

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 16:08:14 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
6) Aniline	6.99	93	44537	5.342	ng	# 54
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
26) 2-Nitrophenol	9.27	139	6125	2.332	ng	# 32
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
33) 4-Chloroaniline	10.37	127	38060	5.764	ng	# 25
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
53) 3-Nitroaniline	14.25	138	376	3.294	ng	# 1
55) Dibenzofuran	14.60	168	432028	23.403	ng	98
56) 4-Nitrophenol	14.60	139	169107	65.988	ng	# 1
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
62) 4-Nitroaniline	15.25	138	2939	4.304	ng	# 25
66) n-Nitrosodiphenylamine	15.25	169	26361	2.111	ng	# 73
68) Hexachlorobenzene	16.26	284	126859	21.809	ng	97
71) Phenanthrene	16.99	178	294473	12.547	ng	98
72) Anthracene	16.99	178	294473	12.432	ng	98

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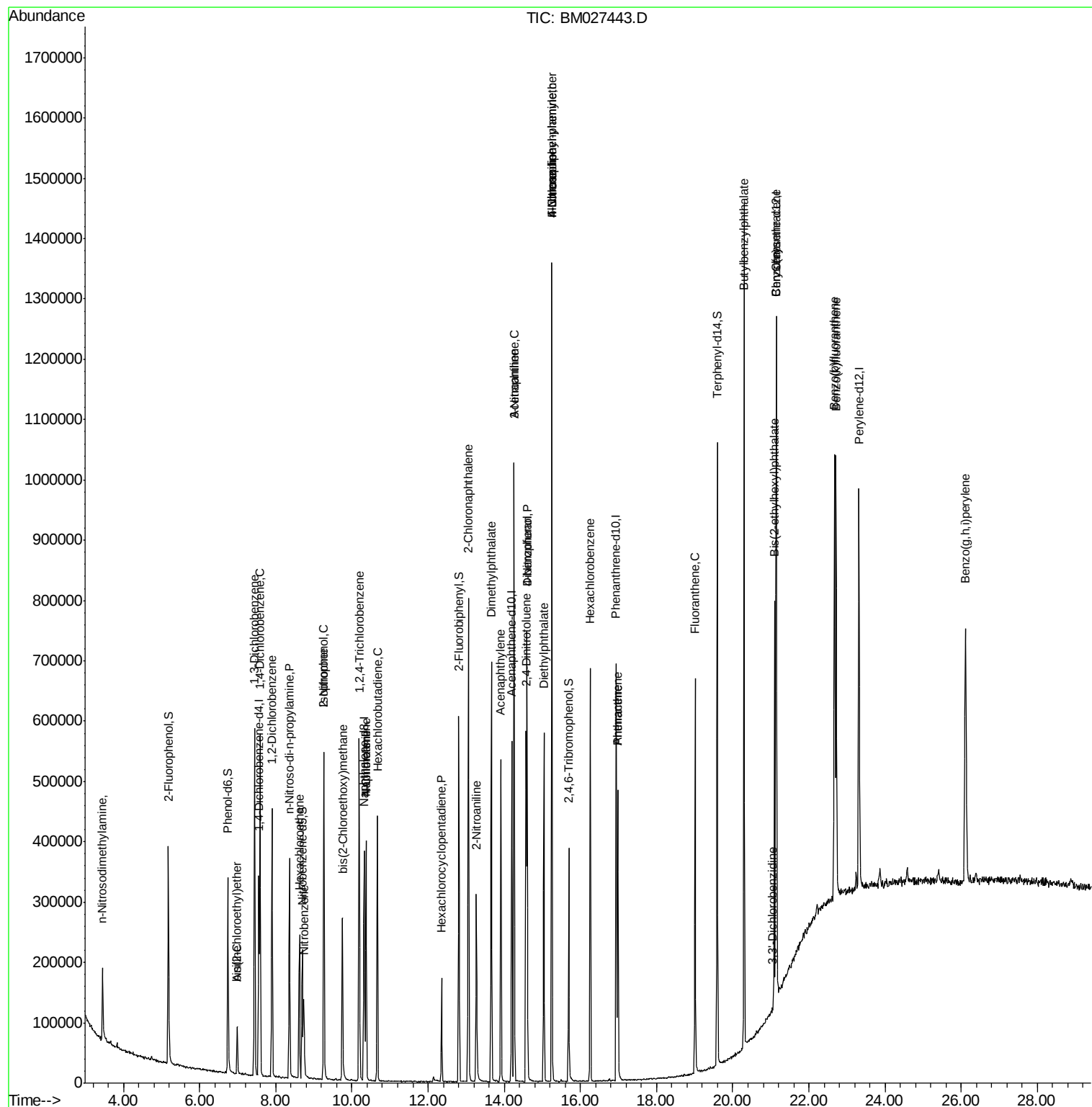
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	19.01	202	406092	14.264	nq	99
80) Butylbenzylphthalate	20.30	149	345543	28.887	nq	92
81) Benzo(a)anthracene	21.13	228	394308	13.480	nq	99
82) 3,3'-Dichlorobenzidine	21.04	252	163	3.397	nq #	25
83) Chrysene	21.13	228	394308	13.872	nq	97
84) Bis(2-ethylhexyl)phthalate	21.09	149	213252	13.140	nq	99
88) Benzo(b)fluoranthene	22.67	252	493702	15.560	nq	99
89) Benzo(k)fluoranthene	22.71	252	491346	16.018	nq	100
92) Benzo(a,h,i)perylene	26.12	276	535321	21.261	nq	99

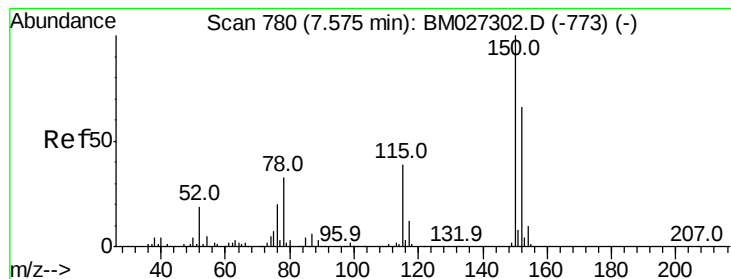
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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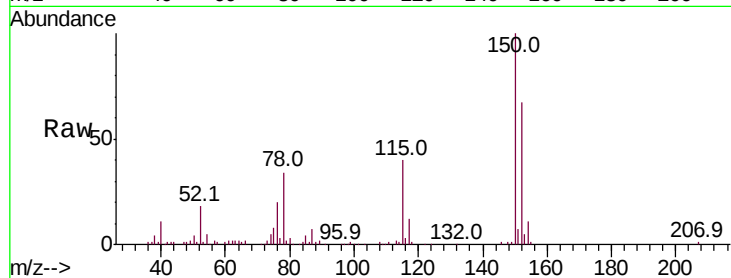


#1

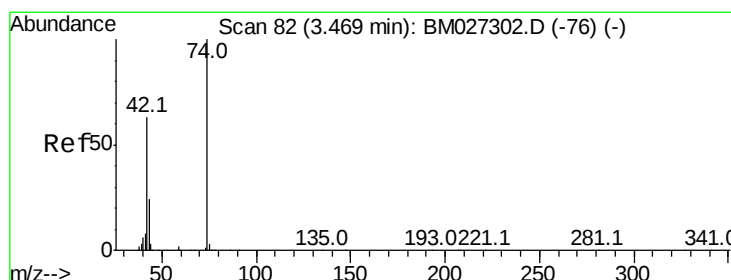
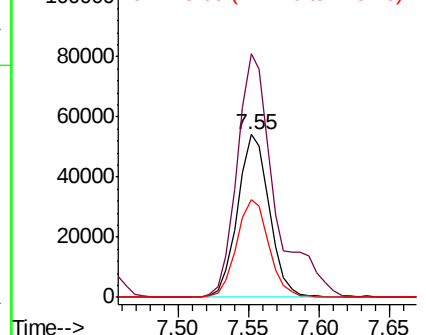
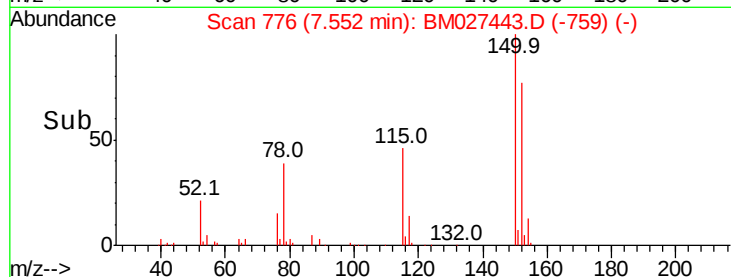
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 776
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

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



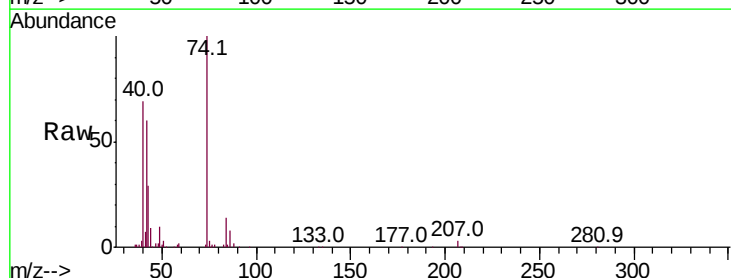
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



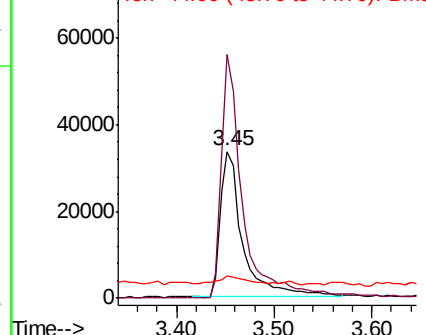
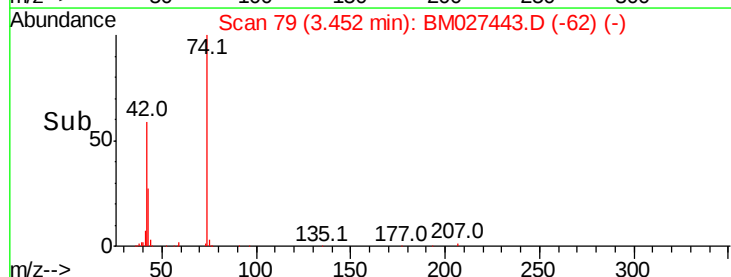
#4

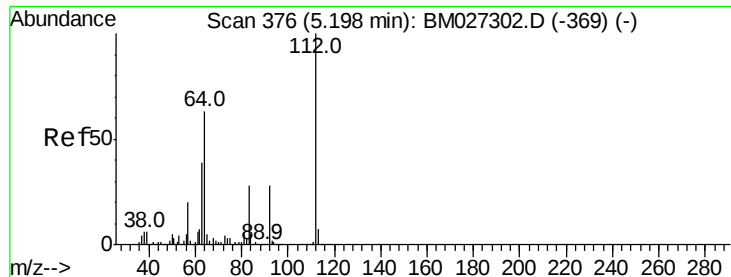
n-Nitrosodimethylamine
Concen: 21.601 ng
RT: 3.45 min Scan# 79
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

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

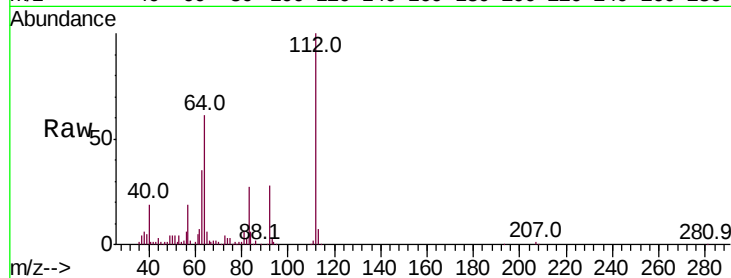
Tot Ion: 112 Resp: 147020

Ion Ratio Lower Upper

112 100

64 61.4 50.6 76.0

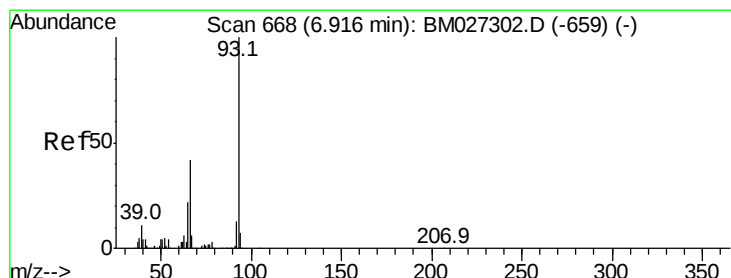
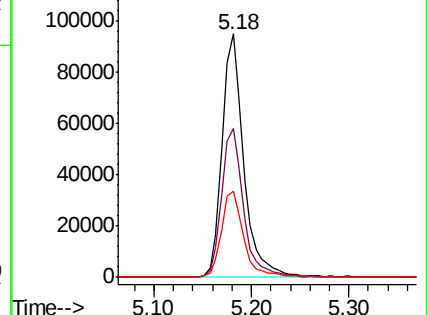
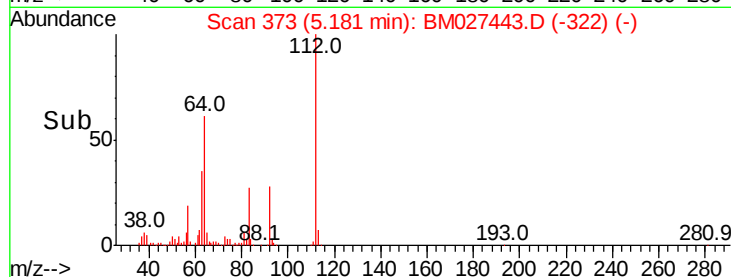
63 35.4 31.0 46.6



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



#6

Aniline

Concen: 5.342 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.10 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

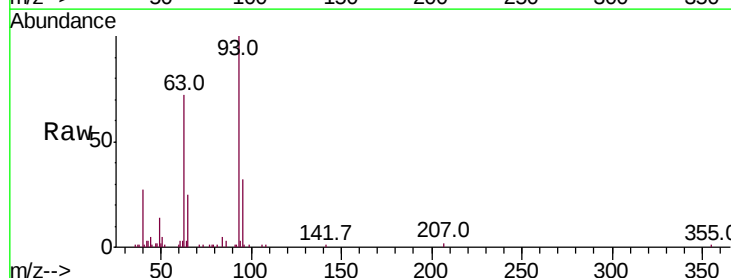
Tgt Ion: 93 Resp: 44537

Ion Ratio Lower Upper

93 100

66 0.0 33.3 49.9#

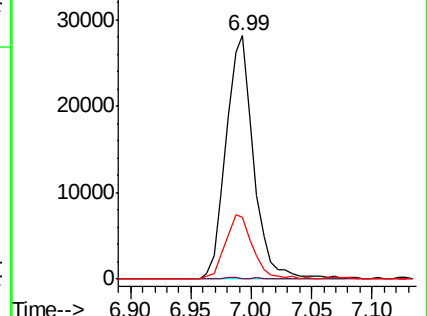
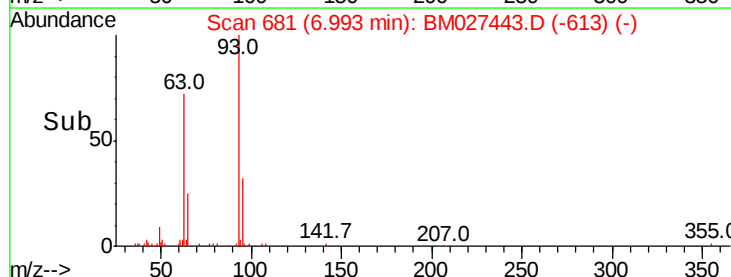
65 25.3 17.4 26.0

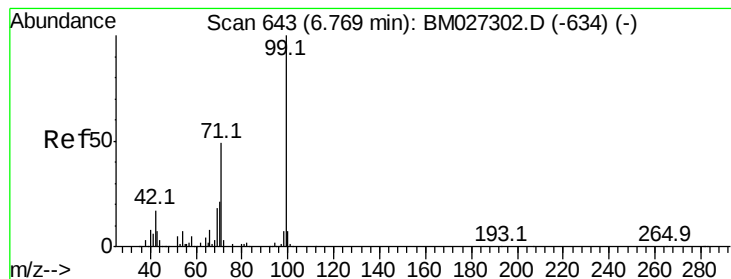


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): 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

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

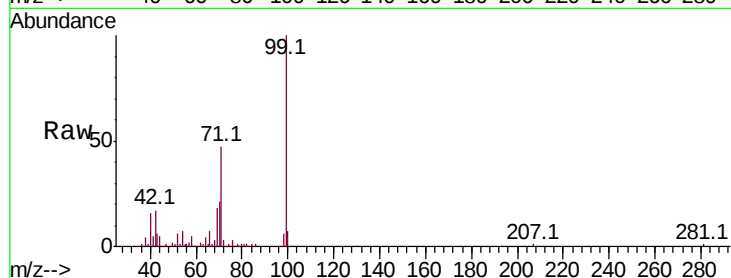
Tot Ion: 99 Resp: 176881

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

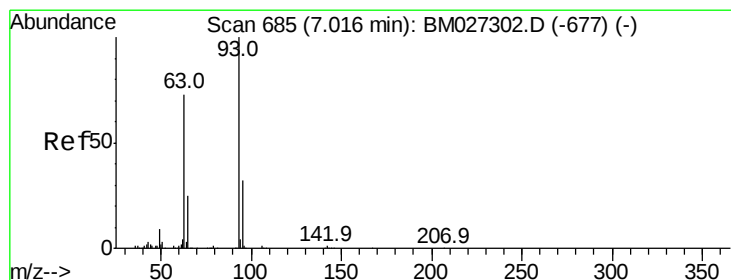
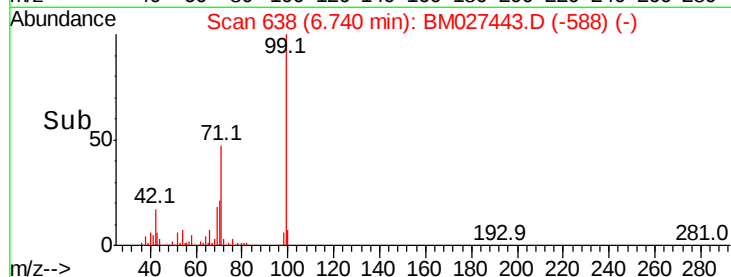
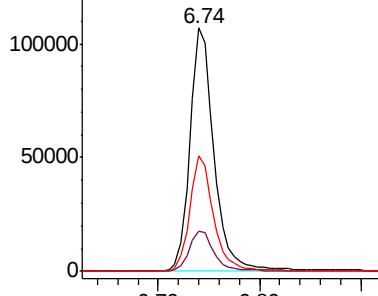
71 47.5 39.4 59.0



