

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
 Data File : BM027443.D
 Acq On : 16 Sep 2020 15:32
 Operator : JU/CG
 Sample : L3971-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Sep 16 16:11:20 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	84618	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	290349	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	185041	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	403607	20.00	ng	0.00
76) Chrysene-d12	21.14	240	438117	20.00	ng	0.00
86) Perylene-d12	23.32	264	456153	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	147020	28.93	ng	0.00
7) Phenol-d6	6.74	99	176881	25.79	ng	0.00
23) Nitrobenzene-d5	8.70	82	142188	20.92	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	70469	21.72	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	288950	20.77	ng	0.00
79) Terphenyl-d14	19.59	244	437610	17.38	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.45	42	53668	21.601	ng	# 95
11) bis(2-Chloroethyl)ether	6.99	93	44537	8.030	ng	99
12) 1,3-Dichlorobenzene	7.45	146	215816	33.510	ng	99
13) 1,4-Dichlorobenzene	7.59	146	205466	31.729	ng	99
14) 1,2-Dichlorobenzene	7.90	146	164454	26.429	ng	99
18) Hexachloroethane	8.62	117	42677	16.446	ng	98
19) n-Nitroso-di-n-propylamine	8.36	70	160091	29.310	ng	97
24) Nitrobenzene	8.74	77	83603	11.816	ng	97
25) Isophorone	9.26	82	383800	32.100	ng	100
28) bis(2-Chloroethoxy)methane	9.75	93	170242	24.819	ng	98
30) 1,2,4-Trichlorobenzene	10.19	180	182275	29.560	ng	99
31) Naphthalene	10.37	128	292011	18.775	ng	99
34) Hexachlorobutadiene	10.67	225	90208	21.649	ng	97
41) Hexachlorocyclopentadiene	12.36	237	45265	10.324	ng	99
47) 2-Chloronaphthalene	13.06	162	377213	32.485	ng	99
48) 2-Nitroaniline	13.27	65	94735	26.681	ng	97
49) Acenaphthylene	13.91	152	343242	19.512	ng	99
50) Dimethylphthalate	13.66	163	418572	27.521	ng	100
52) Acenaphthene	14.26	154	346494	31.749	ng	98
55) Dibenzofuran	14.60	168	432028	23.403	ng	98
57) 2,4-Dinitrotoluene	14.57	165	141195	31.451	ng	93
58) Fluorene	15.25	166	140710	9.081	ng	98
60) Diethylphthalate	15.04	149	293644	18.771	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	265295	31.165	ng	98
68) Hexachlorobenzene	16.26	284	126859	21.809	ng	97
71) Phenanthrene	16.99	178	294473	12.547	ng	98
75) Fluoranthene	19.01	202	406092	14.264	ng	99
80) Butylbenzylphthalate	20.30	149	345543	28.887	ng	92
81) Benzo(a)anthracene	21.13	228	394308	13.480	ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	213252	13.140	ng	99
88) Benzo(b)fluoranthene	22.67	252	493702	15.560	ng	99
89) Benzo(k)fluoranthene	22.71	252	491346	16.018	ng	100
92) Benzo(a,h,i)perylene	26.12	276	535321	21.261	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
Data File : BM027443.D
Acq On : 16 Sep 2020 15:32
Operator : JU/CG
Sample : L3971-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Quant Time: Sep 16 16:11:20 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

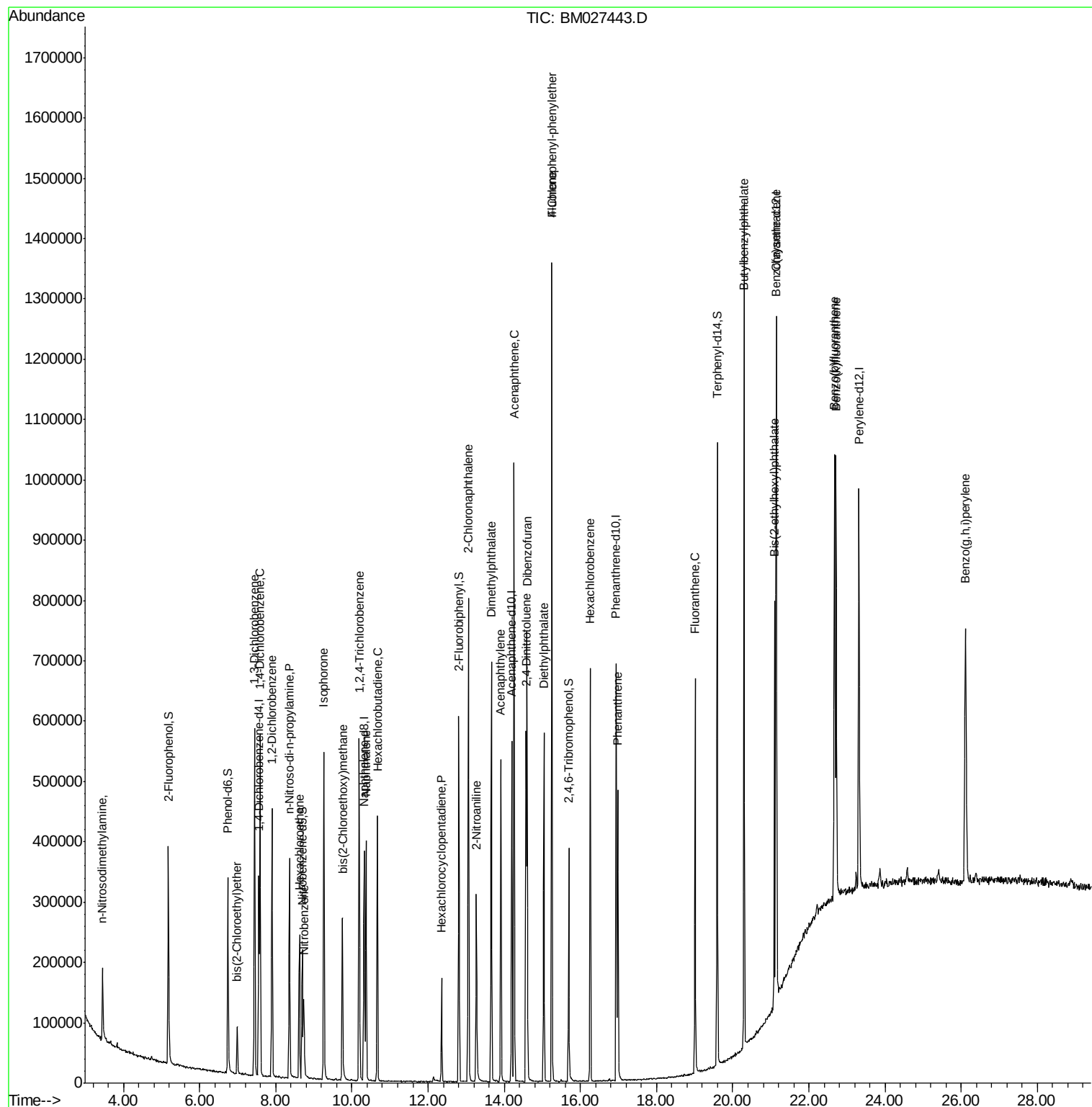
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

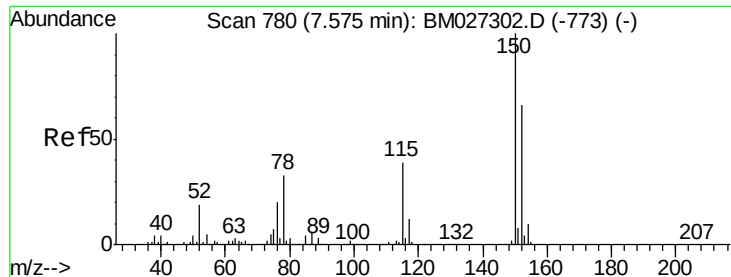
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
Data File : BM027443.D
Acq On : 16 Sep 2020 15:32
Operator : JU/CG
Sample : L3971-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Quant Time: Sep 16 16:11:20 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



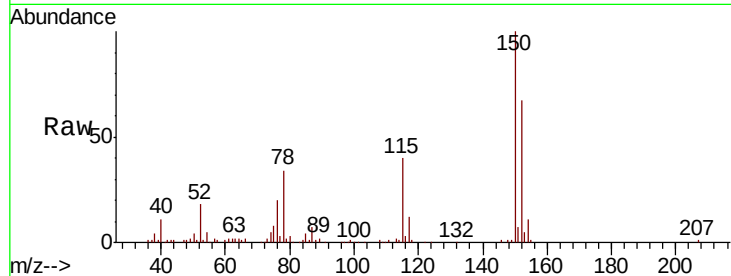


#1

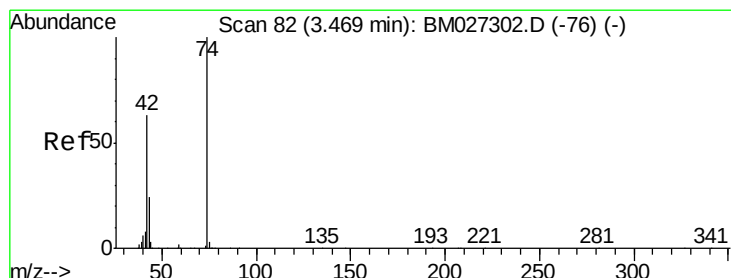
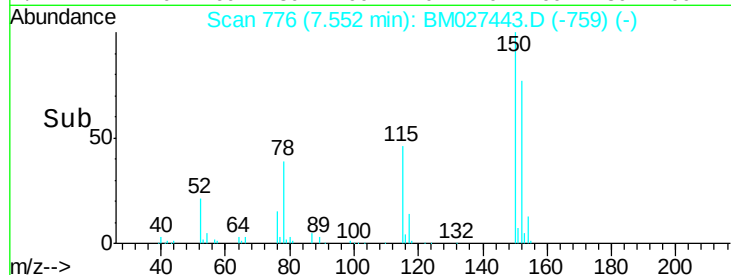
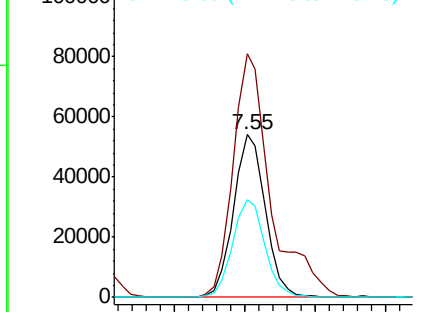
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 776
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Instrument :
BNA_M
ClientSampled :
PT-BN-WPDL

Tot Ion:152 Resp: 84618
Ion Ratio Lower Upper
152 100
150 149.5 120.6 181.0
115 59.8 47.2 70.8



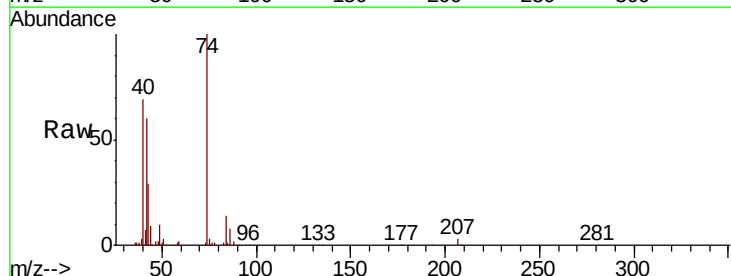
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



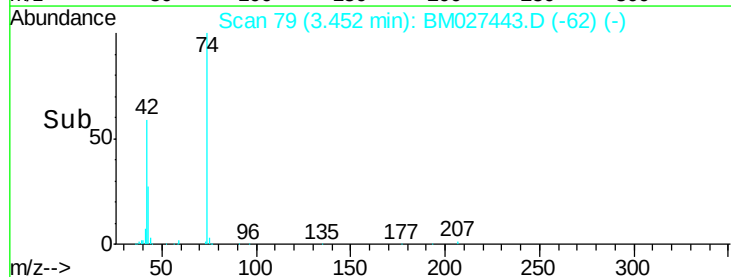
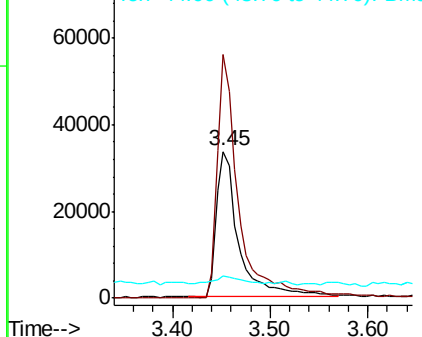
#4

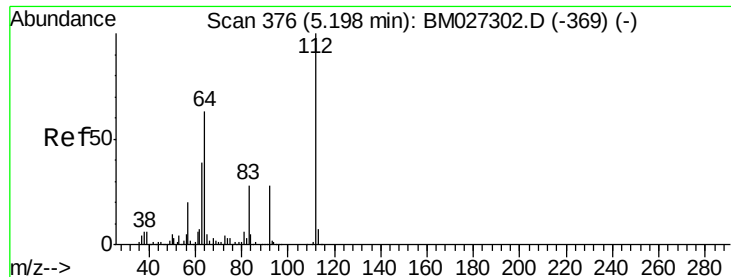
n-Nitrosodimethylamine
Concen: 21.601 ng
RT: 3.45 min Scan# 79
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Tgt Ion: 42 Resp: 53668
Ion Ratio Lower Upper
42 100
74 165.9 127.8 191.6
44 15.4 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: 28.926 ng

RT: 5.18 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

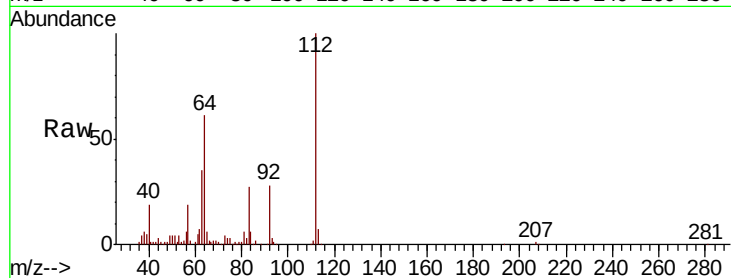
Tot Ion: 112 Resp: 147020

Ion Ratio Lower Upper

112 100

64 61.4 50.6 76.0

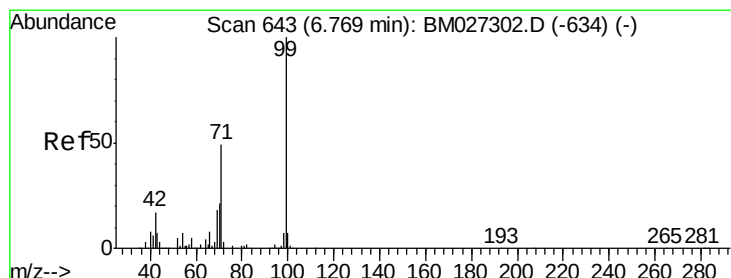
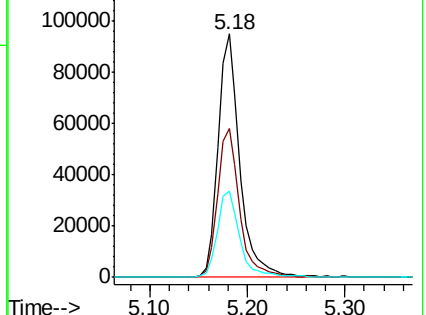
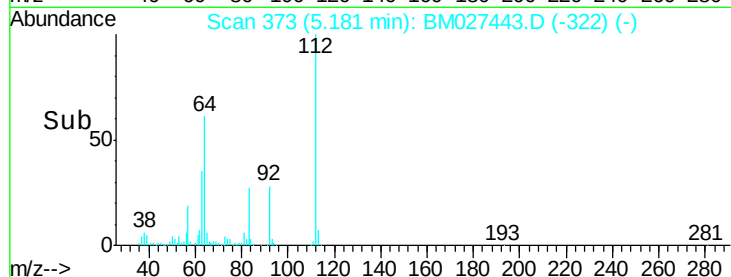
63 35.4 31.0 46.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 25.789 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

