

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

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Quant Time: Sep 16 15:17:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:41:16 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.45	42	275841	96.344	ng	# 100
6) Aniline	6.99	93	240834	25.067	ng	# 55
11) bis(2-Chloroethyl)ether	6.99	93	240834	37.680	ng	98
12) 1,3-Dichlorobenzene	7.45	146	1137329	153.241	ng	98
13) 1,4-Dichlorobenzene	7.59	146	1084179	145.284	ng	98
14) 1,2-Dichlorobenzene	7.90	146	875467	122.088	ng	99
18) Hexachloroethane	8.62	117	217174	72.622	ng	93
19) n-Nitroso-di-n-propylamine	8.36	70	884903	140.585	ng	98
24) Nitrobenzene	8.74	77	474893	56.051	ng	99
25) Isophorone	9.27	82	2112455	147.544	ng	99
26) 2-Nitrophenol	9.27	139	34067	10.832	ng	# 37
28) bis(2-Chloroethoxy)methane	9.75	93	987954	120.278	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	1017401	137.782	ng	99
31) Naphthalene	10.37	128	1601723	86.000	ng	100
32) Benzoic acid	9.75	122	339	7.236	ng	# 17
33) 4-Chloroaniline	10.37	127	207905	26.294	ng	# 29
34) Hexachlorobutadiene	10.67	225	497805	99.764	ng	98
41) Hexachlorocyclopentadiene	12.36	237	319802	60.173	ng	98
47) 2-Chloronaphthalene	13.06	162	2161427	153.558	ng	100
48) 2-Nitroaniline	13.27	65	625374	145.299	ng	100
49) Acenaphthylene	13.92	152	2046022	95.952	ng	100
50) Dimethylphthalate	13.67	163	2393158	129.806	ng	100
52) Acenaphthene	14.26	154	1994624	150.776	ng	99
53) 3-Nitroaniline	14.26	138	2598	3.804	ng	# 3
54) 2,4-Dinitrophenol	14.45	184	313	6.423	ng	# 14
55) Dibenzofuran	14.60	168	2445336	109.276	ng	99
56) 4-Nitrophenol	14.60	139	930519	299.544	ng	# 1
57) 2,4-Dinitrotoluene	14.57	165	972902	178.778	ng	99
58) Fluorene	15.25	166	862000	45.892	ng	98
60) Diethylphthalate	15.04	149	1752674	92.426	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	1573387	152.480	ng	98
62) 4-Nitroaniline	15.25	138	17136	7.300	ng	# 36
66) n-Nitrosodiphenylamine	15.25	169	162139	10.314	ng	# 75
68) Hexachlorobenzene	16.26	284	746309	101.895	ng	98

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

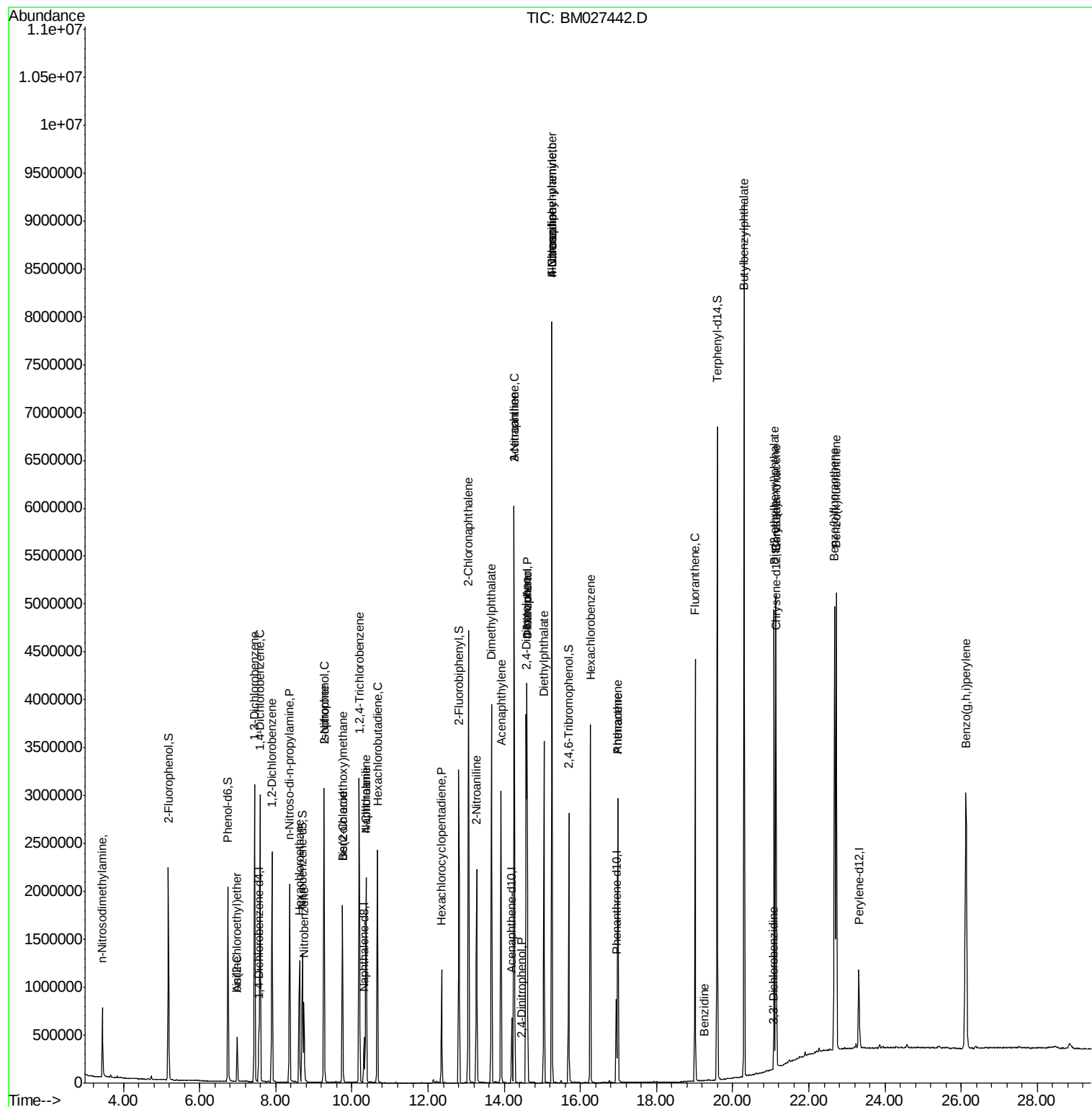
71) Phenanthrene	16.99	178	1710421	57.879	nq	99
72) Anthracene	16.99	178	1710421	57.348	nq	99
75) Fluoranthene	19.01	202	2562229	71.474	nq	99
77) Benzidine	19.25	184	58	6.975	nq	# 67
80) Butylbenzylphthalate	20.30	149	2415848	137.177	nq	99
81) Benzo(a)anthracene	21.13	228	2451688	63.957	nq	100
82) 3,3'-Dichlorobenzidine	21.06	252	427	3.409	nq	# 25
83) Chrysene	21.13	228	2451688	65.813	nq	97
84) Bis(2-ethylhexyl)phthalate	21.09	149	1606782	75.547	nq	99
88) Benzo(b)fluoranthene	22.67	252	3266777	79.217	nq	100
89) Benzo(k)fluoranthene	22.72	252	2993177	75.078	nq	100
92) Benzo(a,h,i)perylene	26.13	276	3303279	100.941	nq	99

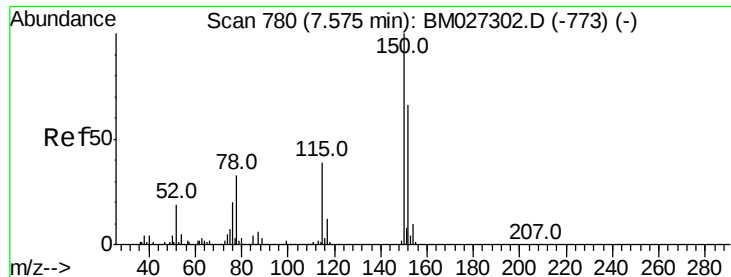
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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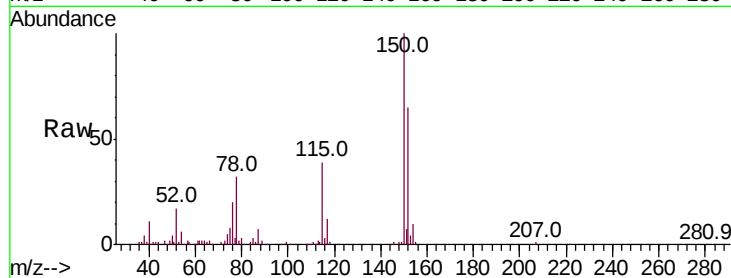


#1

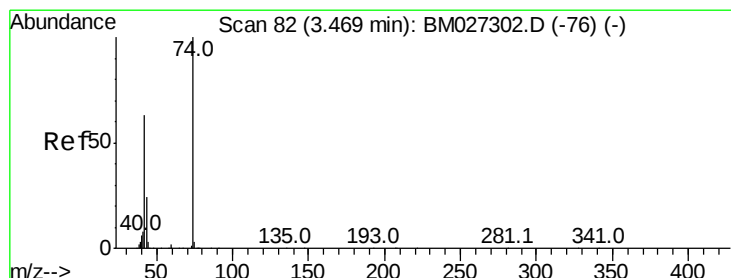
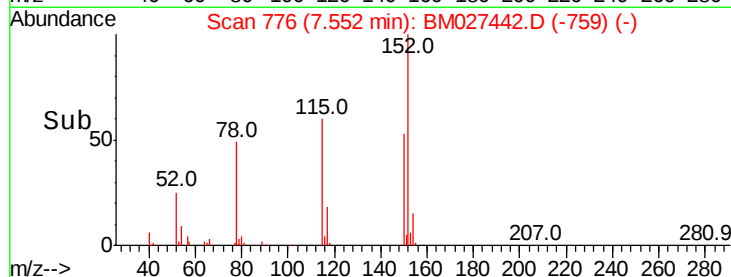
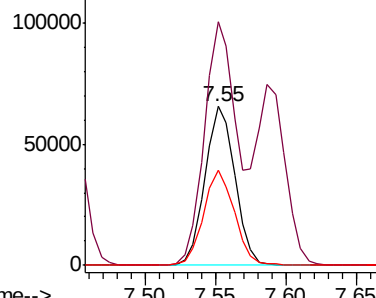
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 776
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

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



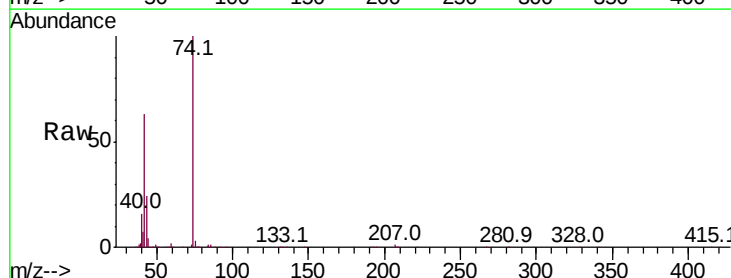
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



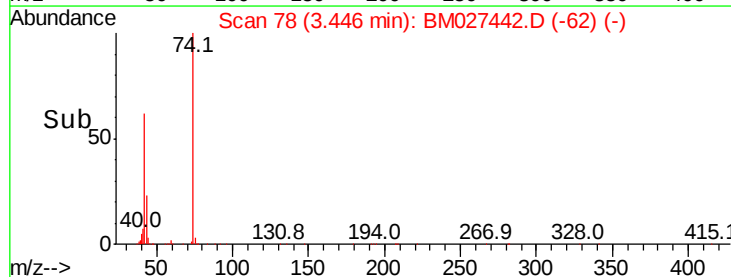
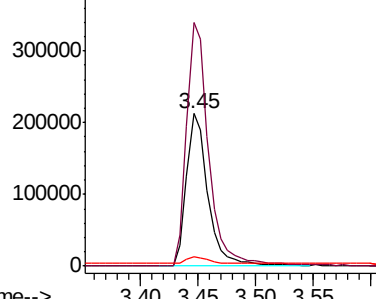
#4

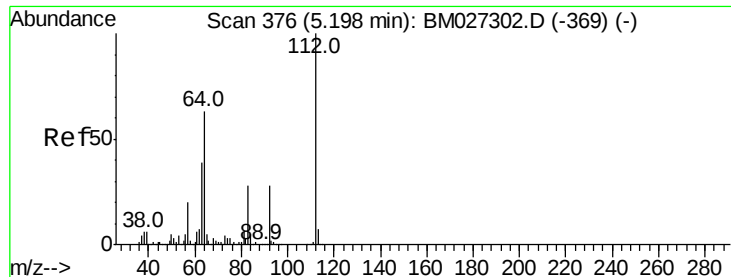
n-Nitrosodimethylamine
Concen: 96.344 ng
RT: 3.45 min Scan# 78
Delta R.T. -0.01 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