Abundance Ion 99.00 (98.70 to 99.70): BM027302.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM027302.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM027302.D (-634) (-)



#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

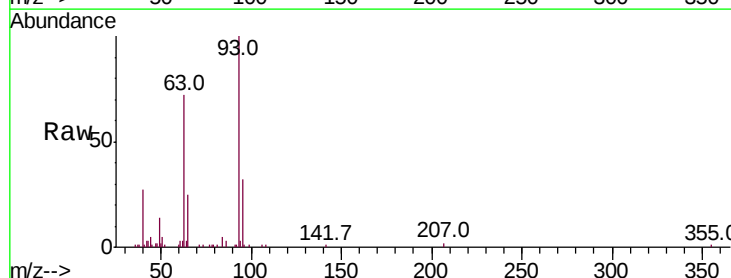
Tgt Ion: 93 Resp: 44537

Ion Ratio Lower Upper

93 100

63 72.5 53.1 93.1

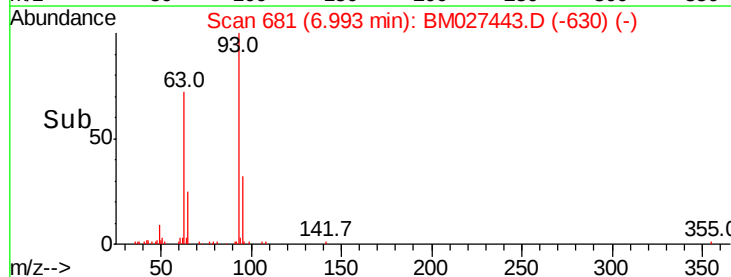
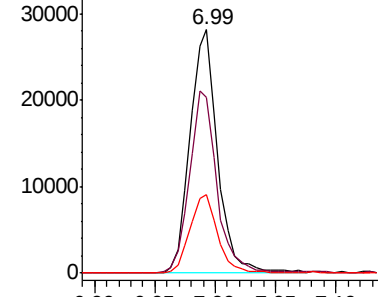
95 32.3 12.1 52.1

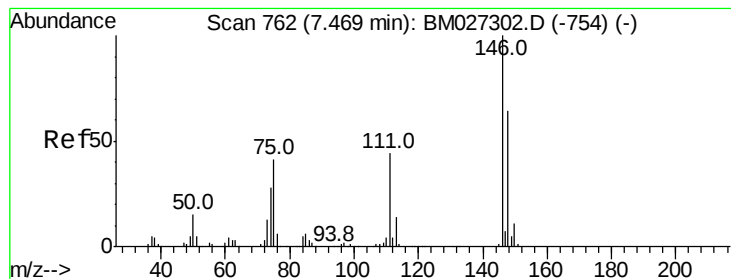


Abundance Ion 93.00 (92.70 to 93.70): BM027302.D (-677) (-)

Ion 63.00 (62.70 to 63.70): BM027302.D (-677) (-)

Ion 95.00 (94.70 to 95.70): BM027302.D (-677) (-)





#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

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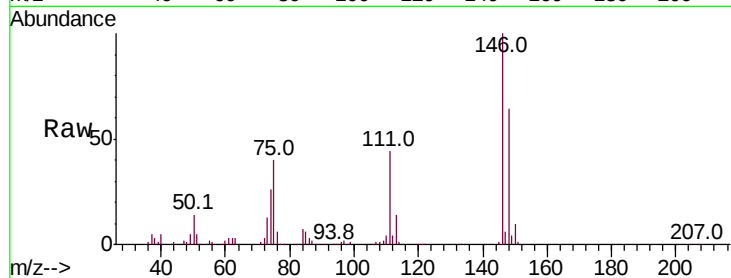
Tot Ion:146 Resp: 215816

Ion Ratio Lower Upper

146 100

148 63.5 51.6 77.4

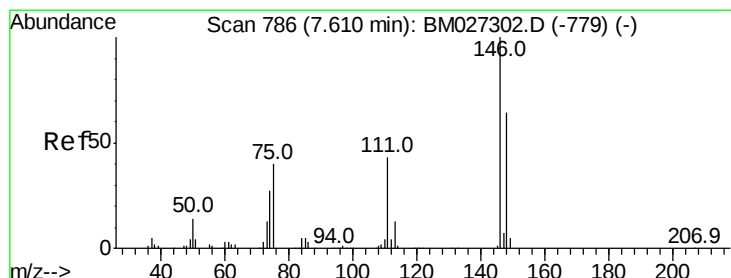
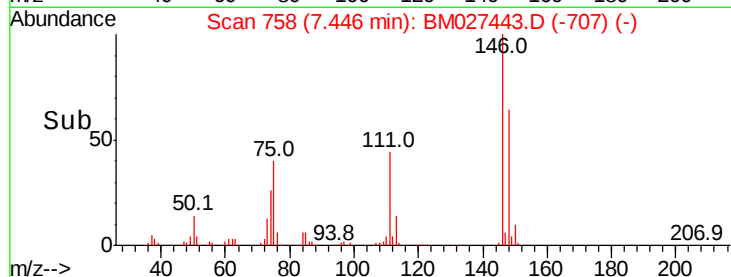
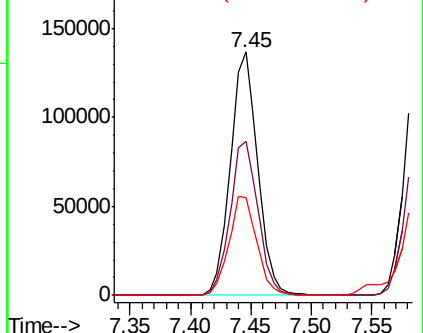
75 40.3 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM



#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

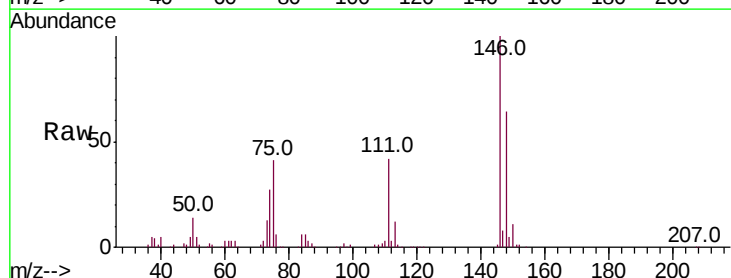
Tgt Ion:146 Resp: 205466

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

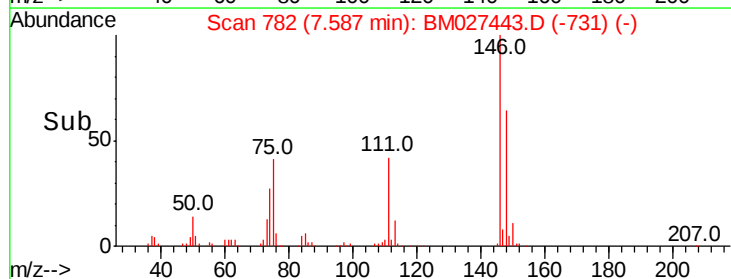
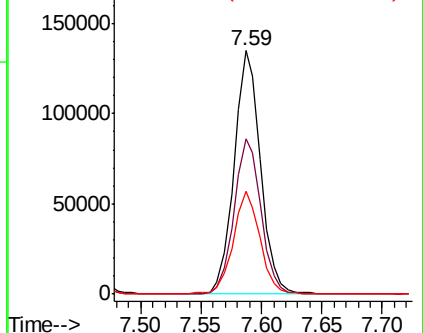
111 42.3 34.4 51.6

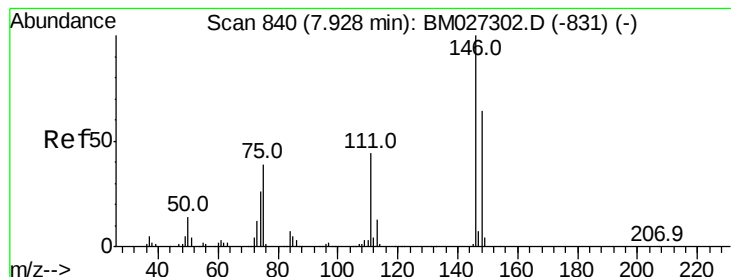


Abundance Ion 146.00 (145.70 to 146.70): E

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

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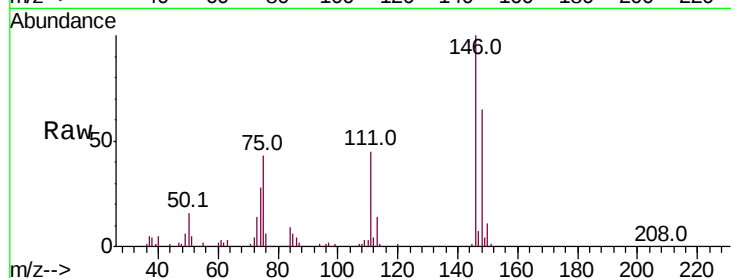
Tot Ion:146 Resp: 164454

Ion Ratio Lower Upper

146 100

148 65.3 51.3 76.9

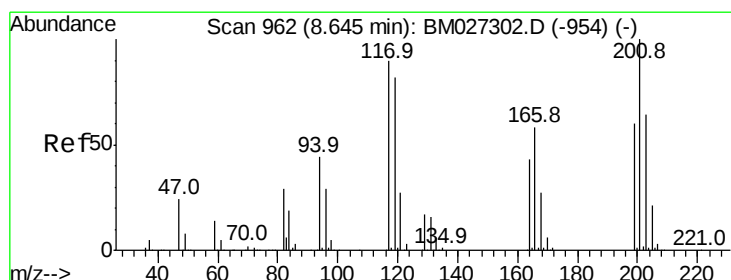
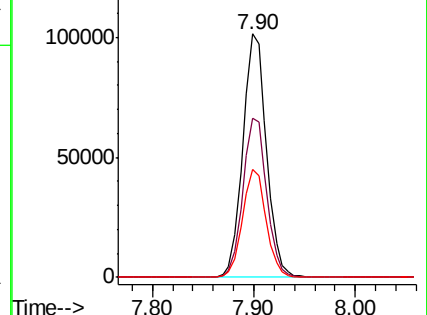
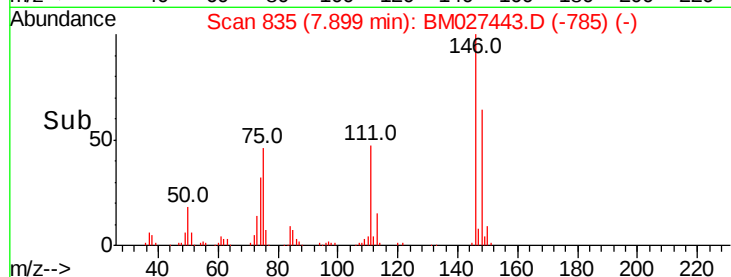
111 44.5 35.4 53.0



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

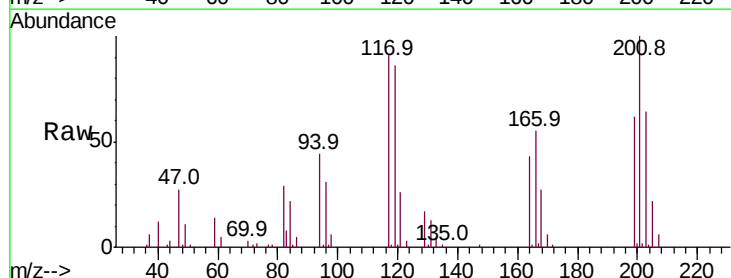
Tgt Ion:117 Resp: 42677

Ion Ratio Lower Upper

117 100

119 94.5 73.1 109.7

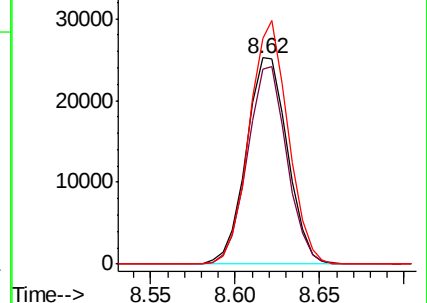
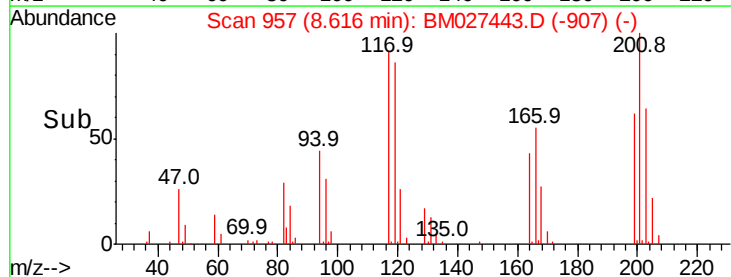
201 112.1 88.7 133.1

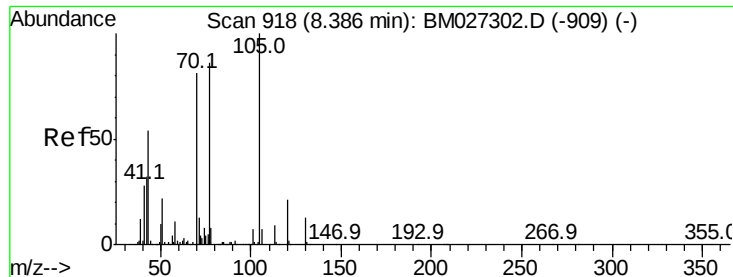


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

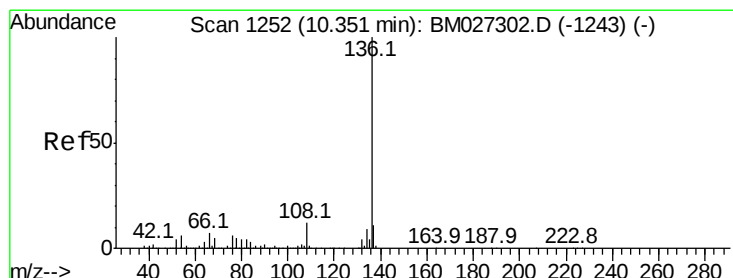
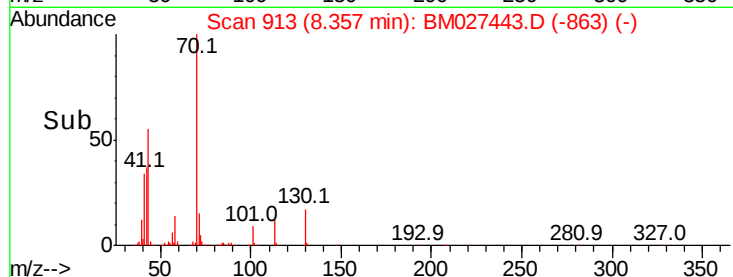
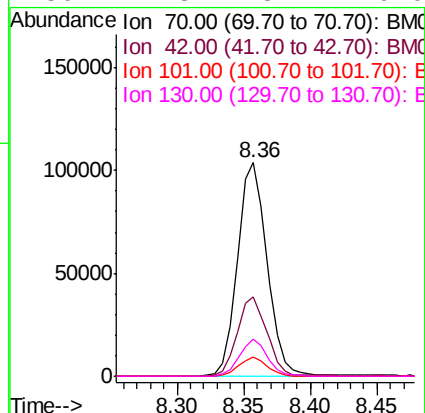
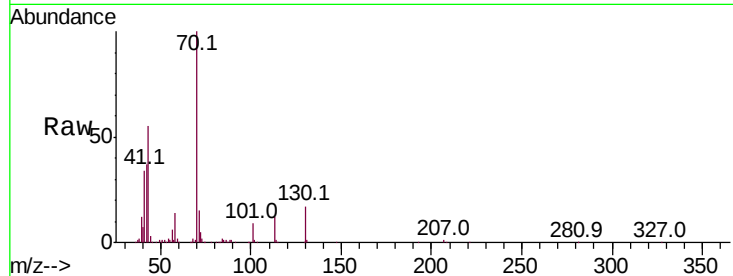




#19
n-Nitroso-di-n-propylamine
Concen: 29.310 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

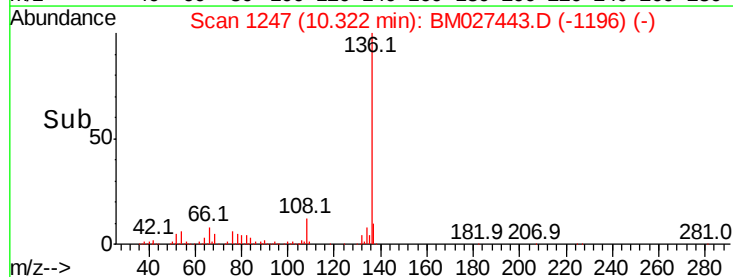
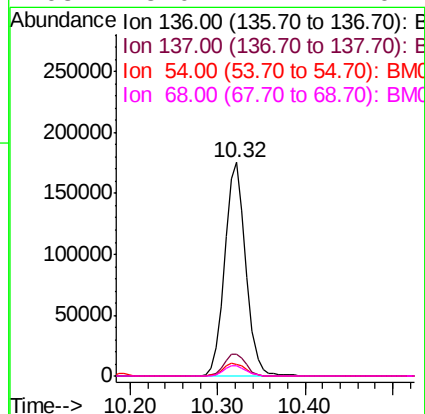
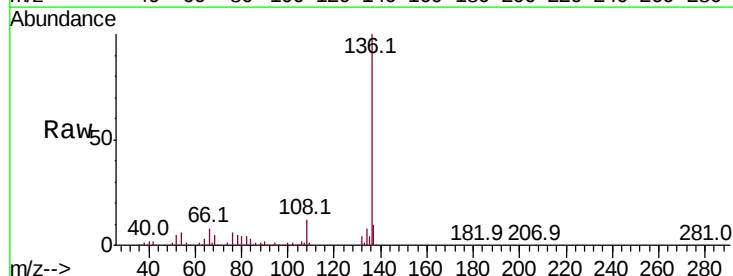
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

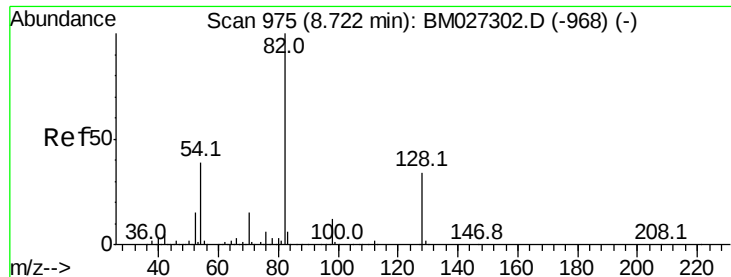
Tot Ion:	70	Resp:	160091
Ion	Ratio	Lower	Upper
70	100		
42	37.0	31.9	47.9
101	9.0	7.0	10.4
130	17.3	13.4	20.0