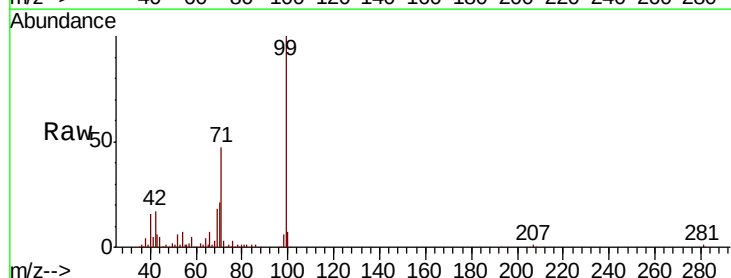
Tgt Ion: 99 Resp: 176881

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

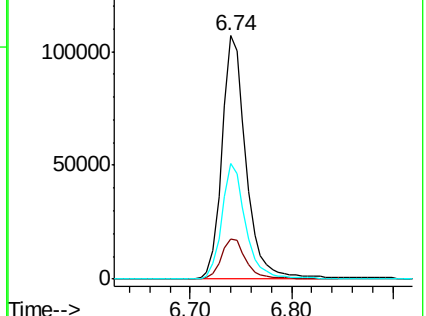
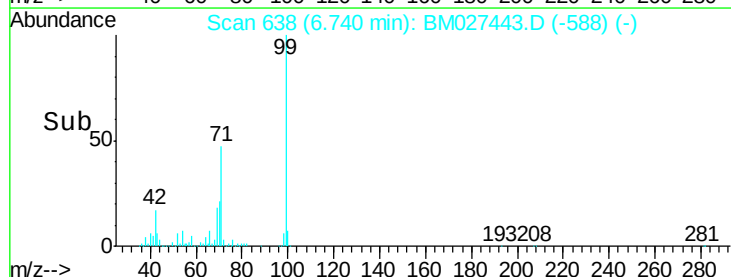
71 47.5 39.4 59.0

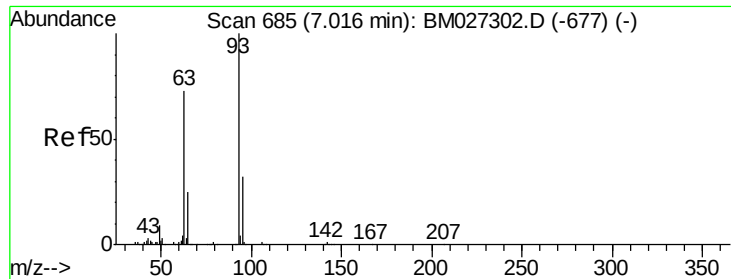


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

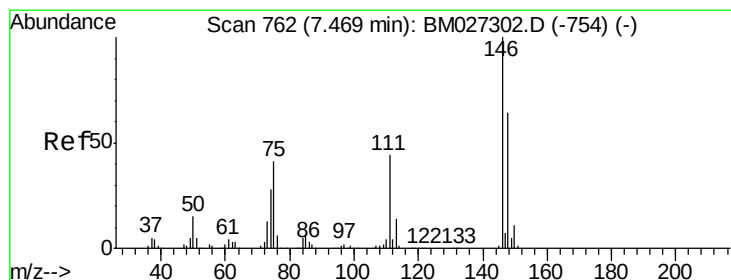
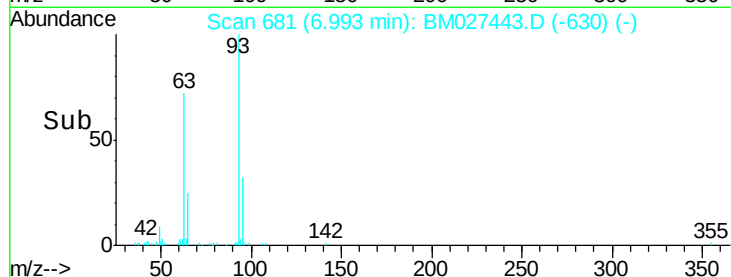
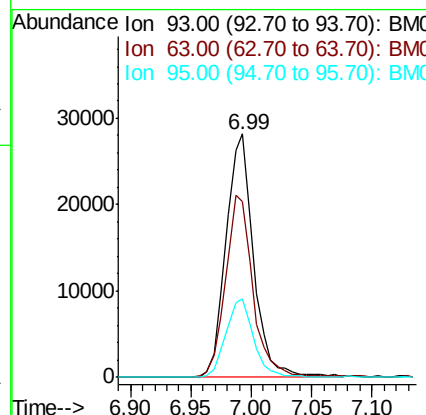
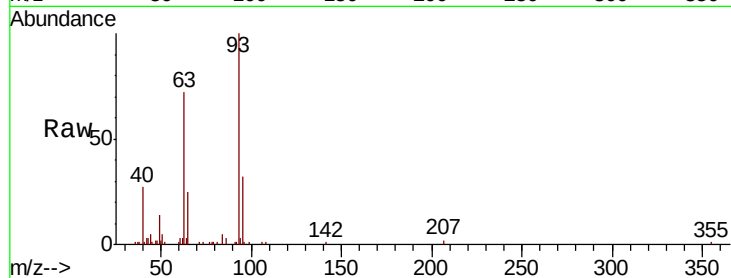




#11
 bis(2-Chloroethyl)ether
 Concen: 8.030 ng
 RT: 6.99 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

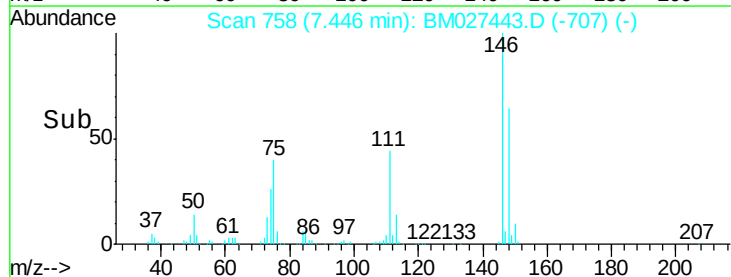
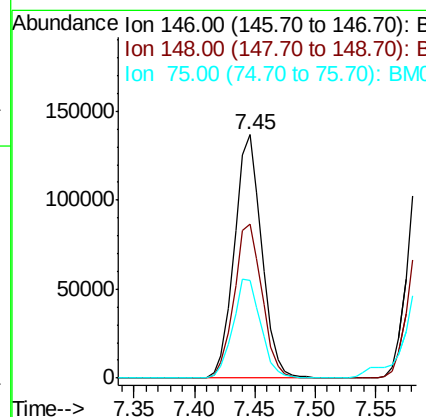
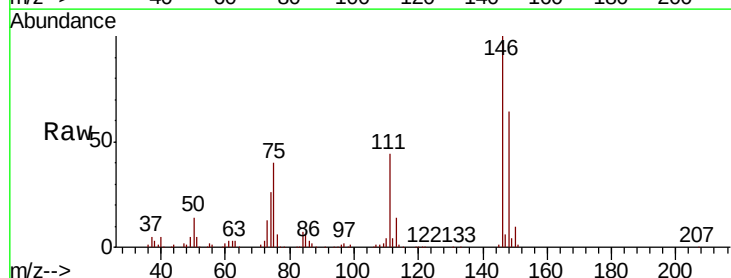
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

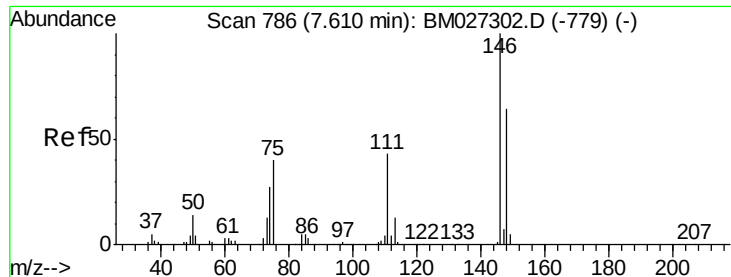
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	53.1	93.1
95	32.3	12.1	52.1



#12
 1,3-Dichlorobenzene
 Concen: 33.510 ng
 RT: 7.45 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.6	77.4
75	40.3	33.0	49.6

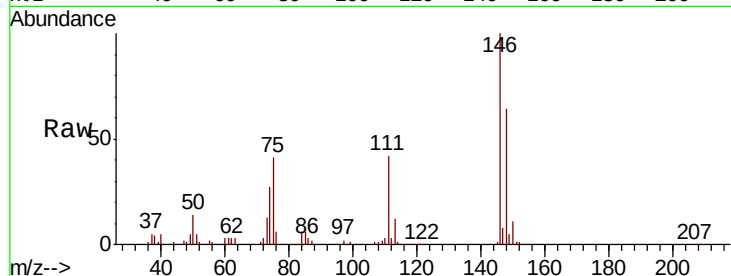




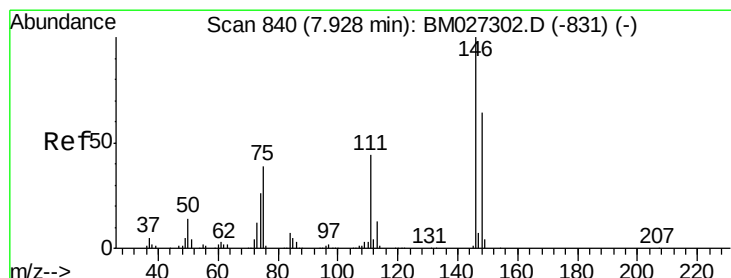
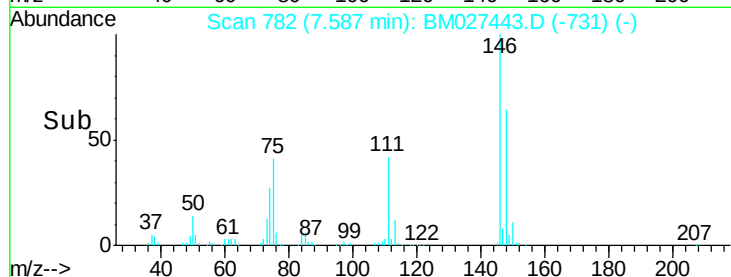
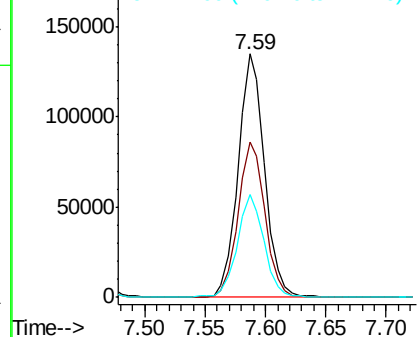
#13
 1,4-Dichlorobenzene
 Concen: 31.729 ng
 RT: 7.59 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	42.3	34.4	51.6

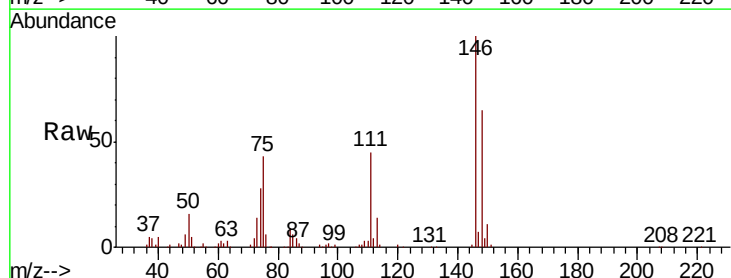


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

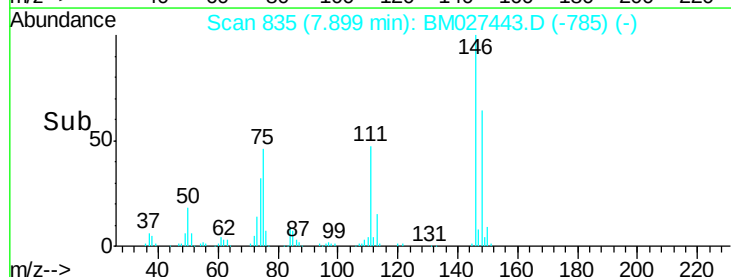
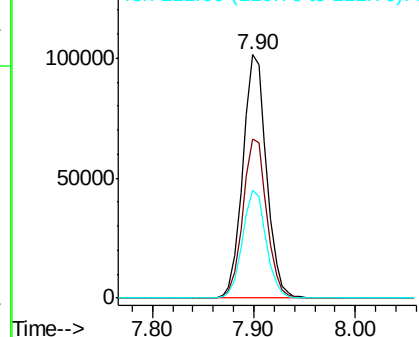


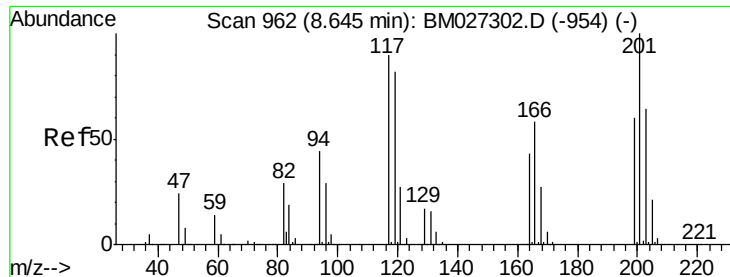
#14
 1,2-Dichlorobenzene
 Concen: 26.429 ng
 RT: 7.90 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.3	76.9
111	44.5	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

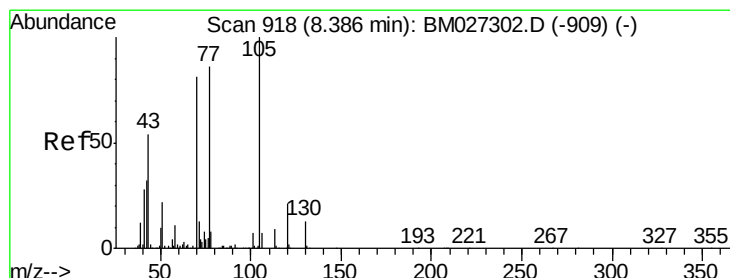
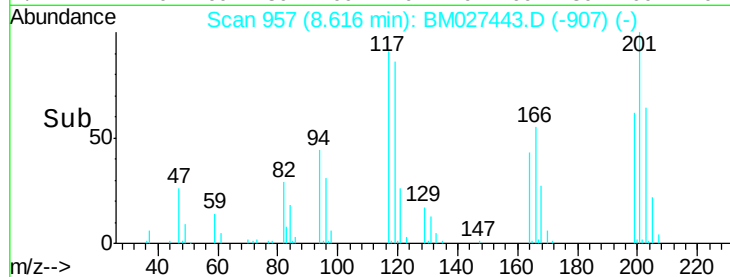
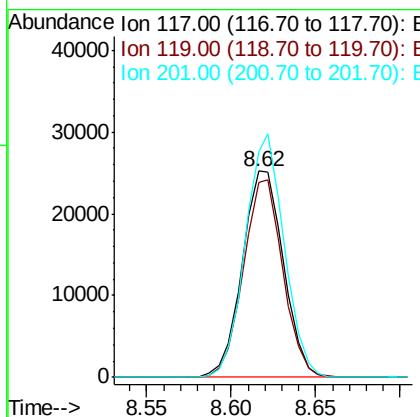
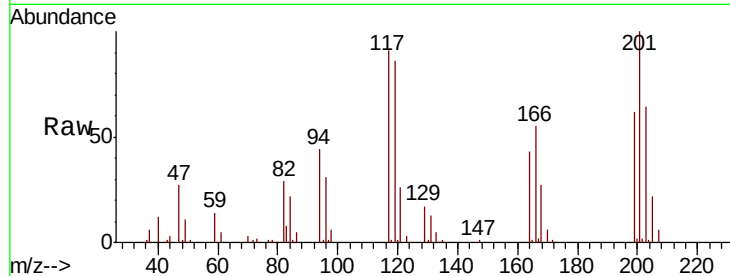




