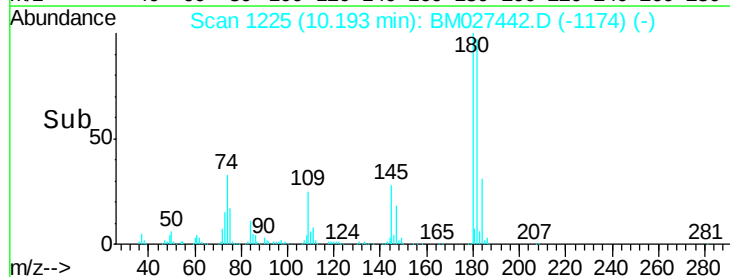
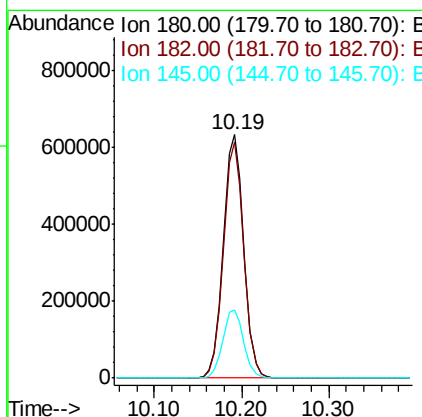
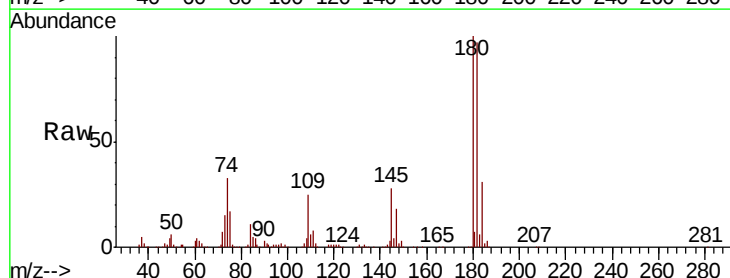
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

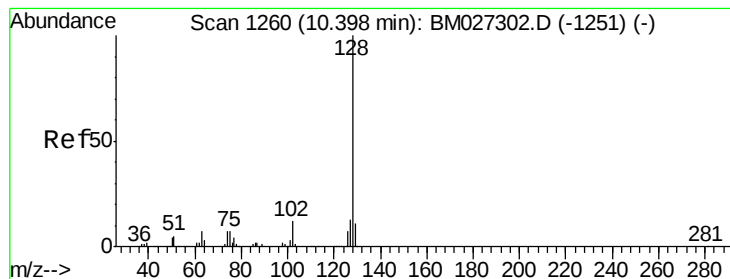
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	10.6	8.6	12.8



#30
1,2,4-Trichlorobenzene
Concen: 137.782 ng
RT: 10.19 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.7	116.5
145	28.3	23.4	35.0





#31

Naphthalene

Concen: 86.000 ng

RT: 10.37 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

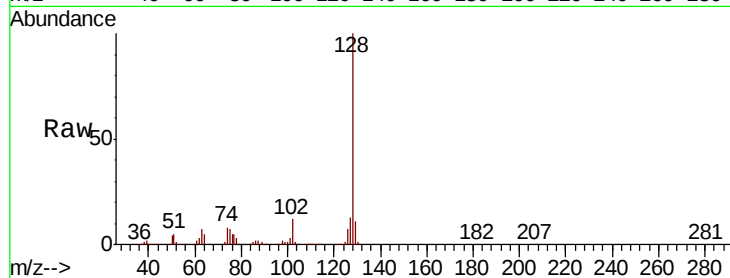
Tot Ion:128 Resp: 1601723

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

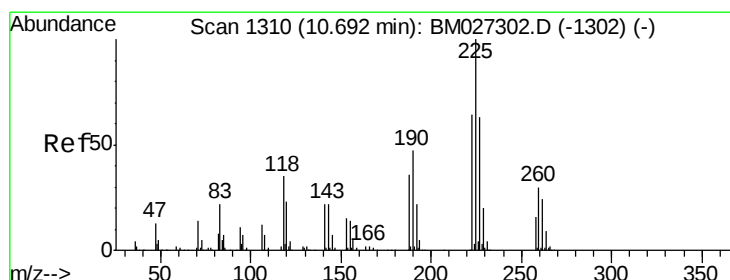
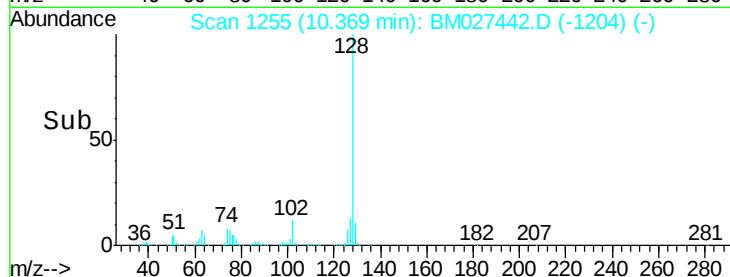
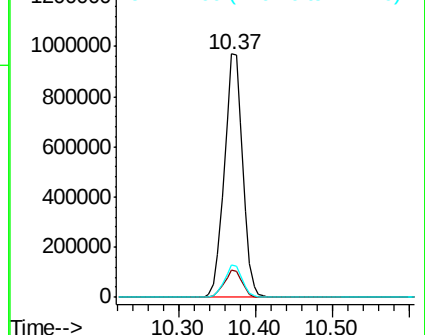
127 13.1 10.6 15.8



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



#34

Hexachlorobutadiene

Concen: 99.764 ng

RT: 10.67 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

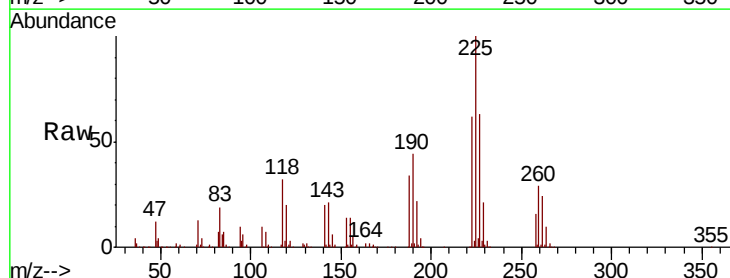
Tgt Ion:225 Resp: 497805

Ion Ratio Lower Upper

225 100

223 61.6 51.0 76.4

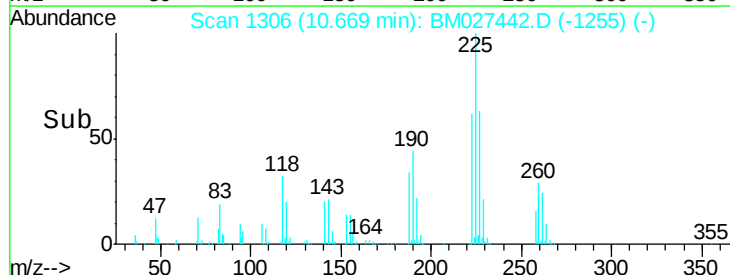
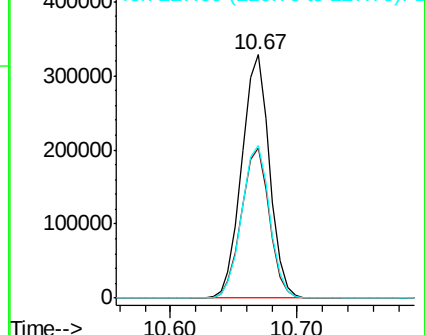
227 62.7 50.6 75.8

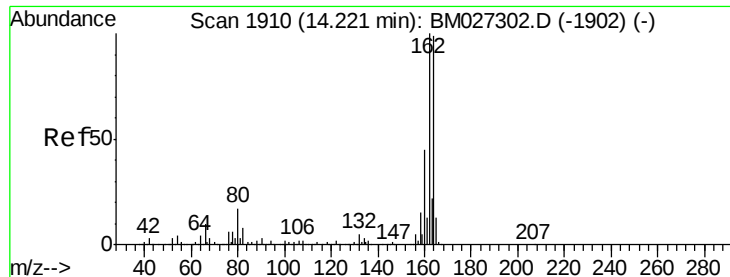


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

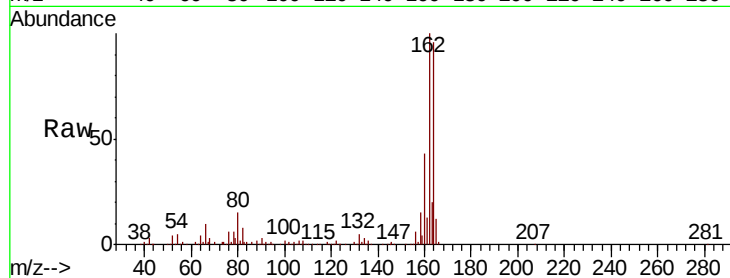
Tot Ion:164 Resp: 224303

Ion Ratio Lower Upper

164 100

162 104.0 80.4 120.6

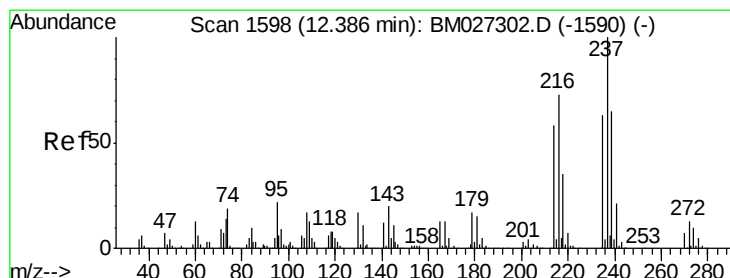
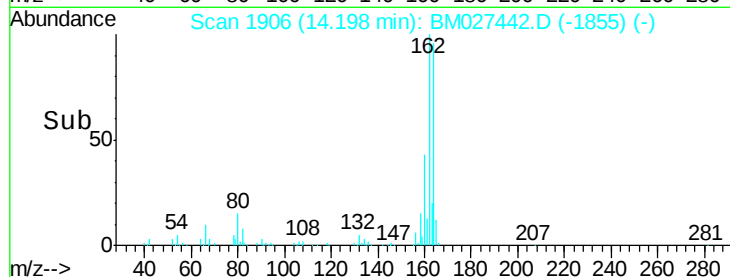
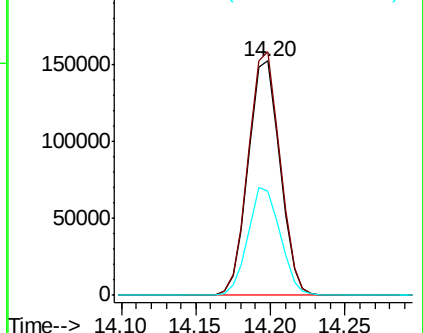
160 44.3 35.9 53.9