#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

Tgt 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

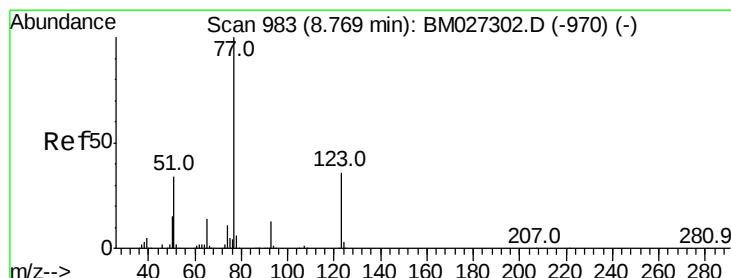
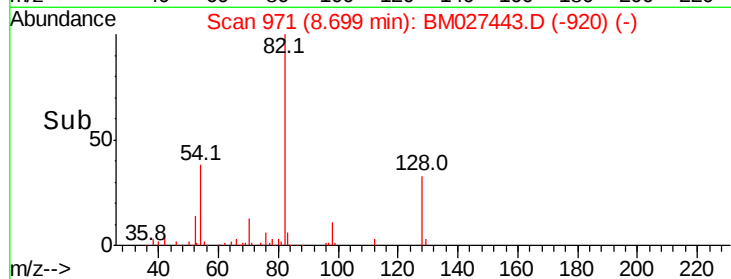
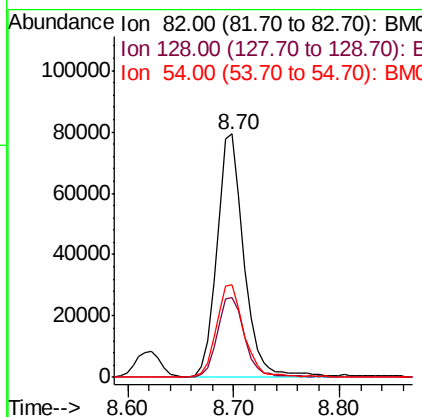
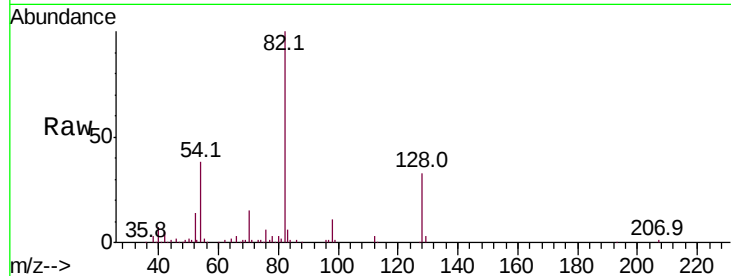




#23
 Nitrobenzene-d5
 Concen: 20.921 ng
 RT: 8.70 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BM027443.D
 Acq: 16 Sep 2020 15:32

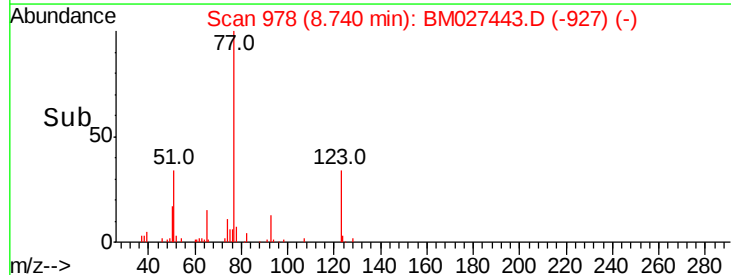
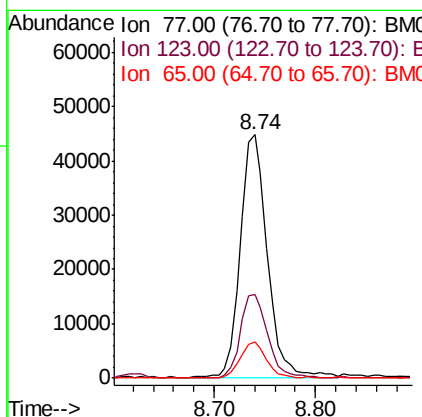
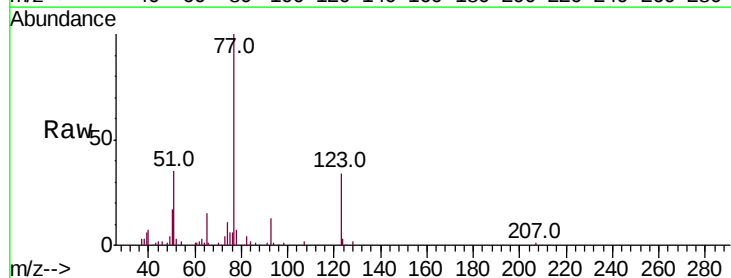
Instrument :
 BNA_M
 ClientSampleID :
 PT-BN-WPDL

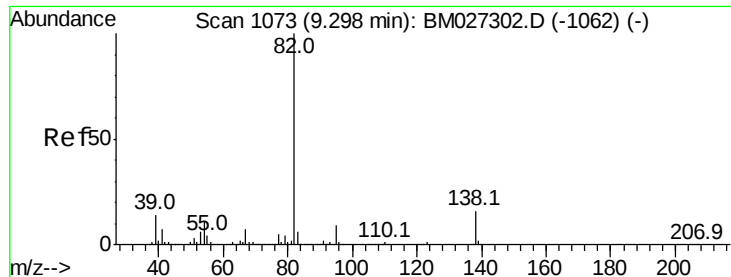
Tot Ion: 82 Resp: 142188
 Ion Ratio Lower Upper
 82 100
 128 32.7 27.4 41.0
 54 38.2 31.4 47.0



#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

Tgt Ion: 77 Resp: 83603
 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

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

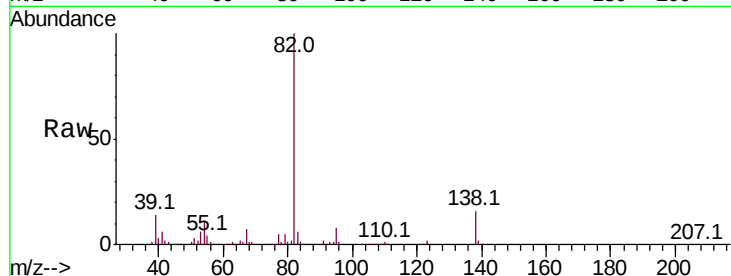
Tot Ion: 82 Resp: 383800

Ion Ratio Lower Upper

82 100

95 8.2 6.8 10.2

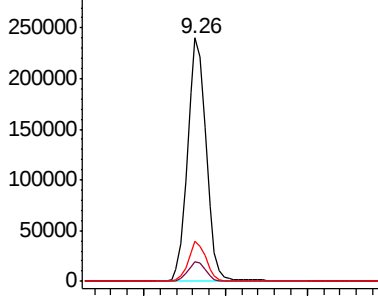
138 16.4 13.1 19.7



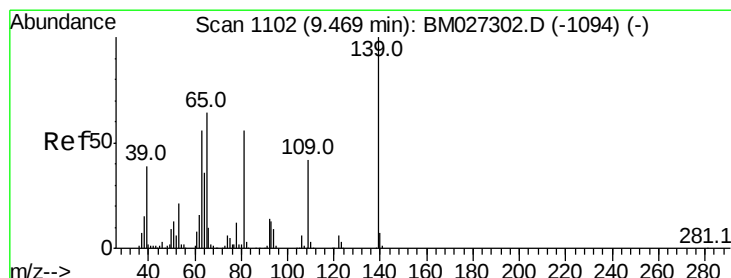
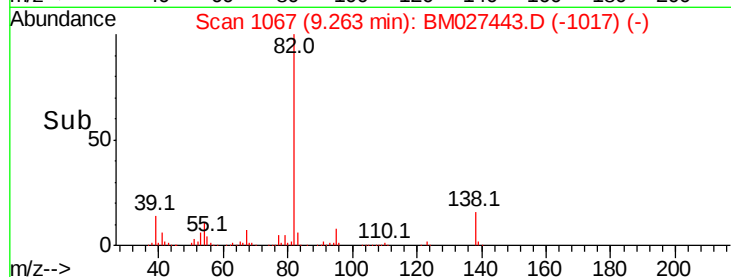
Abundance Ion 82.00 (81.70 to 82.70): BM027302.D (-1062) (-)

Ion 95.00 (94.70 to 95.70): BM027302.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM027302.D (-1062) (-)



Time-->



#26

2-Nitrophenol

Concen: 2.332 ng

RT: 9.27 min Scan# 1068

Delta R.T. -0.18 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

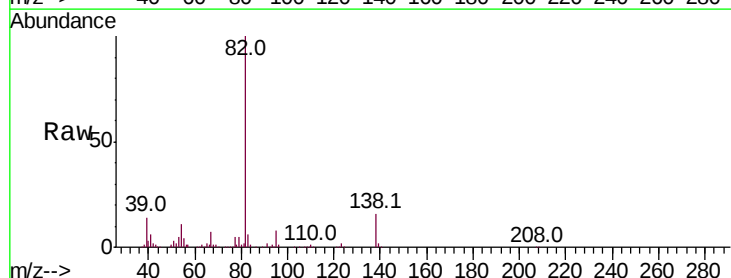
Tgt Ion: 139 Resp: 6125

Ion Ratio Lower Upper

139 100

109 26.6 33.8 50.8#

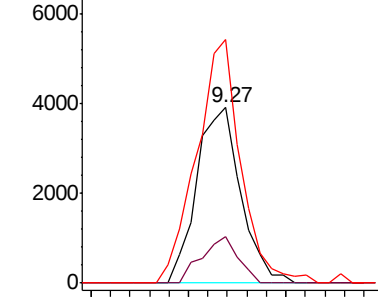
65 138.9 51.0 76.6#



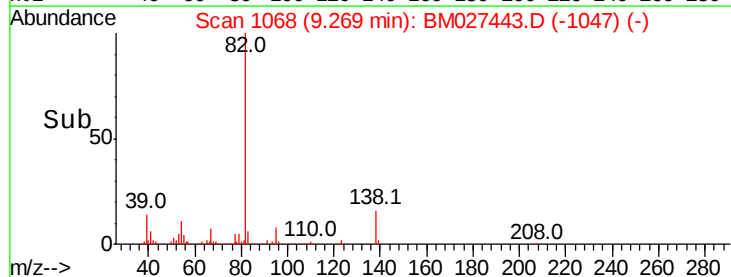
Abundance Ion 139.00 (138.70 to 139.70): BM027302.D (-1094) (-)

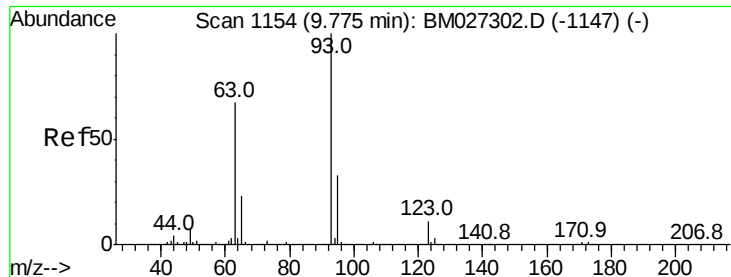
Ion 109.00 (108.70 to 109.70): BM027302.D (-1094) (-)

Ion 65.00 (64.70 to 65.70): BM027302.D (-1094) (-)



Time-->

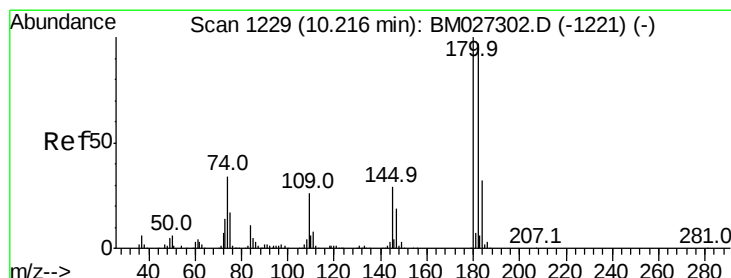
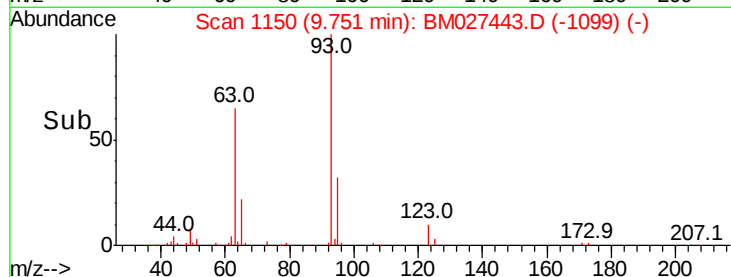
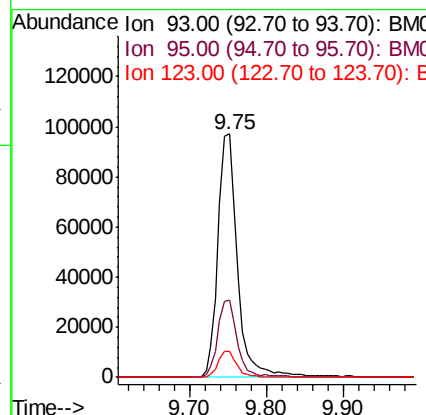
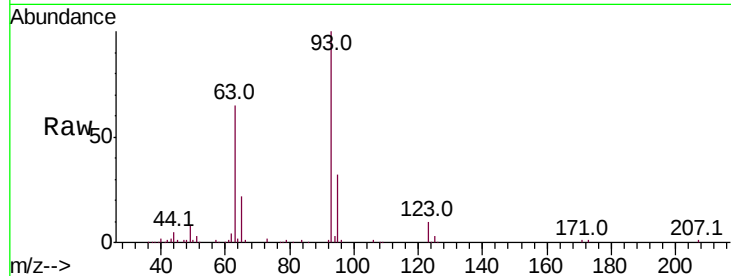




#28
bis(2-Chloroethoxy)methane
Concen: 24.819 ng
RT: 9.75 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

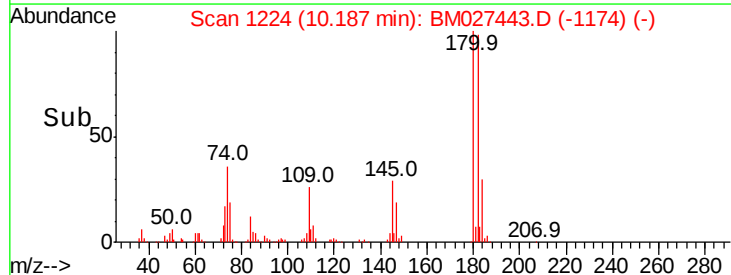
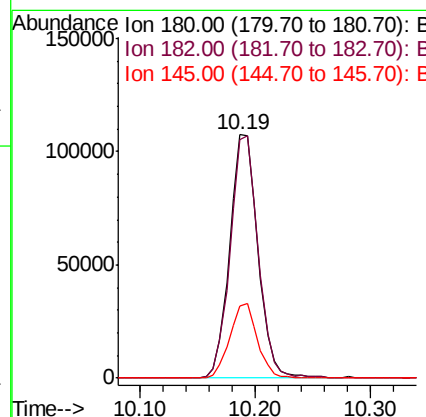
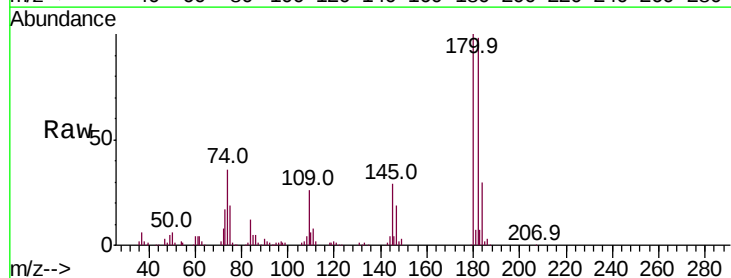
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

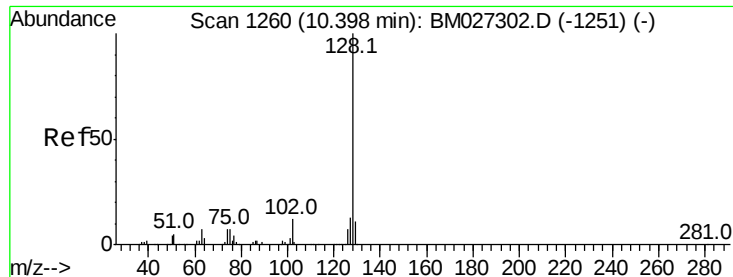
Tot Ion: 93 Resp: 170242
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 10.4 8.6 12.8



#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

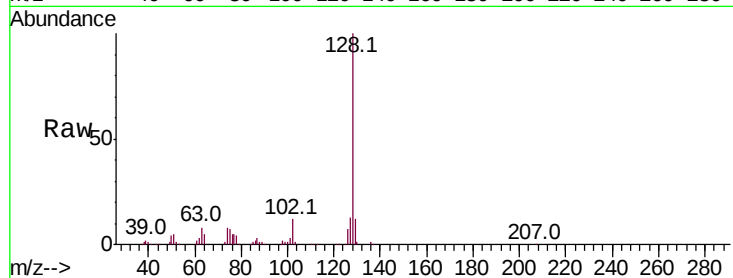
Tot Ion:128 Resp: 292011

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.4

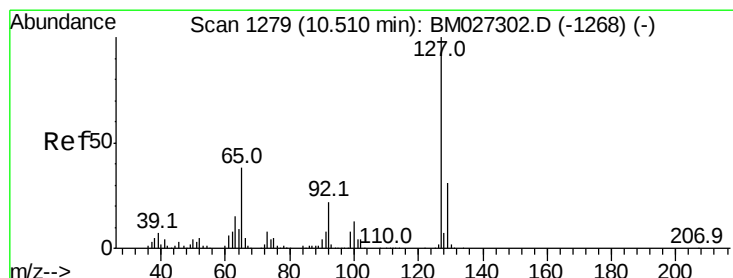
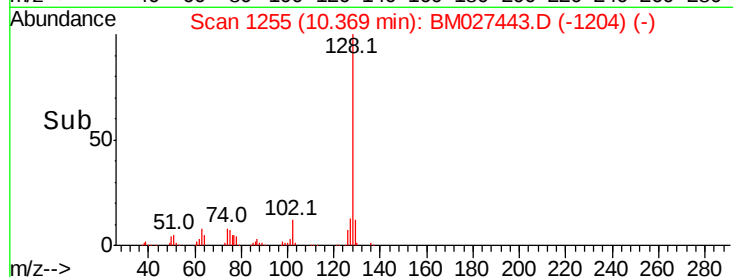
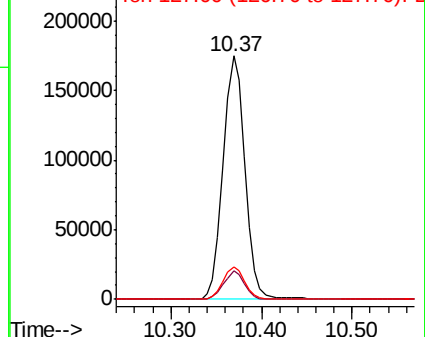
127 13.1 10.6 15.8