#18
Hexachloroethane
Concen: 16.446 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

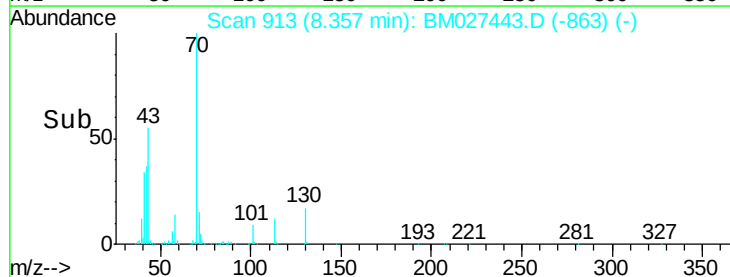
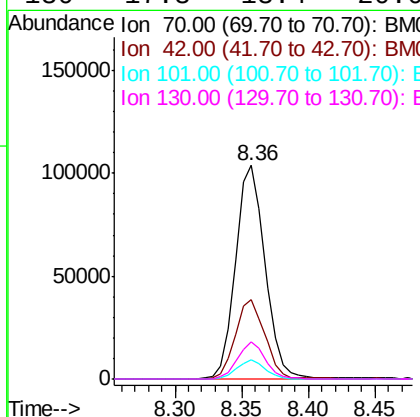
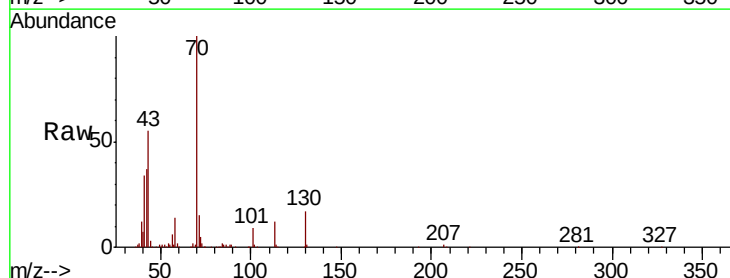
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

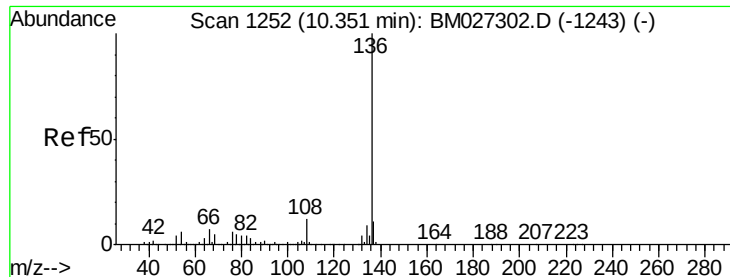
Tot Ion:117 Resp: 42677
Ion Ratio Lower Upper
117 100
119 94.5 73.1 109.7
201 112.1 88.7 133.1



#19
n-Nitroso-di-n-propylamine
Concen: 29.310 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Tgt Ion: 70 Resp: 160091
Ion Ratio Lower Upper
70 100
42 37.0 31.9 47.9
101 9.0 7.0 10.4
130 17.3 13.4 20.0

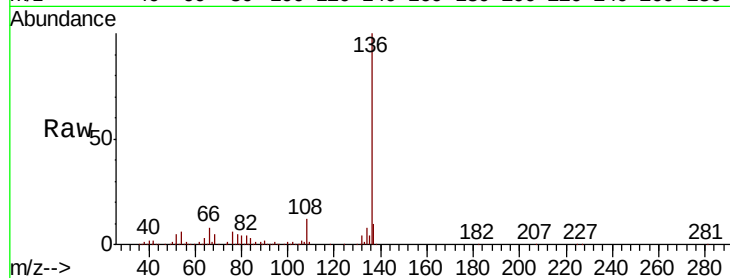




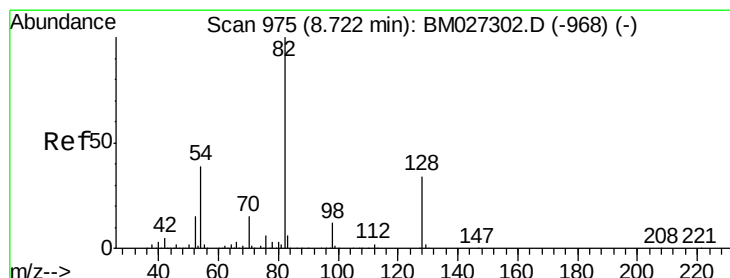
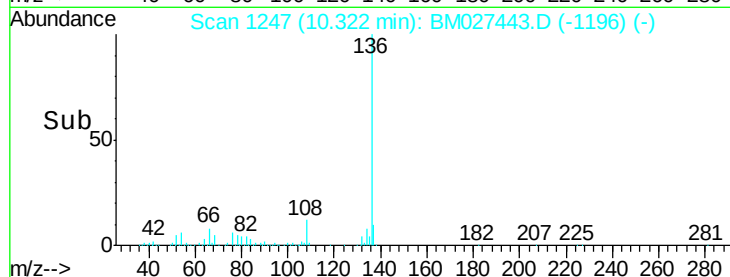
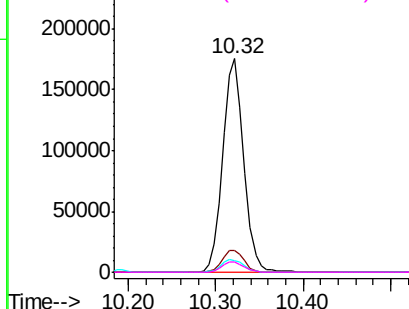
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

Tot Ion:136	Resp: 290349
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 12.8
54 5.7	4.6 7.0
68 5.0	4.1 6.1

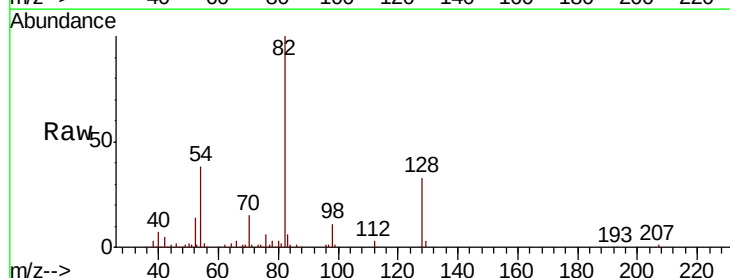


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

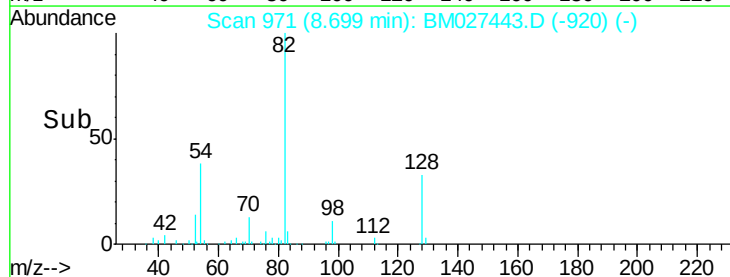
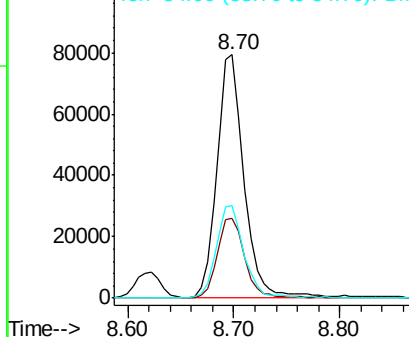


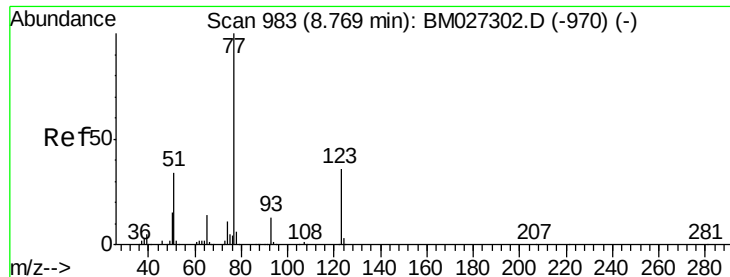
#23
Nitrobenzene-d5
Concen: 20.921 ng
RT: 8.70 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Tgt Ion: 82	Resp: 142188
Ion Ratio	Lower Upper
82 100	
128 32.7	27.4 41.0
54 38.2	31.4 47.0



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

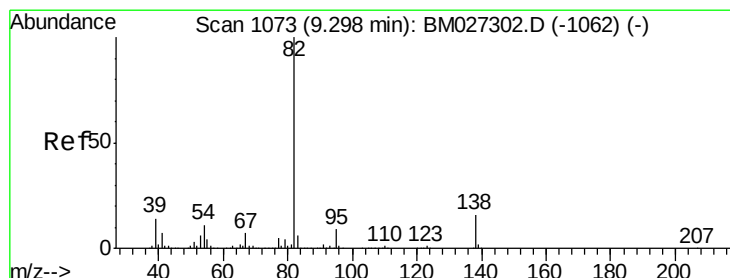
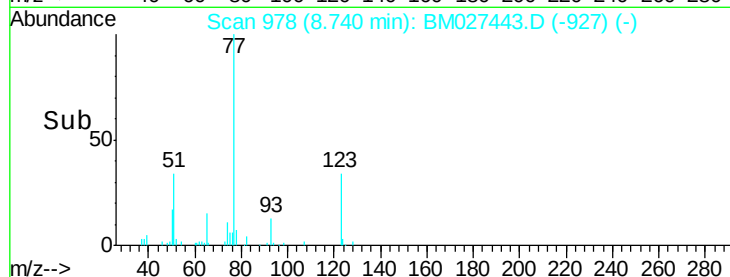
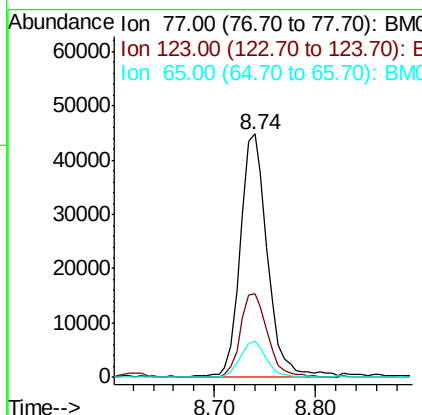
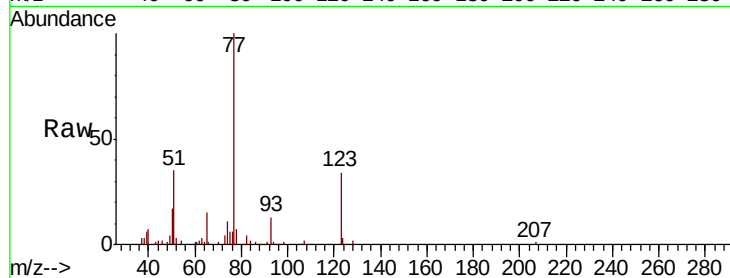




#24
 Nitrobenzene
 Concen: 11.816 ng
 RT: 8.74 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

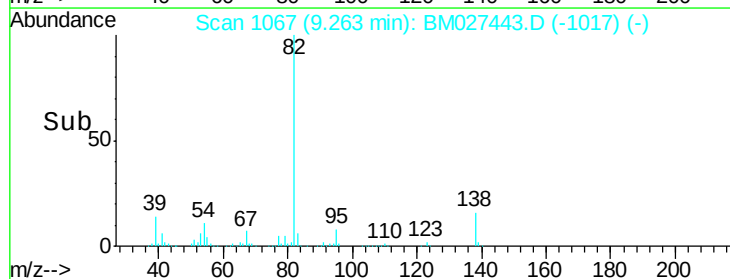
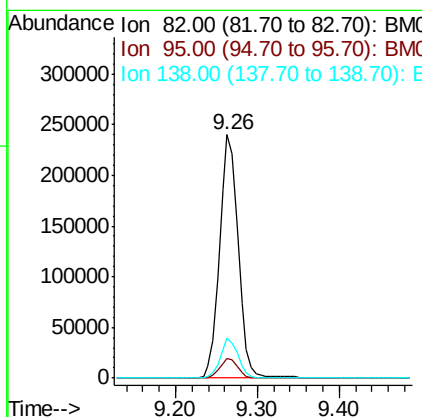
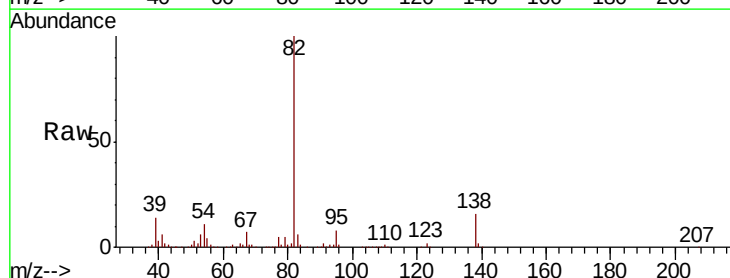
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

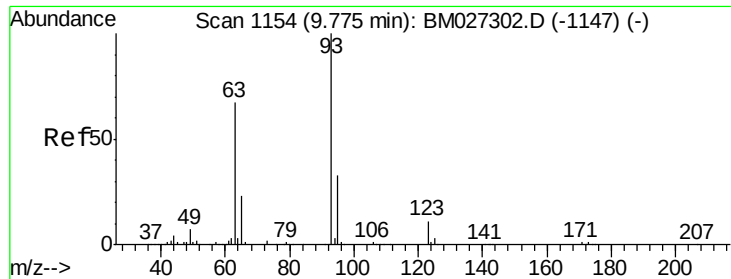
Tot Ion	Ratio	Lower	Upper
77	100		
123	34.4	29.1	43.7
65	14.9	11.3	16.9



#25
 Isophorone
 Concen: 32.100 ng
 RT: 9.26 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.8	10.2
138	16.4	13.1	19.7

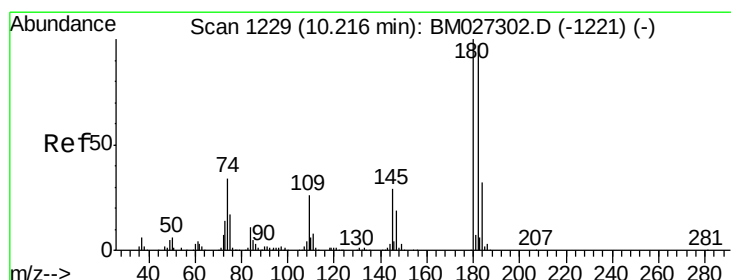
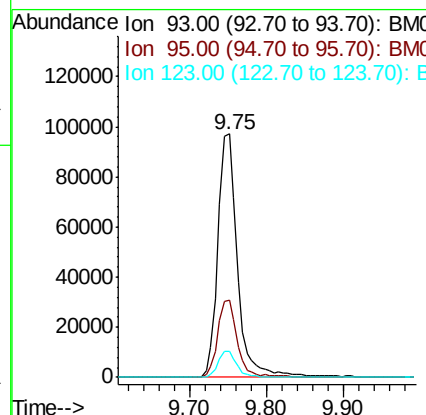
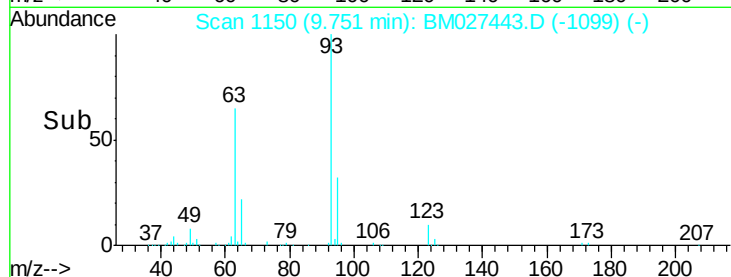
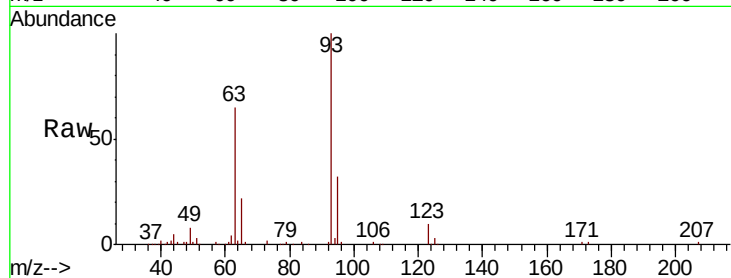