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



#41

Hexachlorocyclopentadiene

Concen: 60.173 ng

RT: 12.36 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

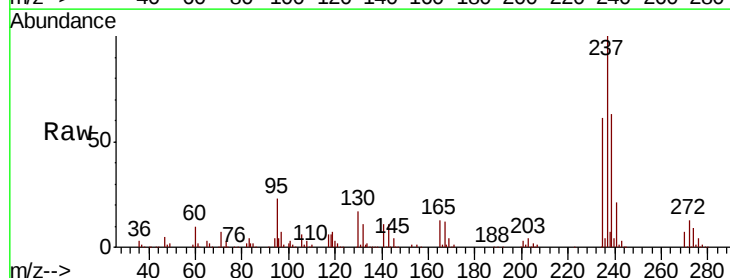
Tgt Ion:237 Resp: 319802

Ion Ratio Lower Upper

237 100

235 60.9 43.1 83.1

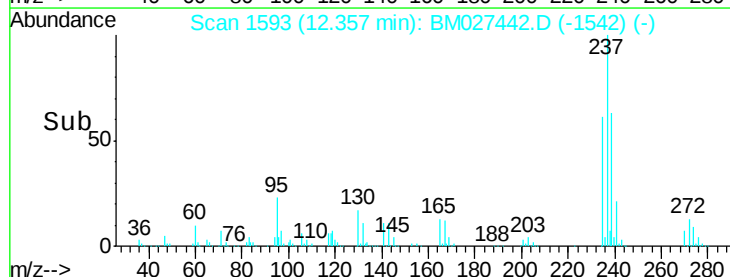
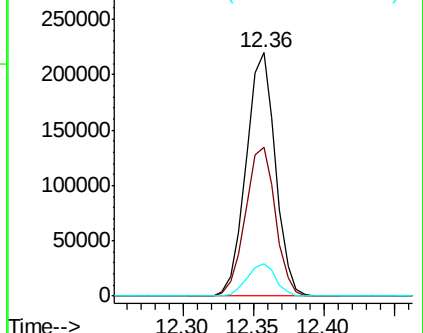
272 13.1 0.0 33.0

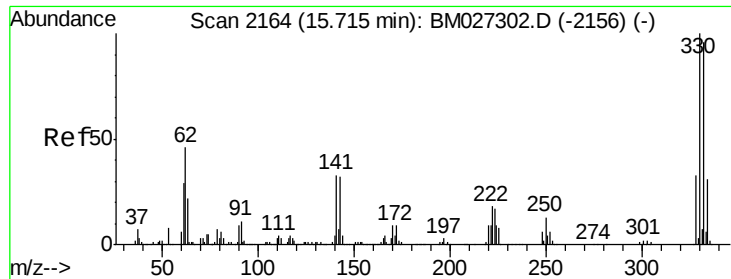


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

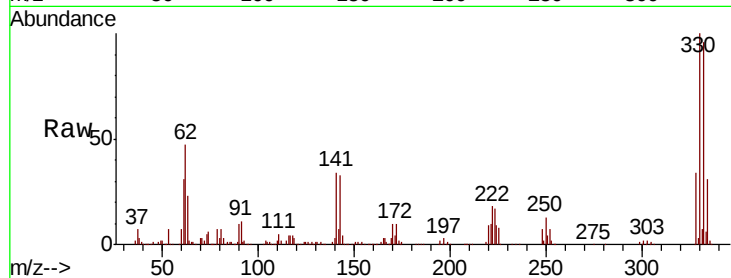




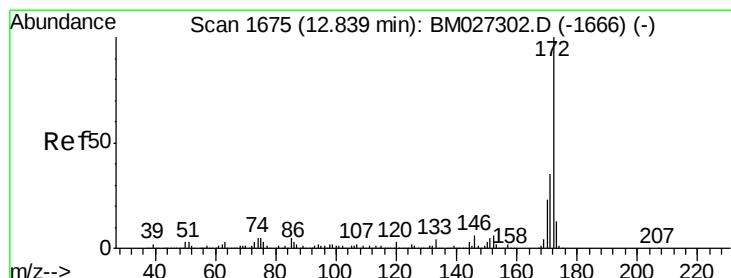
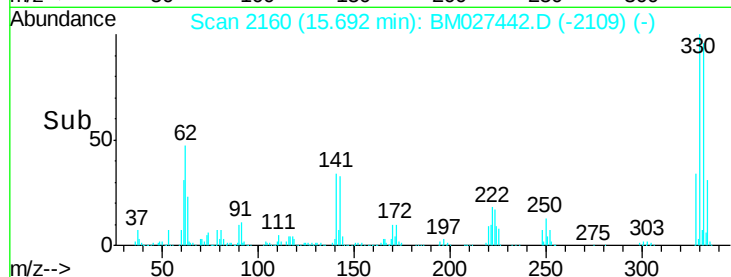
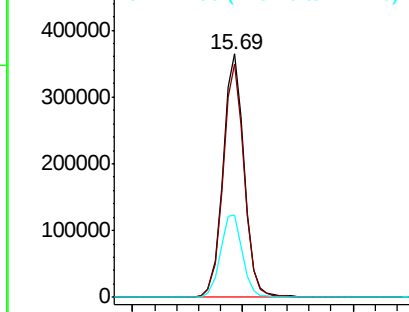
#42
 2,4,6-Tribromophenol
 Concen: 124.134 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Tot Ion:330 Resp: 488201
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.8
 141 35.6 28.4 42.6

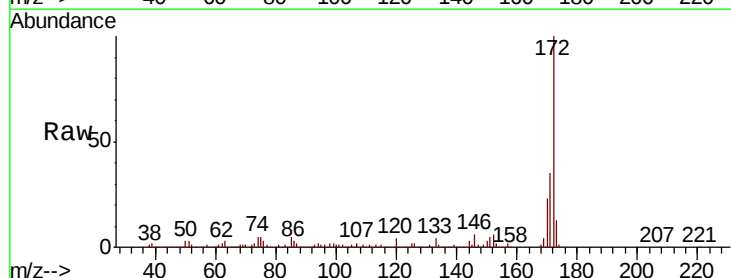


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

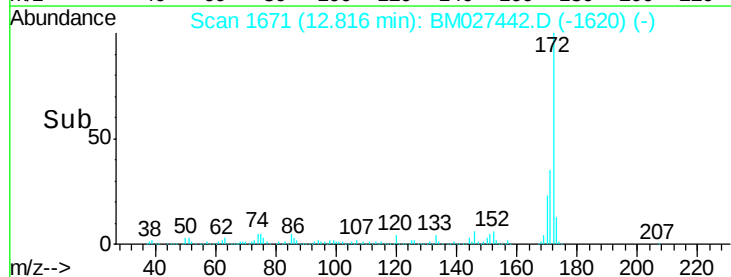
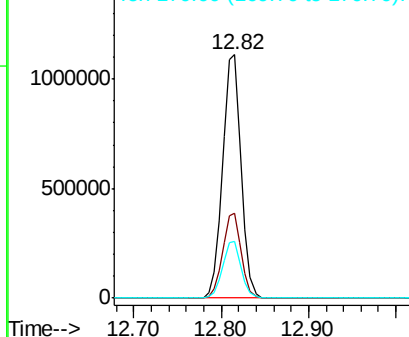


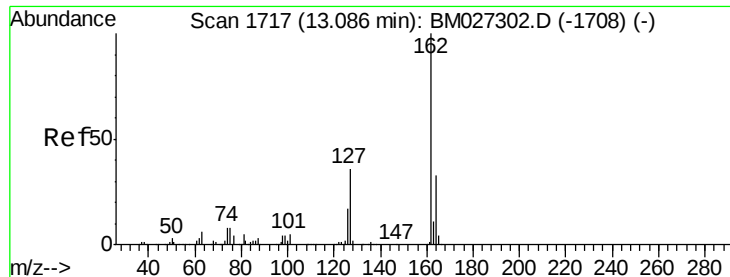
#45
 2-Fluorobiphenyl
 Concen: 96.585 ng
 RT: 12.82 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:172 Resp: 1629024
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.8
 170 23.2 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