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



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 138.078 ng

RT: 5.18 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

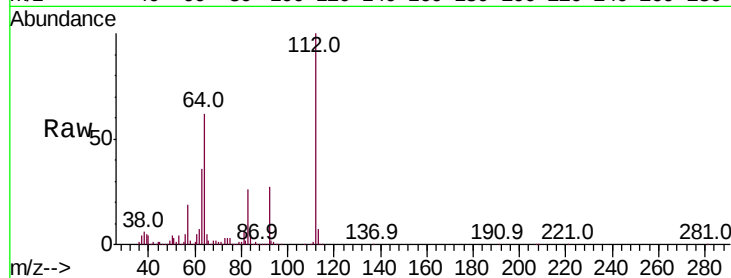
Tot Ion:112 Resp: 808746

Ion Ratio Lower Upper

112 100

64 62.3 50.6 76.0

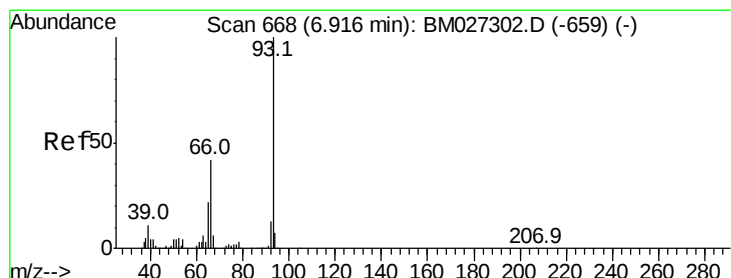
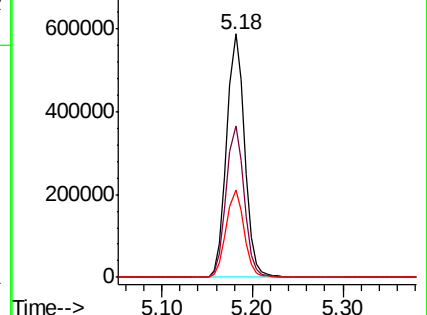
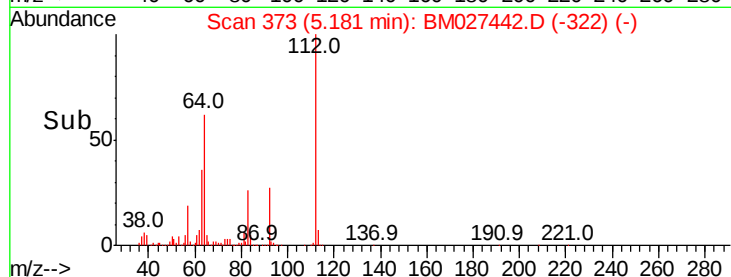
63 35.9 31.0 46.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 25.067 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.09 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

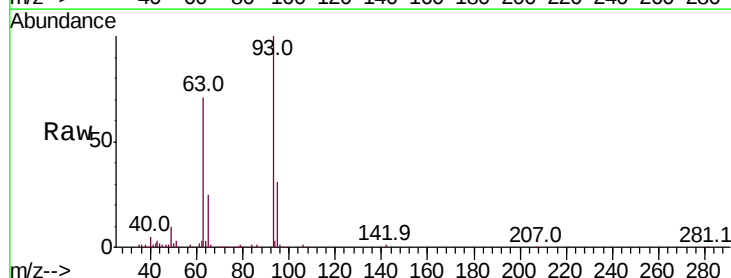
Tgt Ion: 93 Resp: 240834

Ion Ratio Lower Upper

93 100

66 0.9 33.3 49.9#

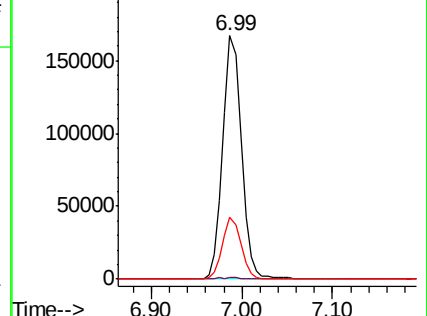
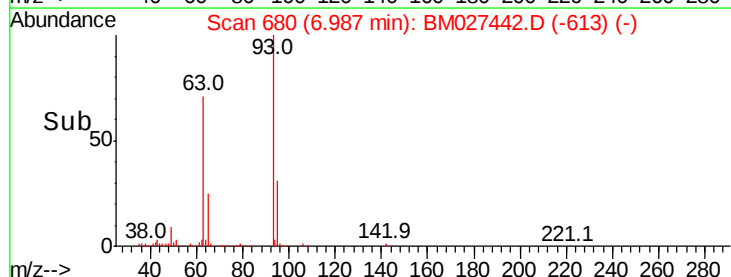
65 25.3 17.4 26.0

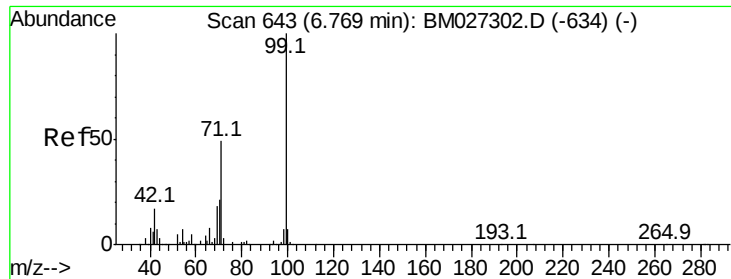


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 130.012 ng

RT: 6.75 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

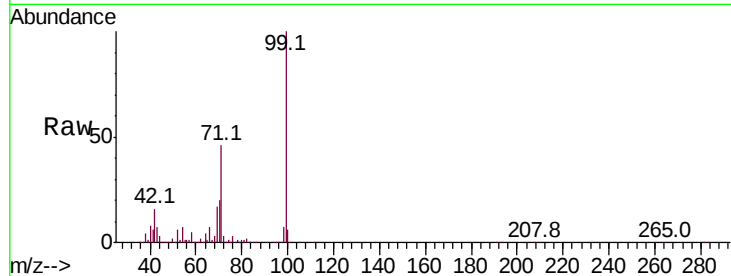
Tot Ion: 99 Resp: 1027619

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 46.3 39.4 59.0



Abundance Ion 99.00 (98.70 to 99.70): 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) (-)

6.75

800000

600000

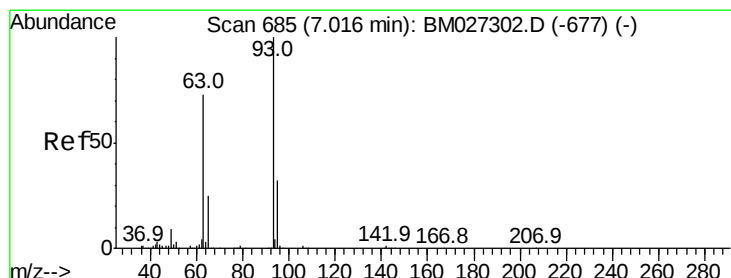
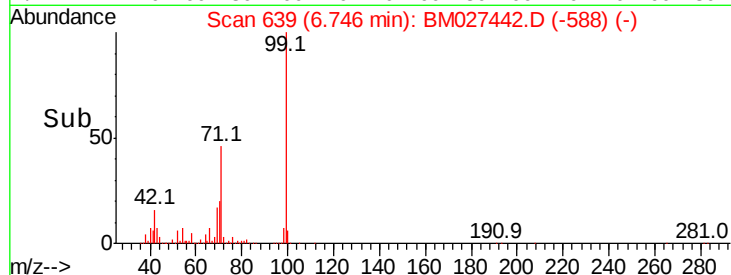
400000

200000

0

6.70 6.80

Time-->



#11

bis(2-Chloroethyl)ether

Concen: 37.680 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

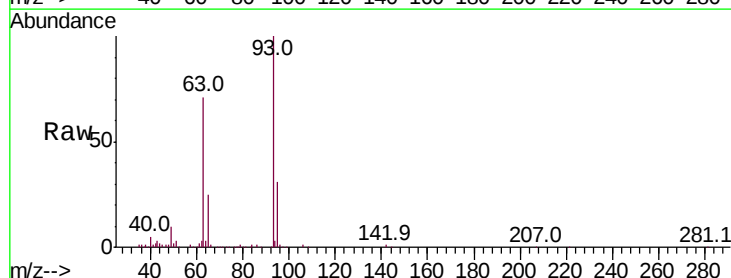
Tgt Ion: 93 Resp: 240834

Ion Ratio Lower Upper

93 100

63 71.0 53.1 93.1

95 31.3 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) (-)

6.99

200000

150000

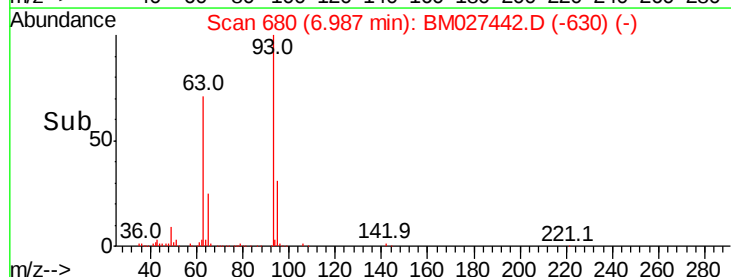
100000

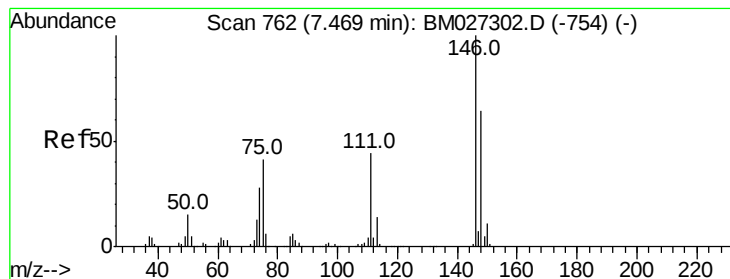
50000

0

6.90 7.00 7.10

Time-->





#12

1,3-Dichlorobenzene

Concen: 153.241 ng

RT: 7.45 min Scan# 758

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

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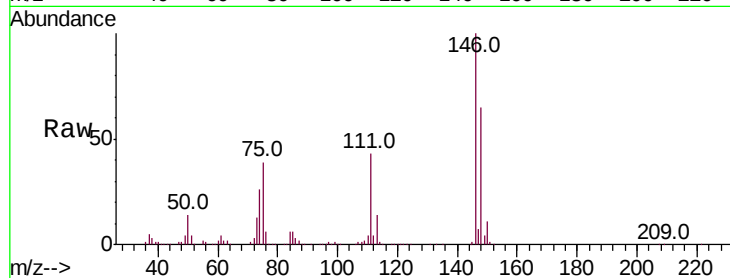
Tot Ion:146 Resp: 1137329

Ion Ratio Lower Upper

146 100

148 64.9 51.6 77.4

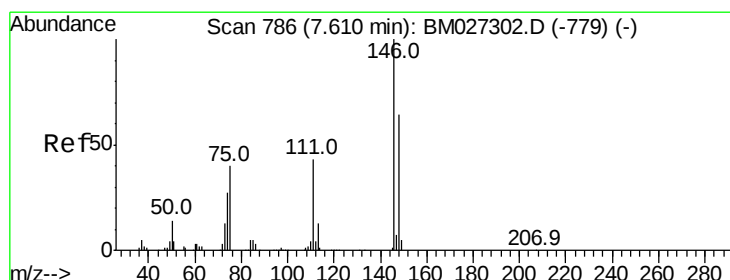
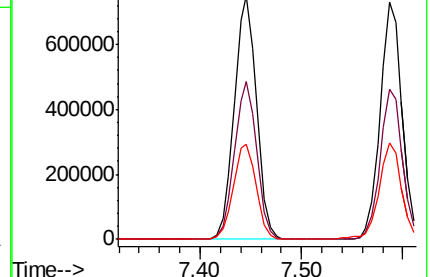
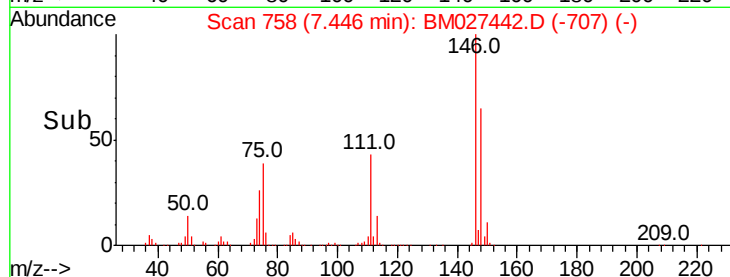
75 39.3 33.0 49.6



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: 145.284 ng

RT: 7.59 min Scan# 782

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

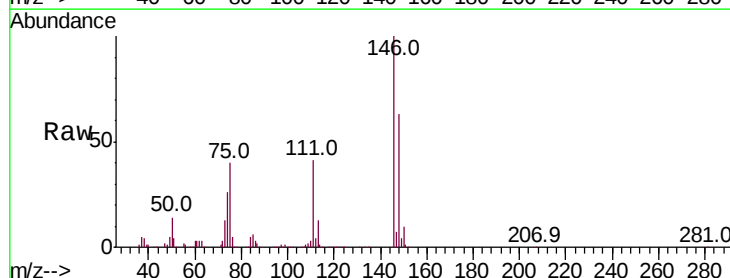
Tgt Ion:146 Resp: 1084179

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.0

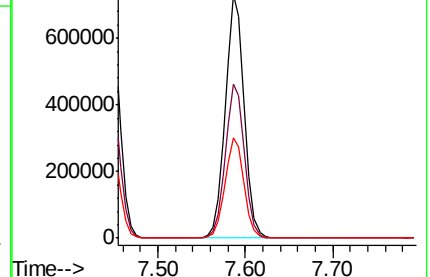
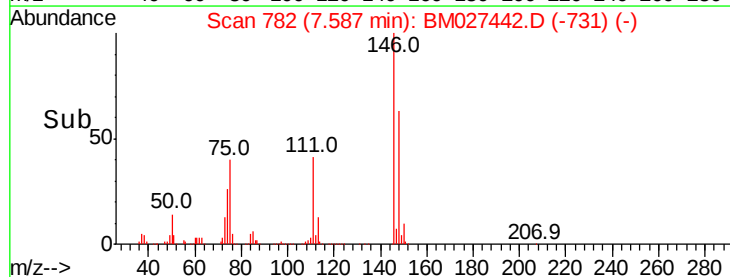
111 41.0 34.4 51.6

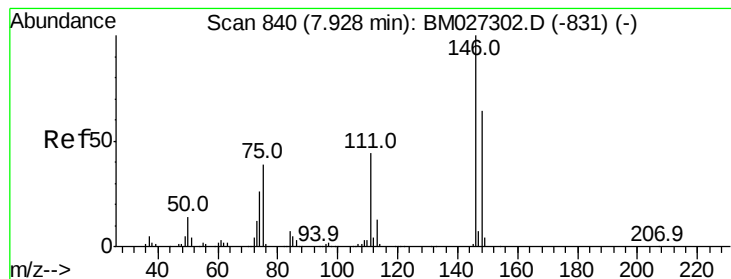


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 122.088 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.01 min

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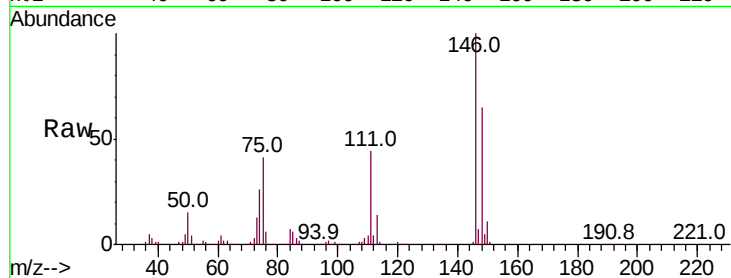
Tot Ion:146 Resp: 875467