#28
 bis(2-Chloroethoxy)methane
 Concen: 24.819 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

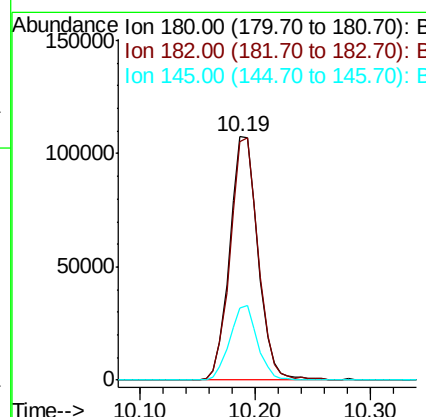
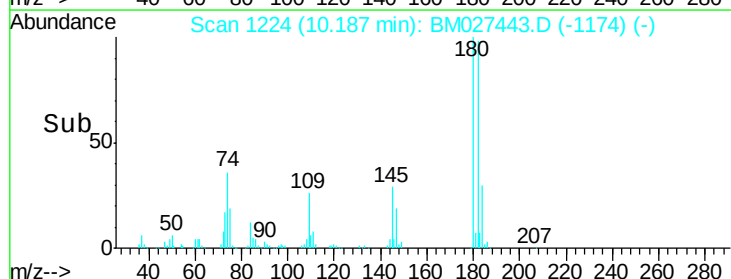
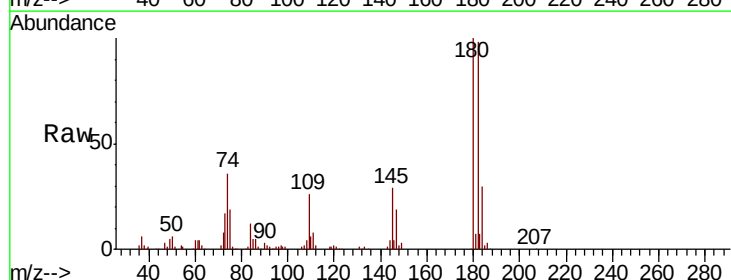
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

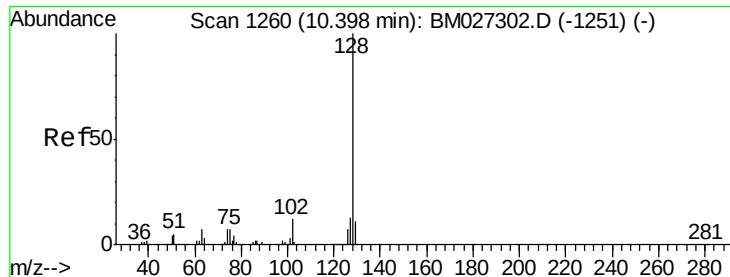
Tot Ion: 93 Resp: 170242
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.5 39.7
 123 10.4 8.6 12.8



#30
 1,2,4-Trichlorobenzene
 Concen: 29.560 ng
 RT: 10.19 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

Tgt Ion: 180 Resp: 182275
 Ion Ratio Lower Upper
 180 100
 182 97.8 77.7 116.5
 145 29.5 23.4 35.0





#31

Naphthalene

Concen: 18.775 ng

RT: 10.37 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

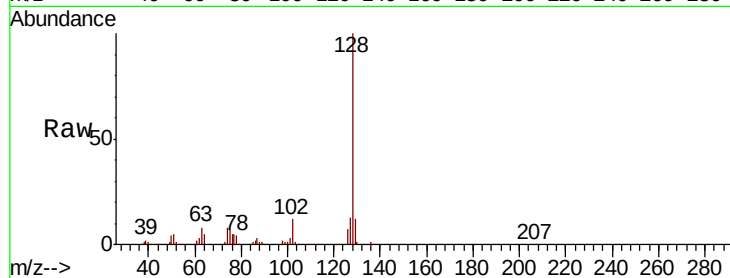
Tot Ion:128 Resp: 292011

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.4

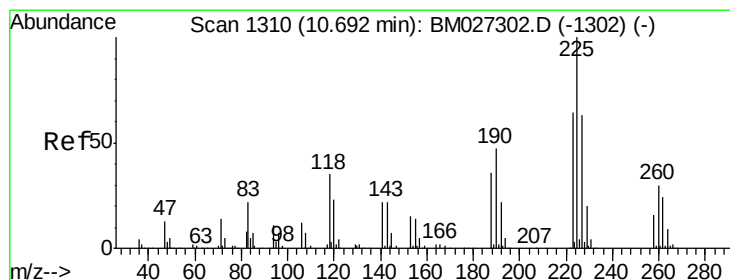
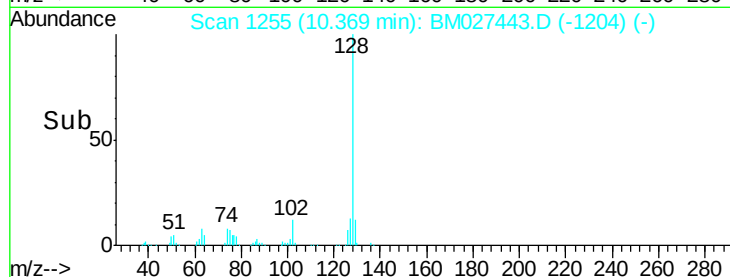
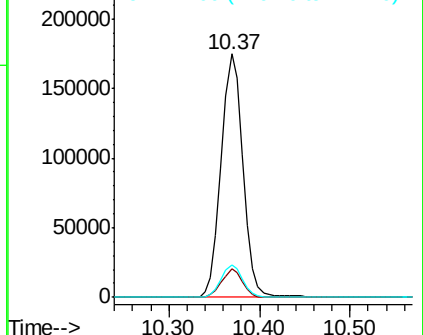
127 13.1 10.6 15.8



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: 21.649 ng

RT: 10.67 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

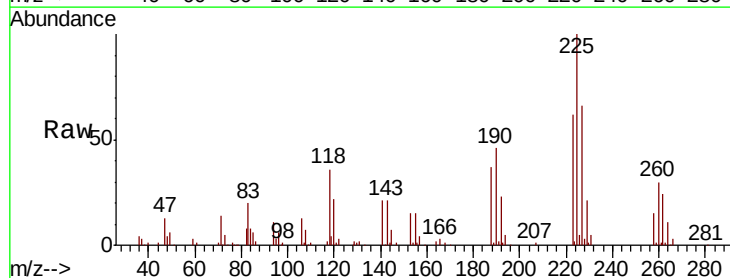
Tgt Ion:225 Resp: 90208

Ion Ratio Lower Upper

225 100

223 62.2 51.0 76.4

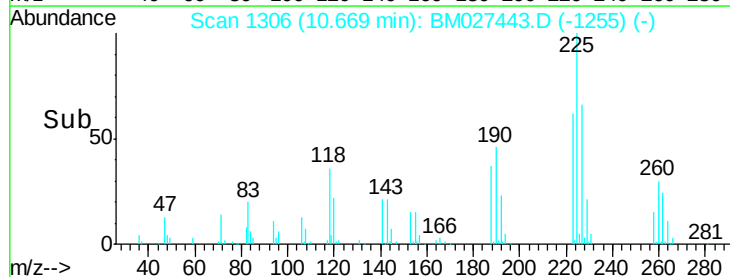
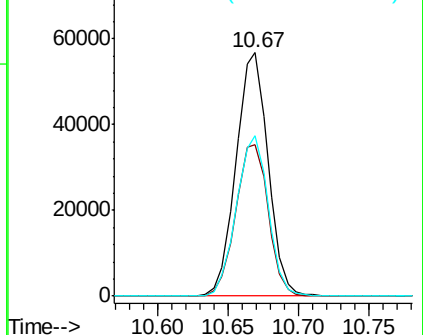
227 65.7 50.6 75.8

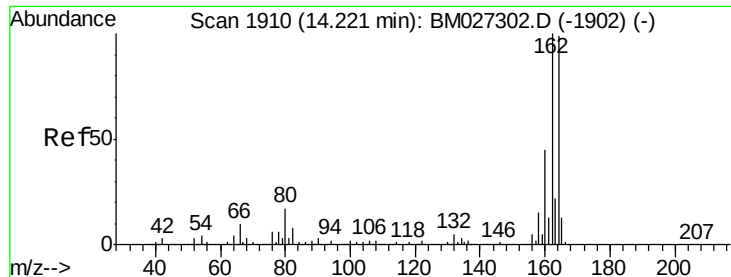


Abundance Ion 225.00 (224.70 to 225.70): E

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: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

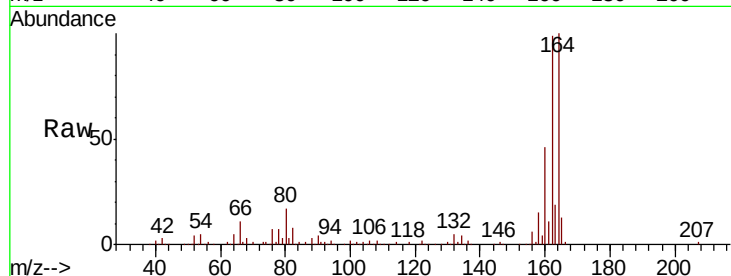
Tot Ion:164 Resp: 185041

Ion Ratio Lower Upper

164 100

162 99.4 80.4 120.6

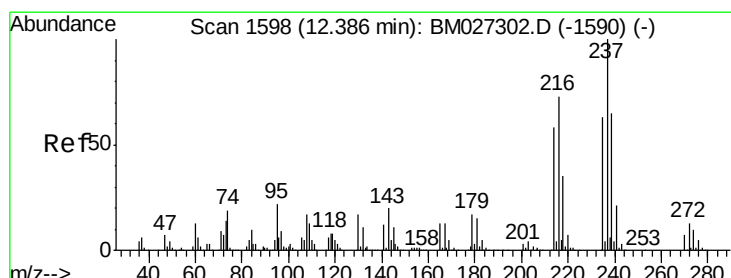
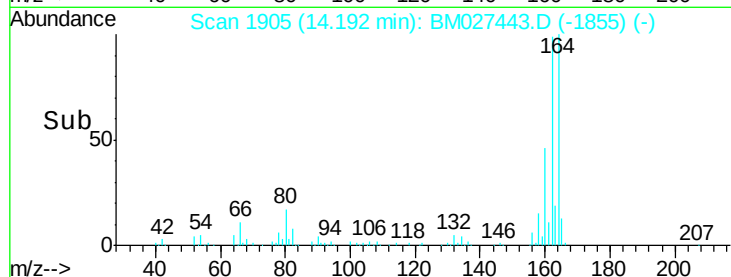
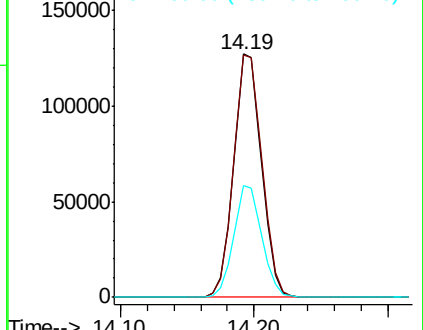
160 45.8 35.9 53.9



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: 10.324 ng

RT: 12.36 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

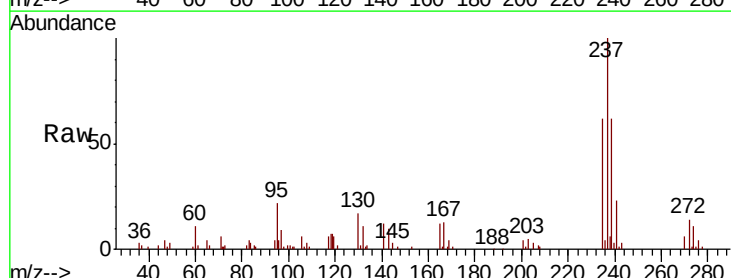
Tgt Ion:237 Resp: 45265

Ion Ratio Lower Upper

237 100

235 62.2 43.1 83.1

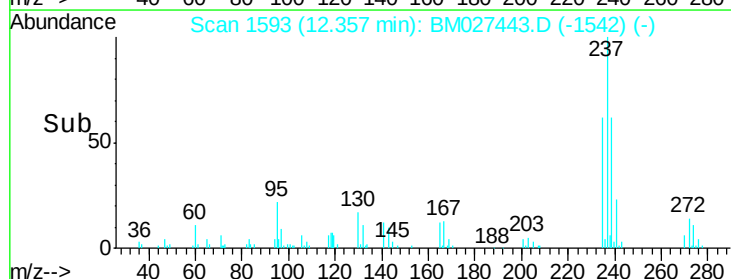
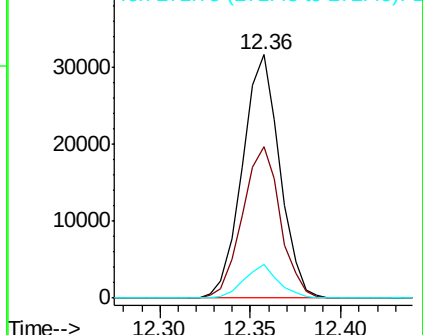
272 13.7 0.0 33.0

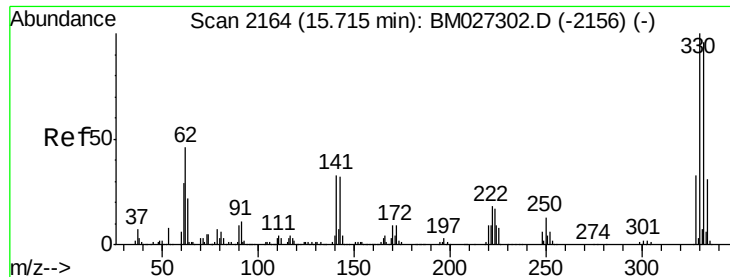


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

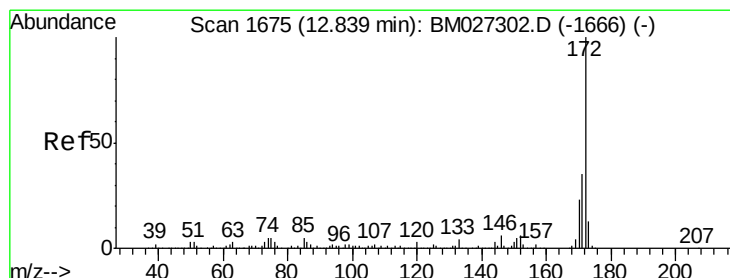
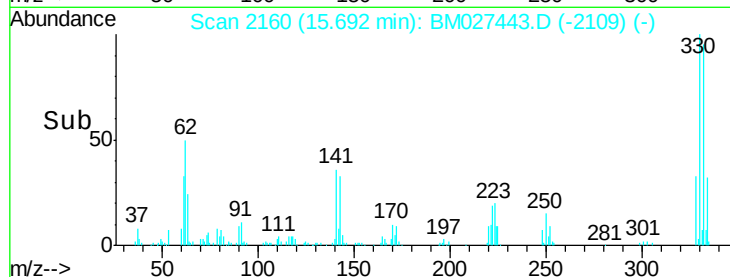
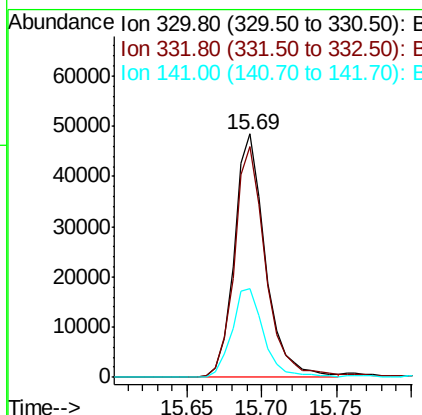
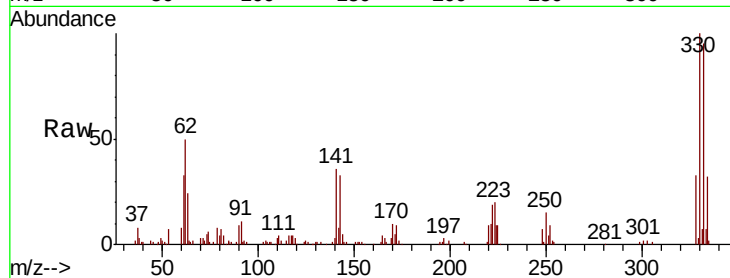