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



#33

4-Chloroaniline

Concen: 5.764 ng

RT: 10.37 min Scan# 1255

Delta R.T. -0.12 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Tgt Ion:127 Resp: 38060

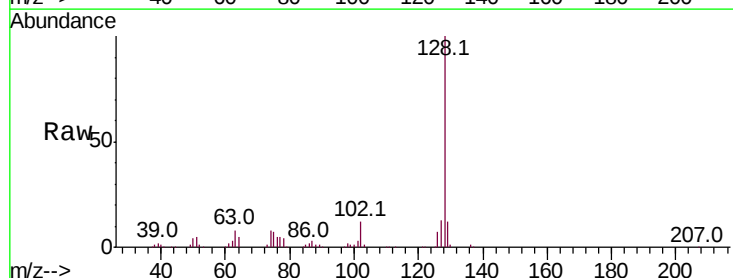
Ion Ratio Lower Upper

127 100

129 91.5 24.7 37.1#

65 0.0 30.2 45.4#

92 0.0 17.8 26.8#

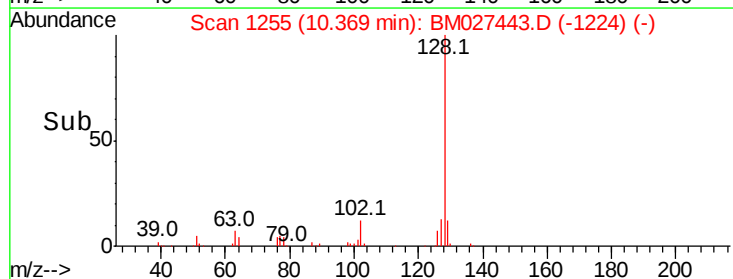
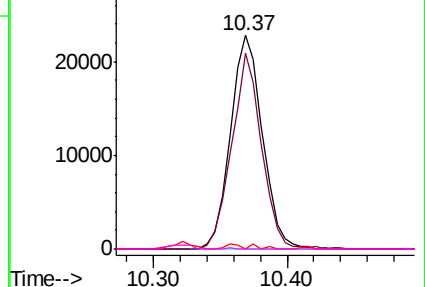


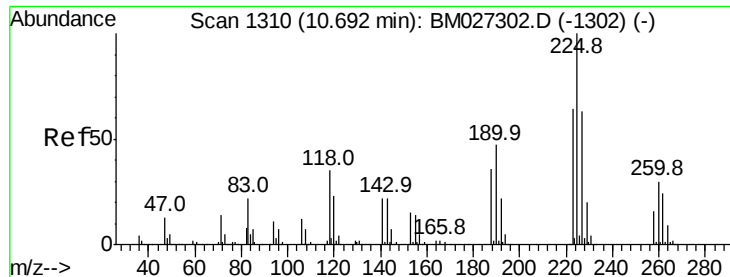
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BMC

Ion 92.00 (91.70 to 92.70): BMC

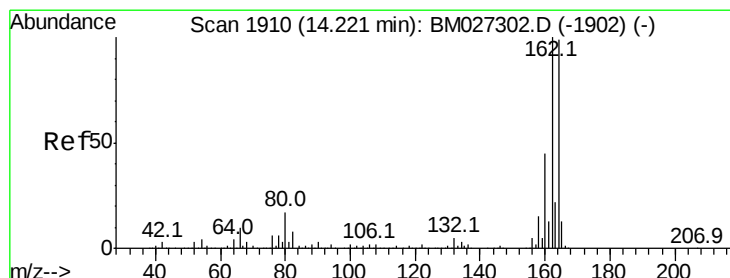
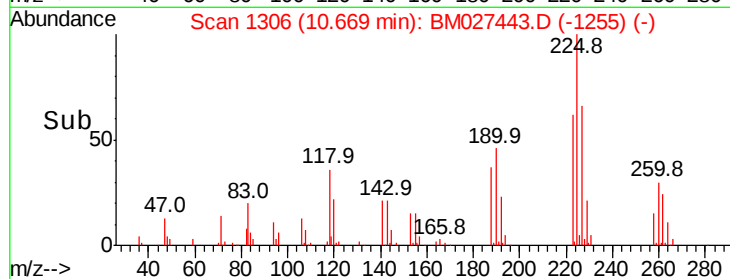
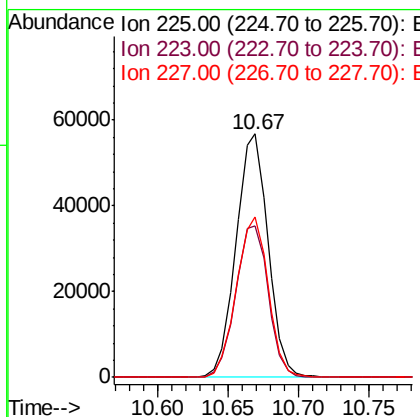
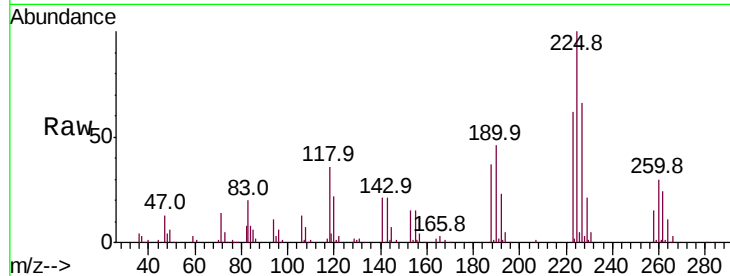




#34
Hexachlorobutadiene
Concen: 21.649 ng
RT: 10.67 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

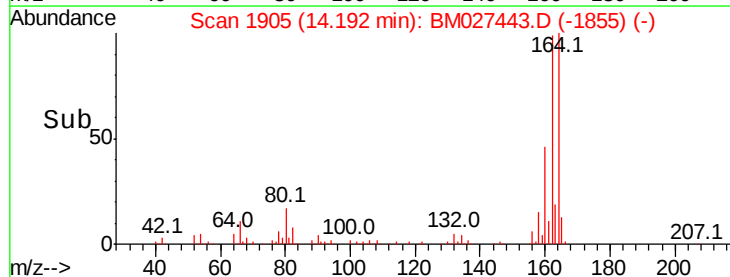
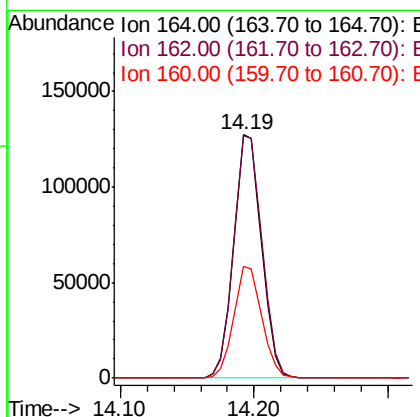
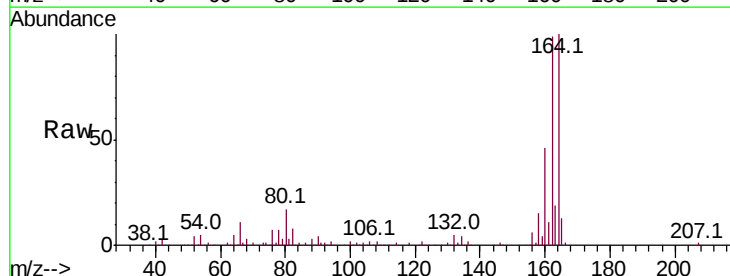
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

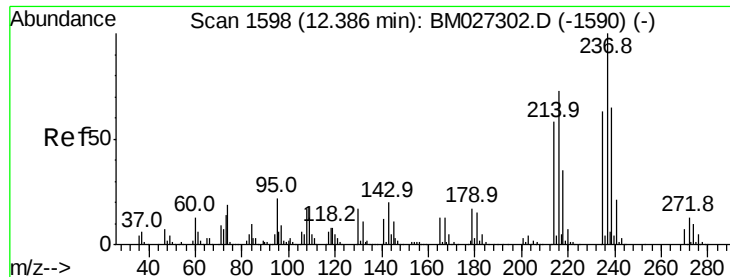
Tot Ion:	225	Resp:	90208
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.4
227	65.7	50.6	75.8



#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

Tgt Ion:	164	Resp:	185041
Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.4	120.6
160	45.8	35.9	53.9





#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

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

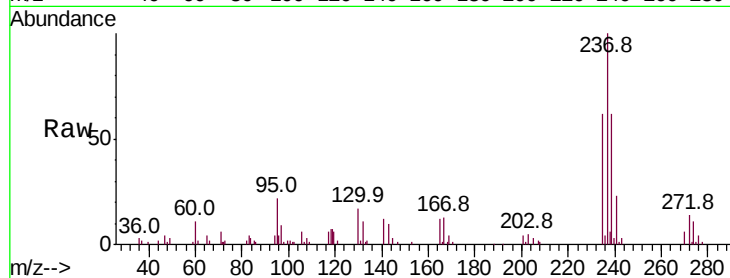
Tot Ion:237 Resp: 45265

Ion Ratio Lower Upper

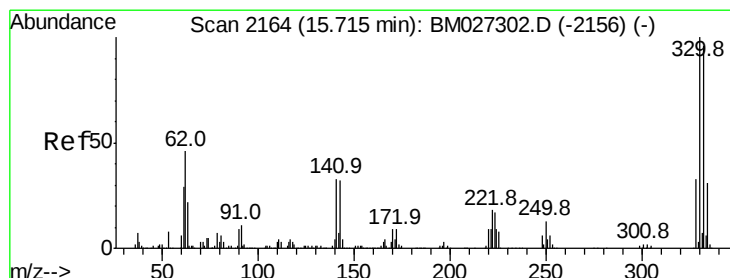
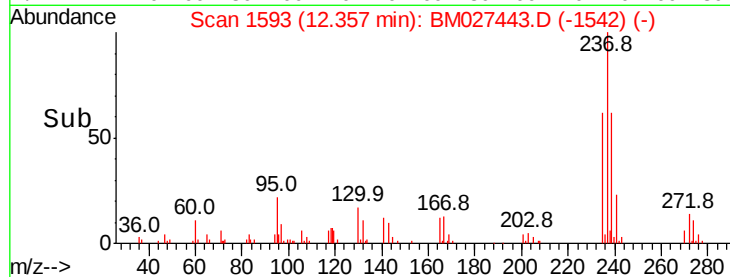
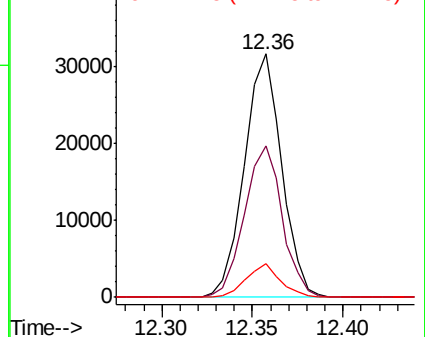
237 100

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

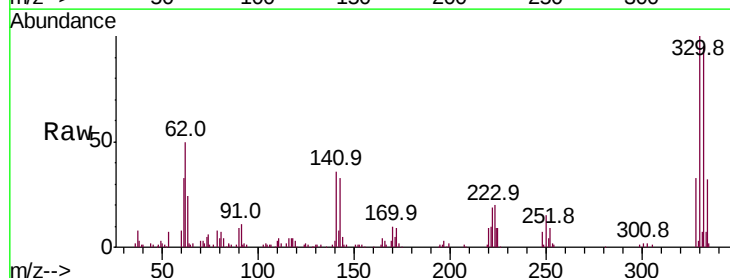
Tgt Ion:330 Resp: 70469

Ion Ratio Lower Upper

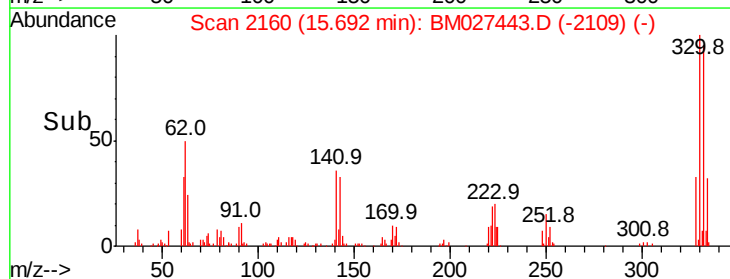
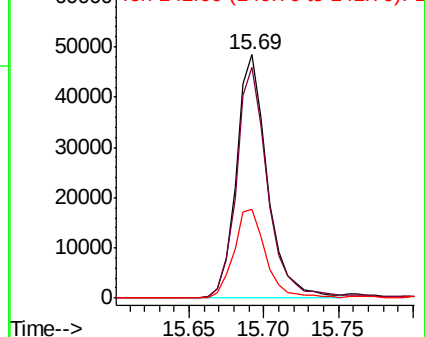
330 100

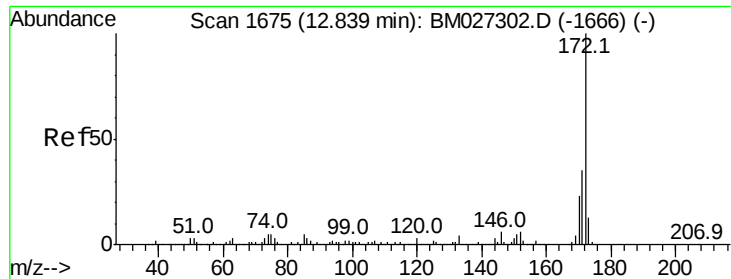
332 96.2 77.8 116.8

141 37.4 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

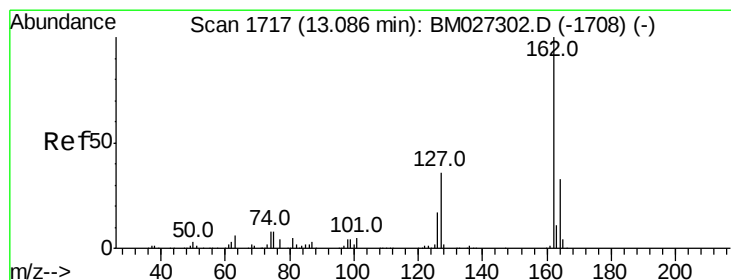
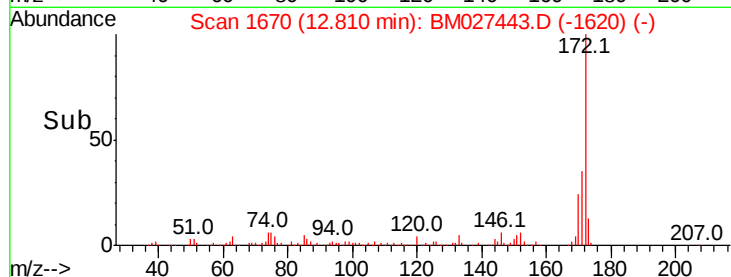
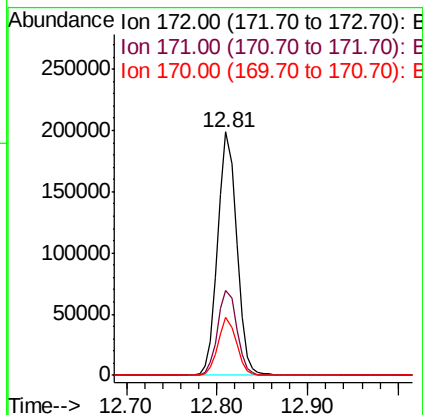
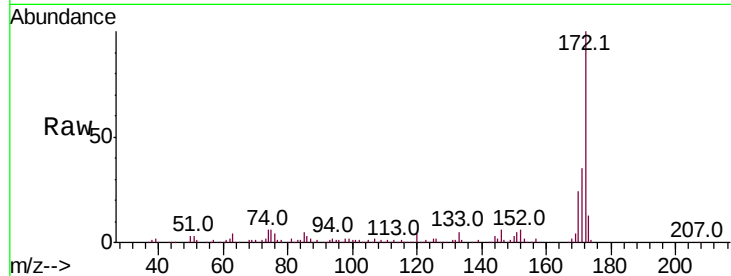




#45
2-Fluorobiphenyl
Concen: 20.767 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

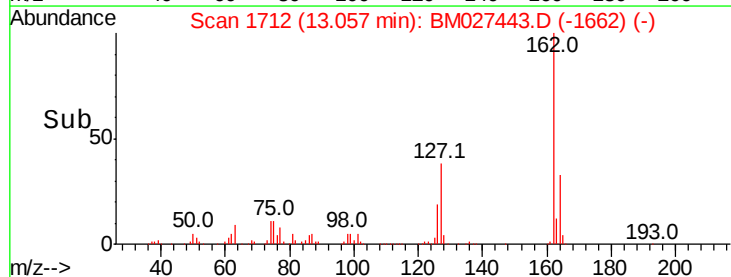
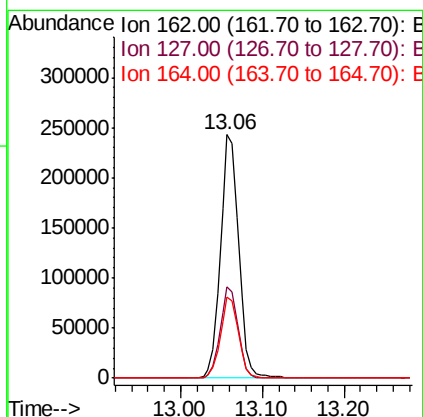
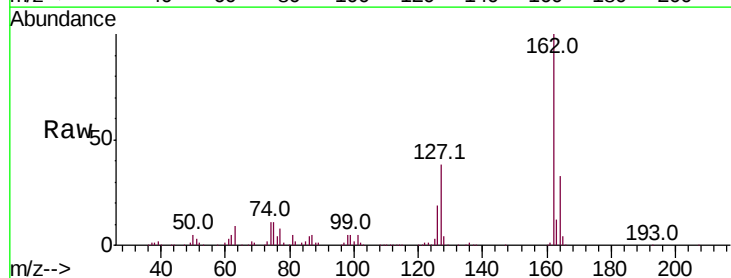
Instrument :
BNA_M
ClientSampled :
PT-BN-WPDL