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

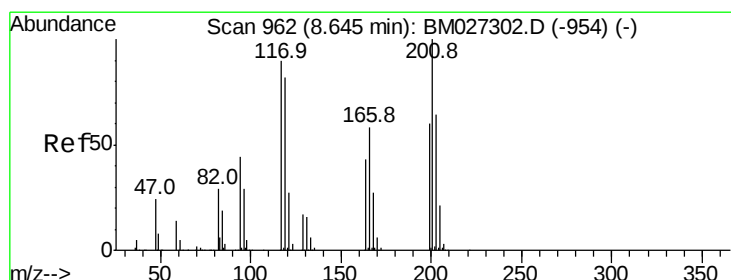
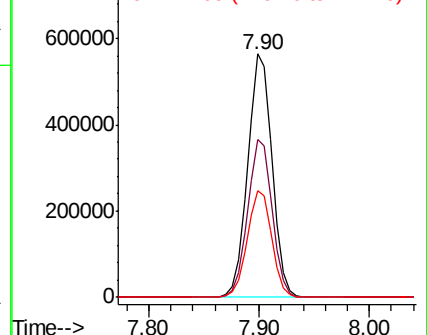
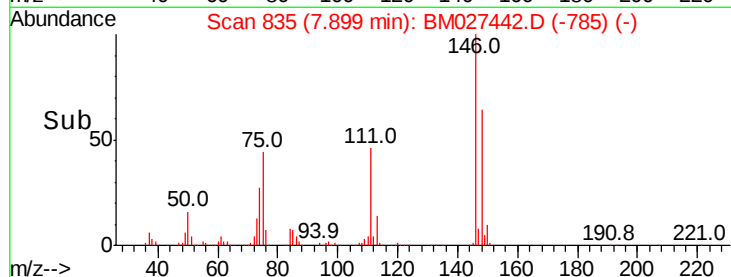
111 43.6 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#18

Hexachloroethane

Concen: 72.622 ng

RT: 8.62 min Scan# 958

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

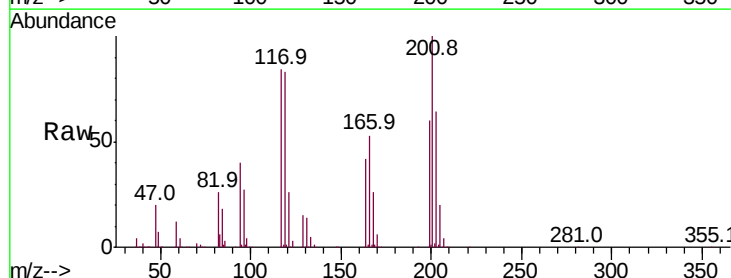
Tgt Ion:117 Resp: 217174

Ion Ratio Lower Upper

117 100

119 98.1 73.1 109.7

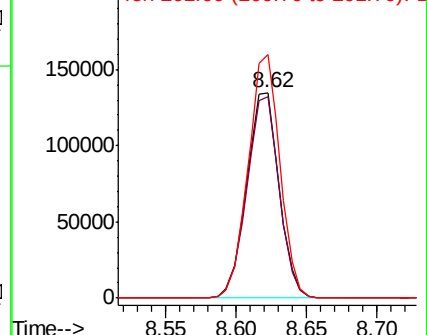
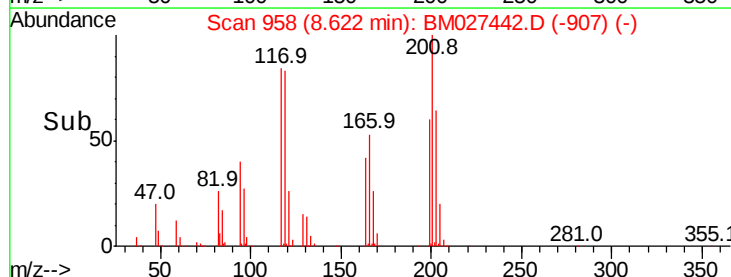
201 118.4 88.7 133.1

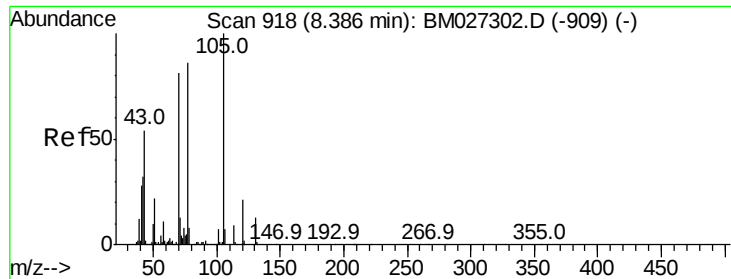


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

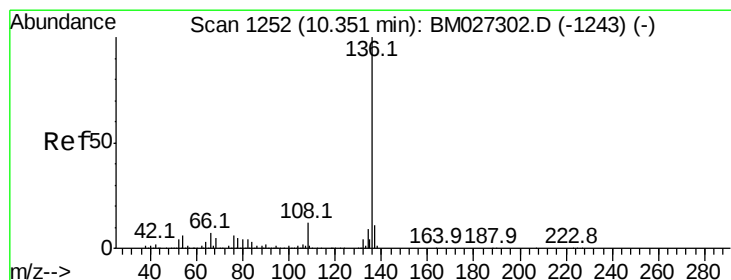
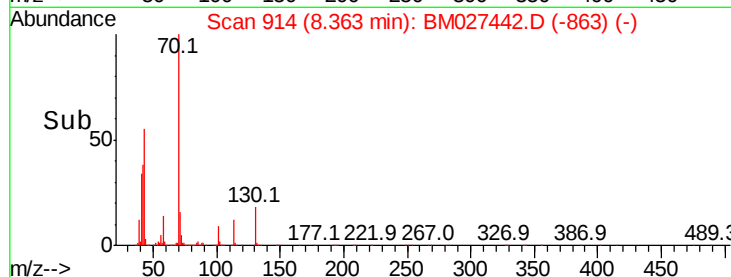
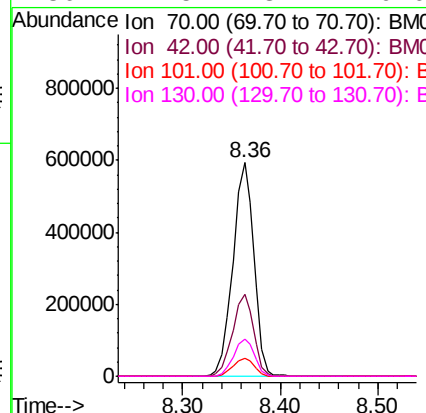
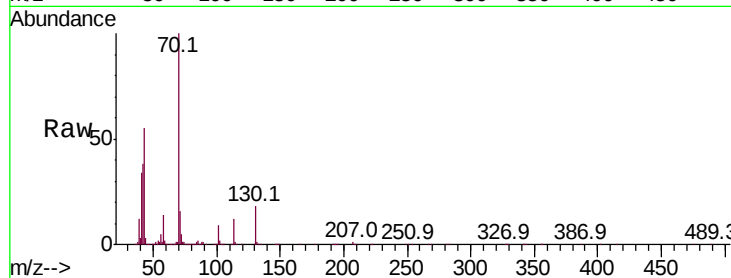




#19
n-Nitroso-di-n-propylamine
Concen: 140.585 ng
RT: 8.36 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

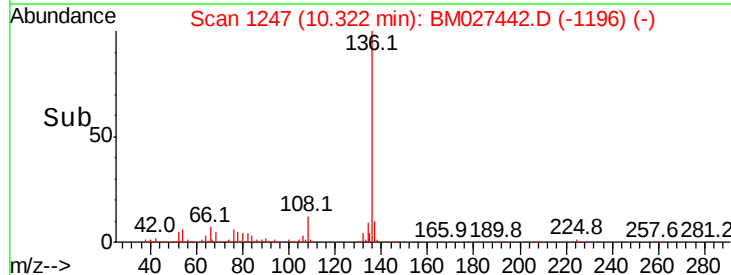
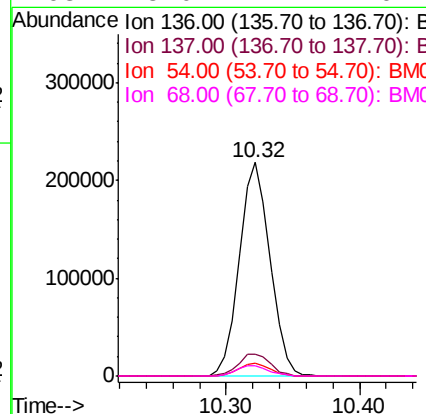
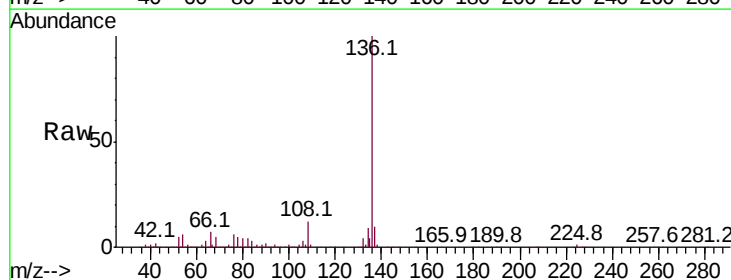
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

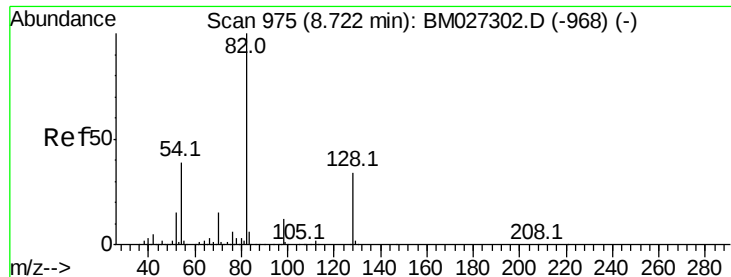
Tot Ion:	70	Resp:	884903
Ion	Ratio	Lower	Upper
70	100		
42	38.2	31.9	47.9
101	8.6	7.0	10.4
130	17.5	13.4	20.0



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

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

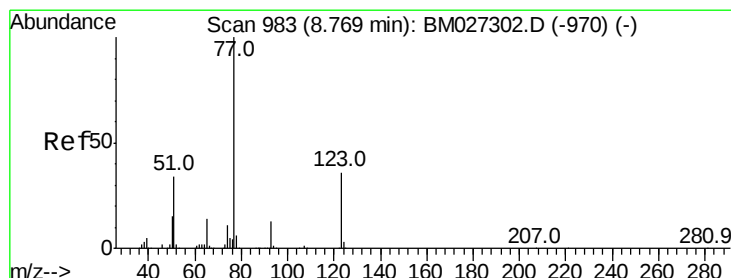
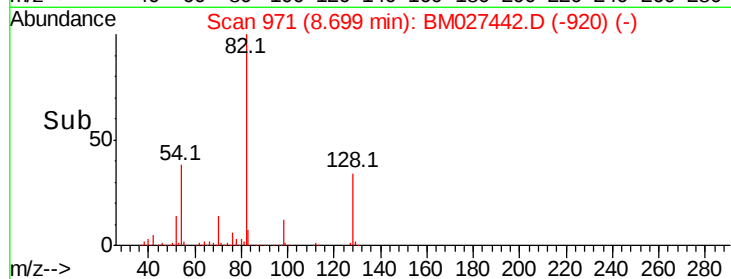
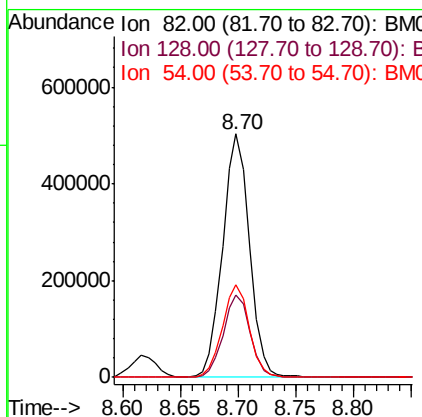
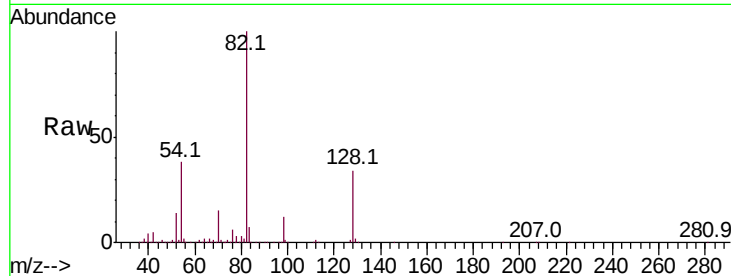




#23
 Nitrobenzene-d5
 Concen: 99.281 ng
 RT: 8.70 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

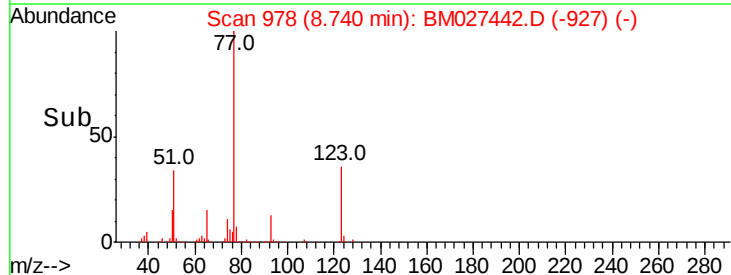
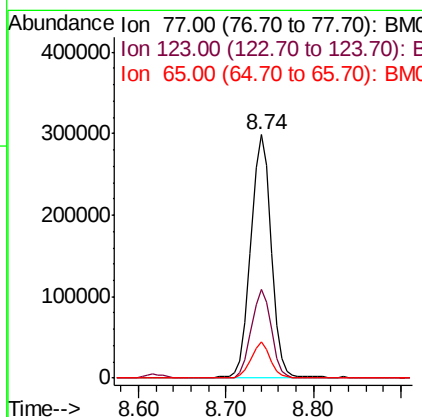
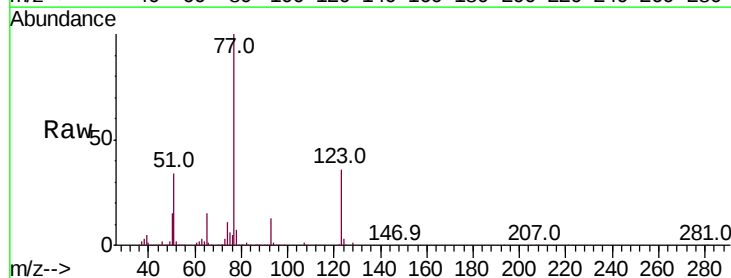
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