#42
 2,4,6-Tribromophenol
 Concen: 21.720 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

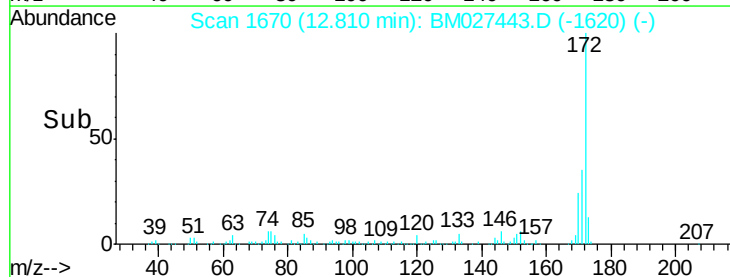
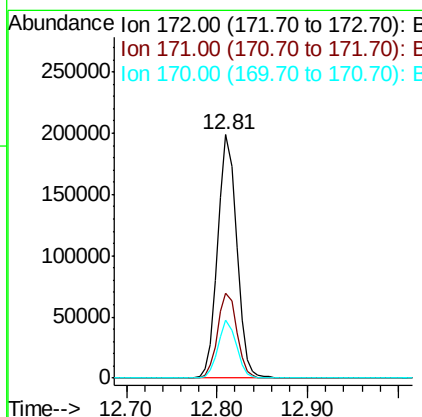
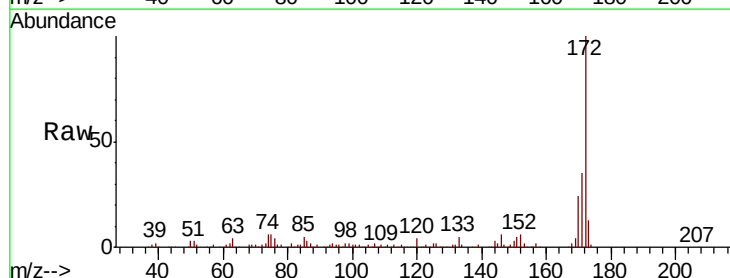
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

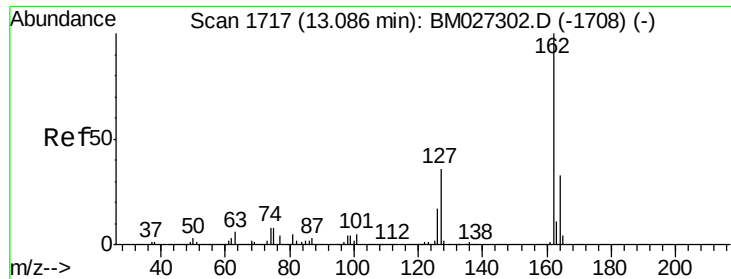
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.8
141	37.4	28.4	42.6



#45
 2-Fluorobiphenyl
 Concen: 20.767 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.8
170	23.7	18.6	27.8

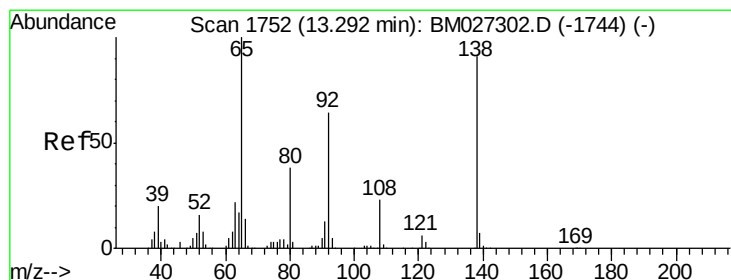
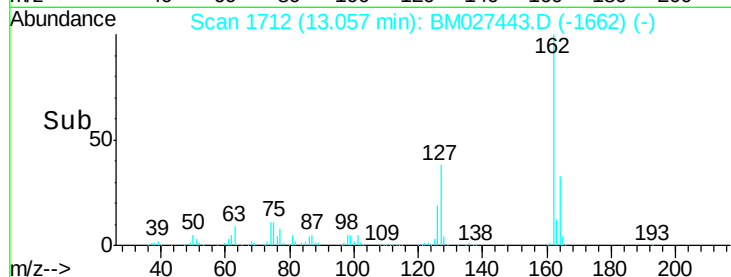
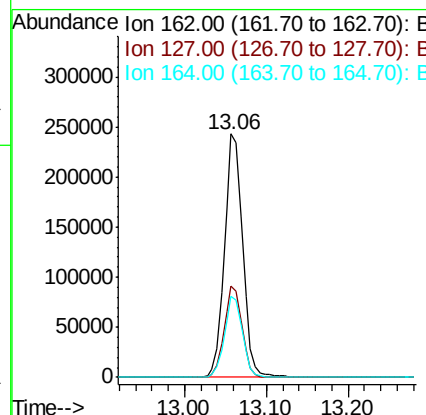
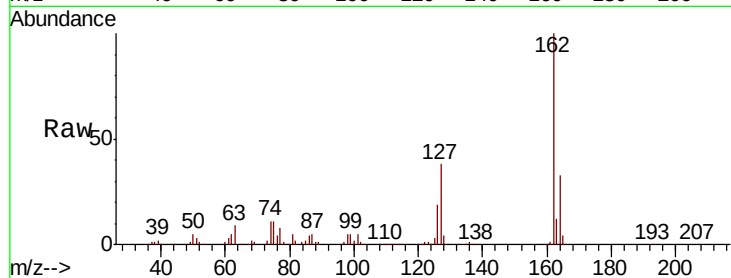




#47
2-Chloronaphthalene
Concen: 32.485 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

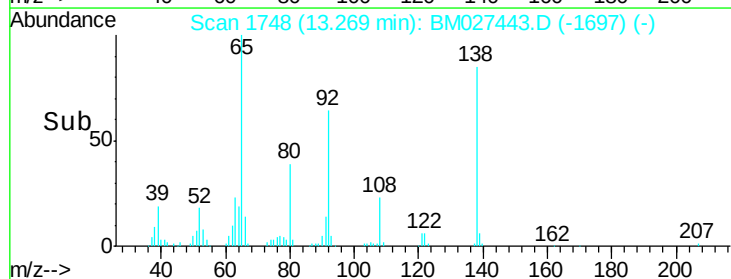
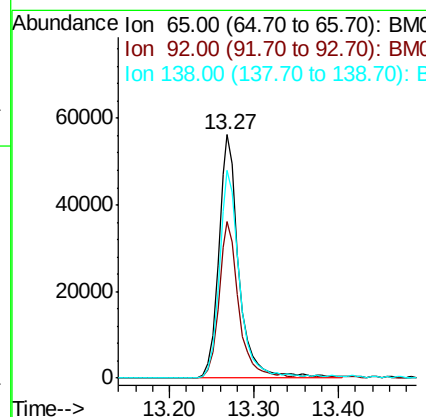
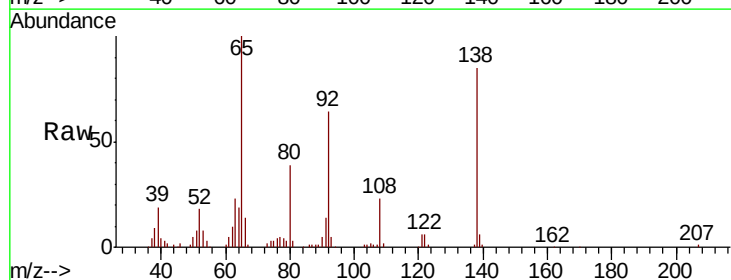
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

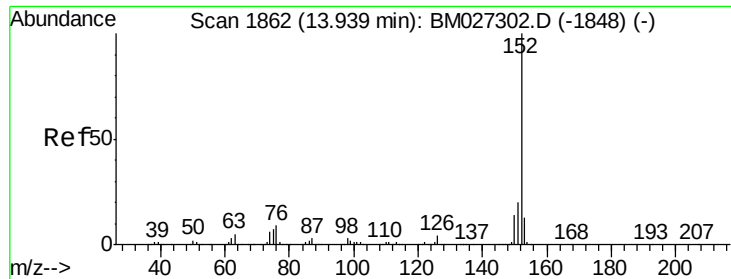
Tot Ion:162 Resp: 377213
Ion Ratio Lower Upper
162 100
127 37.6 29.6 44.4
164 33.1 26.2 39.4



#48
2-Nitroaniline
Concen: 26.681 ng
RT: 13.27 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Tgt Ion: 65 Resp: 94735
Ion Ratio Lower Upper
65 100
92 64.4 51.5 77.3
138 85.4 72.7 109.1





#49

Acenaphthylene

Concen: 19.512 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

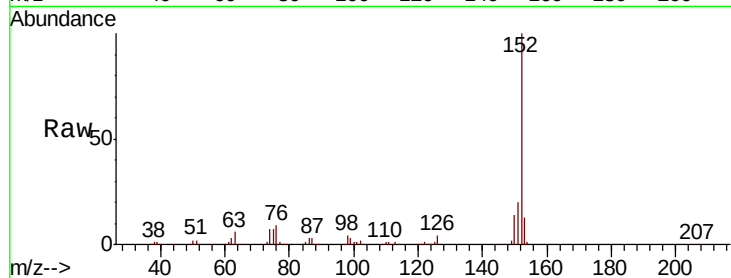
Tot Ion:152 Resp: 343242

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

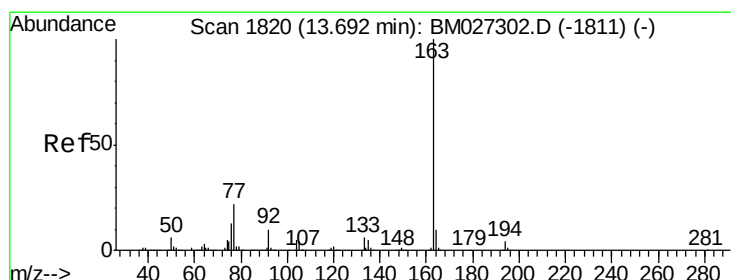
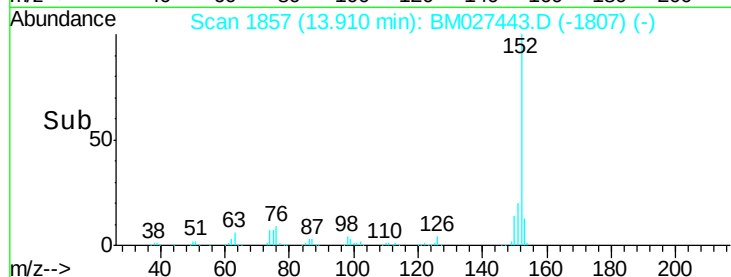
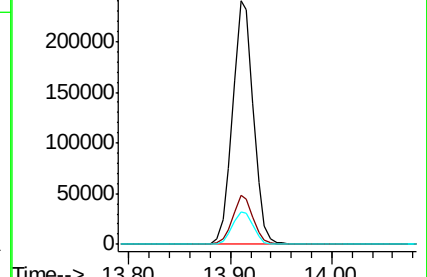
153 13.2 10.4 15.6



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: 27.521 ng

RT: 13.66 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

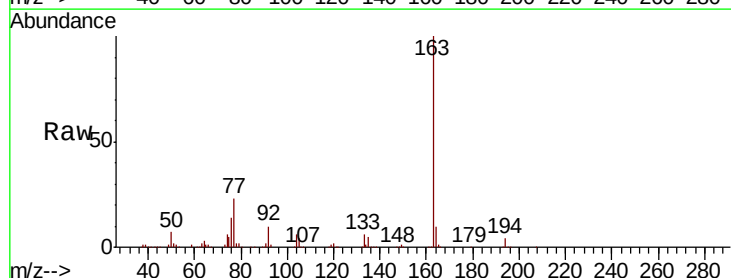
Tgt Ion:163 Resp: 418572

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

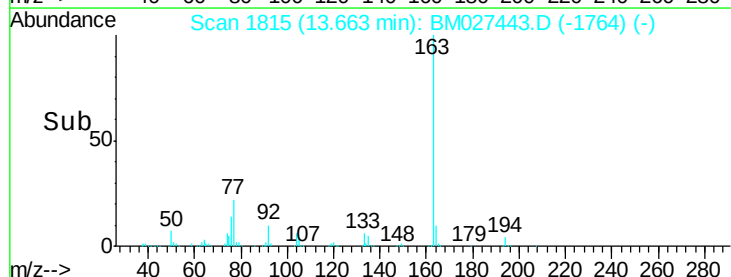
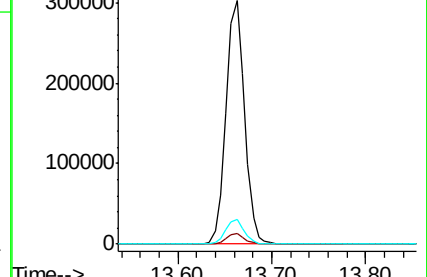
164 9.9 8.1 12.1

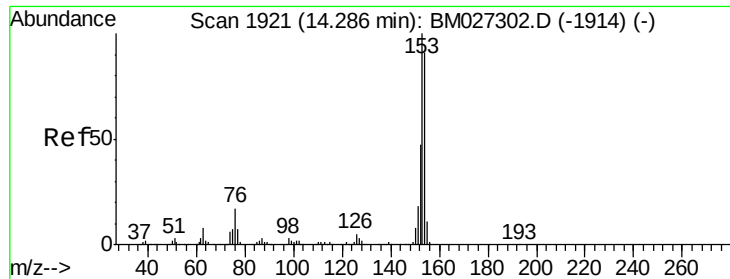


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 31.749 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