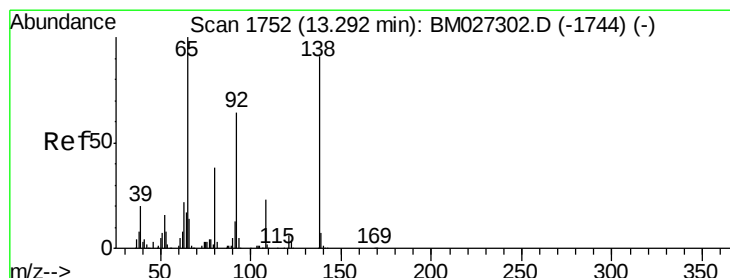
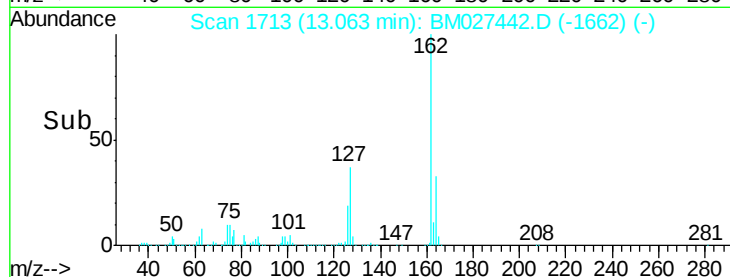
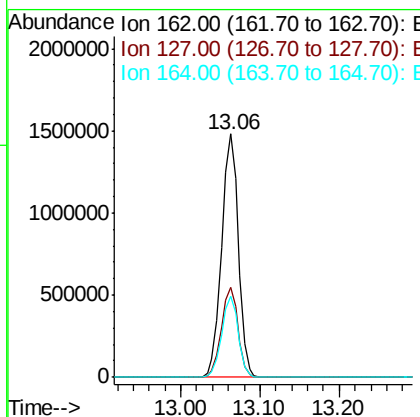
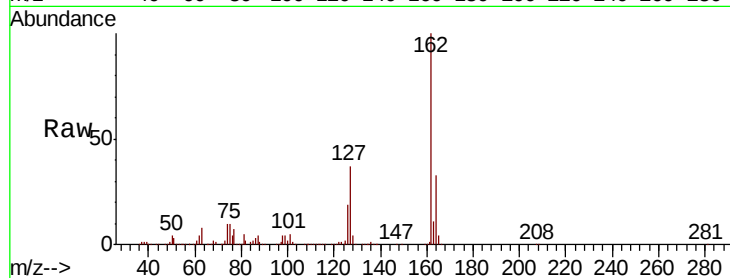


#47
 2-Chloronaphthalene
 Concen: 153.558 ng
 RT: 13.06 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Tot Ion:162 Resp: 2161427

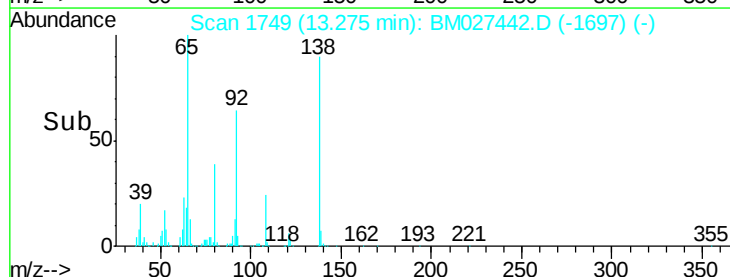
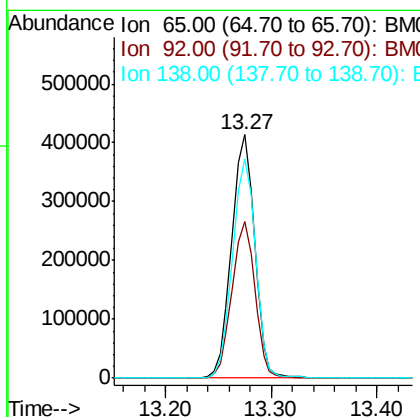
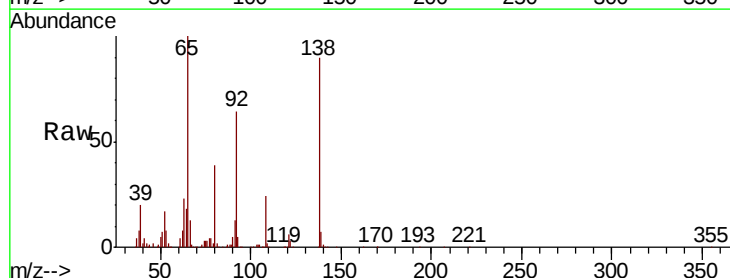
Ion	Ratio	Lower	Upper
162	100		
127	37.1	29.6	44.4
164	33.2	26.2	39.4

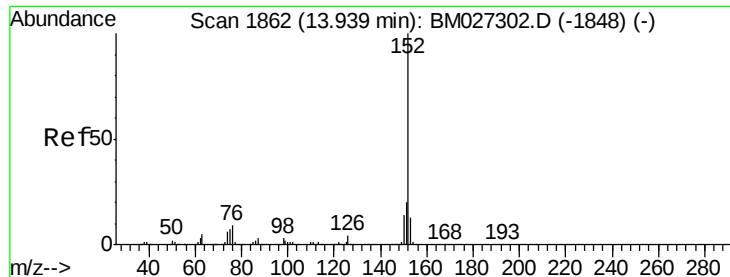


#48
 2-Nitroaniline
 Concen: 145.299 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. 0.01 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Tgt Ion: 65 Resp: 625374

Ion	Ratio	Lower	Upper
65	100		
92	64.2	51.5	77.3
138	90.2	72.7	109.1





#49

Acenaphthylene

Concen: 95.952 ng

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

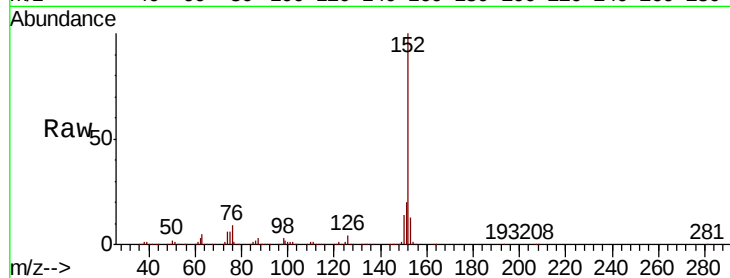
Tot Ion:152 Resp: 2046022

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

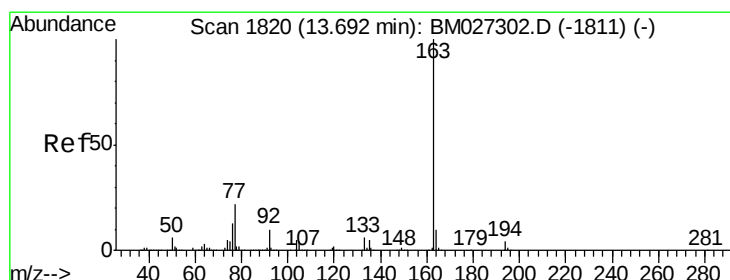
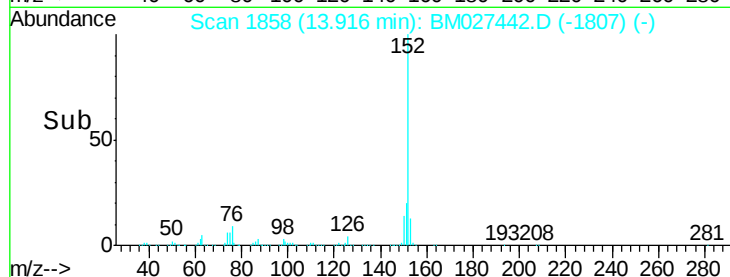
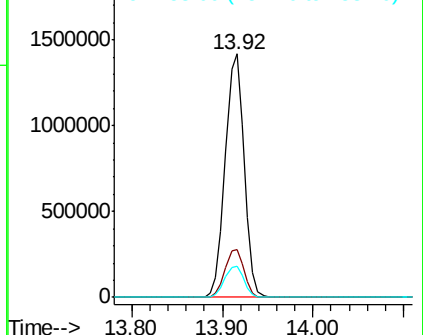
153 12.8 10.4 15.6



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: 129.806 ng

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

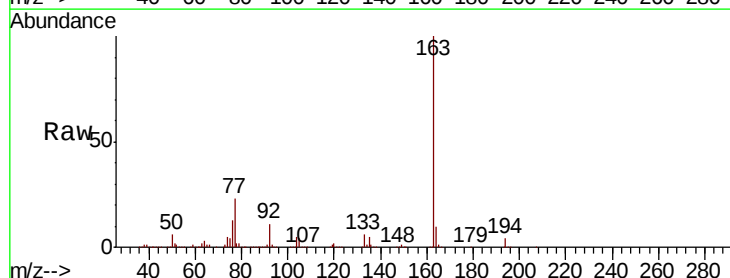
Tgt Ion:163 Resp: 2393158

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

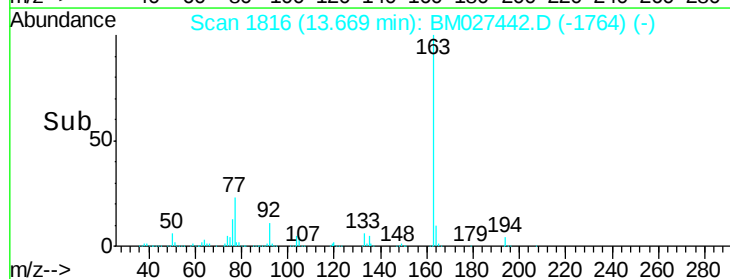
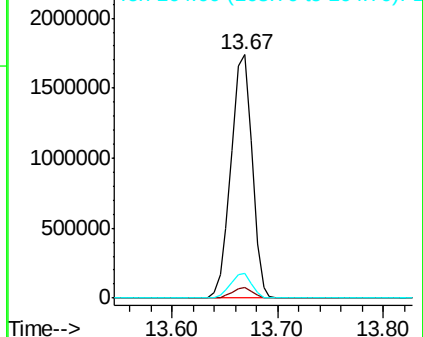
164 10.1 8.1 12.1

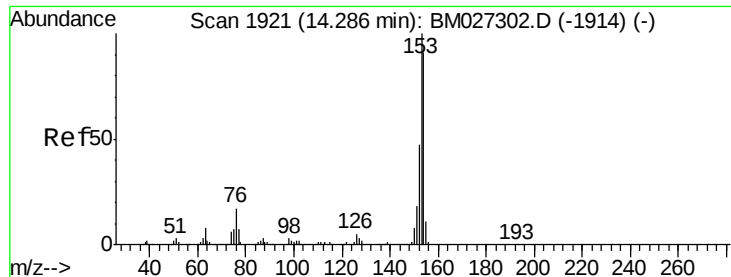


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 150.776 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