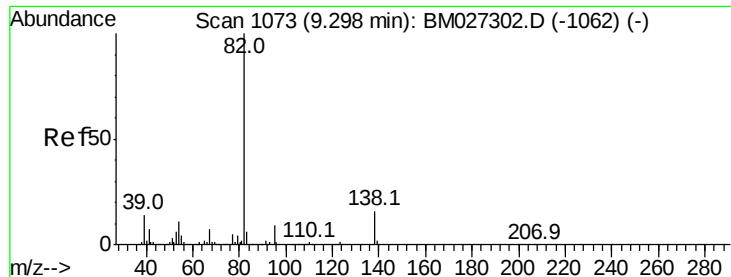
Tot Ion	82	Resp	807998
Ion Ratio	Lower	Upper	
82	100		
128	34.1	27.4	41.0
54	37.9	31.4	47.0



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

Tgt Ion	77	Resp	474893
Ion Ratio	Lower	Upper	
77	100		
123	36.3	29.1	43.7
65	14.7	11.3	16.9





#25

Isophorone

Concen: 147.544 ng

RT: 9.27 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

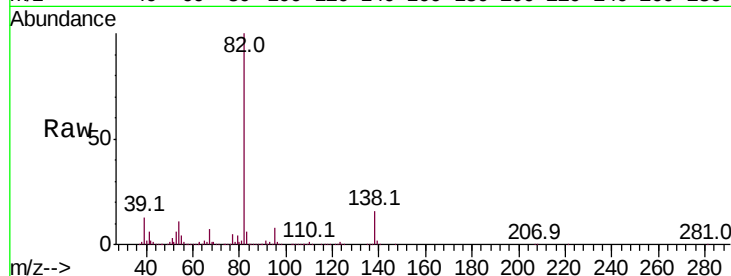
Tot Ion: 82 Resp: 2112455

Ion Ratio Lower Upper

82 100

95 8.1 6.8 10.2

138 15.7 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BM027442.D (-1062) (-)

Ion 95.00 (94.70 to 95.70): BM027442.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM027442.D (-1062) (-)

9.27

1500000

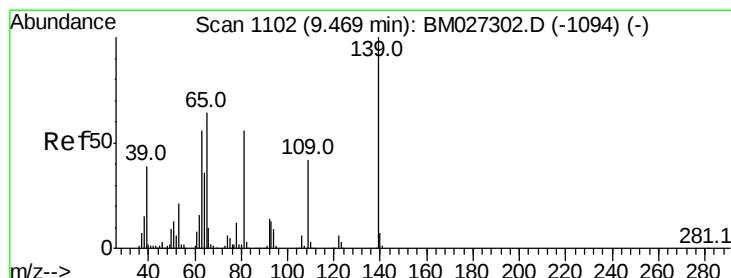
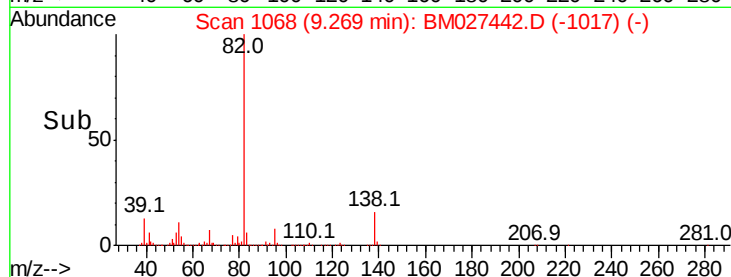
1000000

500000

0

9.15 9.20 9.25 9.30 9.35

Time-->



#26

2-Nitrophenol

Concen: 10.832 ng

RT: 9.27 min Scan# 1068

Delta R.T. -0.18 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

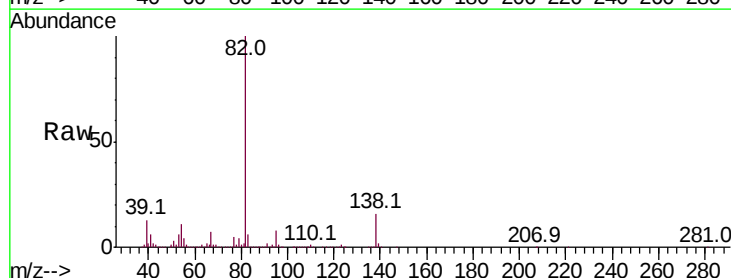
Tgt Ion: 139 Resp: 34067

Ion Ratio Lower Upper

139 100

109 21.6 33.8 50.8#

65 128.4 51.0 76.6#



Abundance Ion 139.00 (138.70 to 139.70): BM027442.D (-1047) (-)

Ion 109.00 (108.70 to 109.70): BM027442.D (-1047) (-)

Ion 65.00 (64.70 to 65.70): BM027442.D (-1047) (-)

9.27

30000

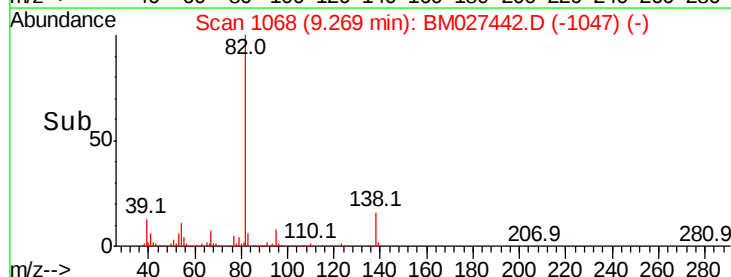
20000

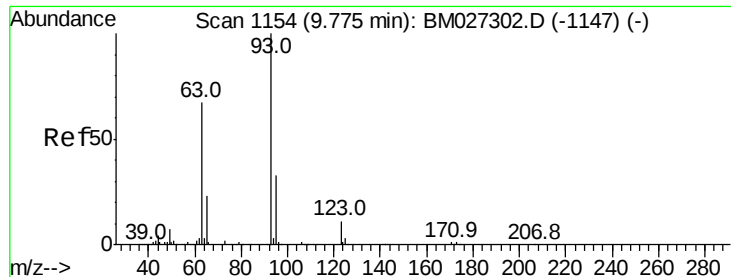
10000

0

9.20 9.25 9.30

Time-->





#28

bis(2-Chloroethoxy)methane

Concen: 120.278 ng

RT: 9.75 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

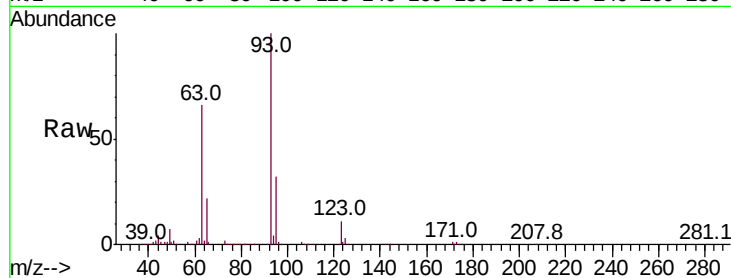
Tot Ion: 93 Resp: 987954

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

123 10.6 8.6 12.8

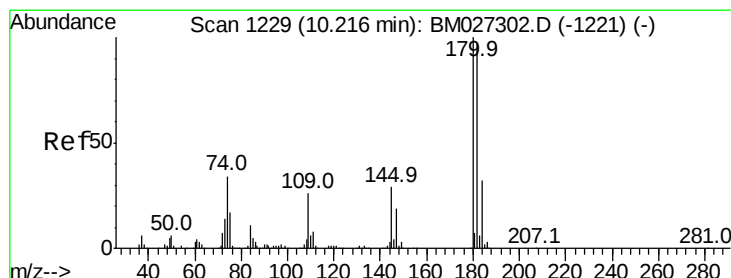
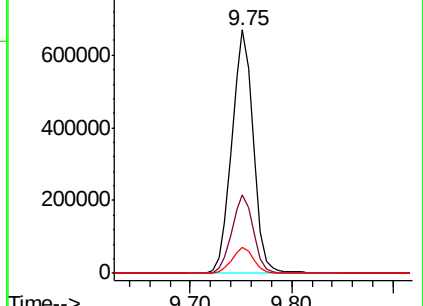
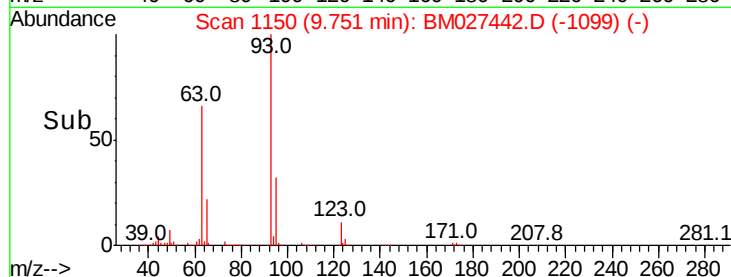


Abundance Ion 93.00 (92.70 to 93.70): BM027302.D (-1147) (-)

Ion 95.00 (94.70 to 95.70): BM027302.D (-1147) (-)

Ion 123.00 (122.70 to 123.70): BM027302.D (-1147) (-)

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 137.782 ng

RT: 10.19 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

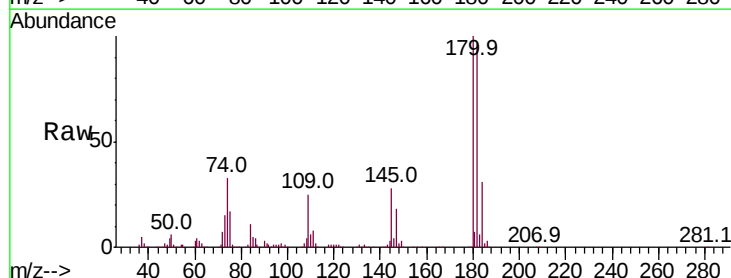
Tgt Ion:180 Resp: 1017401

Ion Ratio Lower Upper

180 100

182 96.9 77.7 116.5

145 28.3 23.4 35.0

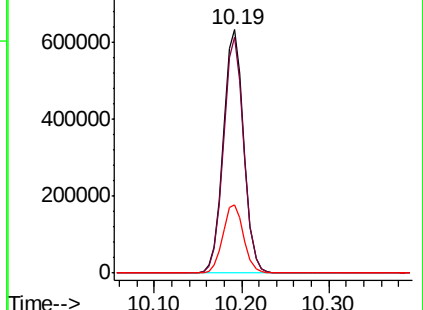
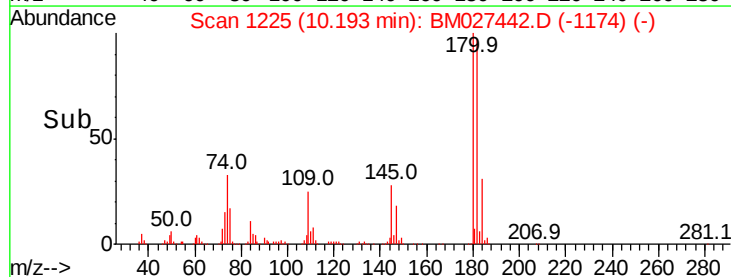


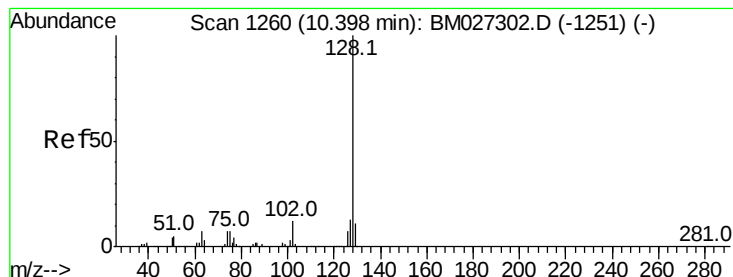
Abundance Ion 180.00 (179.70 to 180.70): BM027302.D (-1221) (-)

Ion 182.00 (181.70 to 182.70): BM027302.D (-1221) (-)

Ion 145.00 (144.70 to 145.70): BM027302.D (-1221) (-)

Time-->





#31

Naphthalene

Concen: 86.000 ng

RT: 10.37 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

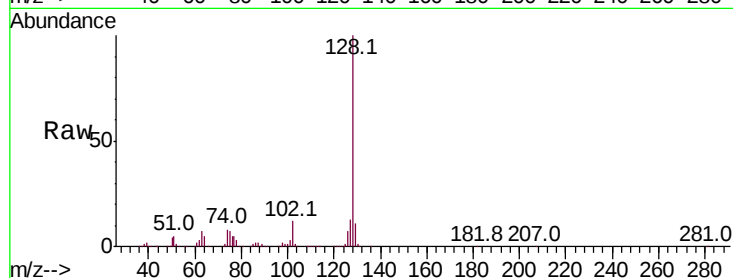
Tot Ion:128 Resp: 1601723

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

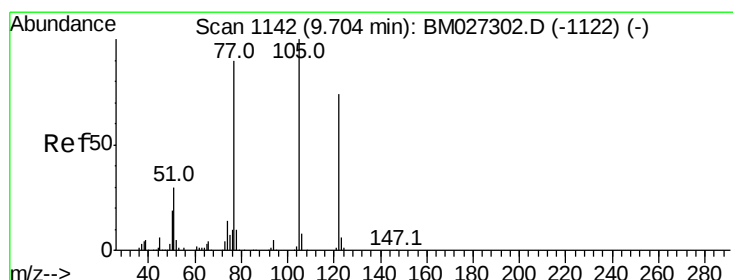
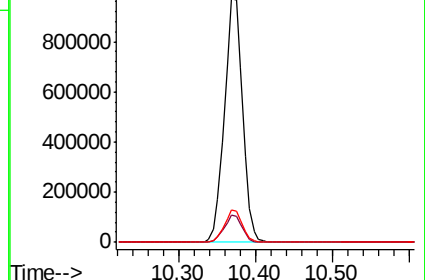
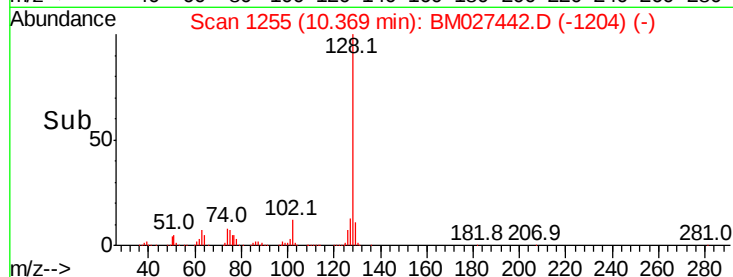
127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.236 ng