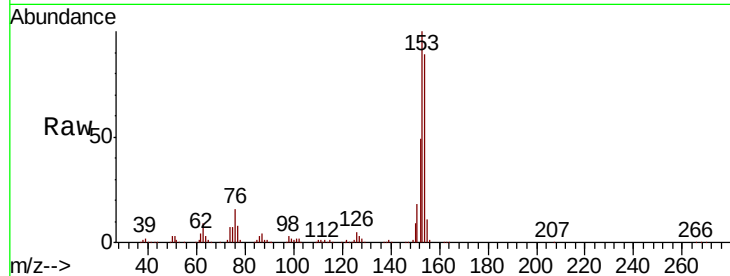
Tot Ion:154 Resp: 346494

Ion Ratio Lower Upper

154 100

153 111.8 88.3 132.5

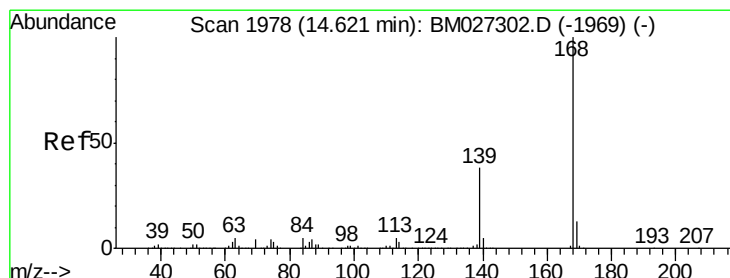
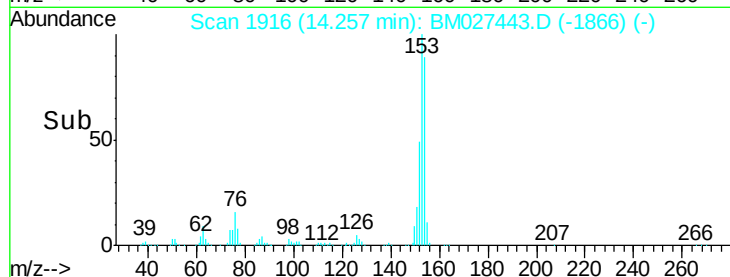
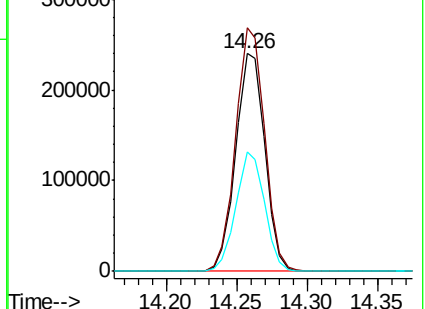
152 54.7 41.4 62.2



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: 23.403 ng

RT: 14.60 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

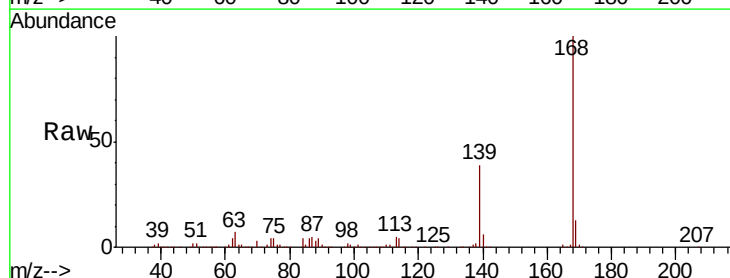
Tgt Ion:168 Resp: 432028

Ion Ratio Lower Upper

168 100

139 38.9 30.2 45.4

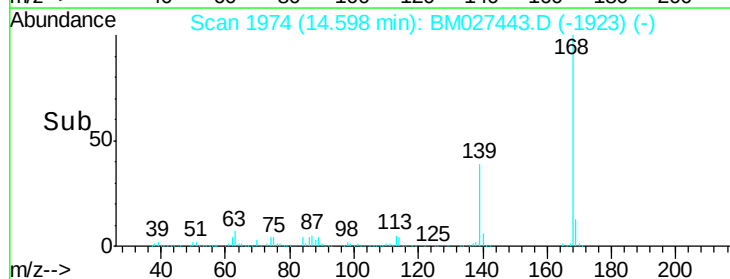
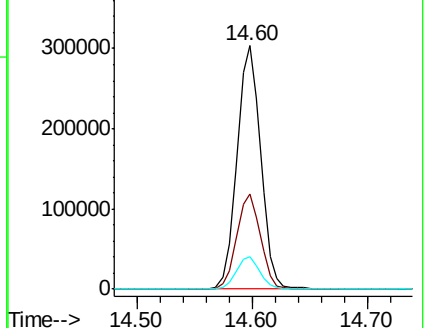
169 13.5 10.6 16.0

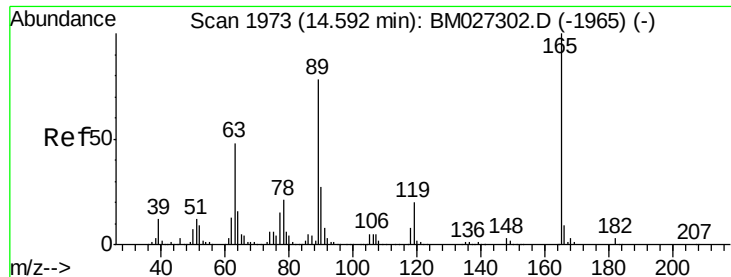


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

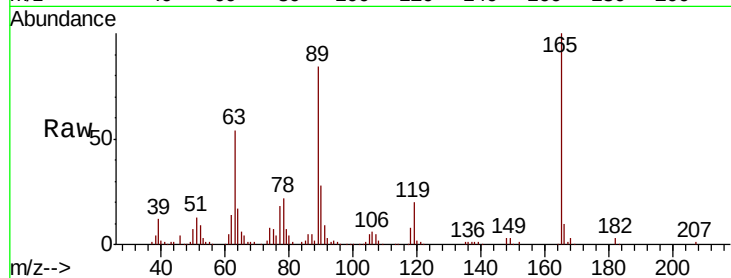




#57
 2,4-Dinitrotoluene
 Concen: 31.451 ng
 RT: 14.57 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WPDL

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	38.8	58.2
89	84.5	62.6	94.0
182	2.9	2.3	3.5



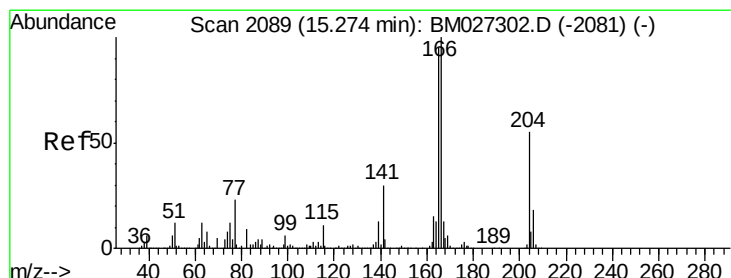
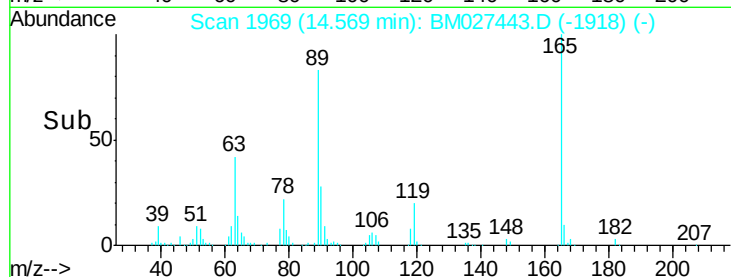
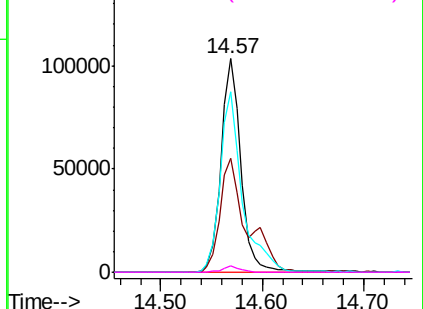
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

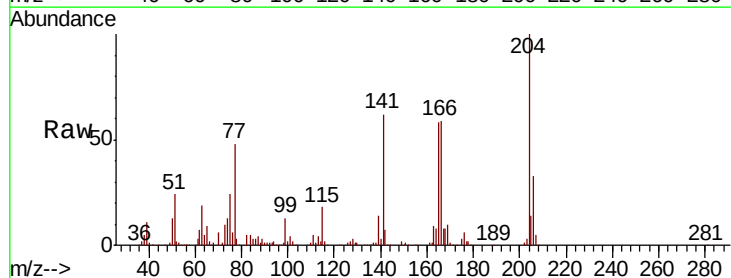
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 9.081 ng
 RT: 15.25 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.2	114.2
167	13.7	10.7	16.1

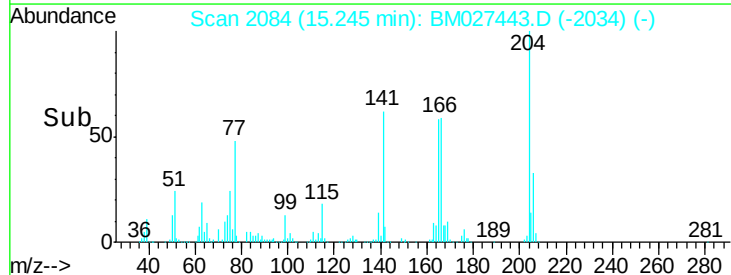
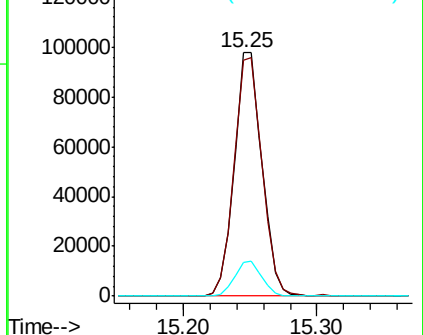


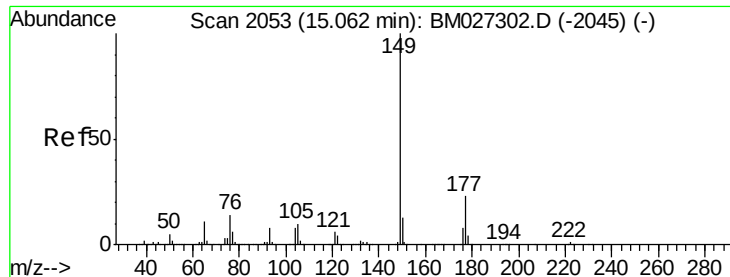
Abundance

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





#60

Diethylphthalate

Concen: 18.771 ng

RT: 15.04 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

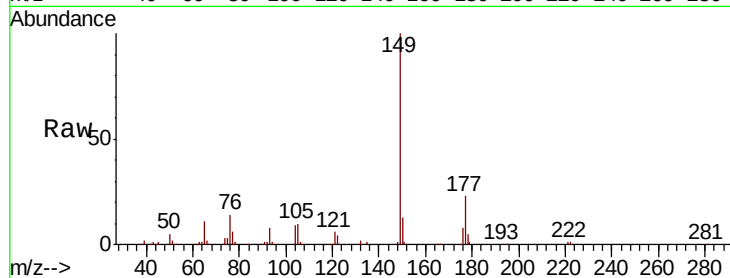
Tot Ion:149 Resp: 293644

Ion Ratio Lower Upper

149 100

177 22.5 18.2 27.4

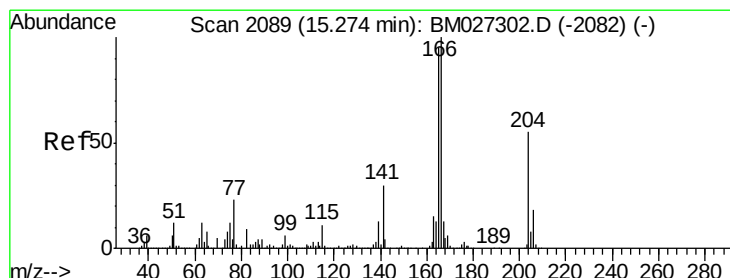
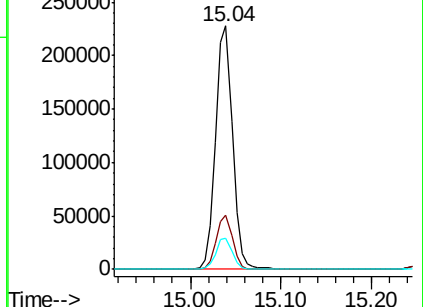
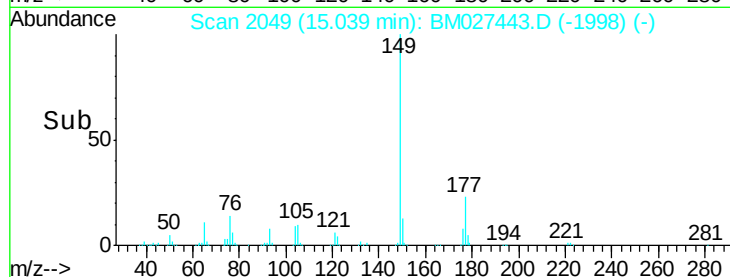
150 13.0 10.2 15.4



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: 31.165 ng

RT: 15.25 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

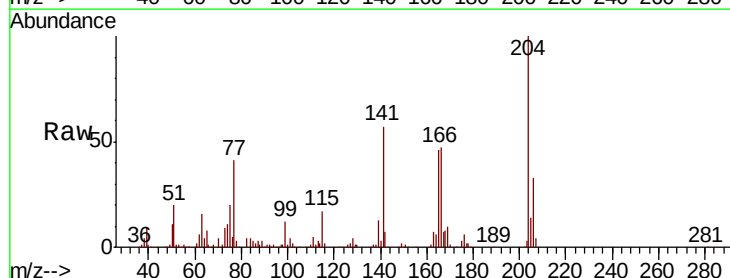
Tgt Ion:204 Resp: 265295

Ion Ratio Lower Upper

204 100

206 32.9 26.1 39.1

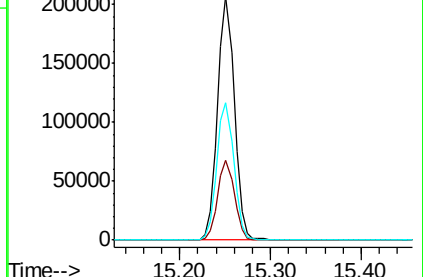
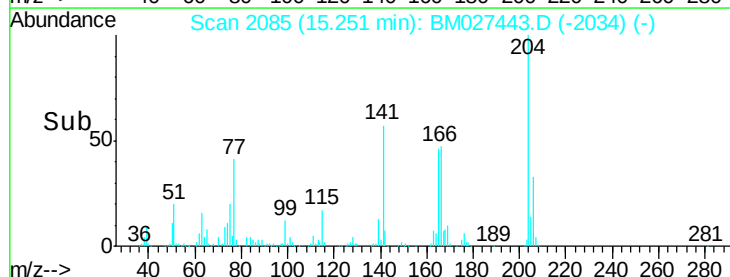
141 56.6 43.7 65.5