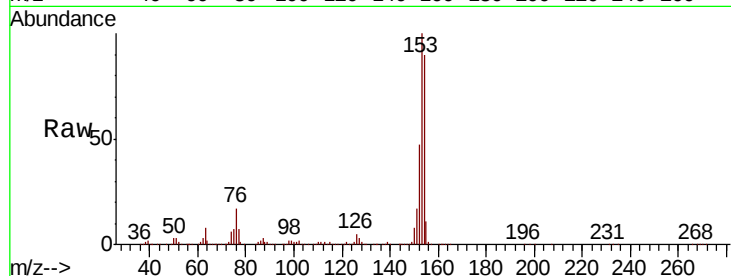
Tot Ion:154 Resp: 1994624

Ion Ratio Lower Upper

154 100

153 111.7 88.3 132.5

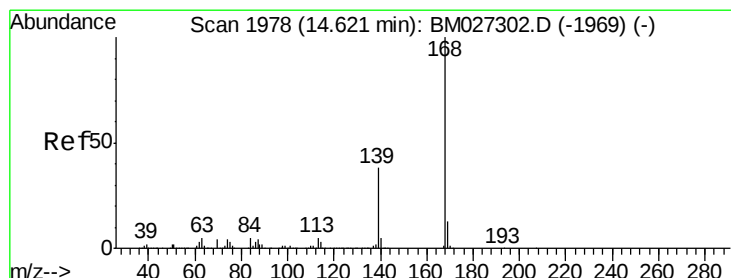
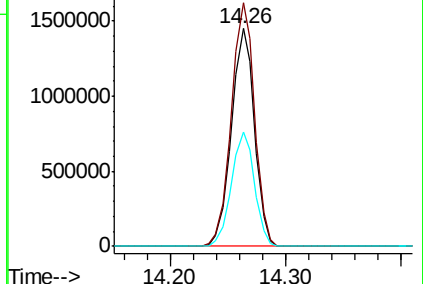
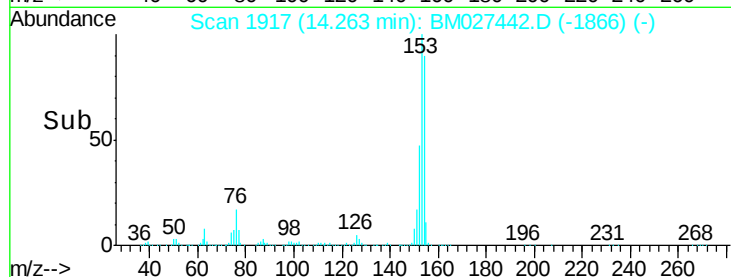
152 52.3 41.4 62.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 109.276 ng

RT: 14.60 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

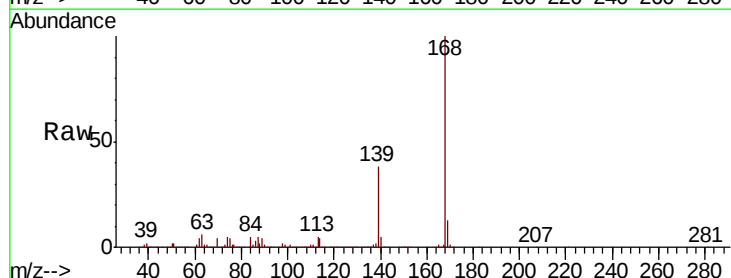
Tgt Ion:168 Resp: 2445336

Ion Ratio Lower Upper

168 100

139 38.2 30.2 45.4

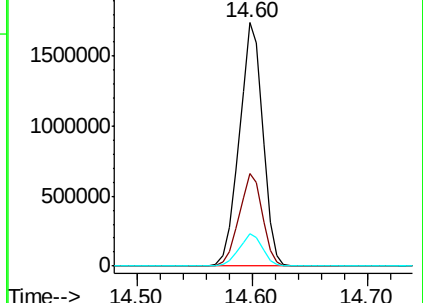
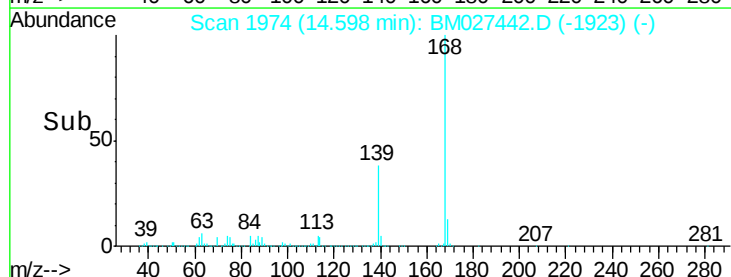
169 13.3 10.6 16.0

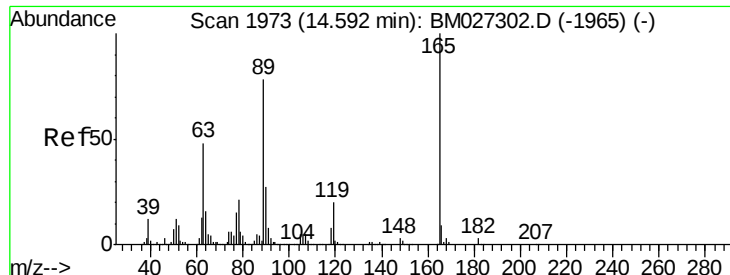


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

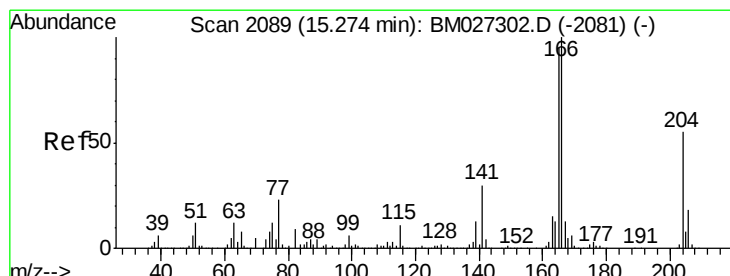
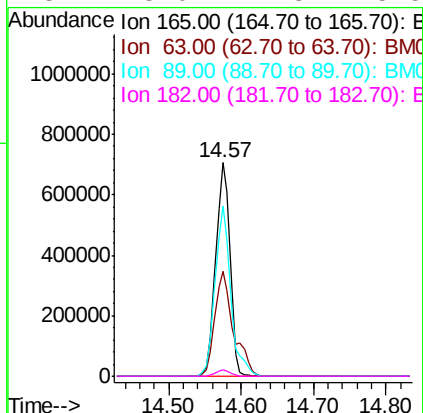
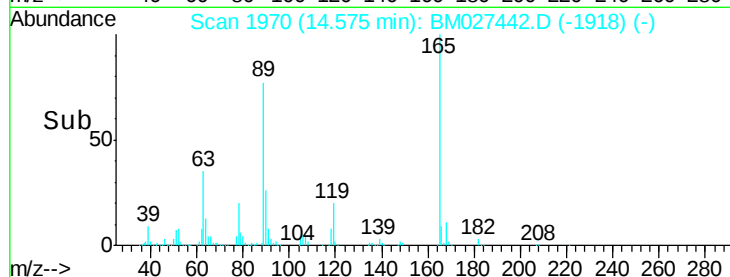
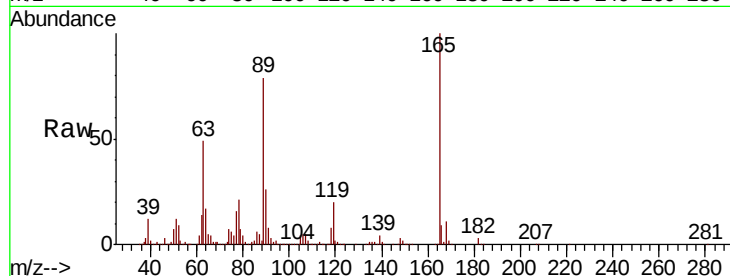




#57
 2,4-Dinitrotoluene
 Concen: 178.778 ng
 RT: 14.57 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

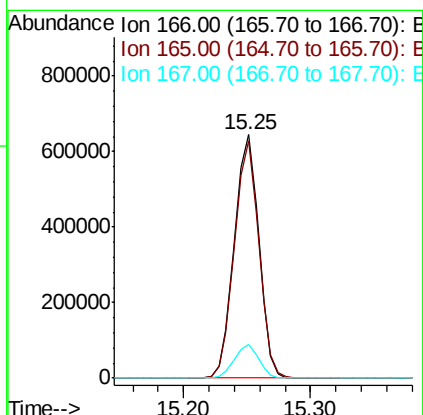
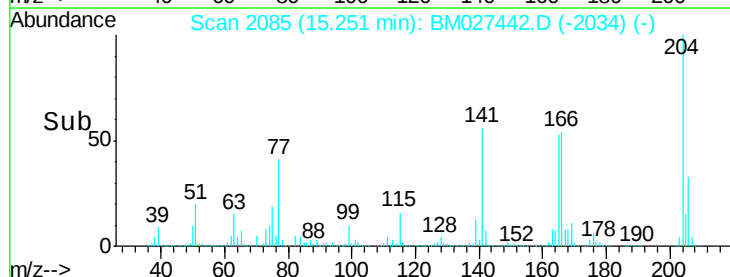
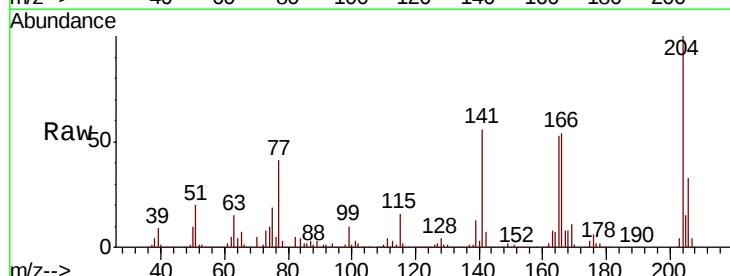
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