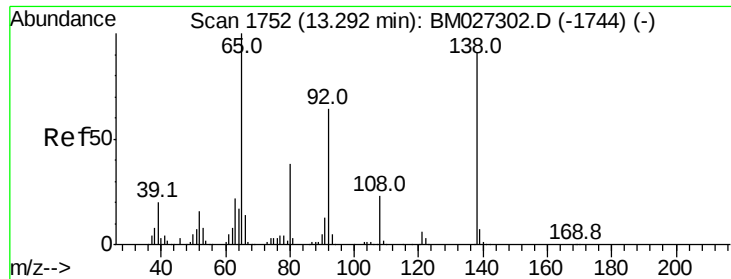
Tot Ion:172 Resp: 288950
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.7 18.6 27.8



#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

Tgt 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

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

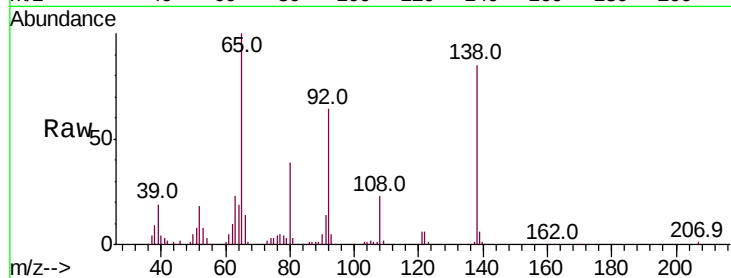
Tot Ion: 65 Resp: 94735

Ion Ratio Lower Upper

65 100

92 64.4 51.5 77.3

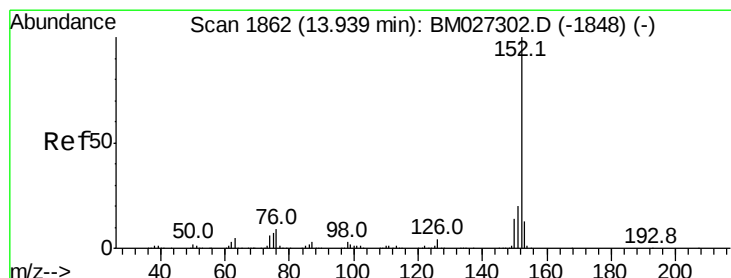
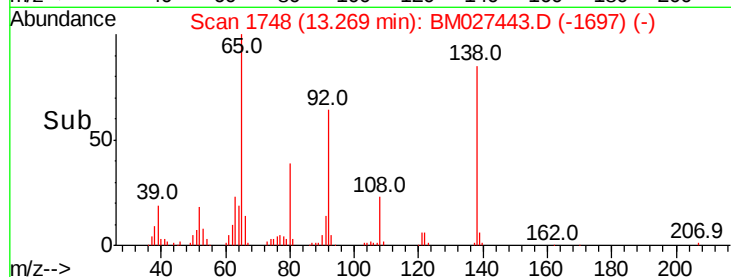
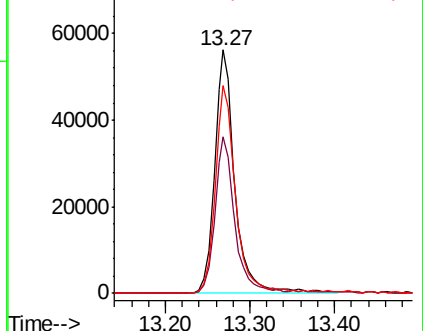
138 85.4 72.7 109.1



Abundance Ion 65.00 (64.70 to 65.70): BM027302.D (-1744) (-)

Ion 92.00 (91.70 to 92.70): BM027302.D (-1744) (-)

Ion 138.00 (137.70 to 138.70): BM027302.D (-1744) (-)



#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

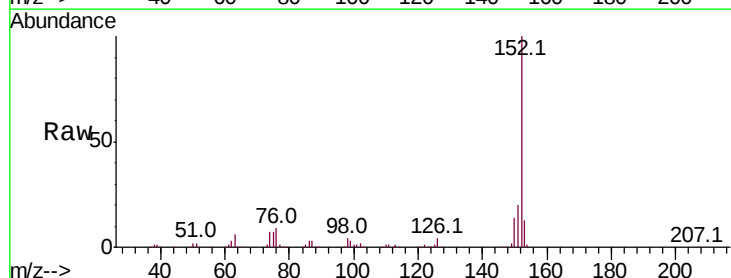
Tgt Ion: 152 Resp: 343242

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

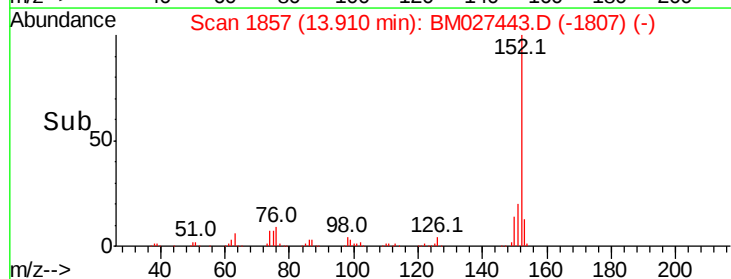
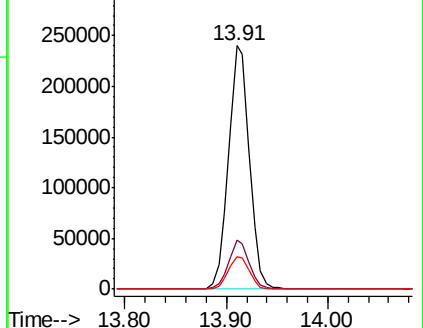
153 13.2 10.4 15.6

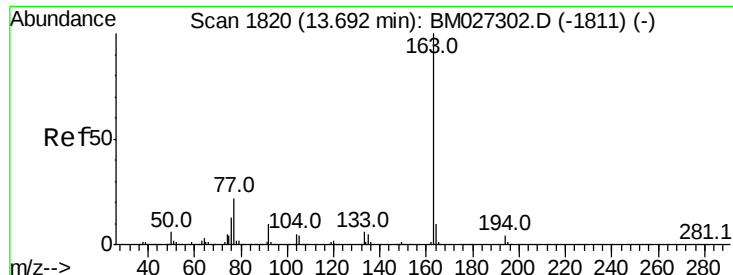


Abundance Ion 152.00 (151.70 to 152.70): BM027302.D (-1848) (-)

Ion 151.00 (150.70 to 151.70): BM027302.D (-1848) (-)

Ion 153.00 (152.70 to 153.70): BM027302.D (-1848) (-)





#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

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

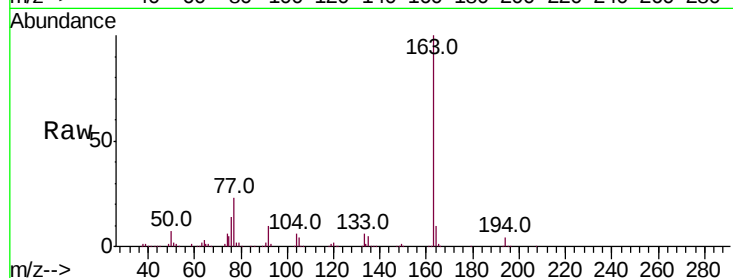
Tot Ion:163 Resp: 418572

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

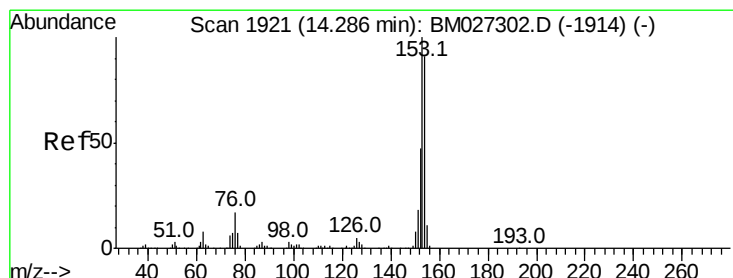
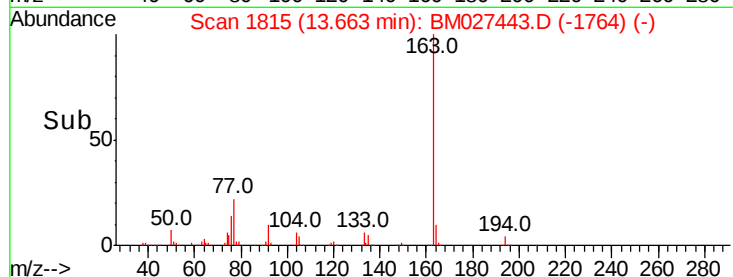
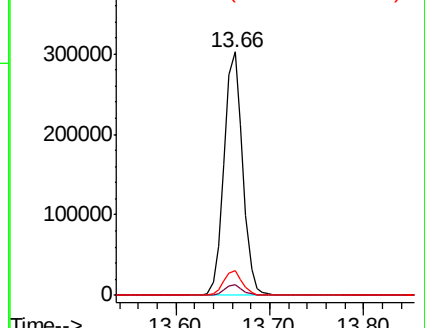
164 9.9 8.1 12.1



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

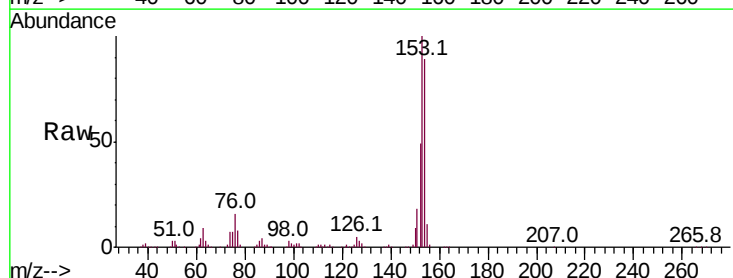
Tgt Ion:154 Resp: 346494

Ion Ratio Lower Upper

154 100

153 111.8 88.3 132.5

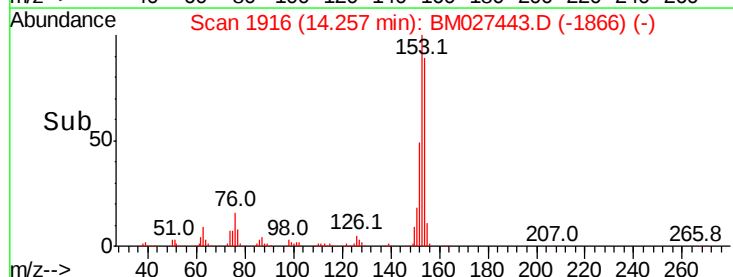
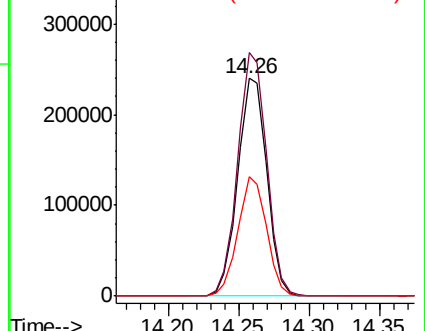
152 54.7 41.4 62.2

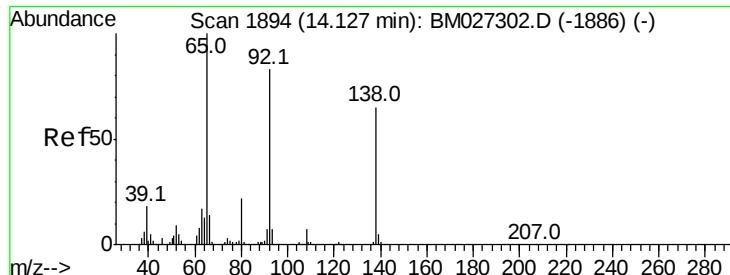


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 3.294 ng

RT: 14.25 min Scan# 1915

Delta R.T. 0.15 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

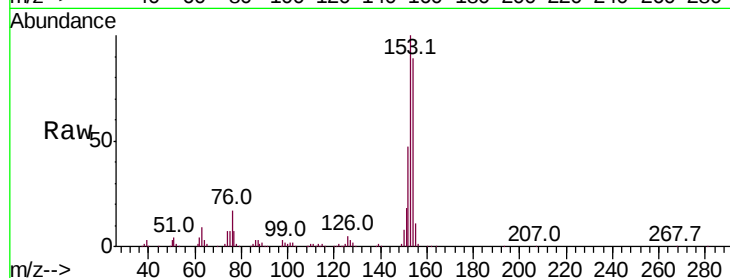
Tot Ion:138 Resp: 376

Ion Ratio Lower Upper

138 100

108 55.3 8.6 13.0#

92 0.0 102.1 153.1#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

14.25

300

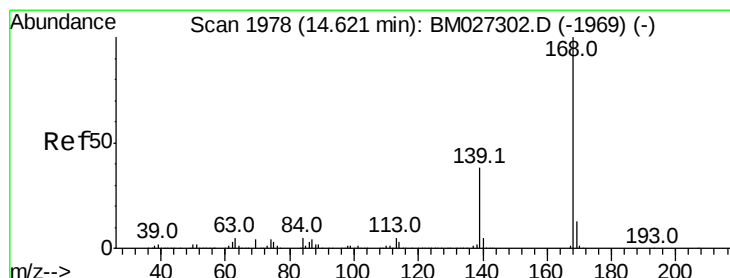
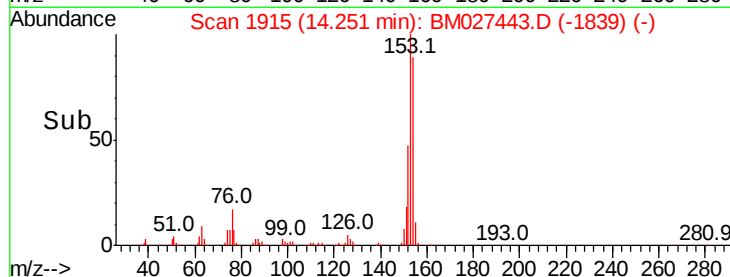
200

100

0

14.22 14.24 14.26 14.28

Time-->



#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

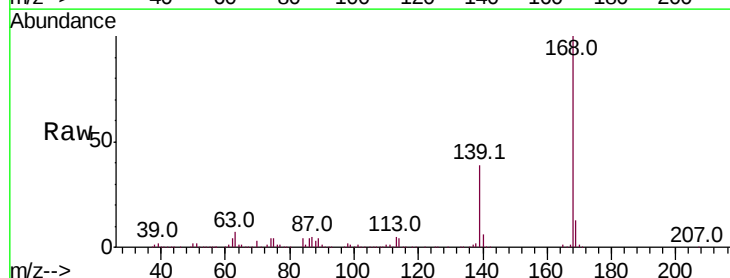
Tgt Ion:168 Resp: 432028

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

14.60

400000

300000

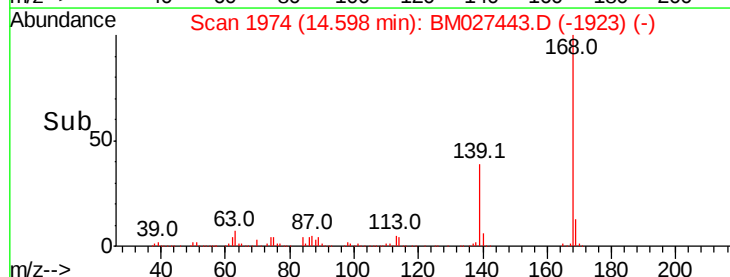
200000

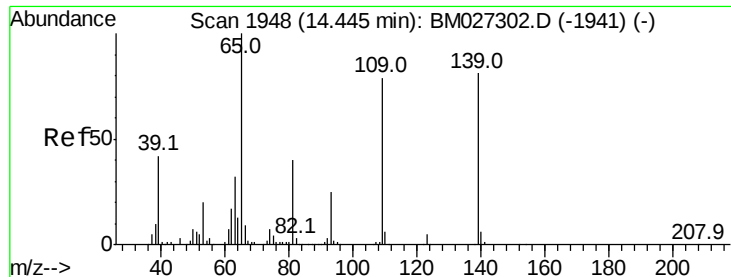
100000

0

14.50 14.60 14.70

Time-->

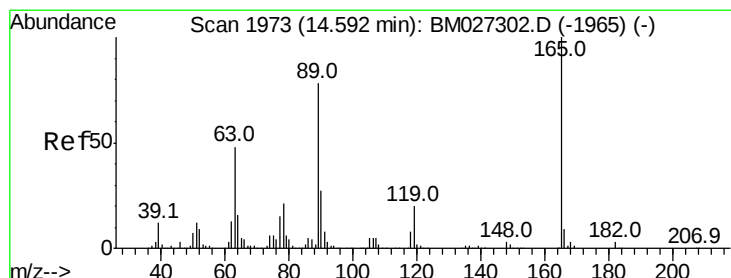
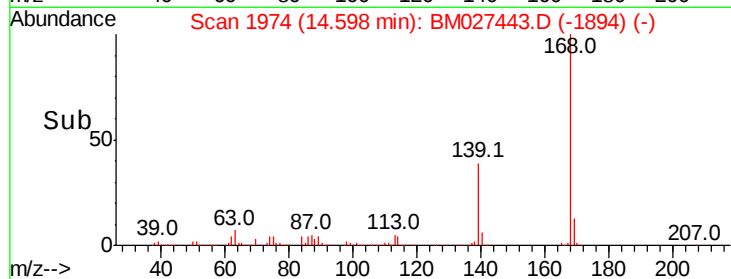
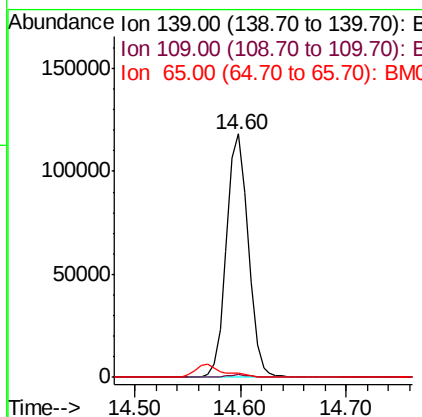
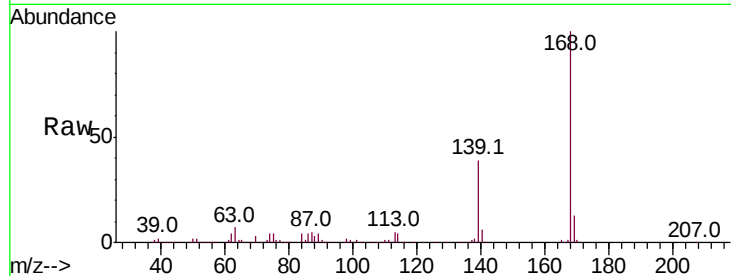