RT: 9.75 min Scan# 1149

Delta R.T. 0.09 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

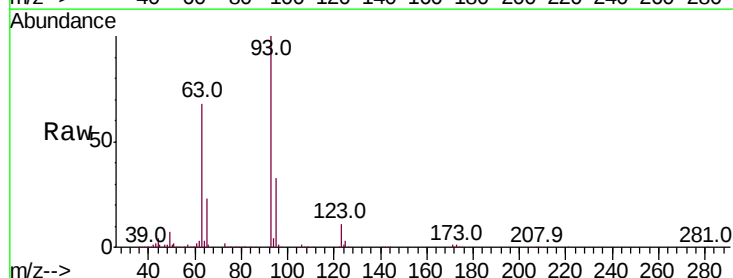
Tgt Ion:122 Resp: 339

Ion Ratio Lower Upper

122 100

105 0.0 114.0 154.0#

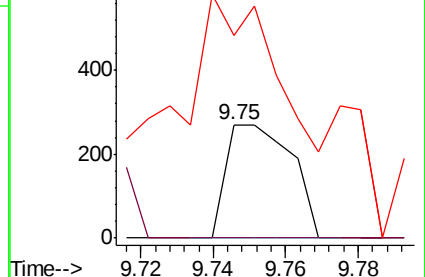
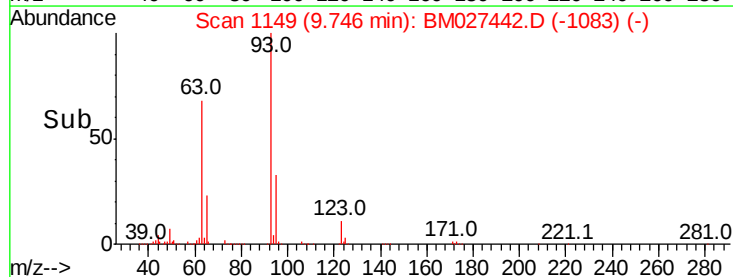
77 178.9 101.8 141.8#

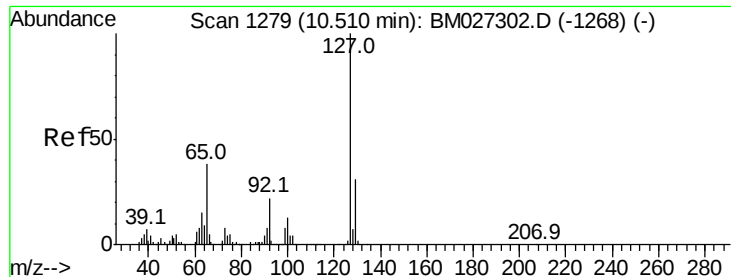


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

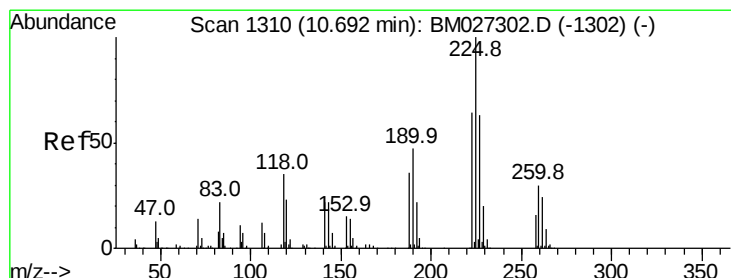
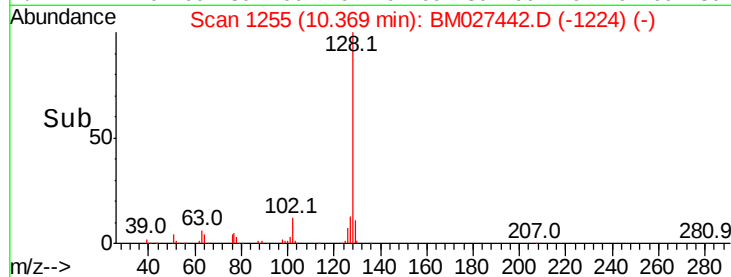
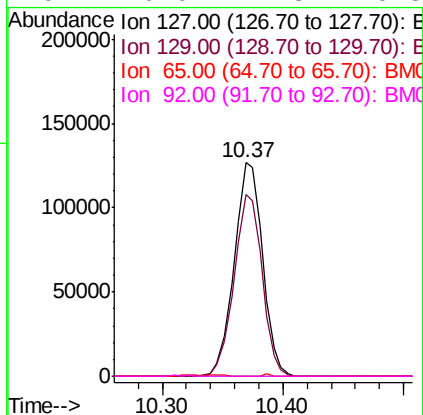
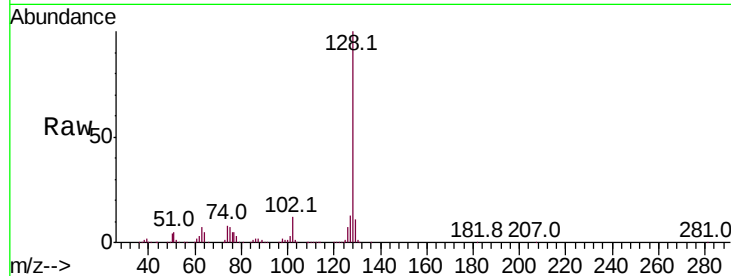




#33
 4-Chloroaniline
 Concen: 26.294 ng
 RT: 10.37 min Scan# 1255
 Delta R.T. -0.12 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

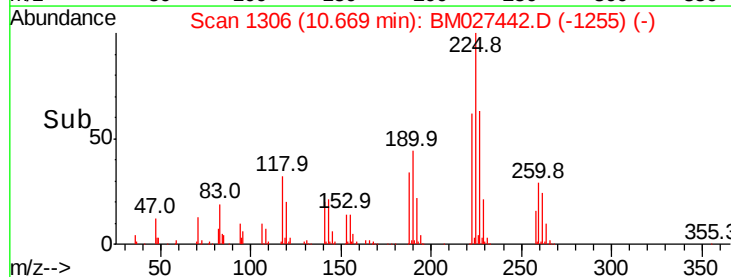
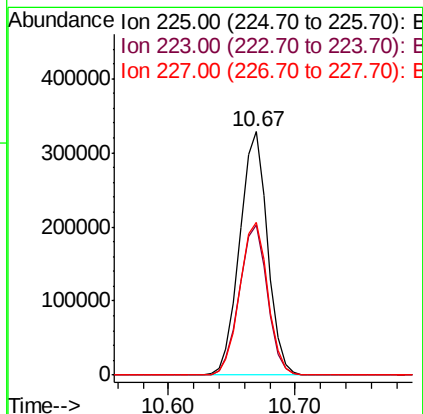
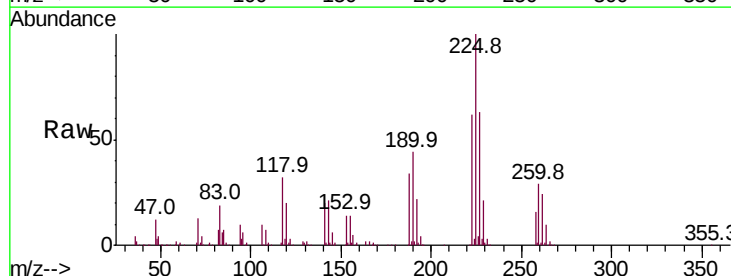
Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

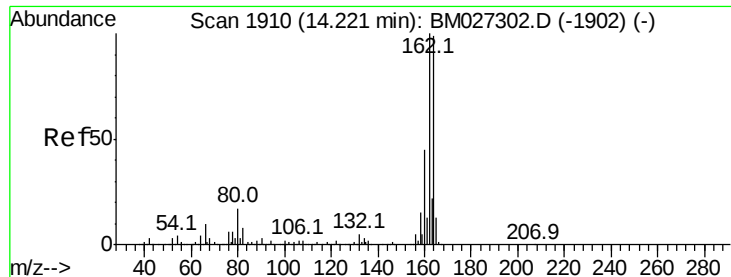
Tot Ion:	127	Resp:	207905
Ion	Ratio	Lower	Upper
127	100		
129	85.1	24.7	37.1#
65	0.0	30.2	45.4#
92	0.0	17.8	26.8#



#34
 Hexachlorobutadiene
 Concen: 99.764 ng
 RT: 10.67 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:	225	Resp:	497805
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.4
227	62.7	50.6	75.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

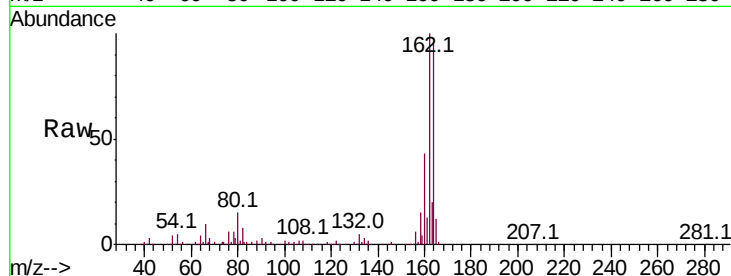
Tot Ion:164 Resp: 224303

Ion Ratio Lower Upper

164 100

162 104.0 80.4 120.6

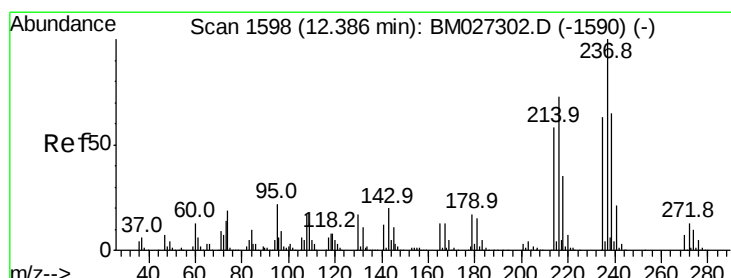
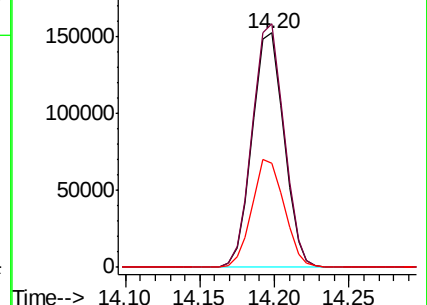
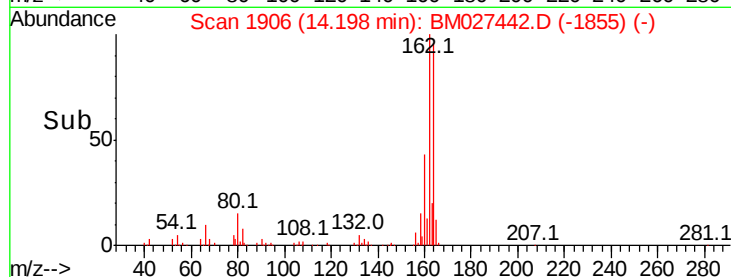
160 44.3 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

Hexachlorocyclopentadiene

Concen: 60.173 ng

RT: 12.36 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

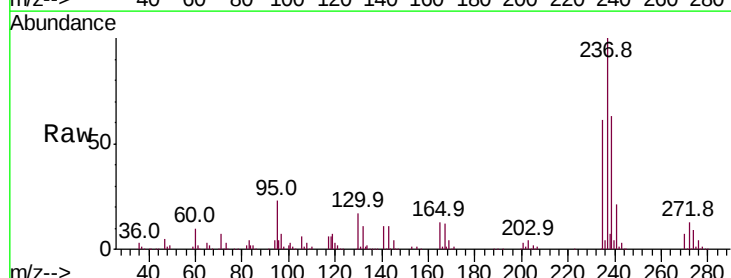
Tgt Ion:237 Resp: 319802

Ion Ratio Lower Upper

237 100

235 60.9 43.1 83.1

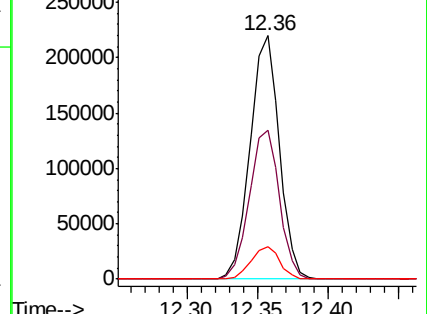
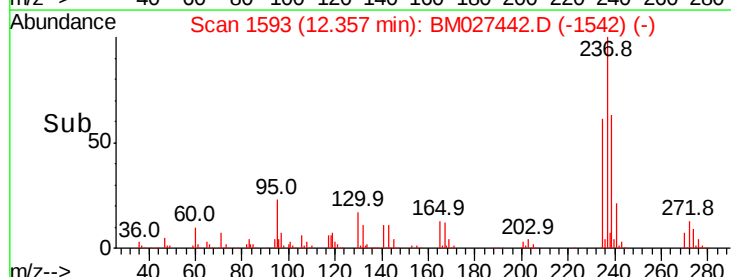
272 13.1 0.0 33.0