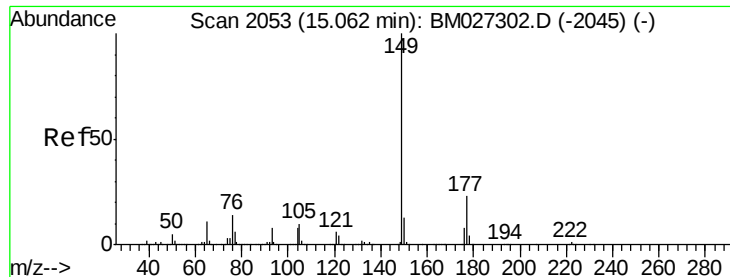
Tot Ion:165 Resp: 972902
 Ion Ratio Lower Upper
 165 100
 63 49.4 38.8 58.2
 89 79.4 62.6 94.0
 182 3.0 2.3 3.5



#58
 Fluorene
 Concen: 45.892 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:166 Resp: 862000
 Ion Ratio Lower Upper
 166 100
 165 97.4 76.2 114.2
 167 14.0 10.7 16.1

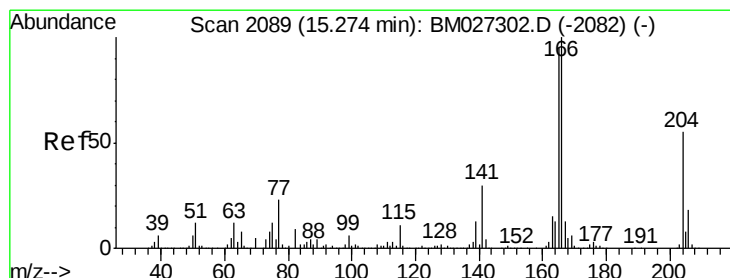
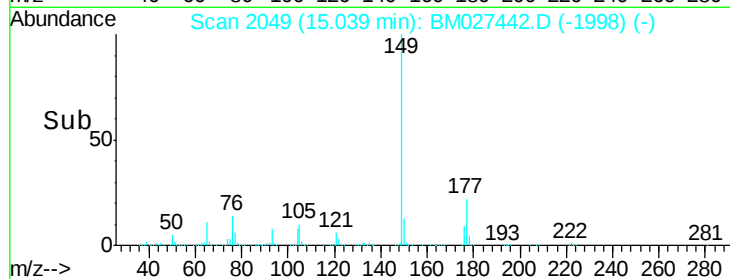
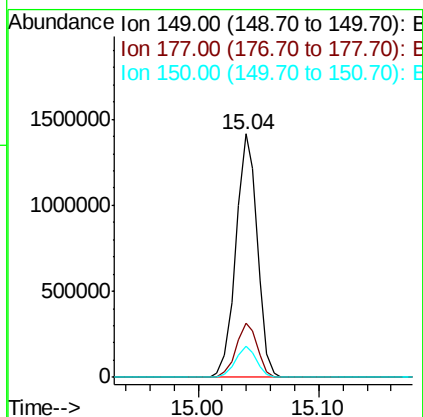
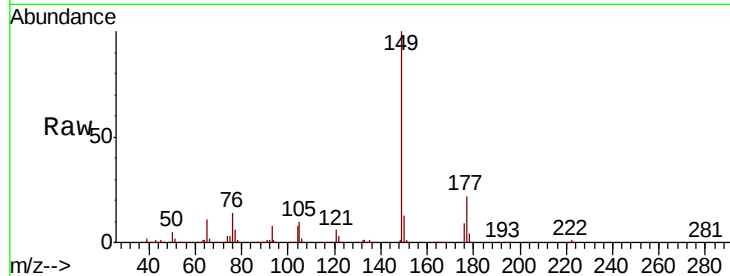




#60
Diethylphthalate
Concen: 92.426 ng
RT: 15.04 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

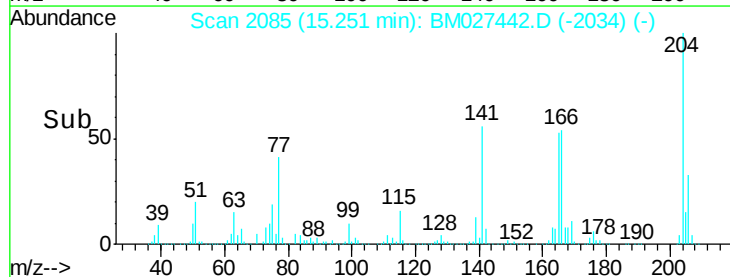
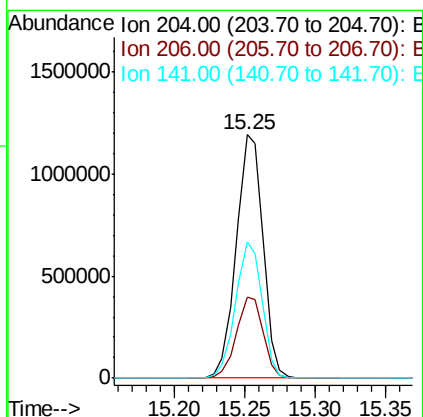
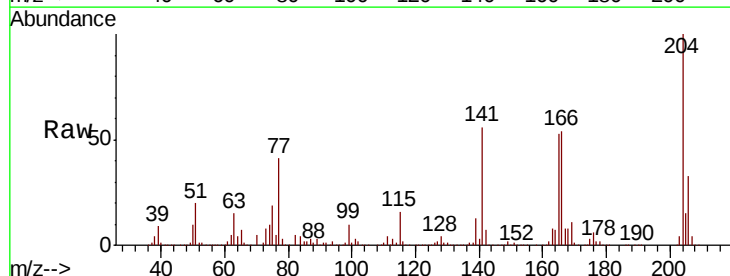
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

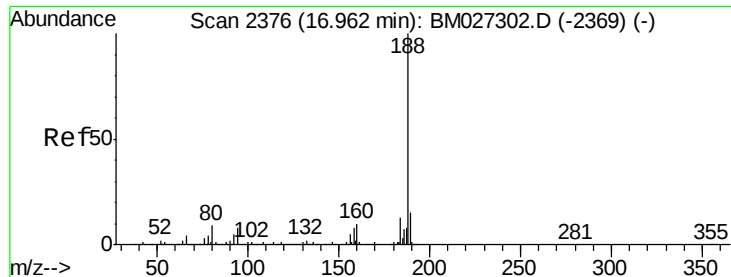
Tot Ion:149 Resp: 1752674
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.7 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 152.480 ng
RT: 15.25 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Tgt Ion:204 Resp: 1573387
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 56.0 43.7 65.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

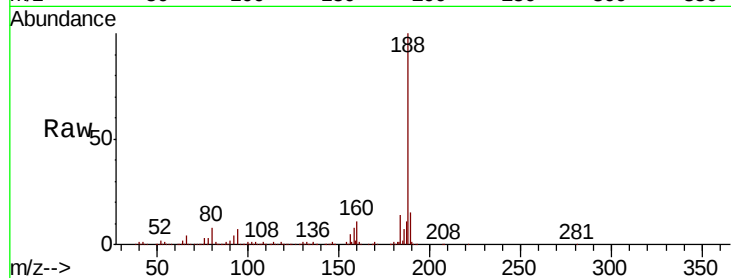
Tot Ion:188 Resp: 508214

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

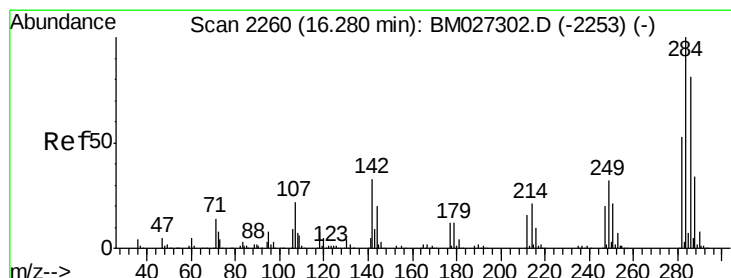
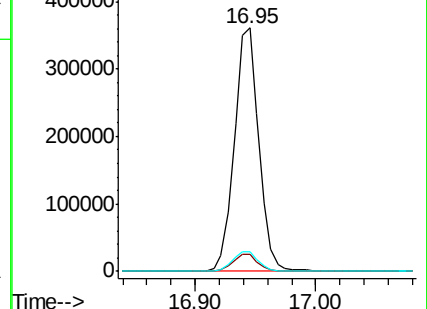
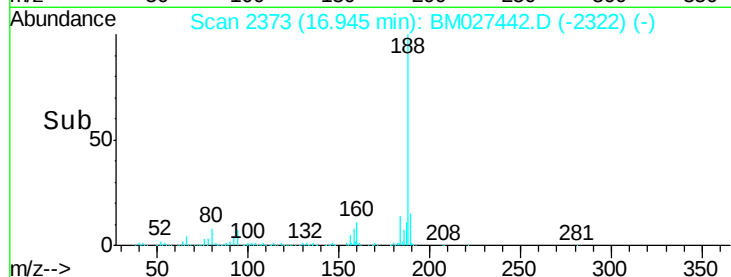
80 8.3 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#68