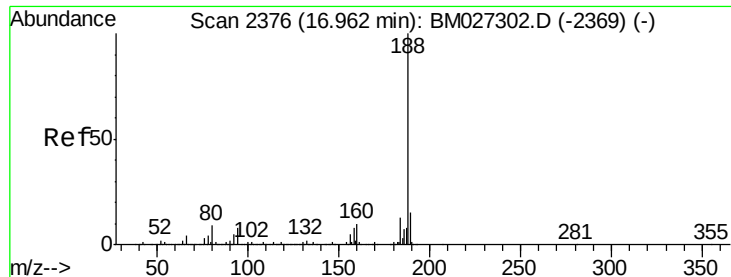


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

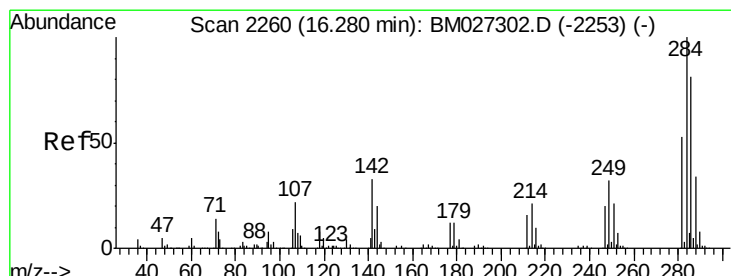
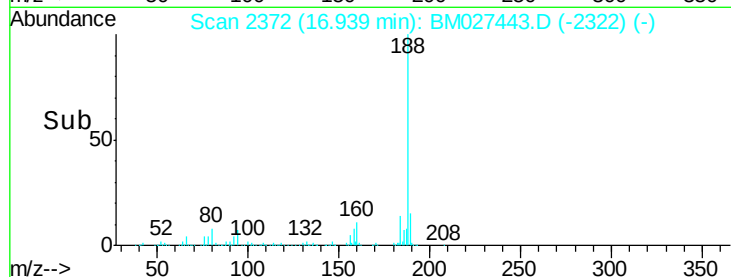
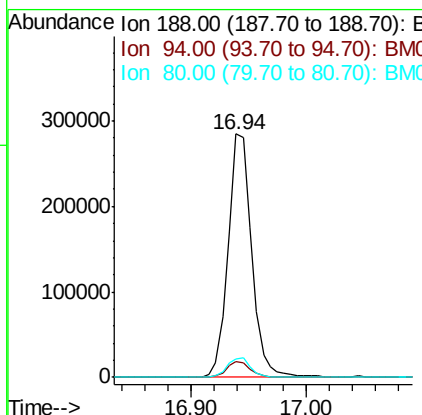
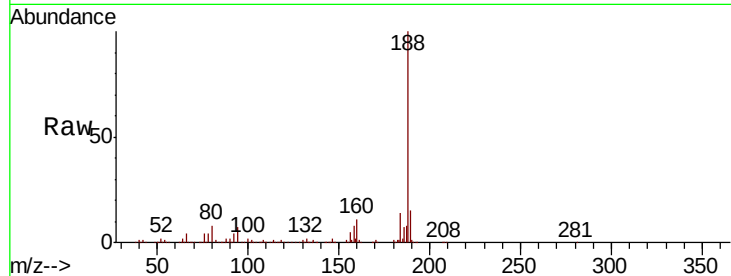




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

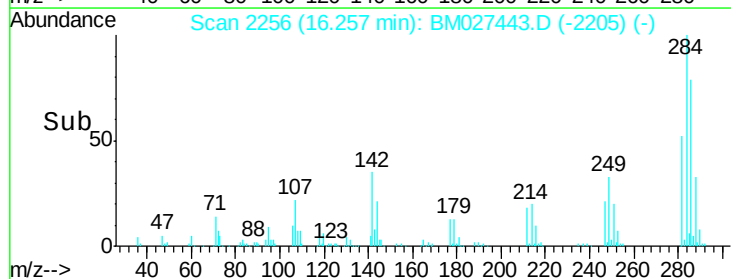
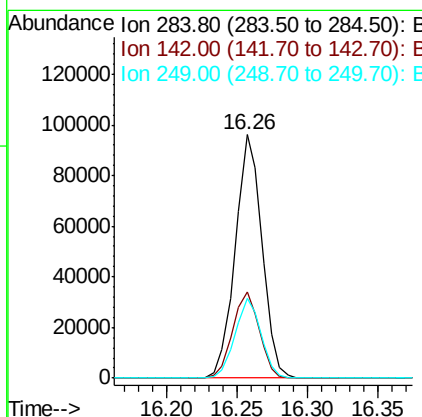
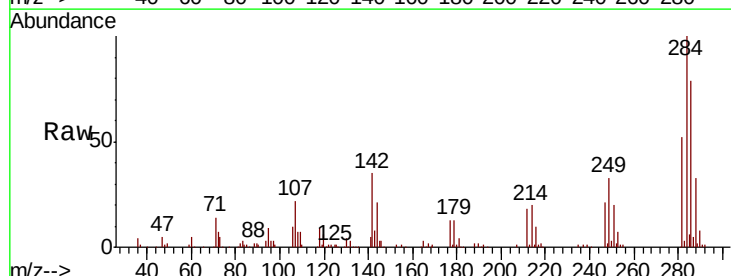
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

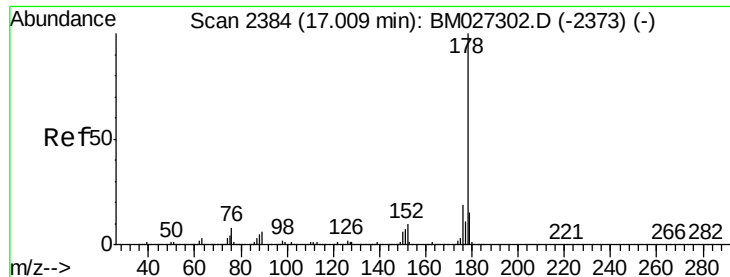
Tot Ion:188 Resp: 403607
Ion Ratio Lower Upper
188 100
94 6.5 6.2 9.4
80 7.7 7.5 11.3



#68
Hexachlorobenzene
Concen: 21.809 ng
RT: 16.26 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Tgt Ion:284 Resp: 126859
Ion Ratio Lower Upper
284 100
142 35.2 26.1 39.1
249 32.7 25.6 38.4

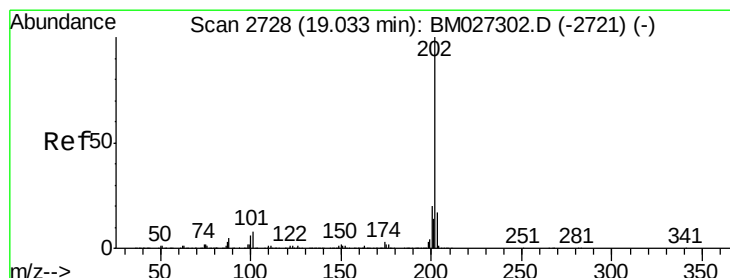
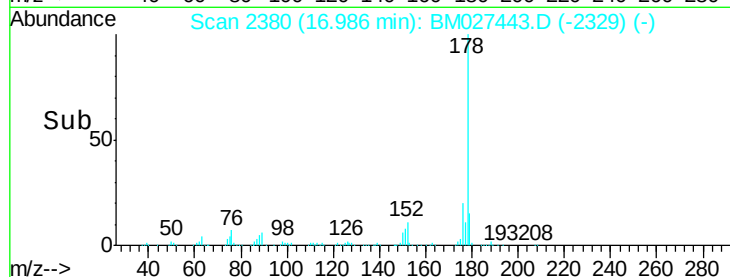
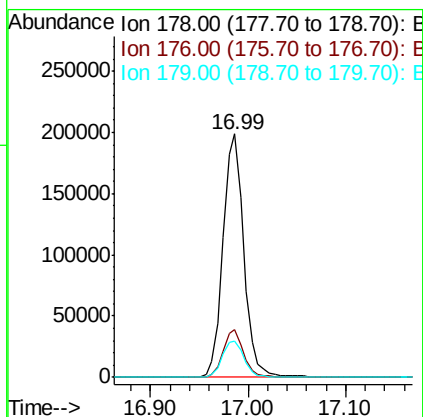
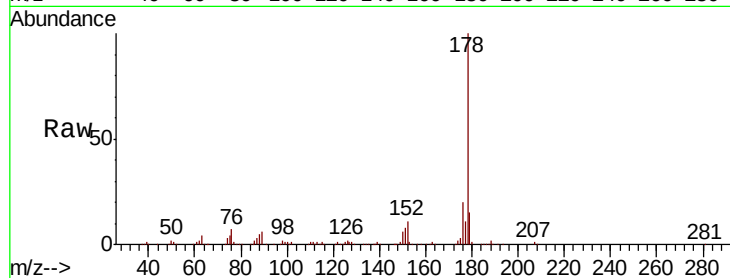




#71
Phenanthrene
Concen: 12.547 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

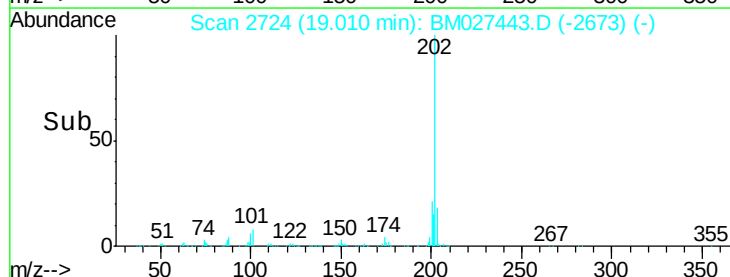
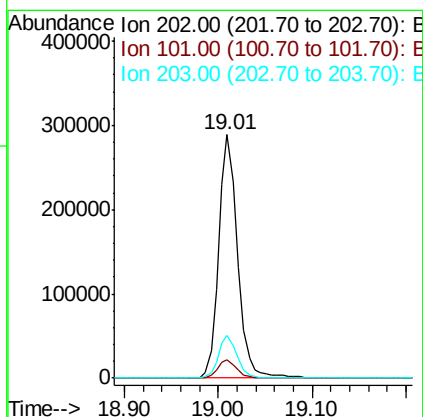
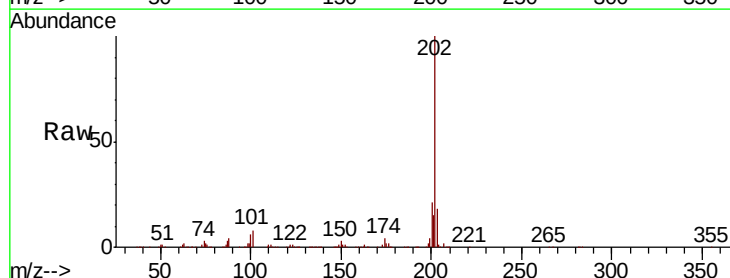
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

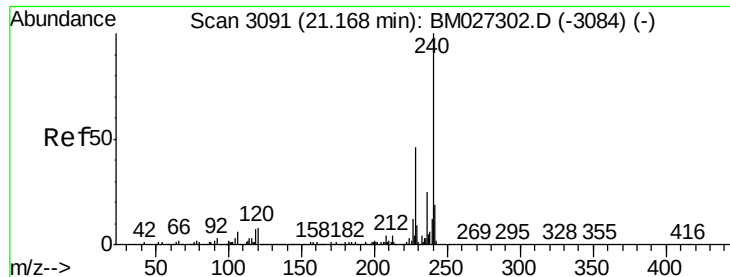
Tot Ion:178 Resp: 294473
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.6
179 14.9 12.2 18.4



#75
Fluoranthene
Concen: 14.264 ng
RT: 19.01 min Scan# 2724
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Tgt Ion:202 Resp: 406092
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.5
203 17.6 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: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

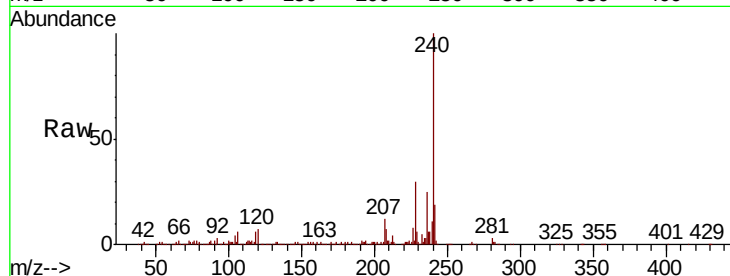
Tot Ion:240 Resp: 438117

Ion Ratio Lower Upper

240 100

120 7.0 6.4 9.6

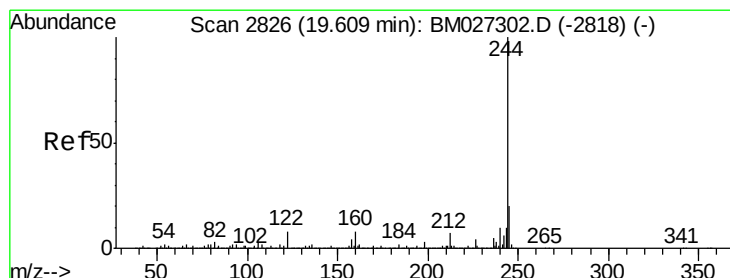
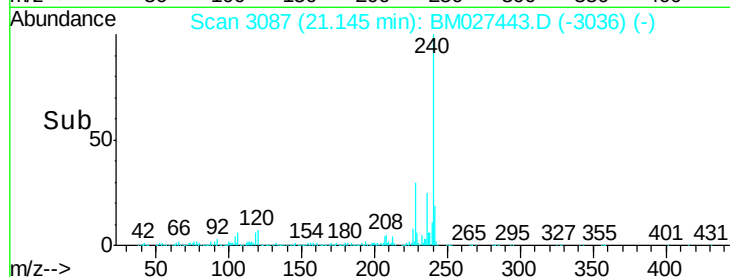
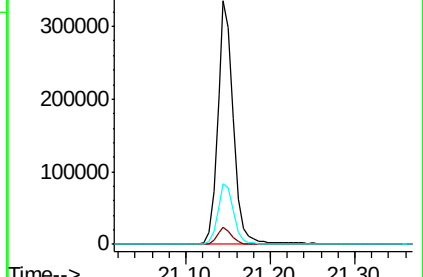
236 24.8 20.1 30.1



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



#79

Terphenyl-d14

Concen: 17.384 ng

RT: 19.59 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

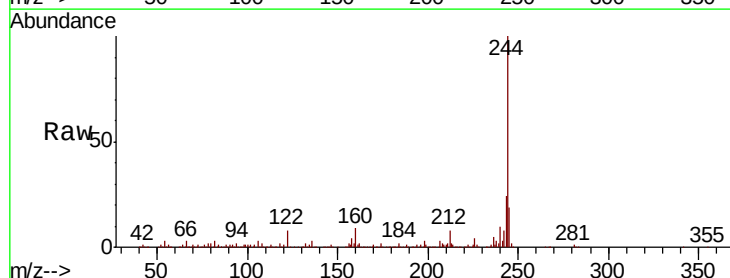
Tgt Ion:244 Resp: 437610

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

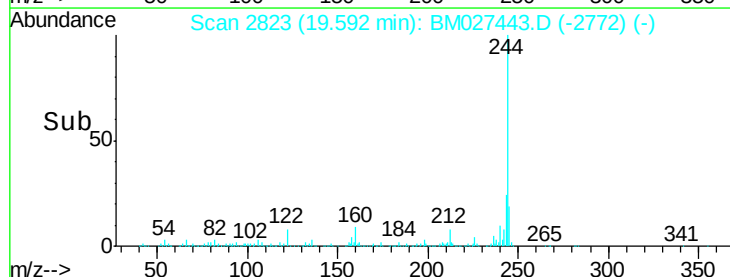
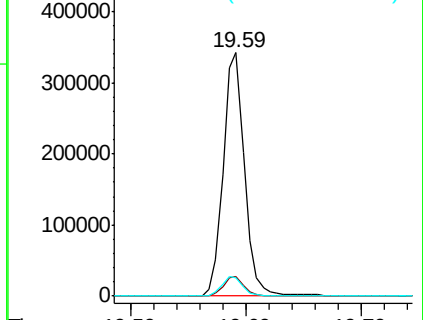
122 7.7 6.5 9.7