#56
4-Nitrophenol
Concen: 65.988 ng
RT: 14.60 min Scan# 1974
Delta R.T. 0.17 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

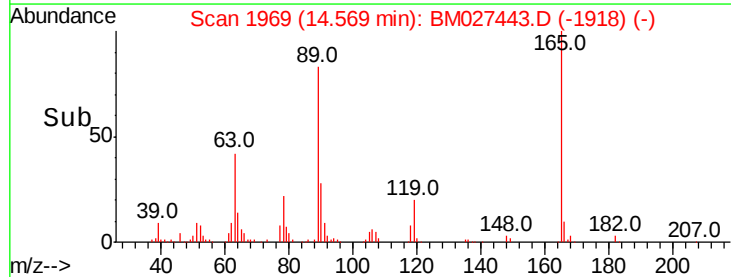
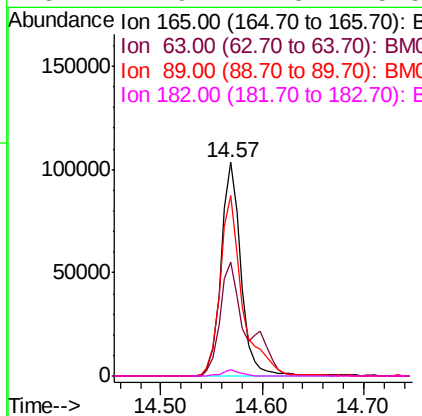
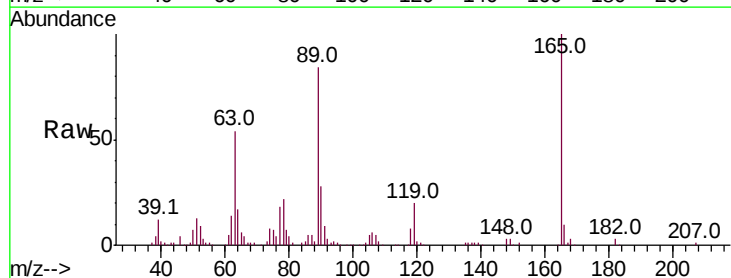
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

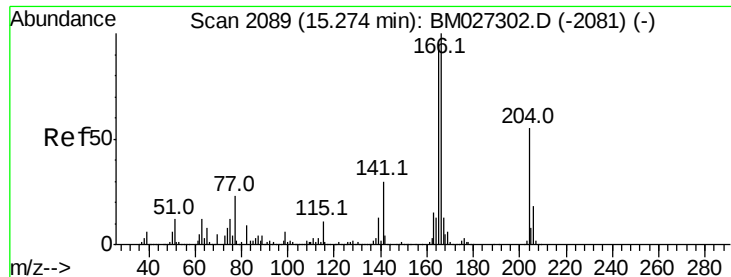
Tot Ion:139 Resp: 169107
Ion Ratio Lower Upper
139 100
109 1.3 77.0 117.0#
65 1.9 103.4 143.4#



#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

Tgt Ion:165 Resp: 141195
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





#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

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

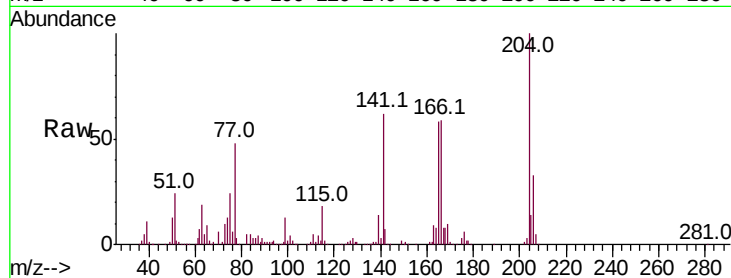
Tot Ion:166 Resp: 140710

Ion Ratio Lower Upper

166 100

165 97.2 76.2 114.2

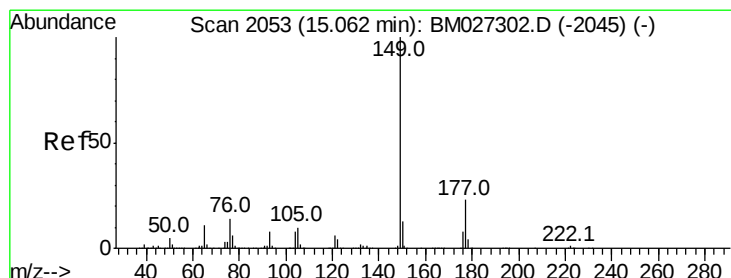
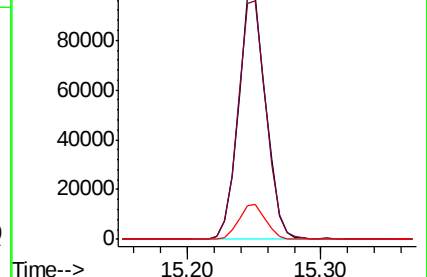
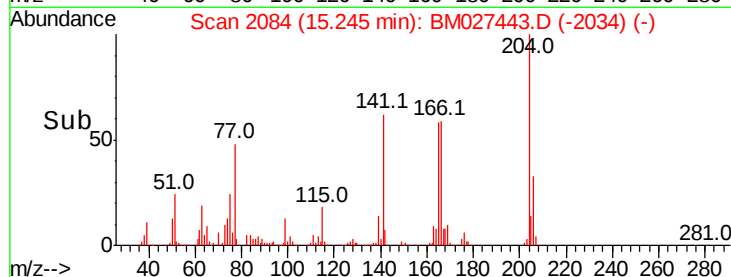
167 13.7 10.7 16.1



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

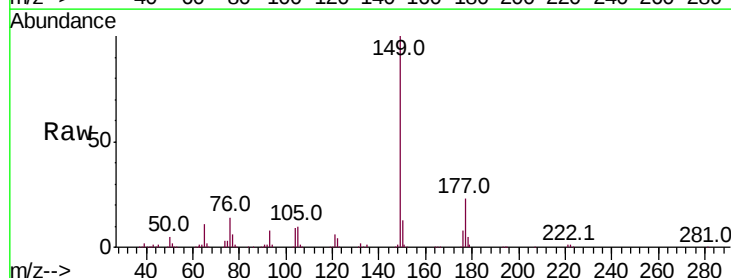
Tgt Ion:149 Resp: 293644

Ion Ratio Lower Upper

149 100

177 22.5 18.2 27.4

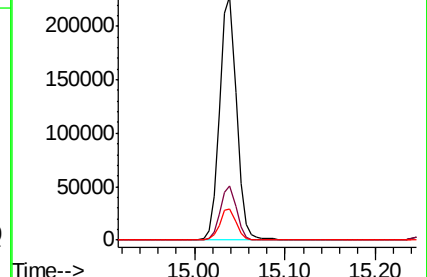
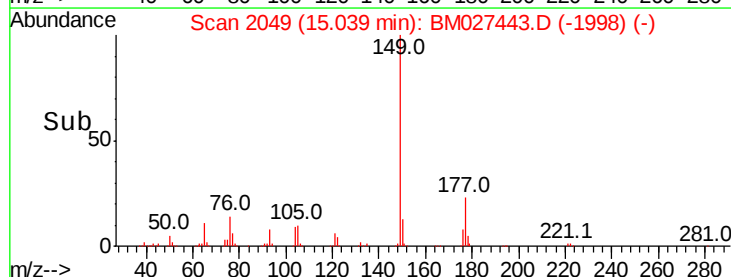
150 13.0 10.2 15.4

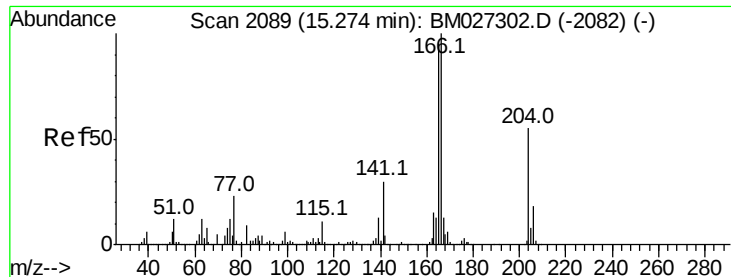


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

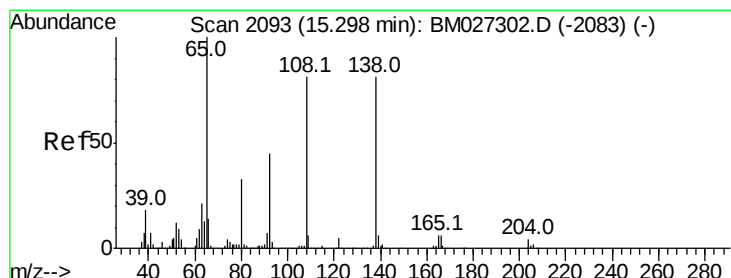
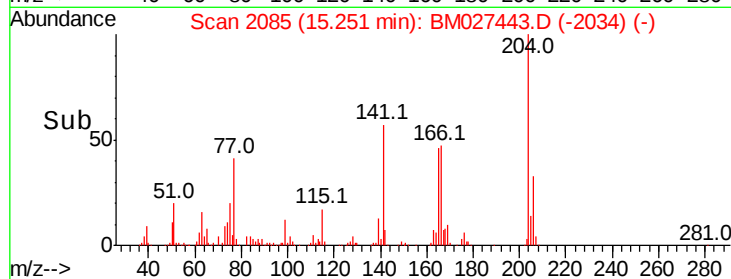
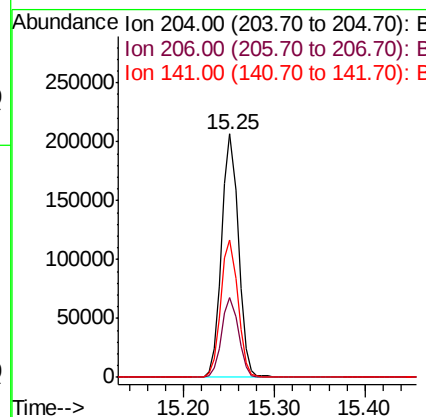
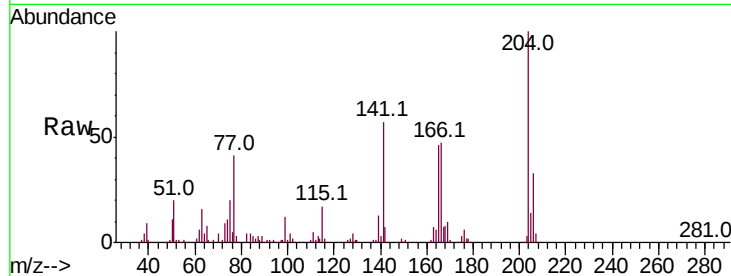




#61
4-Chlorophenyl-phenylether
Concen: 31.165 ng
RT: 15.25 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

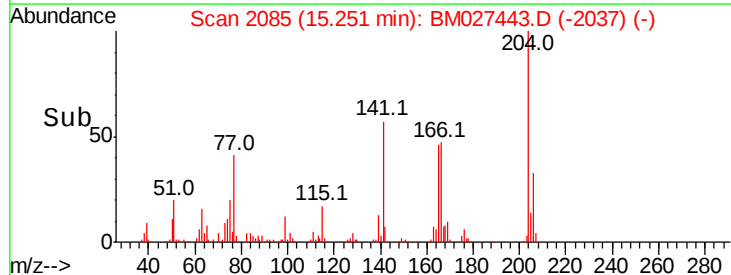
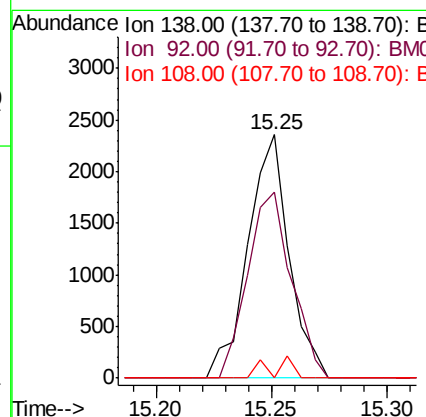
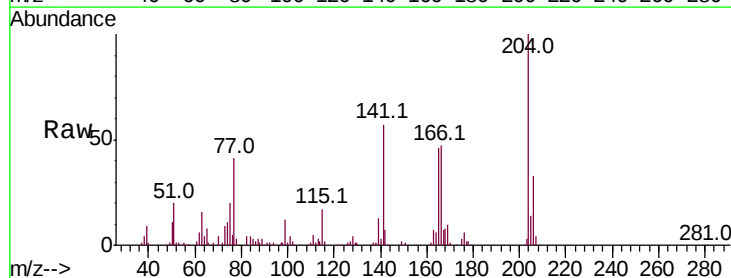
Instrument :
BNA_M
ClientSampled :
PT-BN-WPDL

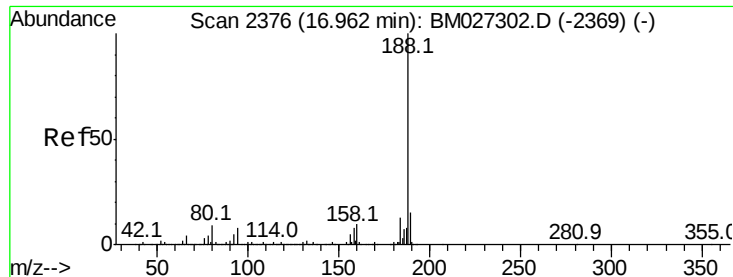
Tot Ion:204 Resp: 265295
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 56.6 43.7 65.5



#62
4-Nitroaniline
Concen: 4.304 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.02 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Tgt Ion:138 Resp: 2939
Ion Ratio Lower Upper
138 100
92 76.4 35.5 75.5#
108 0.0 80.5 120.5#

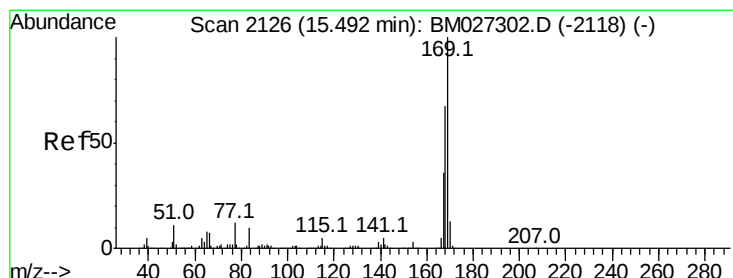
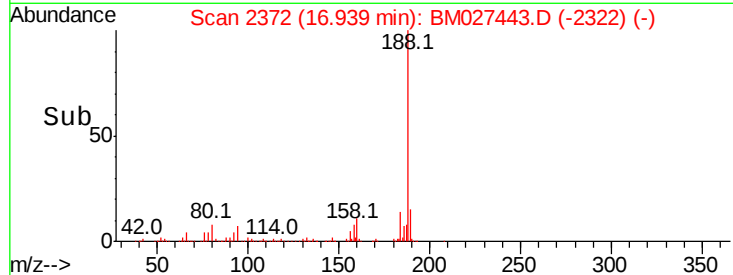
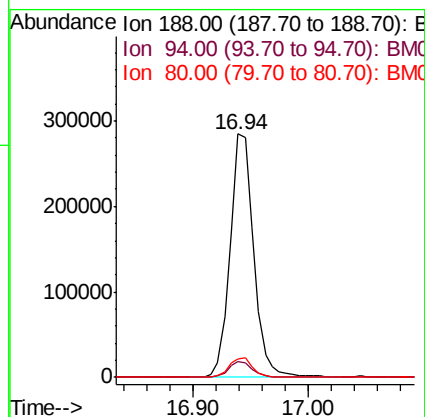
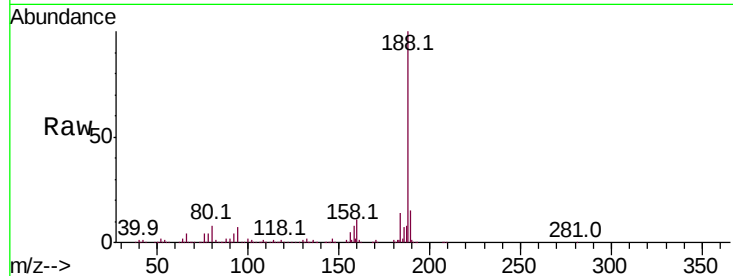




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

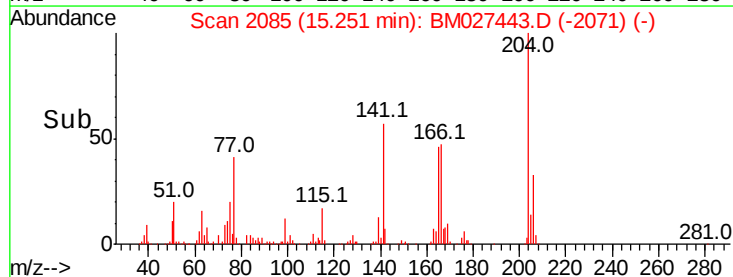
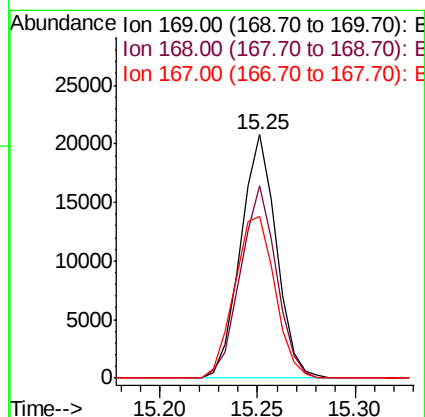
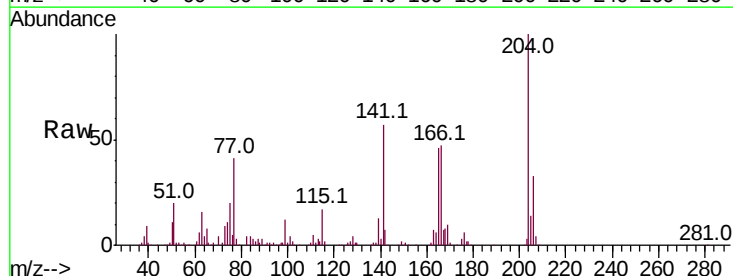
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

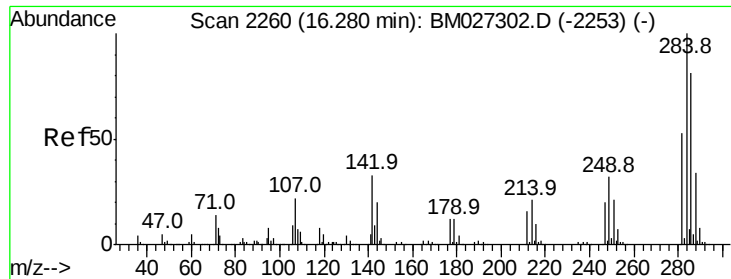
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.2	9.4
80	7.7	7.5	11.3