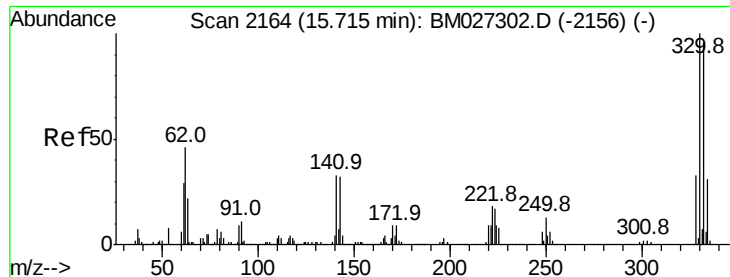


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 124.134 ng

RT: 15.69 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

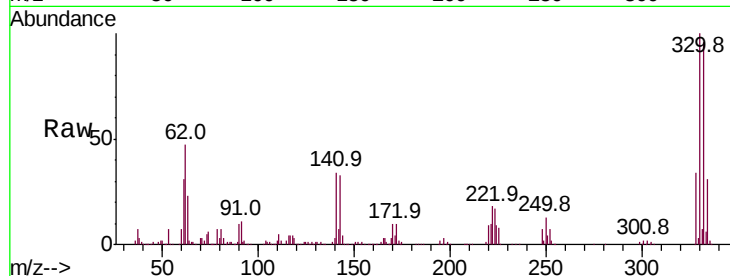
Tot Ion:330 Resp: 488201

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.8

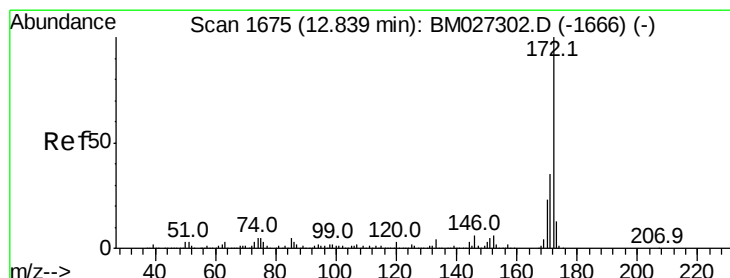
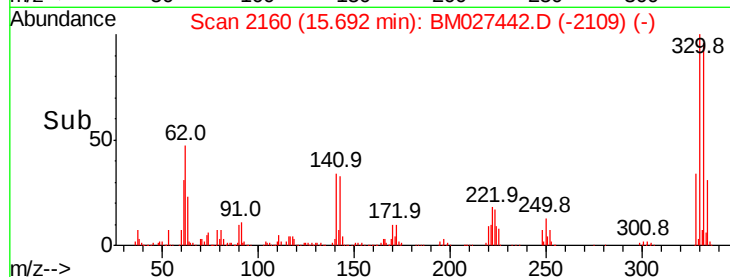
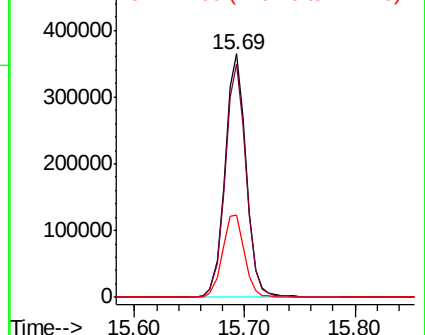
141 35.6 28.4 42.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 96.585 ng

RT: 12.82 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

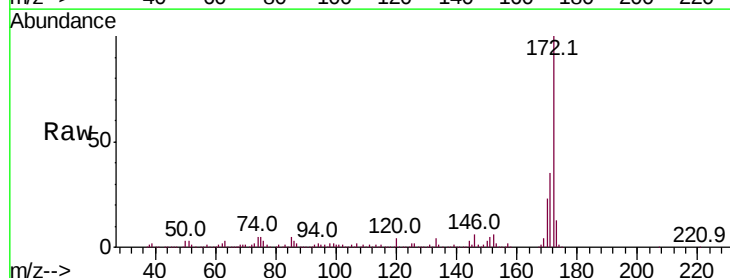
Tgt Ion:172 Resp: 1629024

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

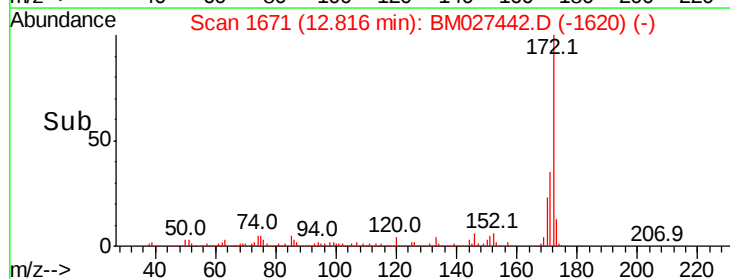
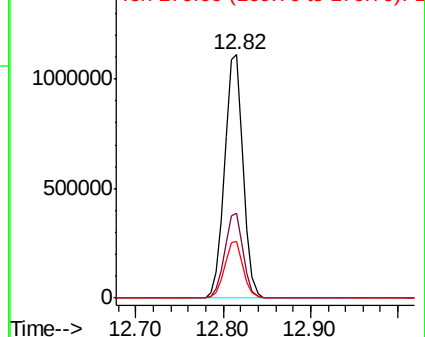
170 23.2 18.6 27.8

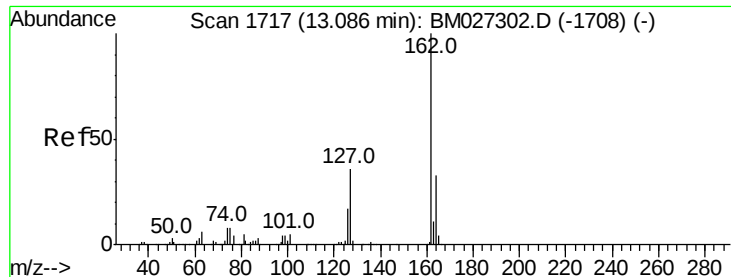


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

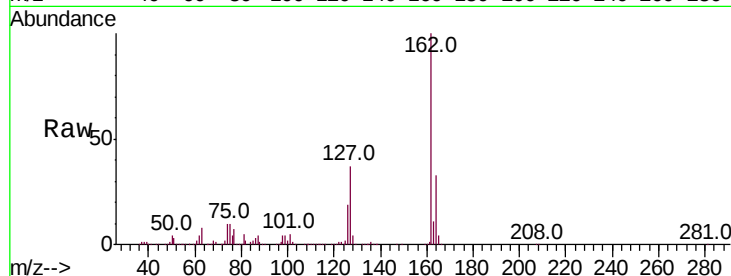




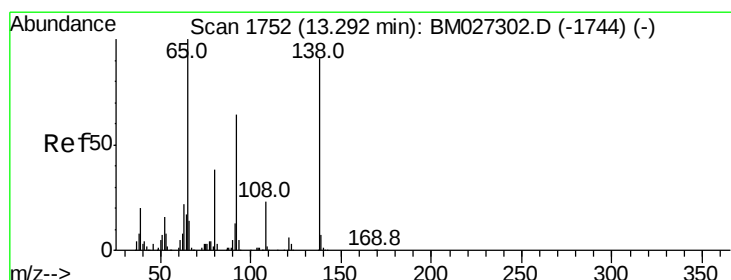
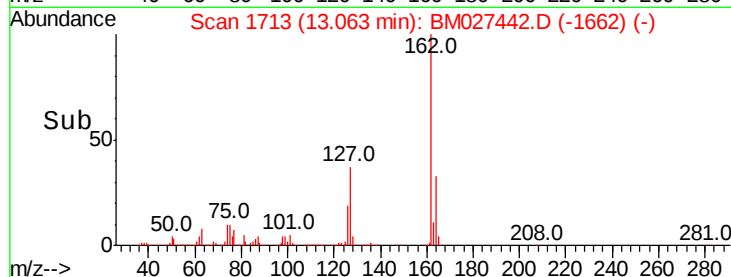
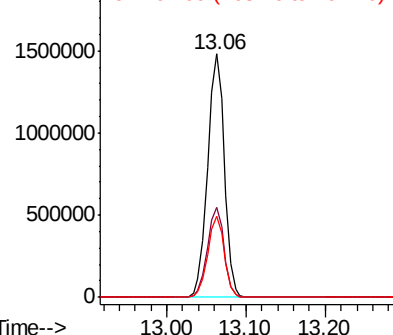
#47
 2-Chloronaphthalene
 Concen: 153.558 ng
 RT: 13.06 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Tot Ion:162 Resp: 2161427
 Ion Ratio Lower Upper
 162 100
 127 37.1 29.6 44.4
 164 33.2 26.2 39.4

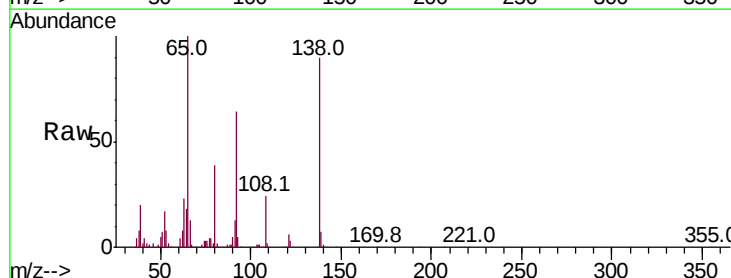


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

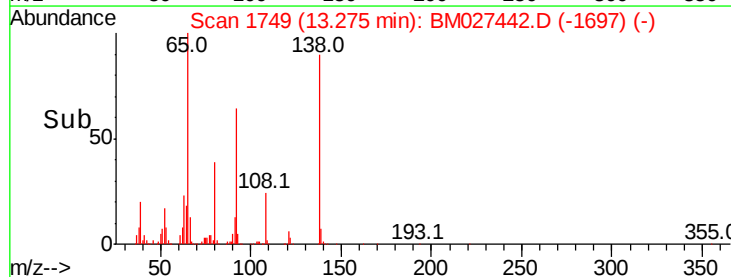
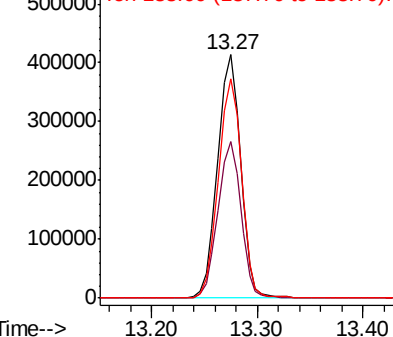


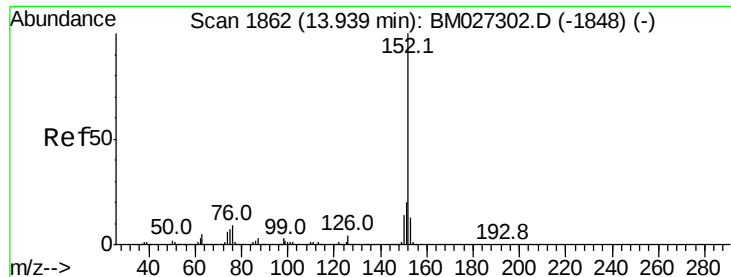
#48
 2-Nitroaniline
 Concen: 145.299 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. 0.01 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Tgt Ion: 65 Resp: 625374
 Ion Ratio Lower Upper
 65 100
 92 64.2 51.5 77.3
 138 90.2 72.7 109.1



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





#49

Acenaphthylene

Concen: 95.952 ng

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

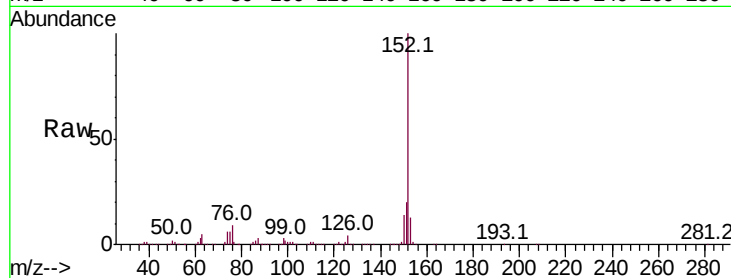
Tot Ion:152 Resp: 2046022

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

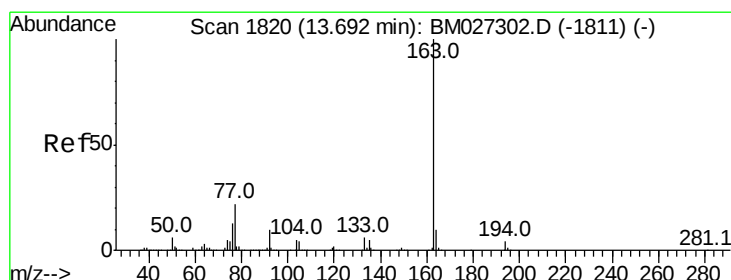
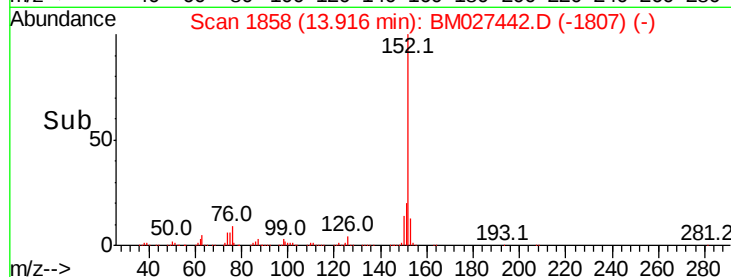
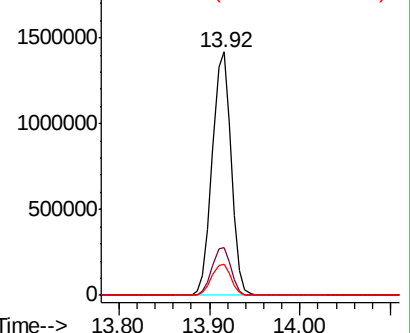
153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 129.806 ng