Hexachlorobenzene

Concen: 101.895 ng

RT: 16.26 min Scan# 2257

Delta R.T. 0.01 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

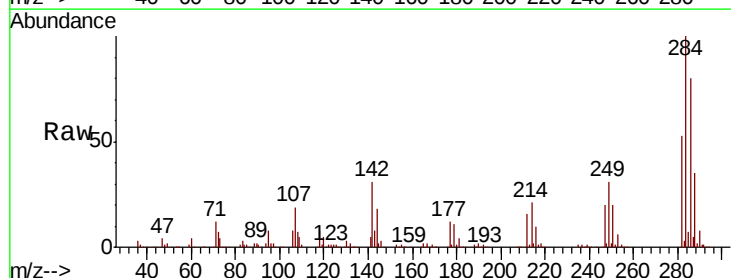
Tgt Ion:284 Resp: 746309

Ion Ratio Lower Upper

284 100

142 30.8 26.1 39.1

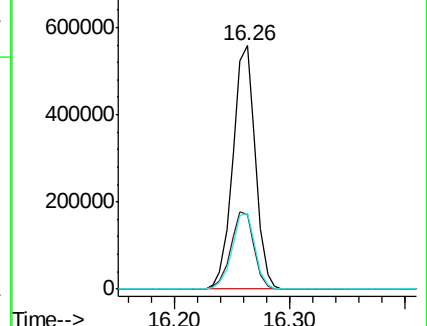
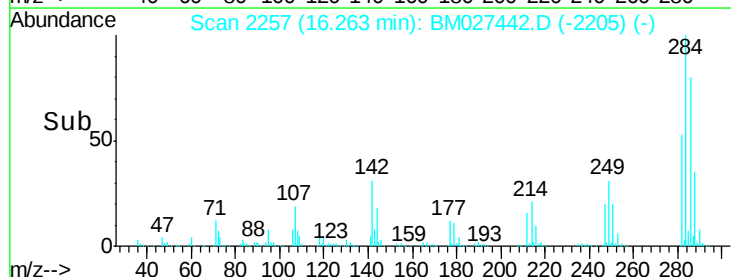
249 31.1 25.6 38.4

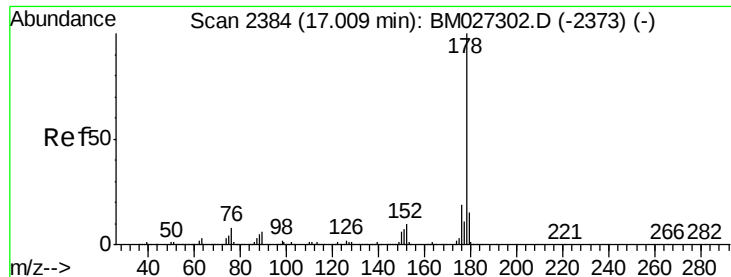


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

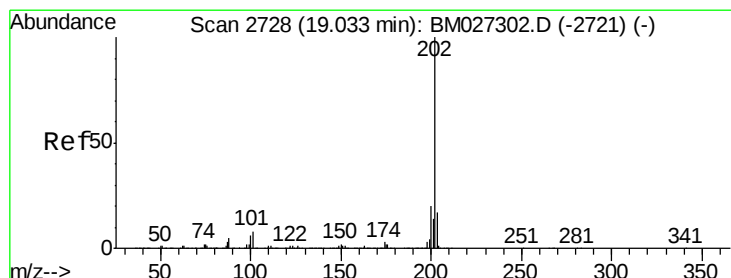
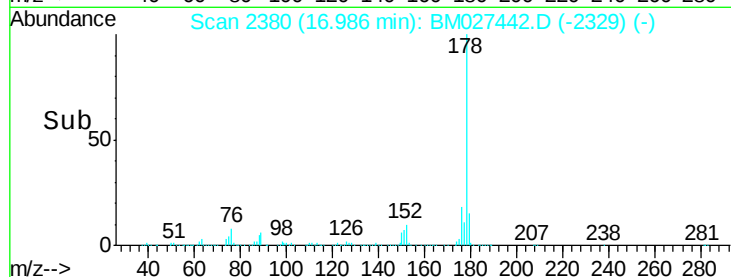
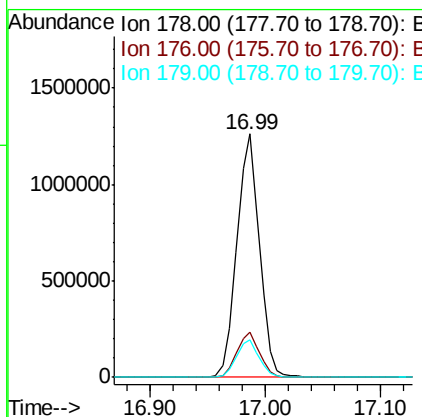
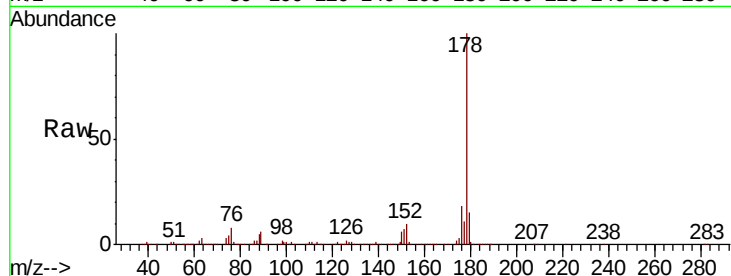




#71
Phenanthrene
Concen: 57.879 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

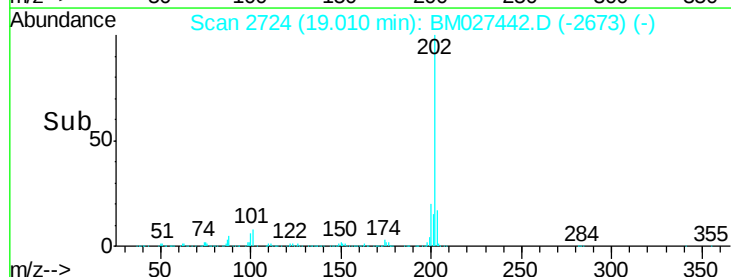
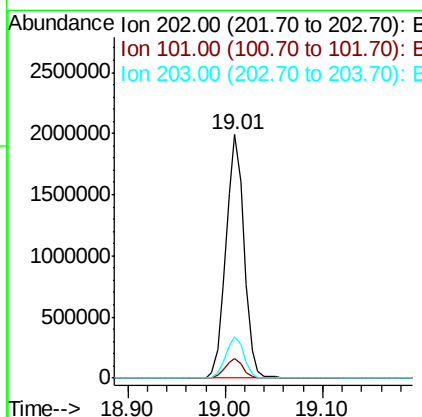
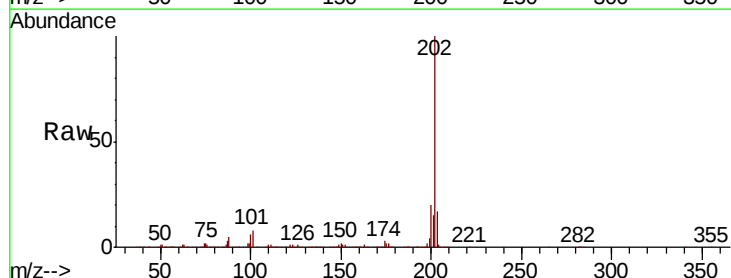
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

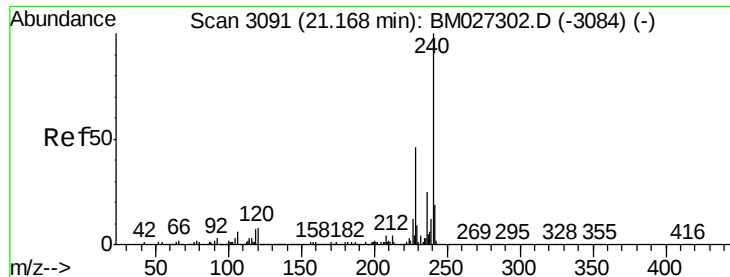
Tot Ion:178 Resp: 1710421
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.2 18.4



#75
Fluoranthene
Concen: 71.474 ng
RT: 19.01 min Scan# 2724
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Tgt Ion:202 Resp: 2562229
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.5
203 17.0 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

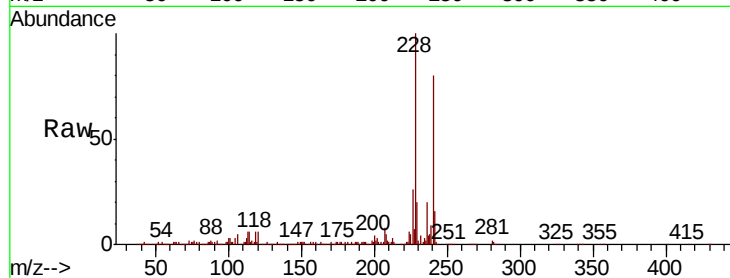
BNA_M

ClientSampleId :

PT-BN-WP

Tot Ion:240 Resp: 574160

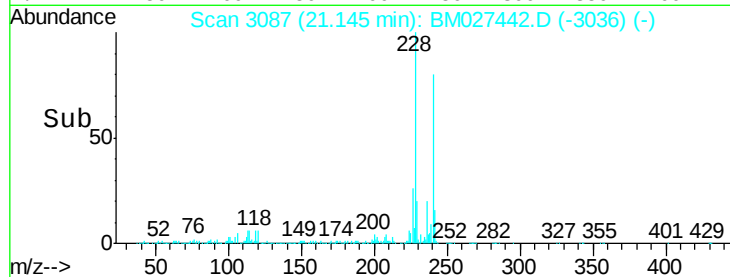
Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.4	9.6
236	24.7	20.1	30.1



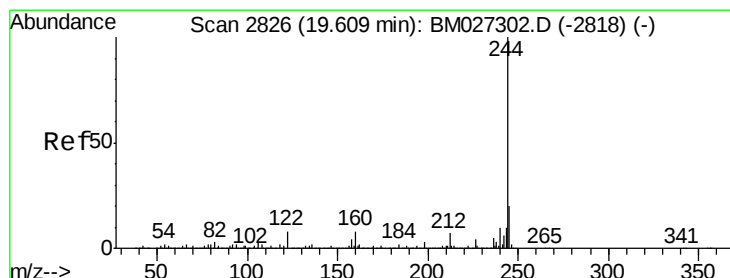
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.00 21.20