#66
n-Nitrosodiphenylamine
Concen: 2.111 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.22 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	78.8	53.8	80.8
167	66.7	29.0	43.4





#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

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

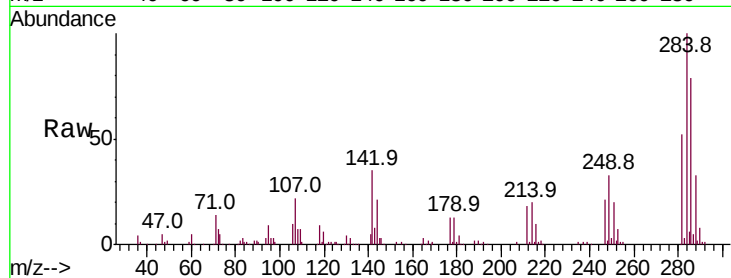
Tot Ion:284 Resp: 126859

Ion Ratio Lower Upper

284 100

142 35.2 26.1 39.1

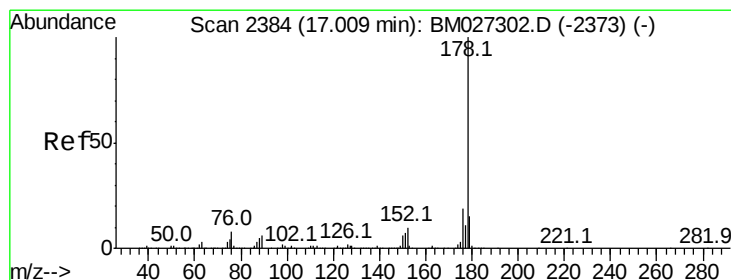
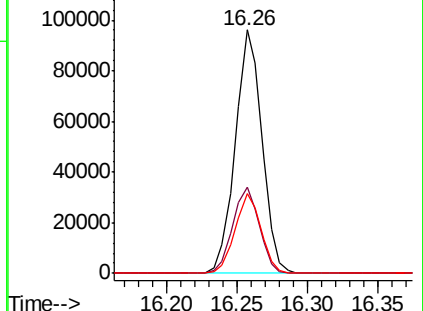
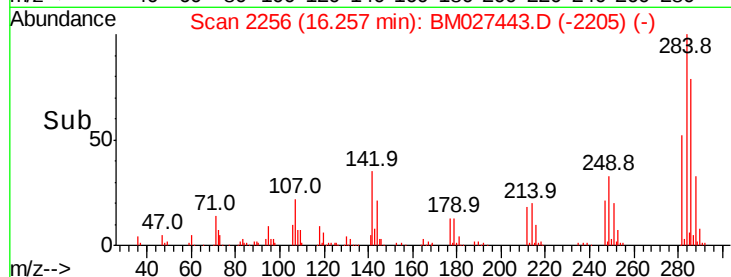
249 32.7 25.6 38.4



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: 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

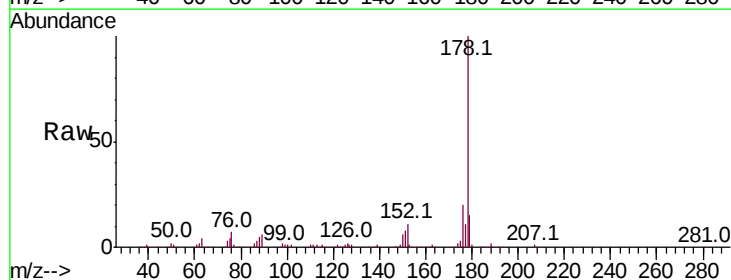
Tgt Ion:178 Resp: 294473

Ion Ratio Lower Upper

178 100

176 19.7 15.0 22.6

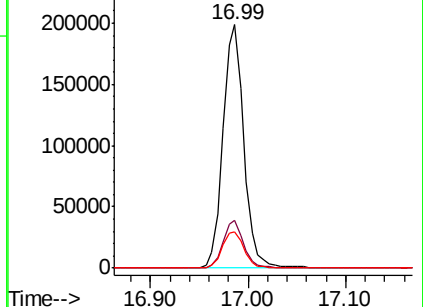
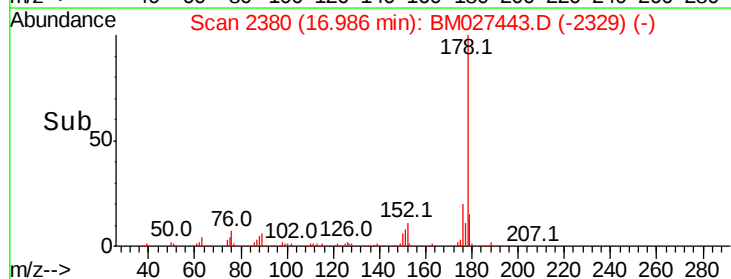
179 14.9 12.2 18.4

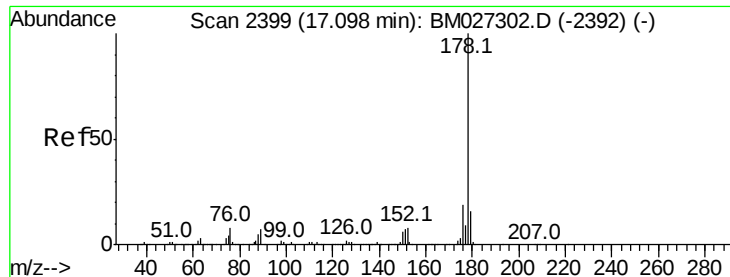


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 12.432 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.09 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

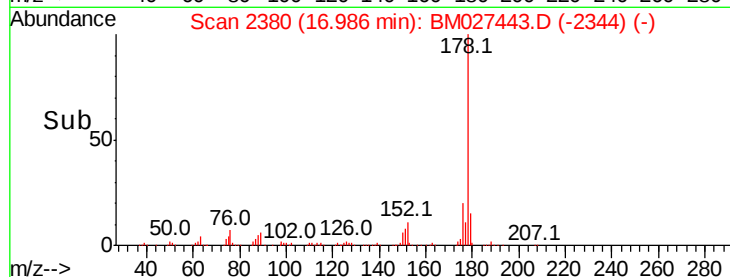
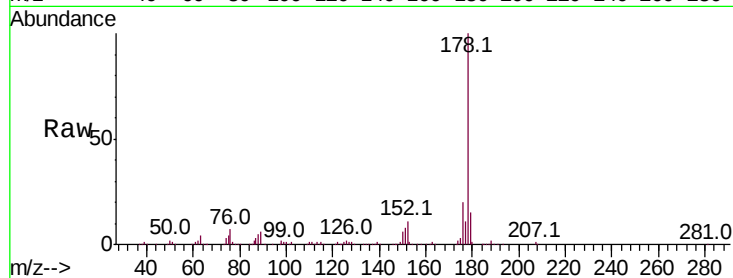
Tot Ion:178 Resp: 294473

Ion Ratio Lower Upper

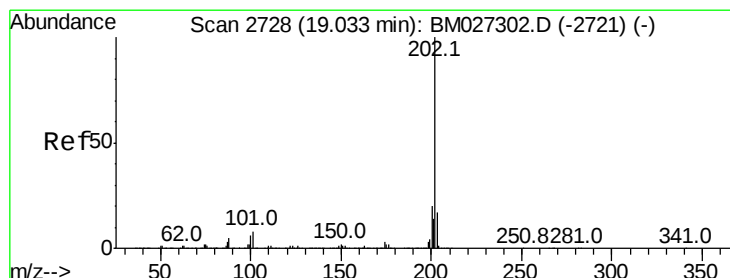
178 100

176 19.7 15.0 22.4

179 14.9 12.5 18.7



Time-->



#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

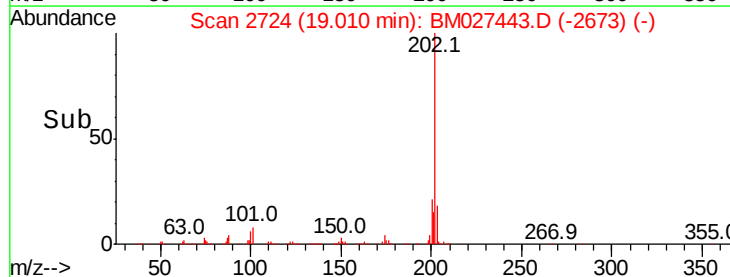
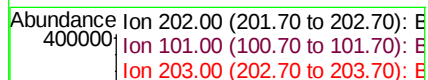
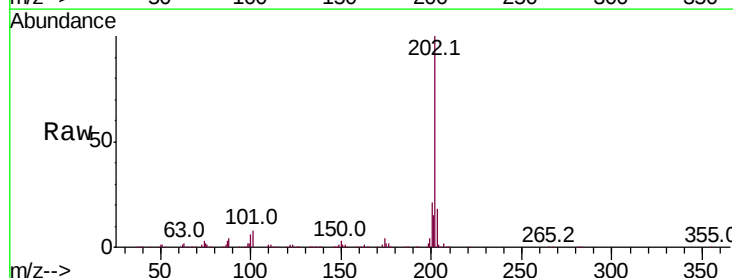
Tgt Ion:202 Resp: 406092

Ion Ratio Lower Upper

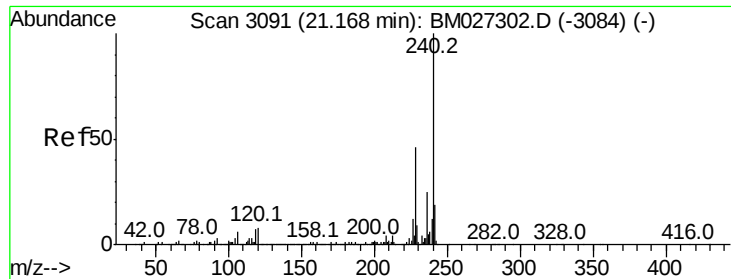
202 100

101 7.6 0.0 28.5

203 17.6 0.0 37.3



Time-->



#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

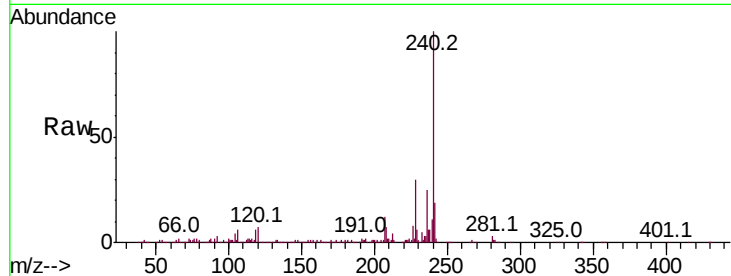
Tot Ion:240 Resp: 438117

Ion Ratio Lower Upper

240 100

120 7.0 6.4 9.6

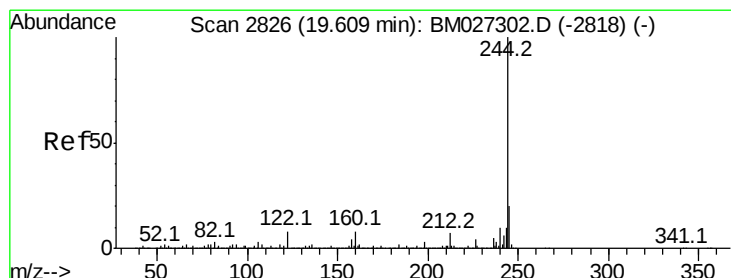
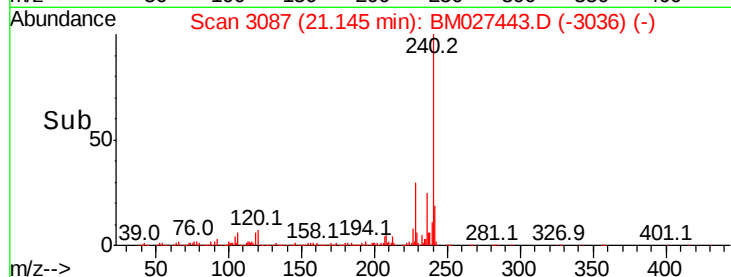
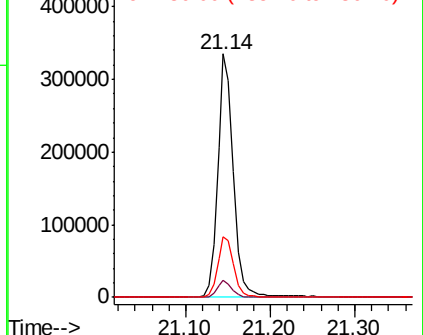
236 24.8 20.1 30.1



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

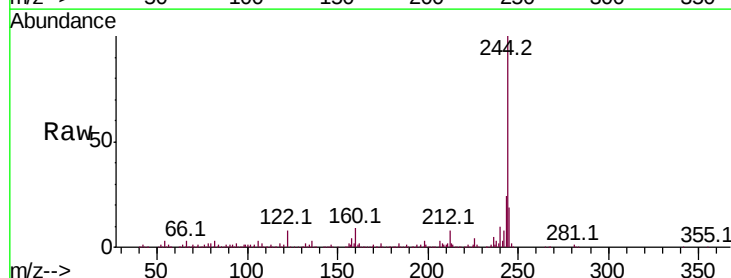
Tgt Ion:244 Resp: 437610

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

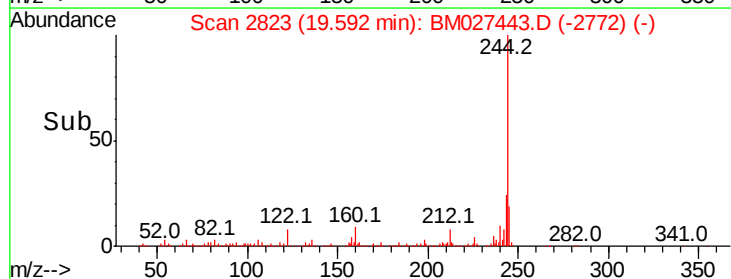
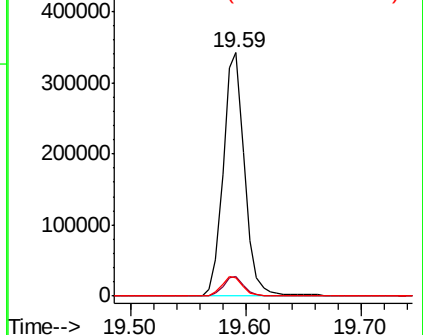
122 7.7 6.5 9.7

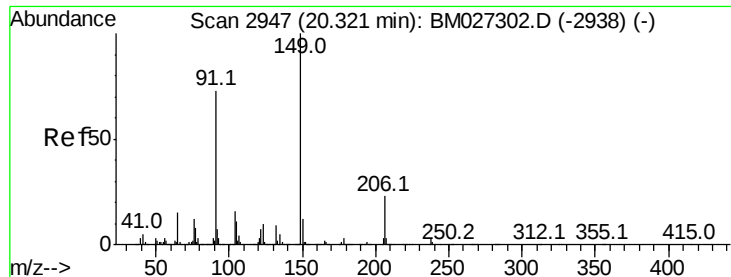


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

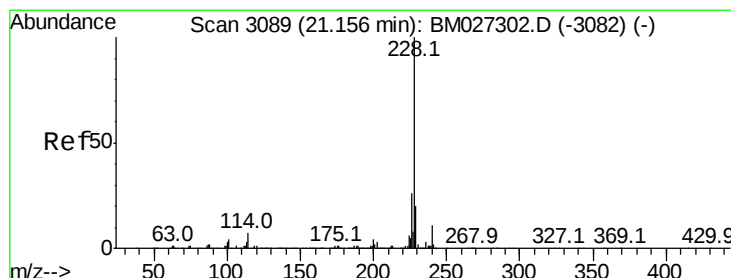
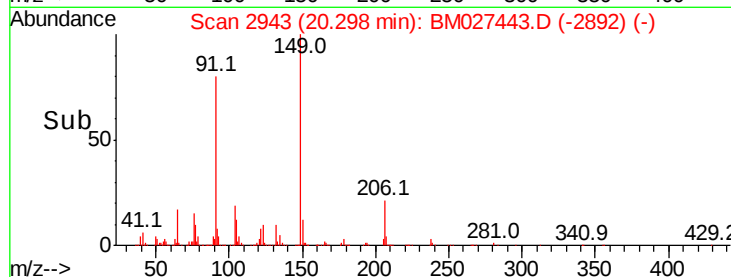
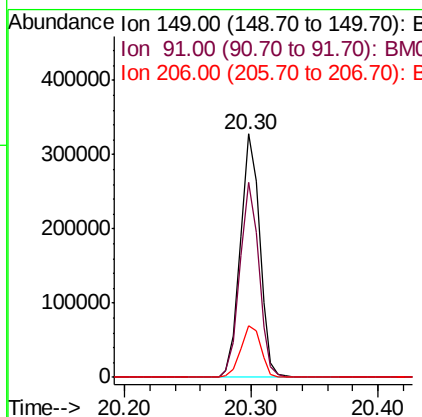
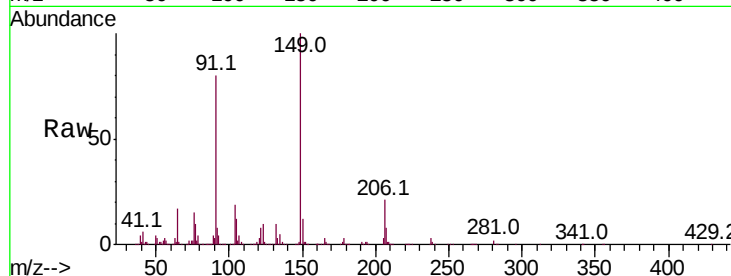




#80
Butylbenzylphthalate
Concen: 28.887 ng
RT: 20.30 min Scan# 2943
Delta R.T. 0.00 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