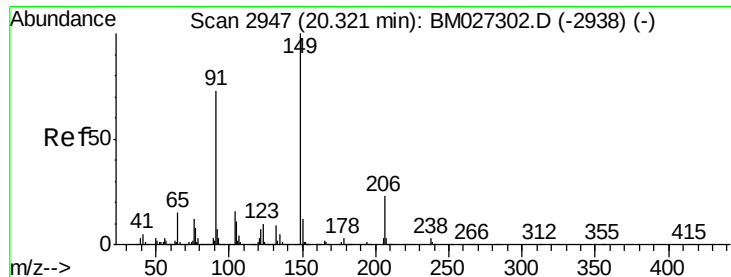


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

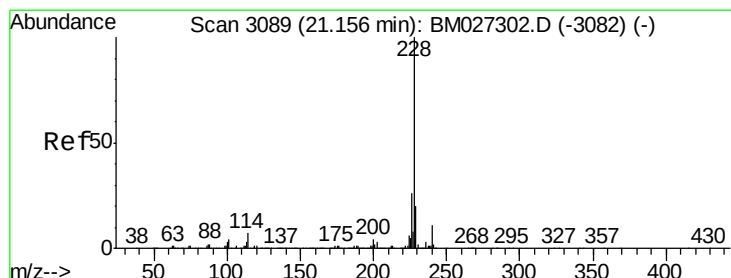
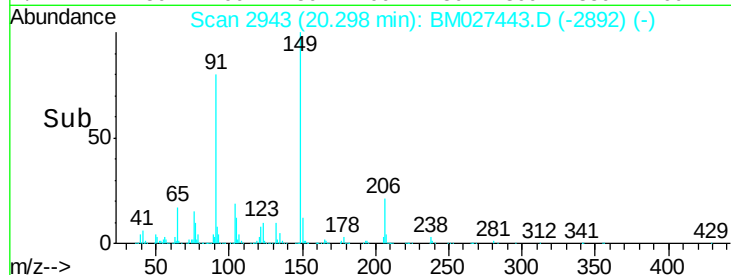
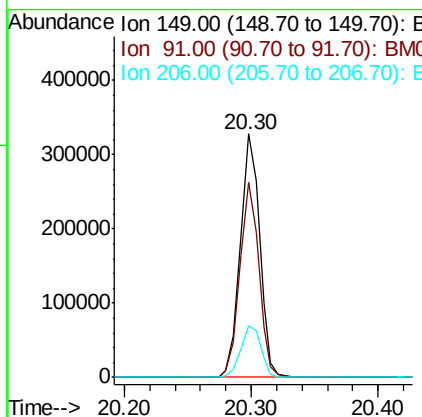
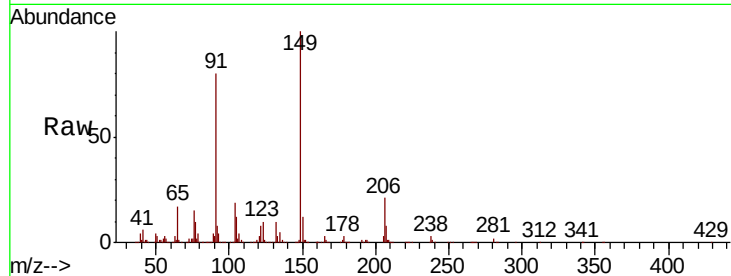




#80
Butylbenzylphthalate
Concen: 28.887 ng
RT: 20.30 min Scan# 2943
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

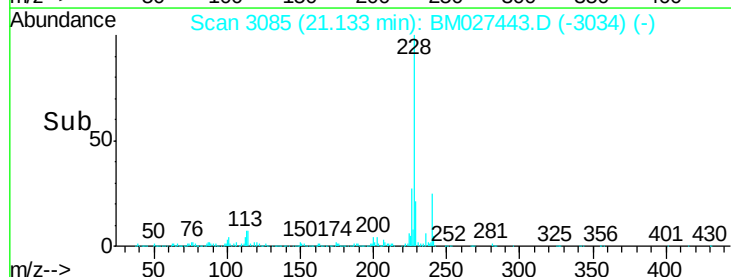
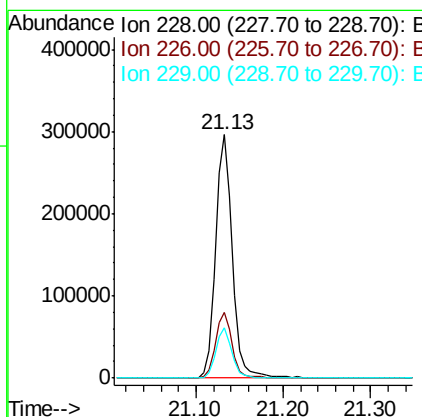
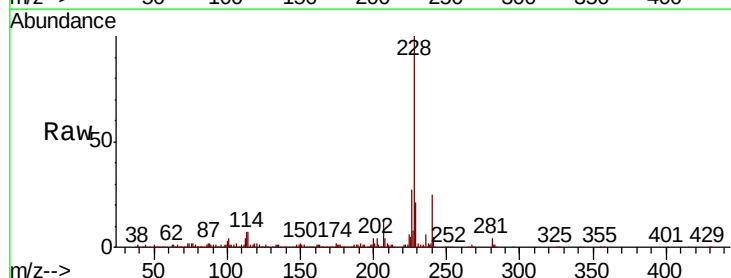
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

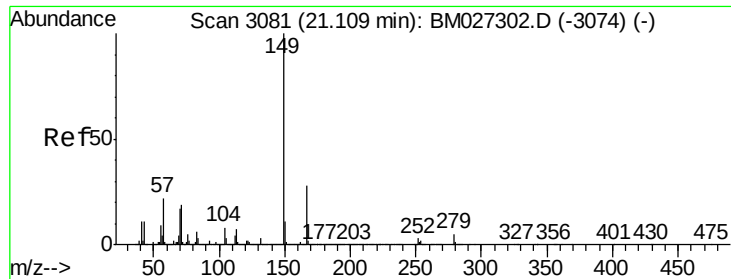
Tot Ion:149 Resp: 345543
Ion Ratio Lower Upper
149 100
91 79.9 58.1 87.1
206 21.2 18.7 28.1



#81
Benzo(a)anthracene
Concen: 13.480 ng
RT: 21.13 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Tgt Ion:228 Resp: 394308
Ion Ratio Lower Upper
228 100
226 26.9 21.1 31.7
229 20.5 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.140 ng

RT: 21.09 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampled :

PT-BN-WPDL

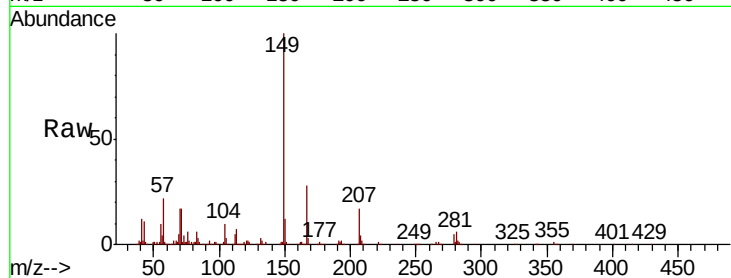
Tot Ion:149 Resp: 213252

Ion Ratio Lower Upper

149 100

167 27.8 22.7 34.1

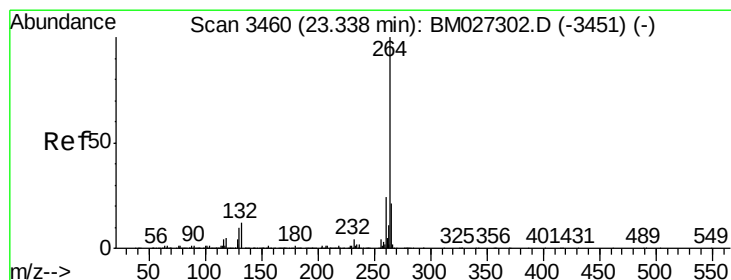
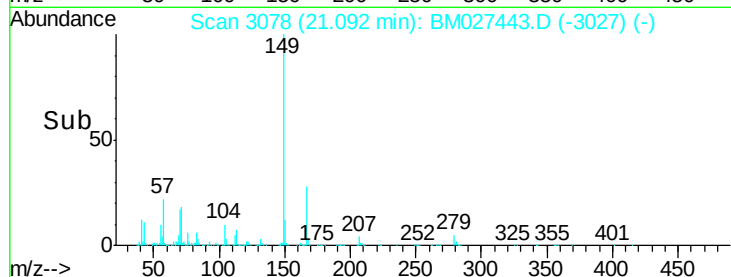
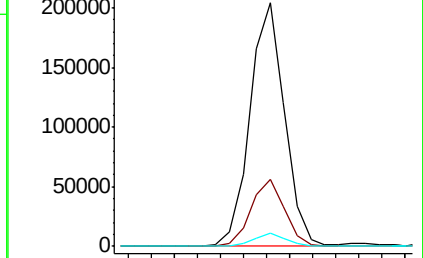
279 5.4 4.0 6.0



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: 23.32 min Scan# 3456

Delta R.T. 0.01 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

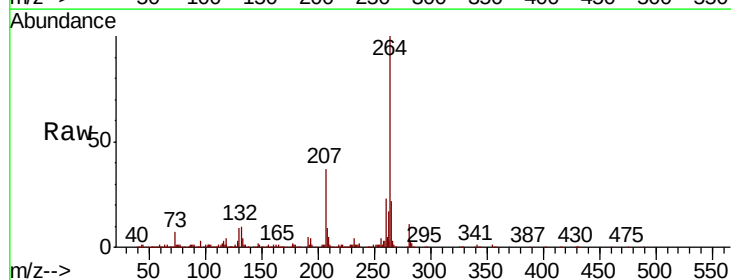
Tgt Ion:264 Resp: 456153

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

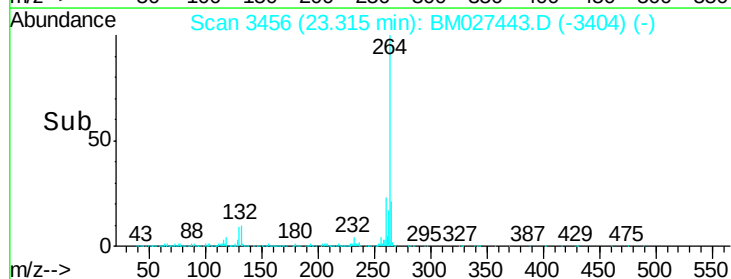
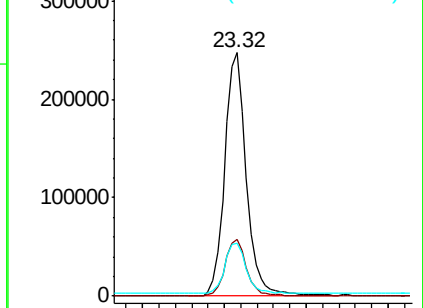
265 21.9 17.7 26.5

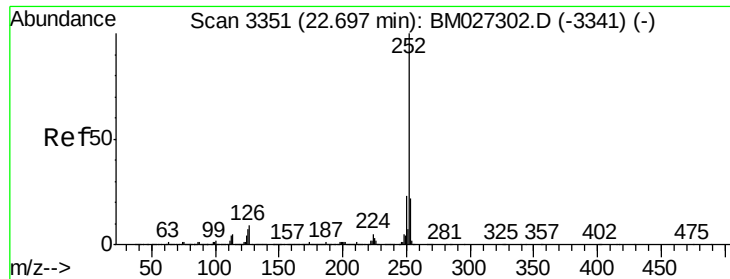


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 15.560 ng

RT: 22.67 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

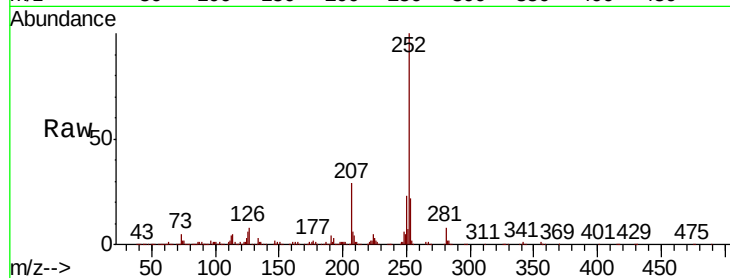
Tot Ion:252 Resp: 493702

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 6.4 5.7 8.5

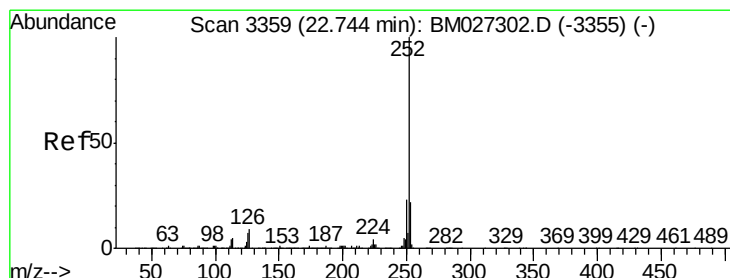
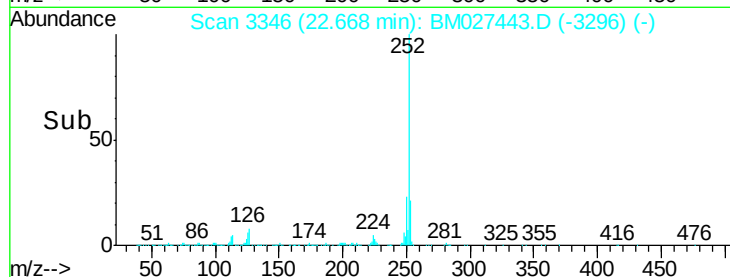
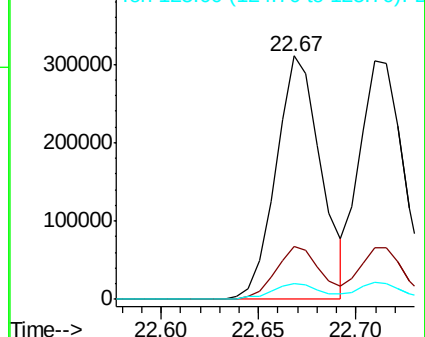


Abundance

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: 16.018 ng

RT: 22.71 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

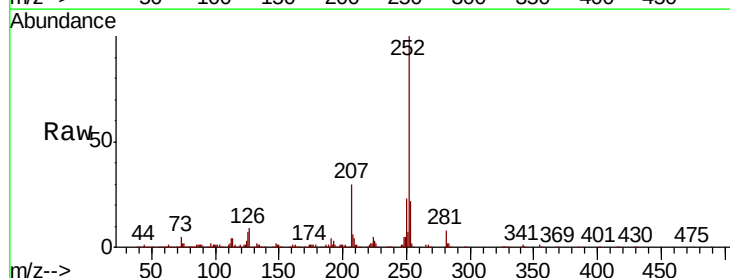
Tgt Ion:252 Resp: 491346

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 7.1 5.6 8.4

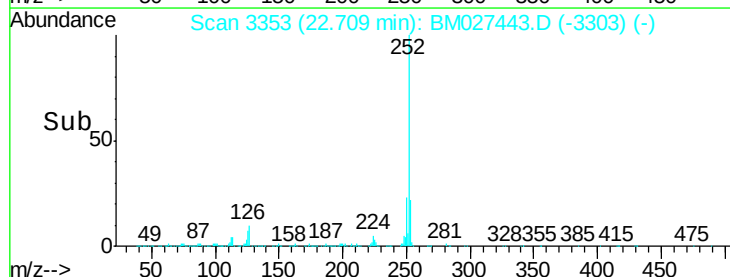
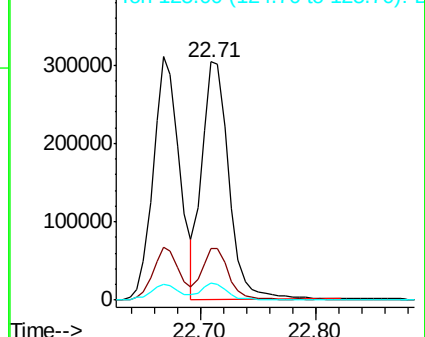


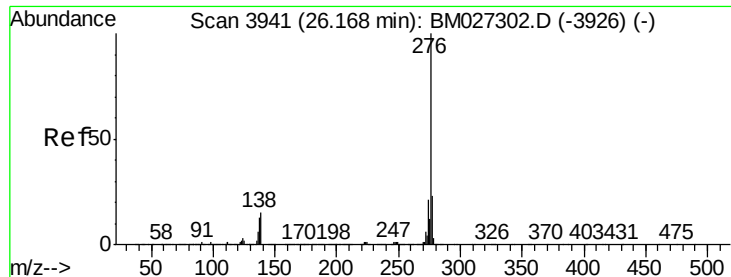
Abundance

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: 21.261 ng

RT: 26.12 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

Tot Ion: 276 Resp: 535321

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 14.3 12.2 18.2