#79

Terphenyl-d14

Concen: 84.781 ng

RT: 19.59 min Scan# 2823

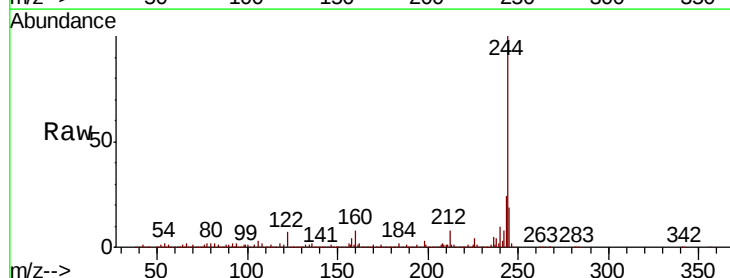
Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Tgt Ion:244 Resp: 2796854

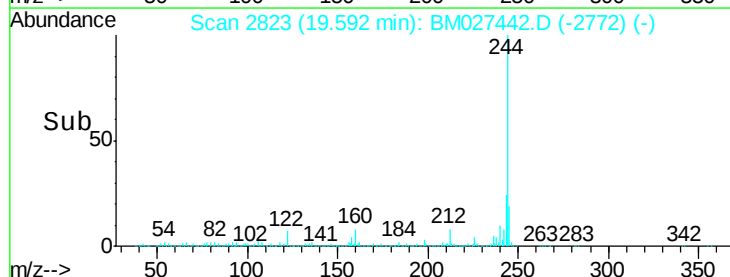
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.5	6.5	9.7



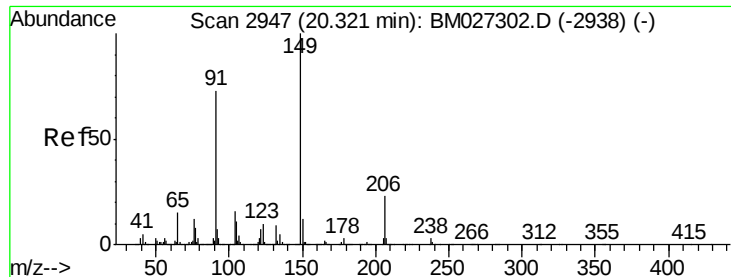
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



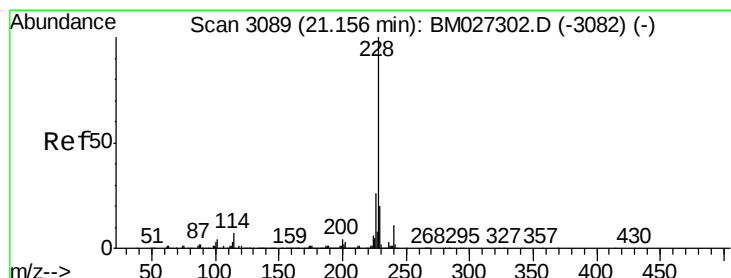
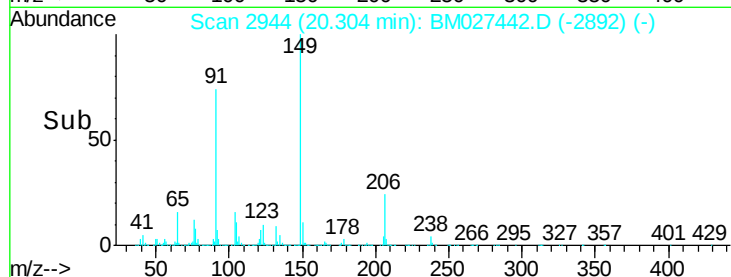
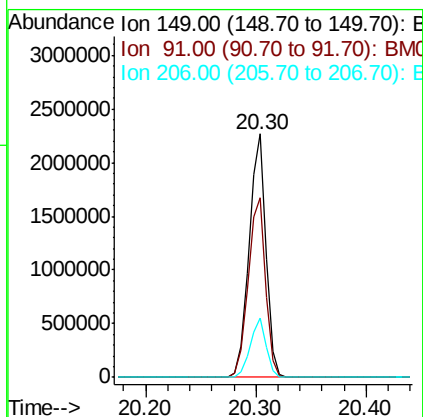
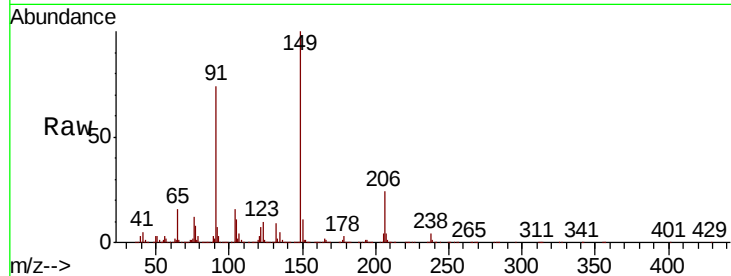
Time--> 19.50 19.60 19.70



#80
Butylbenzylphthalate
Concen: 137.177 ng
RT: 20.30 min Scan# 2944
Delta R.T. 0.01 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

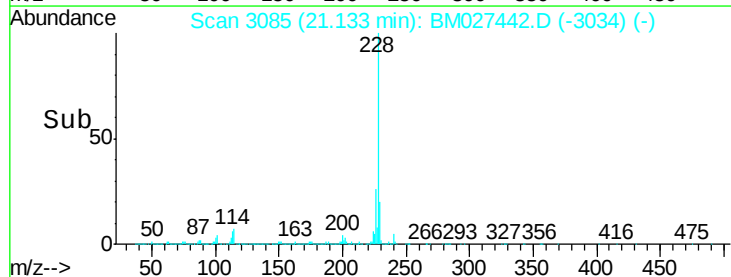
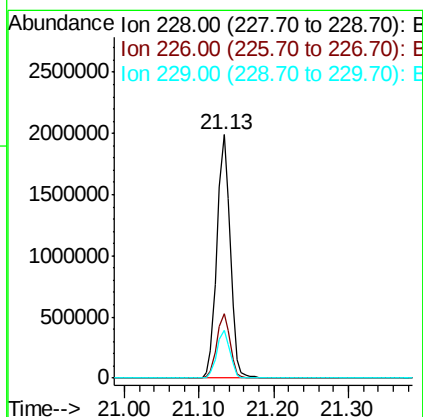
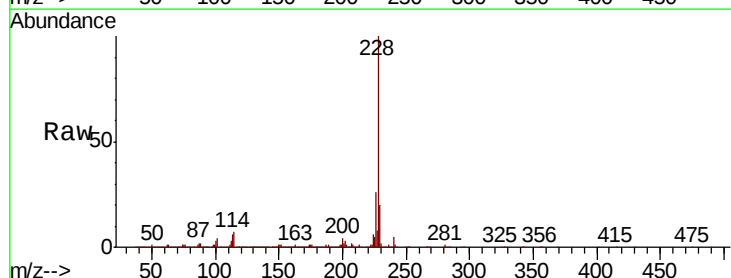
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

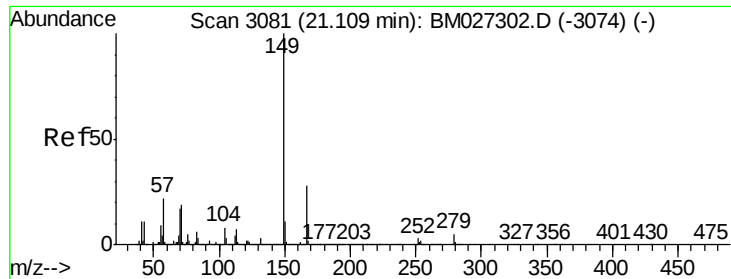
Tot Ion:149 Resp: 2415848
Ion Ratio Lower Upper
149 100
91 73.6 58.1 87.1
206 24.1 18.7 28.1



#81
Benzo(a)anthracene
Concen: 63.957 ng
RT: 21.13 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Tgt Ion:228 Resp: 2451688
Ion Ratio Lower Upper
228 100
226 26.5 21.1 31.7
229 19.6 15.7 23.5

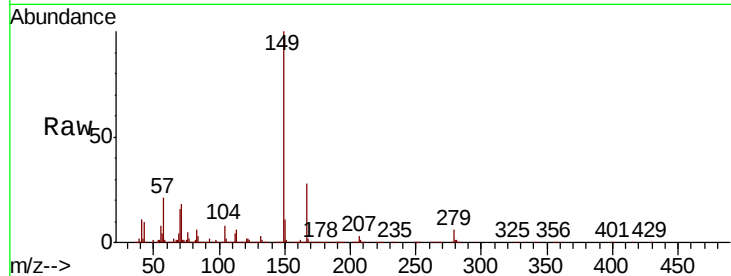




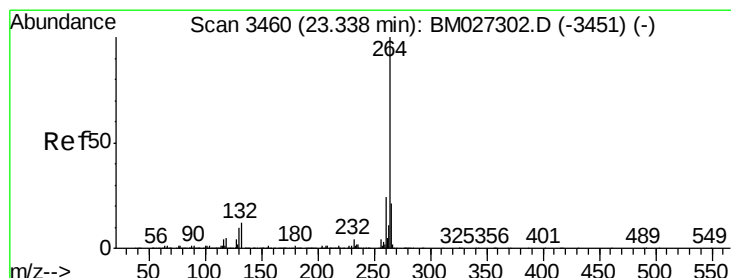
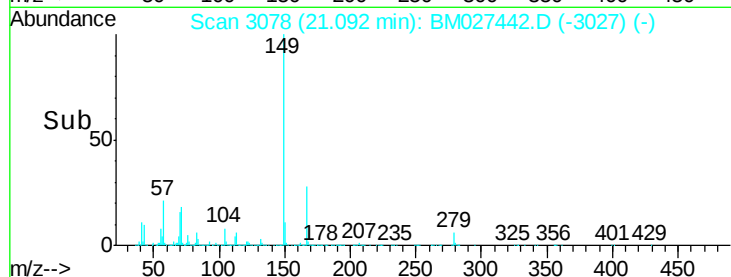
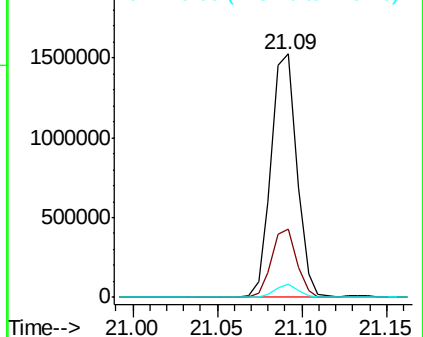
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 75.547 ng
 RT: 21.09 min Scan# 3078
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Tot Ion:149 Resp: 1606782
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.7 34.1
 279 5.6 4.0 6.0