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

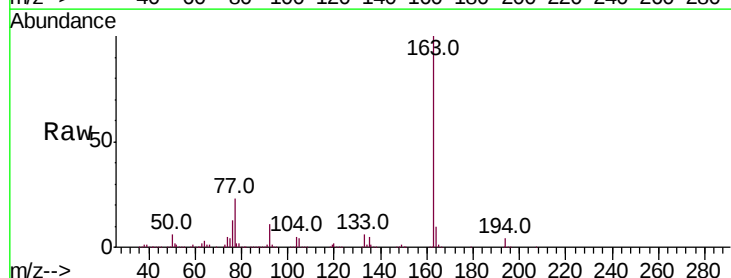
Tgt Ion:163 Resp: 2393158

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

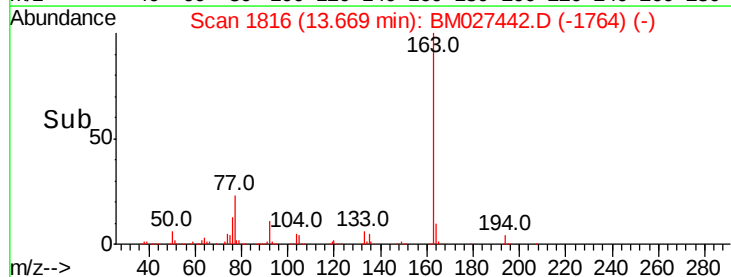
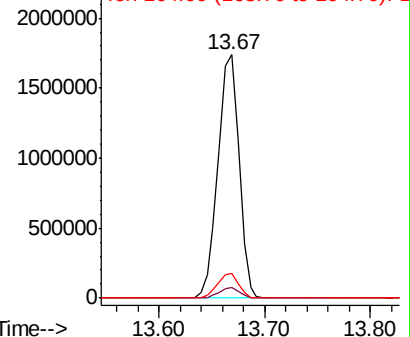
164 10.1 8.1 12.1

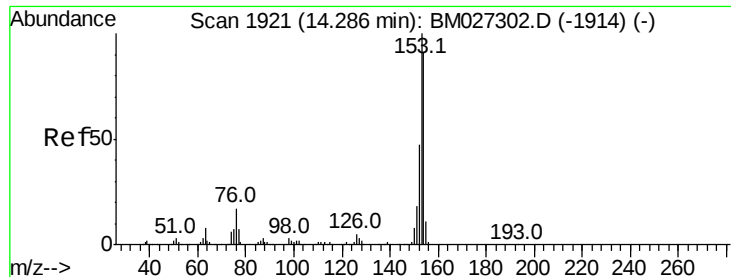


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 150.776 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

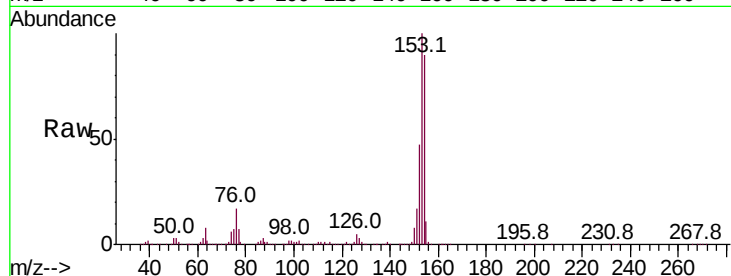
Tot Ion:154 Resp: 1994624

Ion Ratio Lower Upper

154 100

153 111.7 88.3 132.5

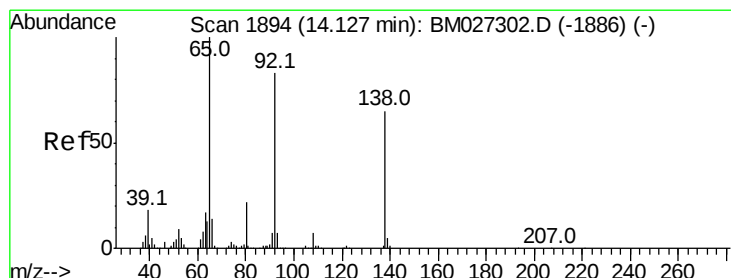
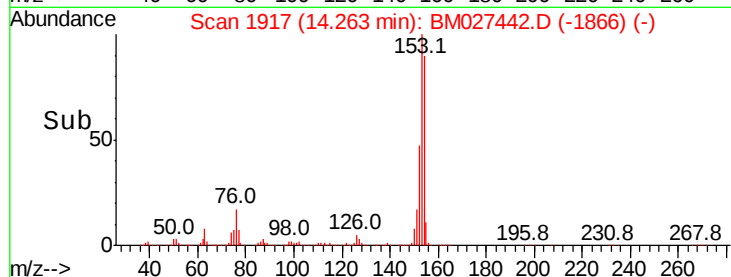
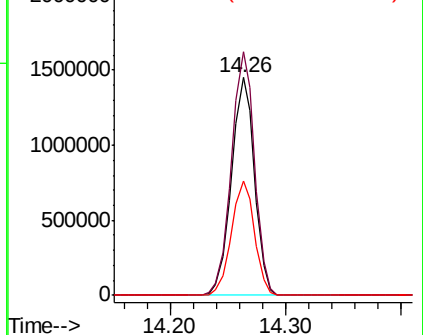
152 52.3 41.4 62.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 3.804 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.16 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

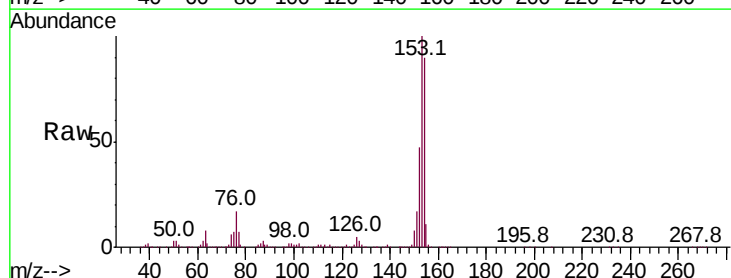
Tgt Ion:138 Resp: 2598

Ion Ratio Lower Upper

138 100

108 31.1 8.6 13.0#

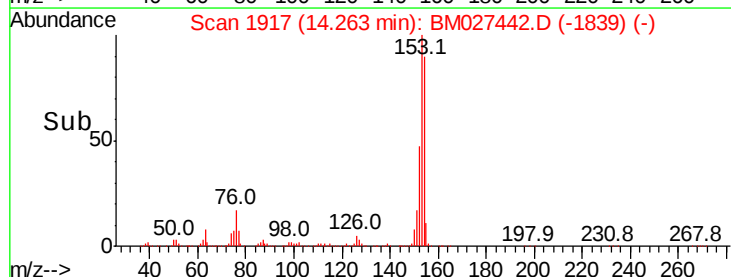
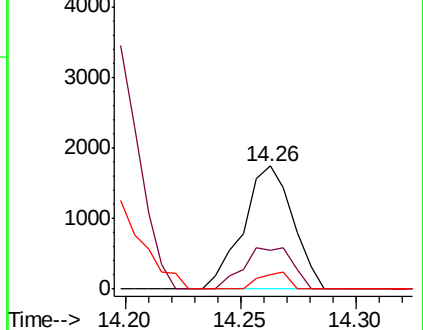
92 11.9 102.1 153.1#

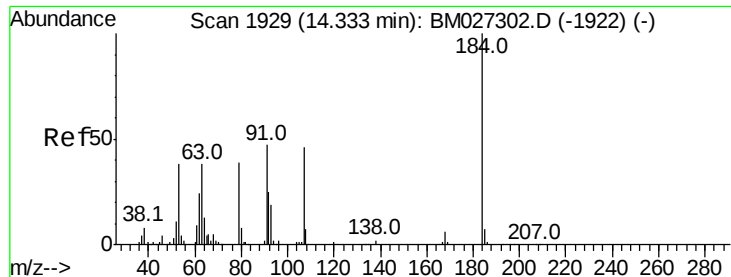


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

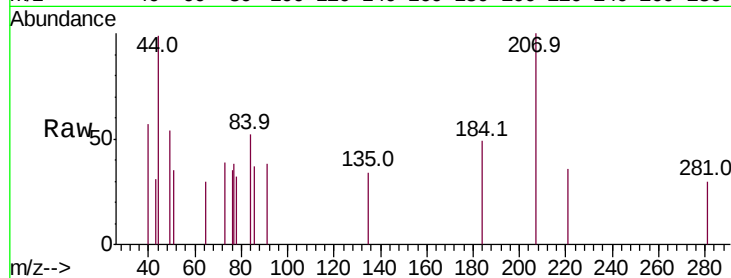




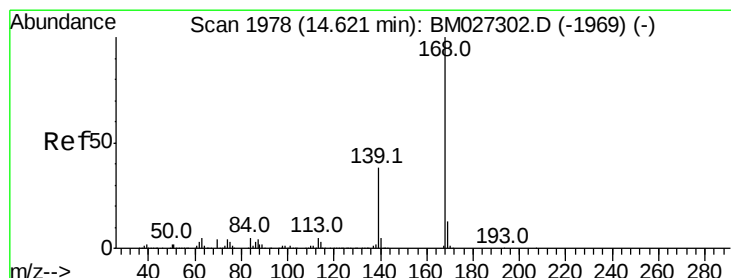
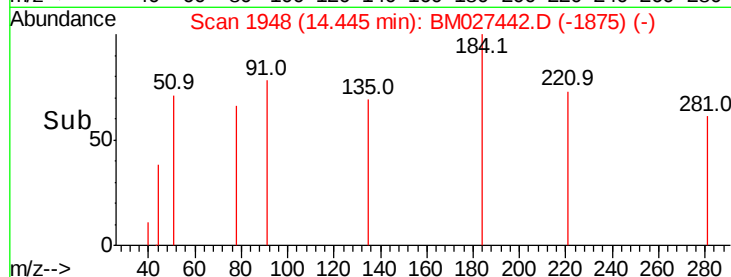
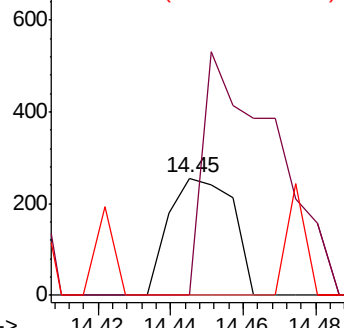
#54
2,4-Dinitrophenol
Concen: 6.423 ng
RT: 14.45 min Scan# 1948
Delta R.T. 0.13 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

Tot Ion:184 Resp: 313
Ion Ratio Lower Upper
184 100
63 0.0 60.2 90.2#
154 0.0 52.9 79.3#

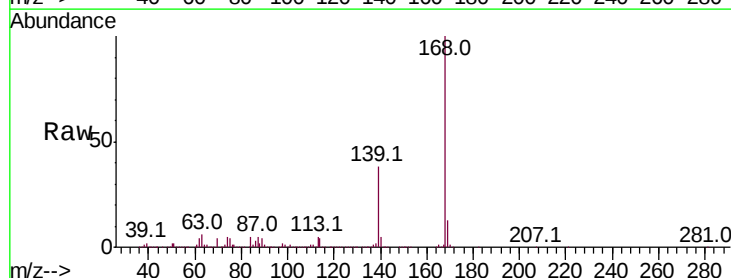


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

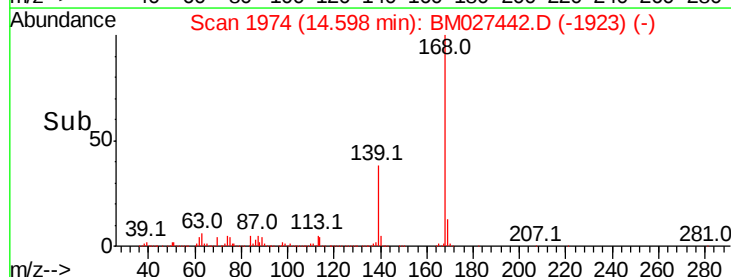
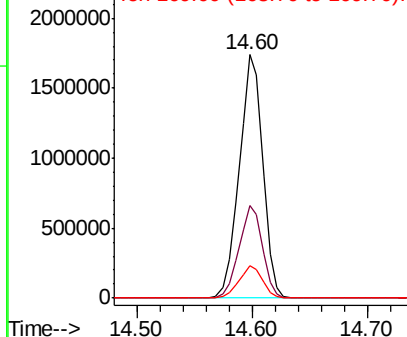


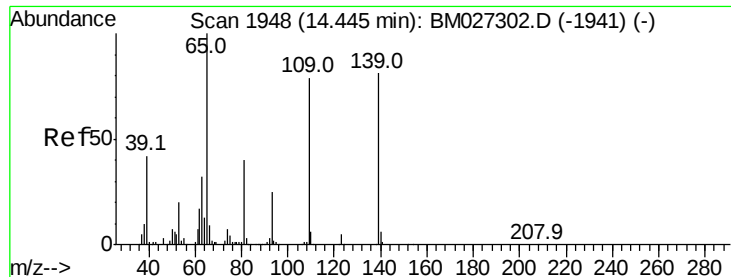
#55
Dibenzofuran
Concen: 109.276 ng
RT: 14.60 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Tgt Ion:168 Resp: 2445336
Ion Ratio Lower Upper
168 100
139 38.2 30.2 45.4
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

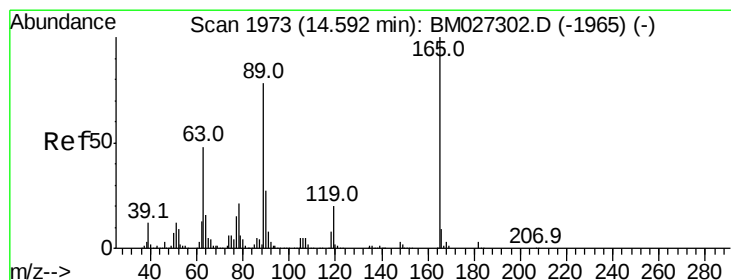
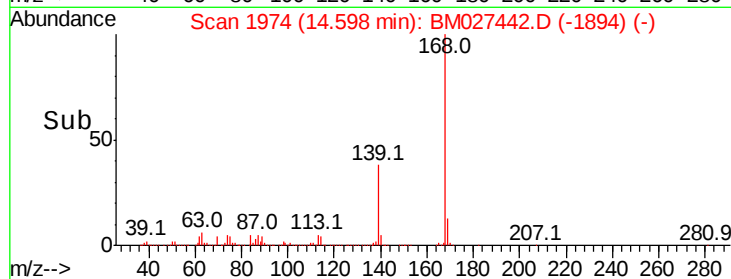
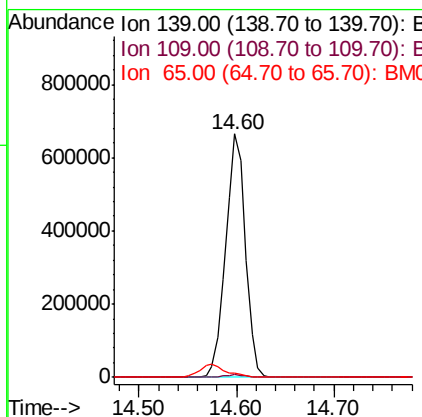
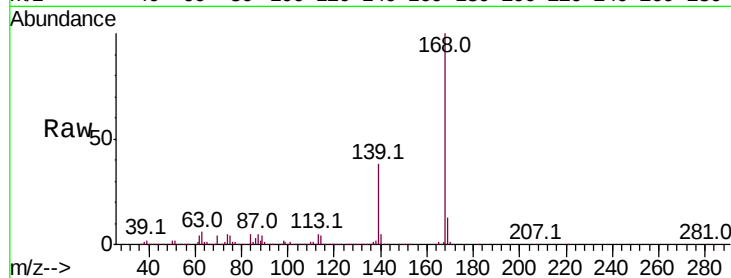