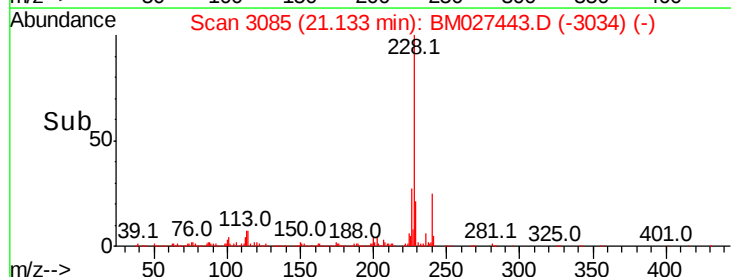
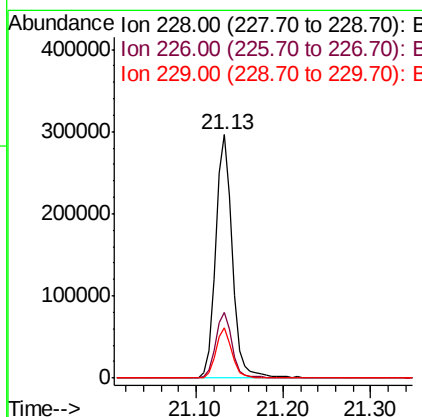
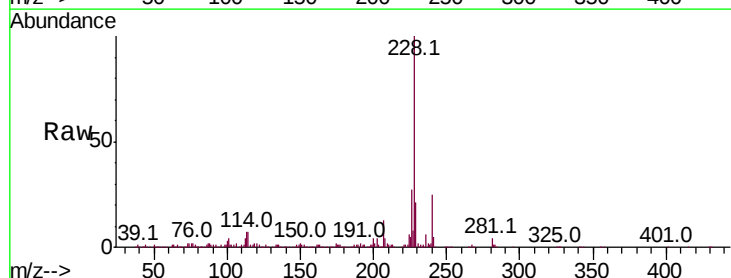
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

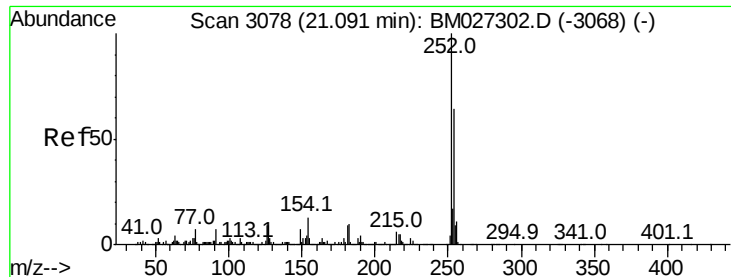
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.9	58.1	87.1
206	21.2	18.7	28.1



#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	Ratio	Lower	Upper
228	100		
226	26.9	21.1	31.7
229	20.5	15.7	23.5





#82

3,3'-Dichlorobenzidine

Concen: 3.397 ng

RT: 21.04 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

Instrument :

BNA_M

ClientSampleId :

PT-BN-WPDL

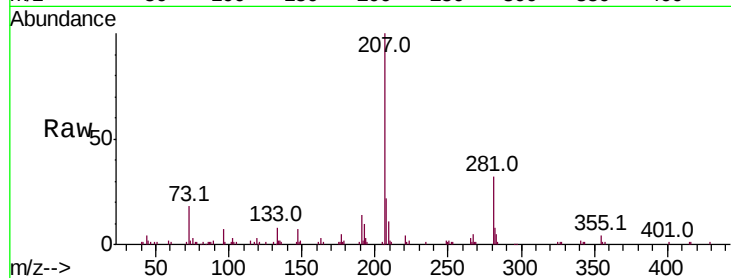
Tot Ion:252 Resp: 163

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.0#

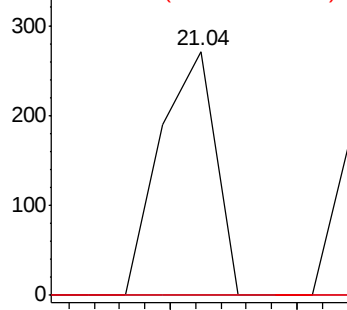
126 0.0 6.8 10.2#



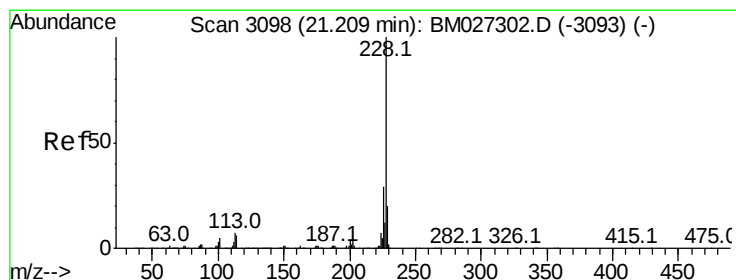
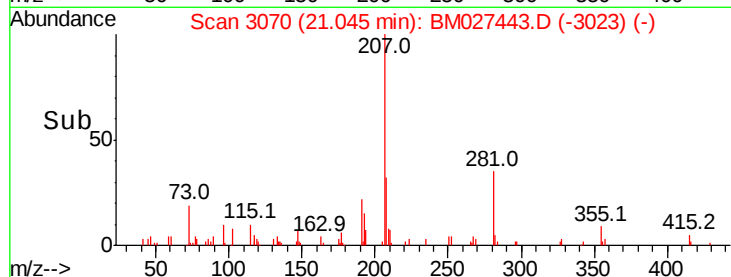
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 13.872 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.05 min

Lab File: BM027443.D

Acq: 16 Sep 2020 15:32

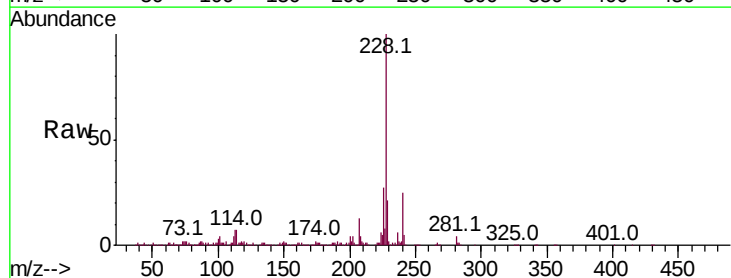
Tgt Ion:228 Resp: 394308

Ion Ratio Lower Upper

228 100

226 26.9 23.4 35.0

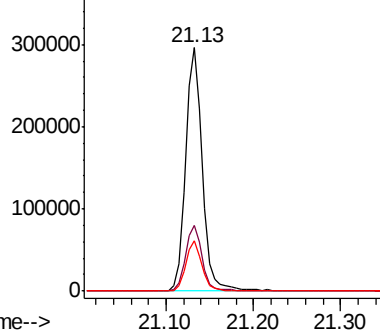
229 20.5 15.7 23.5



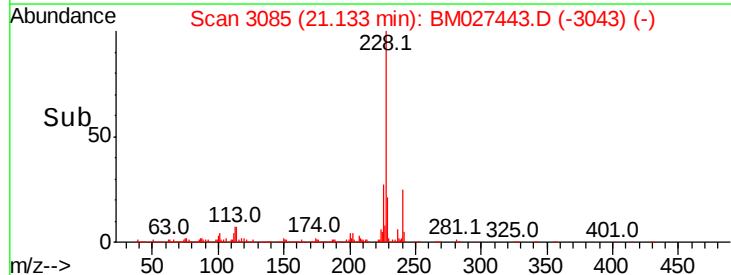
Abundance Ion 228.00 (227.70 to 228.70): E

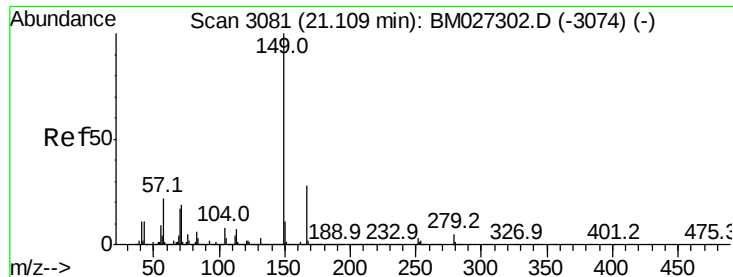
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#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

ClientSampleId :

PT-BN-WPDL

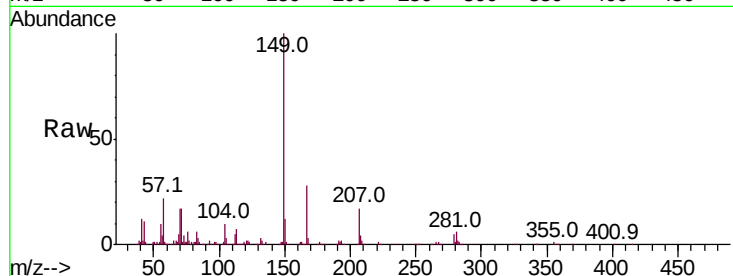
Tot Ion:149 Resp: 213252

Ion Ratio Lower Upper

149 100

167 27.8 22.7 34.1

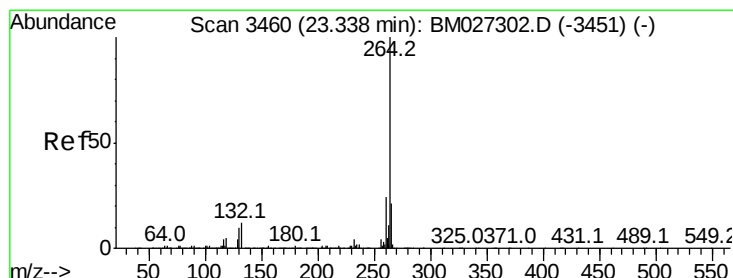
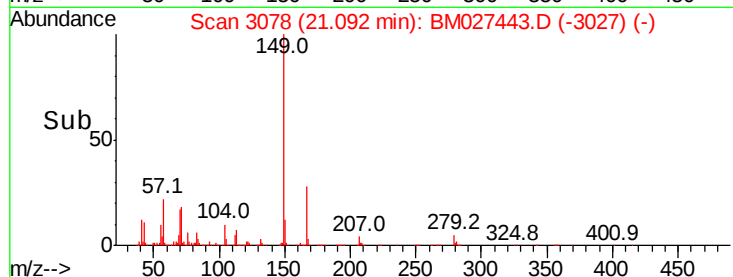
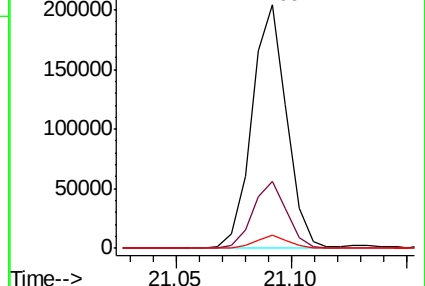
279 5.4 4.0 6.0



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

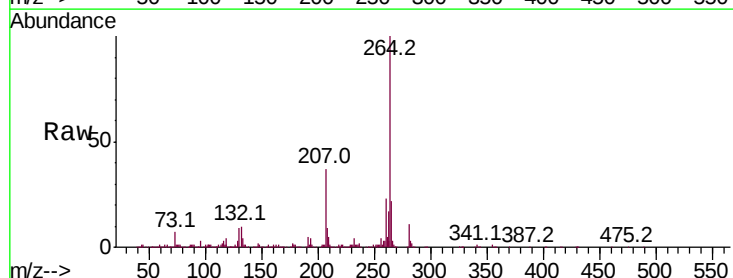
Tgt Ion:264 Resp: 456153

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

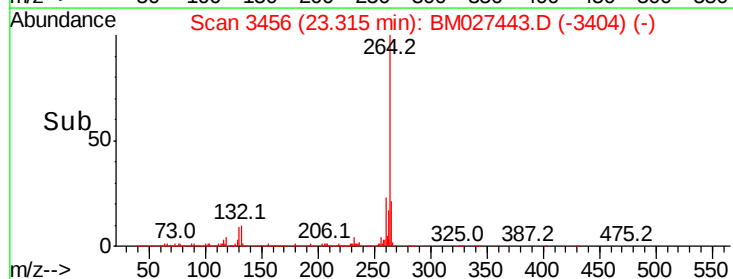
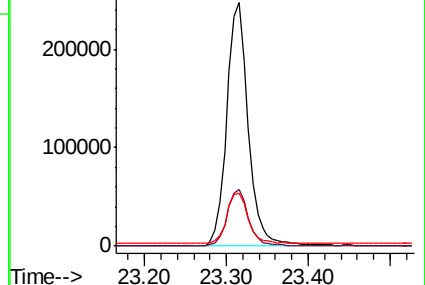
265 21.9 17.7 26.5

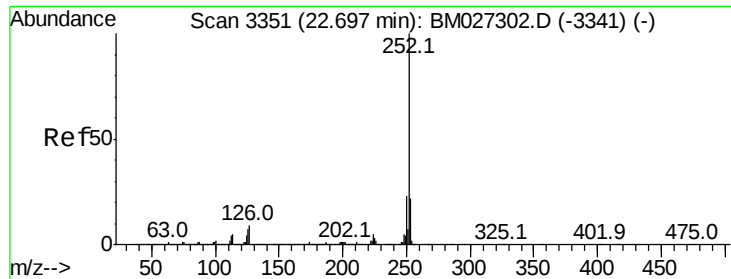


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

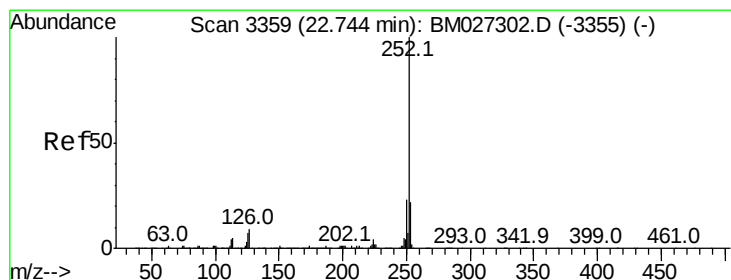
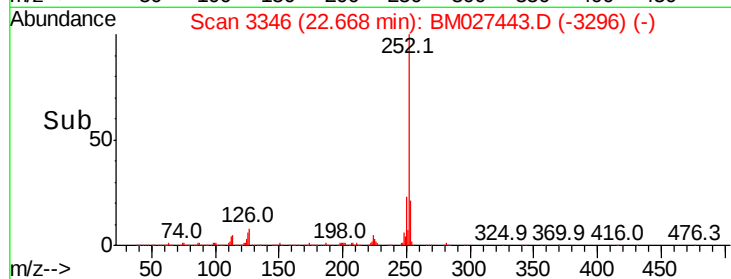
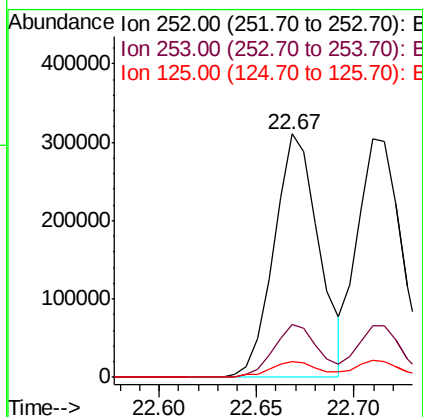
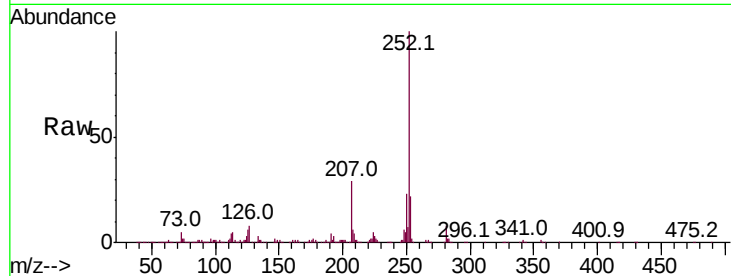




#88
Benzo(b)fluoranthene
Concen: 15.560 ng
RT: 22.67 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BM027443.D
Acq: 16 Sep 2020 15:32

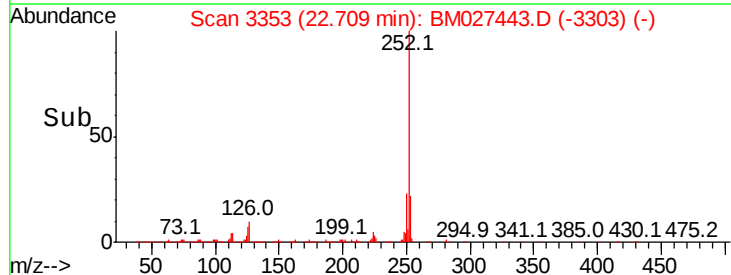
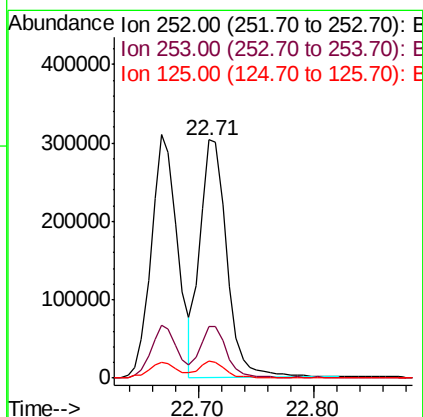
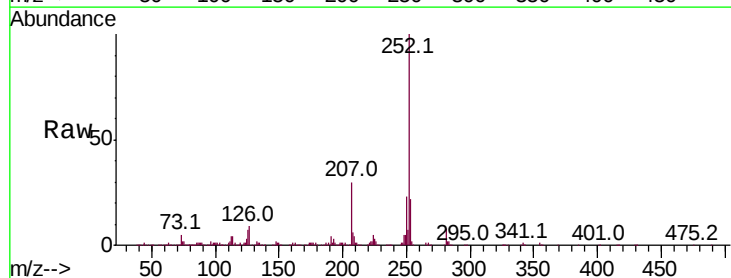
Instrument :
BNA_M
ClientSampleId :
PT-BN-WPDL

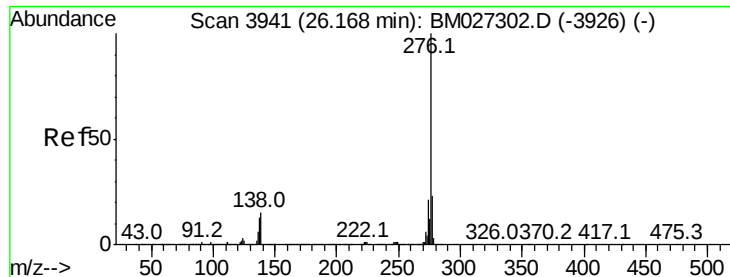
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	6.4	5.7	8.5



#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	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	7.1	5.6	8.4





#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

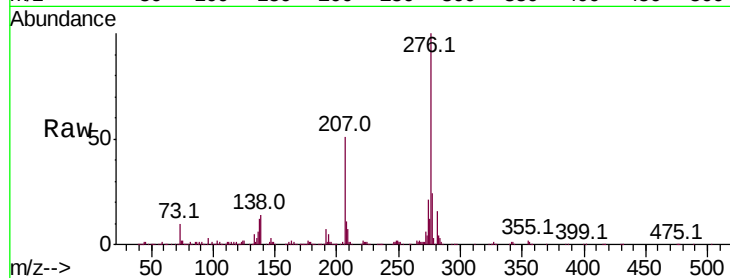
Tot Ion: 276 Resp: 535321

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 14.3 12.2 18.2



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