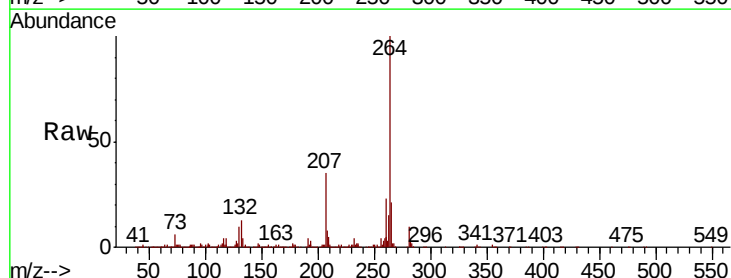


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

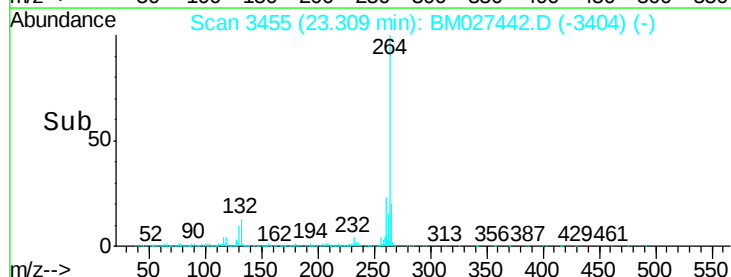
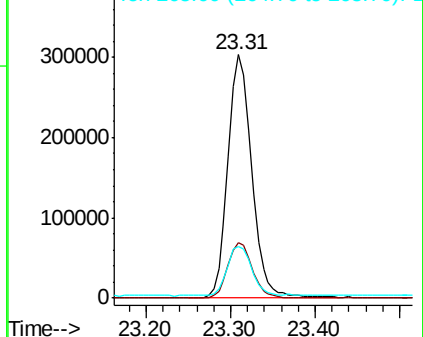


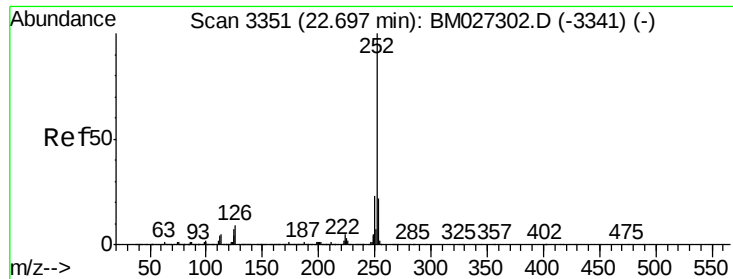
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.31 min Scan# 3455
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:264 Resp: 592856
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.3 17.7 26.5



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





#88

Benzo(b)fluoranthene

Concen: 79.217 ng

RT: 22.67 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampled :

PT-BN-WP

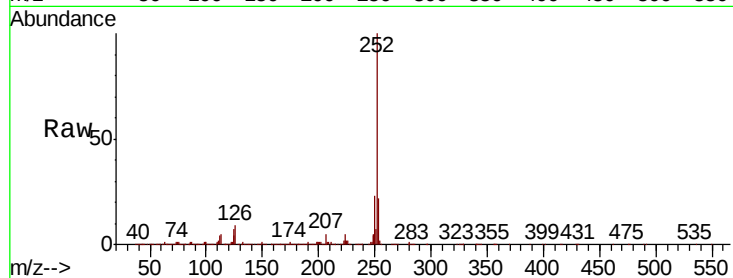
Tot Ion:252 Resp: 3266777

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

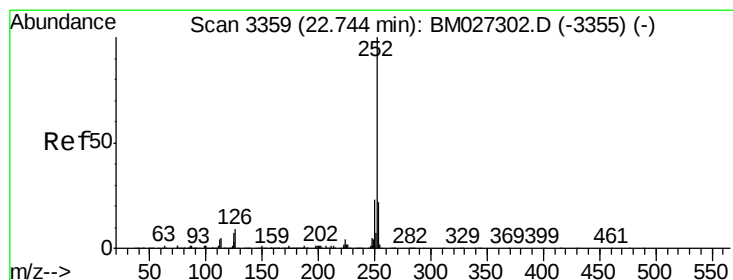
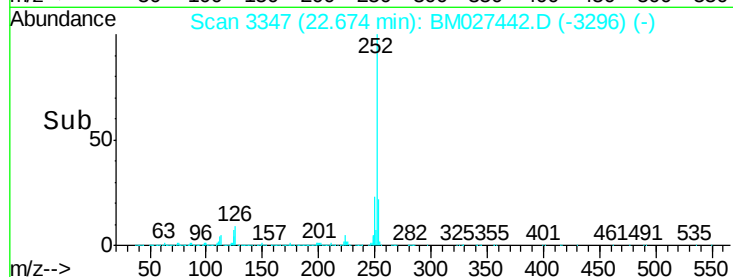
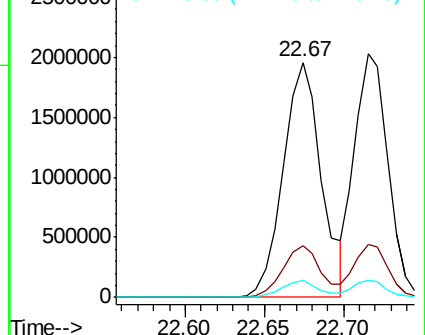
125 7.0 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 75.078 ng

RT: 22.72 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

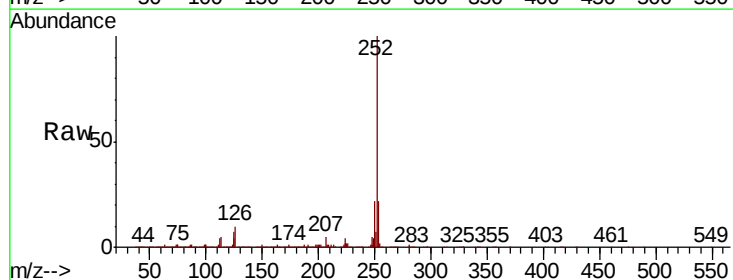
Tgt Ion:252 Resp: 2993177

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

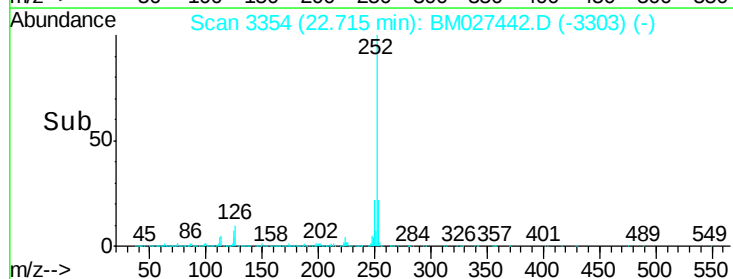
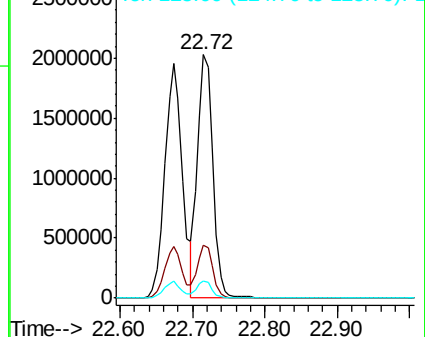
125 6.8 5.6 8.4

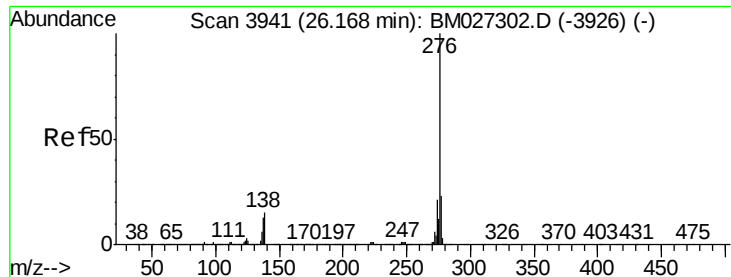


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

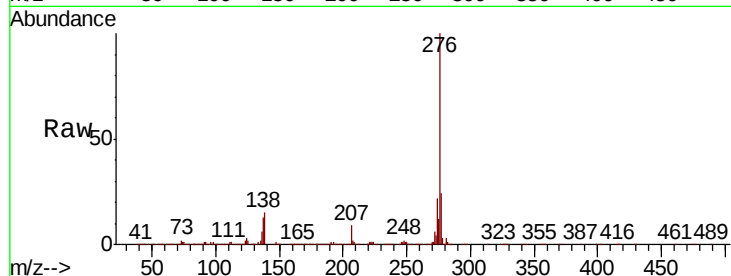




#92
 Benzo(a,h,i)perylene
 Concen: 100.941 ng
 RT: 26.13 min Scan# 3934
 Delta R.T. 0.01 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.2	18.6	28.0	
138	14.9	12.2	18.2	



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