#56
4-Nitrophenol
Concen: 299.544 ng
RT: 14.60 min Scan# 1974
Delta R.T. 0.17 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

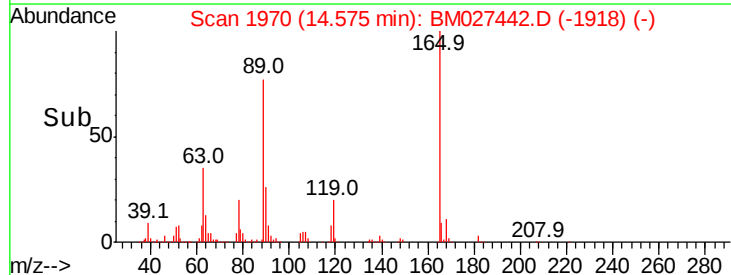
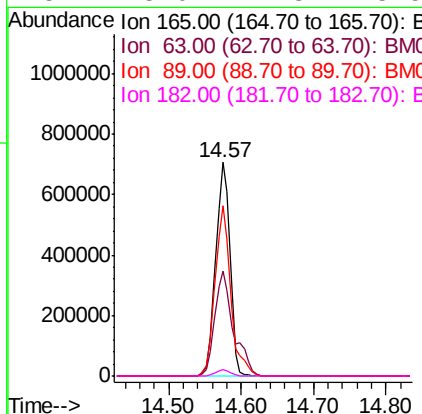
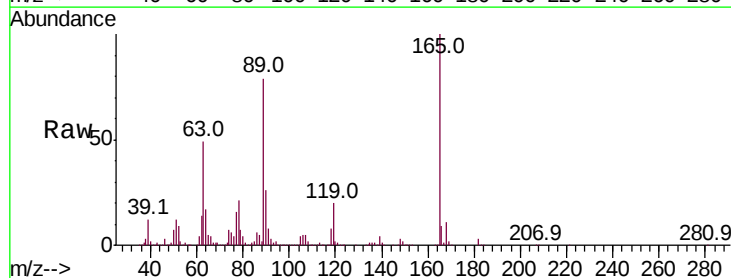
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

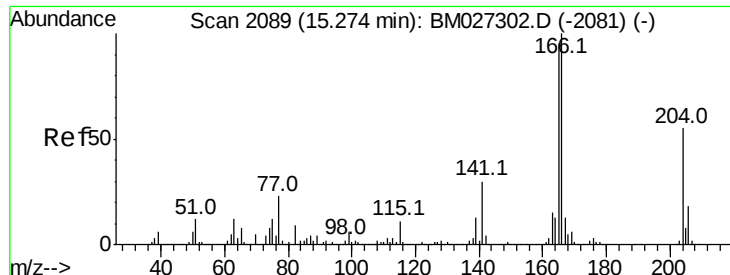
Tot Ion:139 Resp: 930519
Ion Ratio Lower Upper
139 100
109 1.2 77.0 117.0#
65 1.6 103.4 143.4#



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

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





#58

Fluorene

Concen: 45.892 ng

RT: 15.25 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

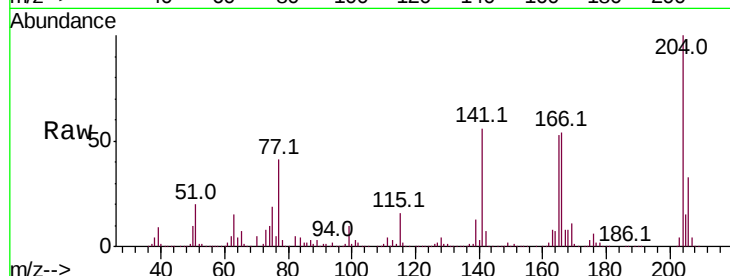
Tot Ion:166 Resp: 862000

Ion Ratio Lower Upper

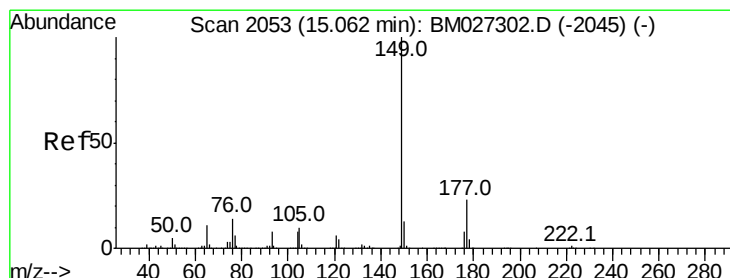
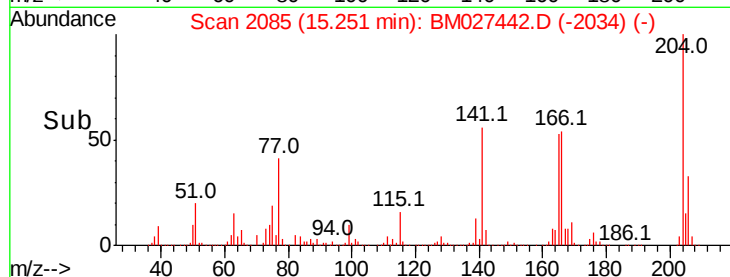
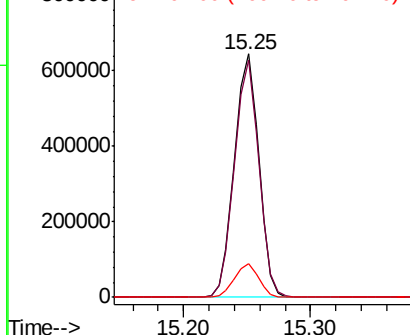
166 100

165 97.4 76.2 114.2

167 14.0 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: 92.426 ng

RT: 15.04 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

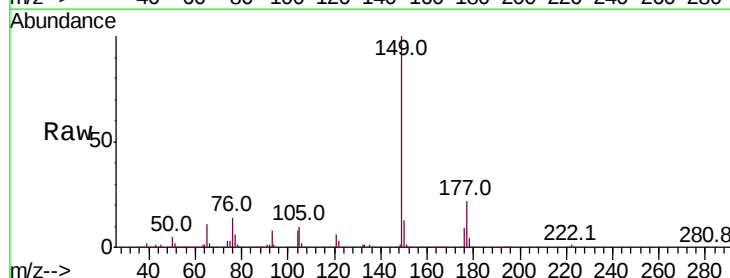
Tgt Ion:149 Resp: 1752674

Ion Ratio Lower Upper

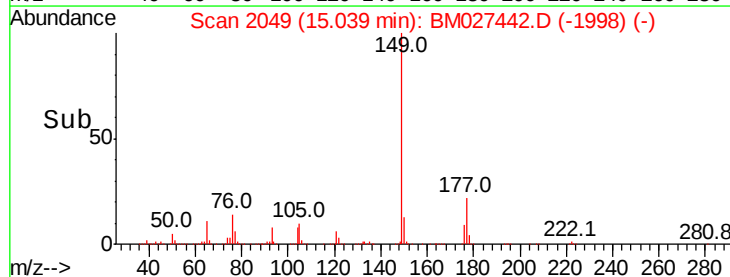
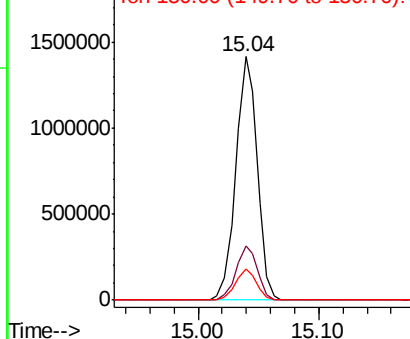
149 100

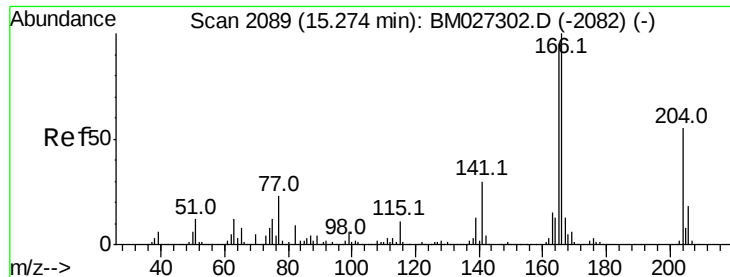
177 22.5 18.2 27.4

150 12.7 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

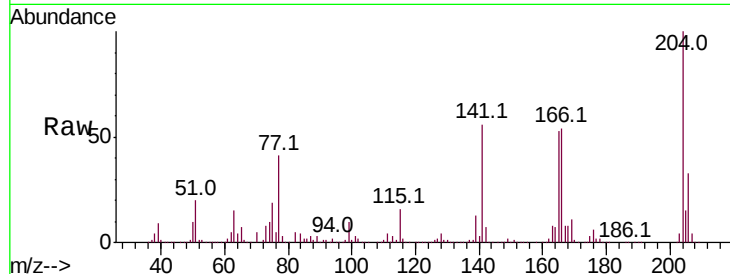




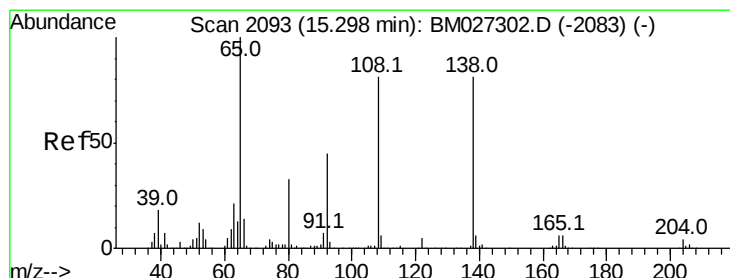
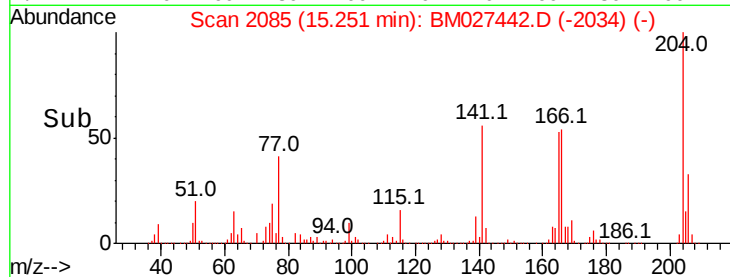
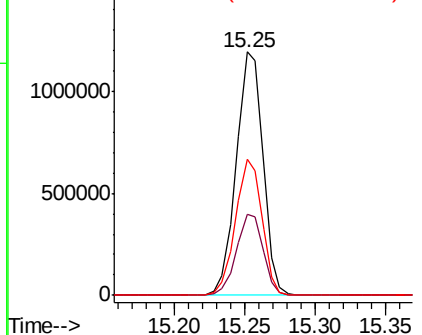
#61
 4-Chlorophenyl-phenylether
 Concen: 152.480 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

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

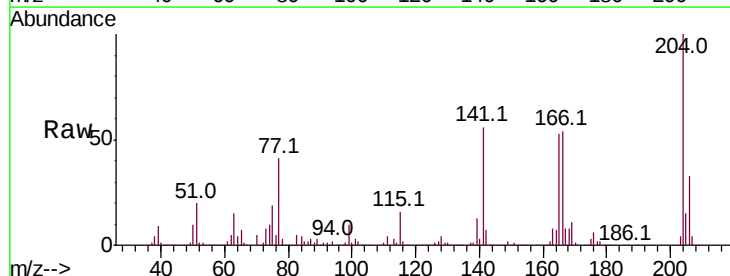


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

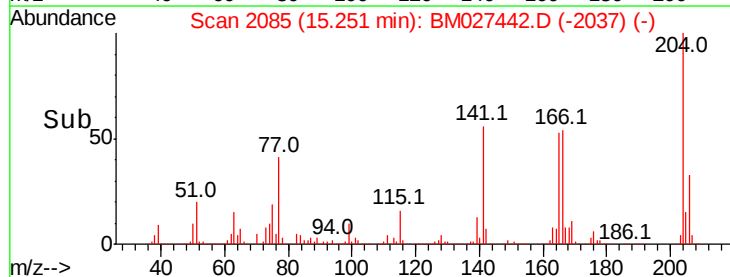
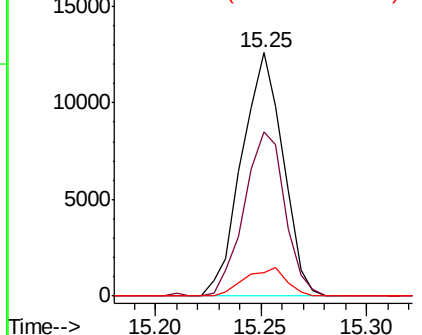


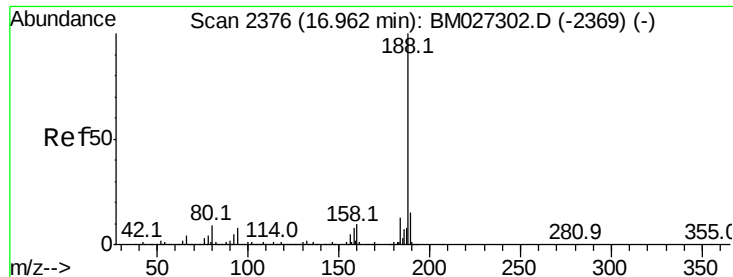
#62
 4-Nitroaniline
 Concen: 7.300 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.02 min
 Lab File: BM027442.D
 Acq: 16 Sep 2020 14:46

Tgt Ion:138 Resp: 17136
 Ion Ratio Lower Upper
 138 100
 92 67.3 35.5 75.5
 108 9.5 80.5 120.5#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E

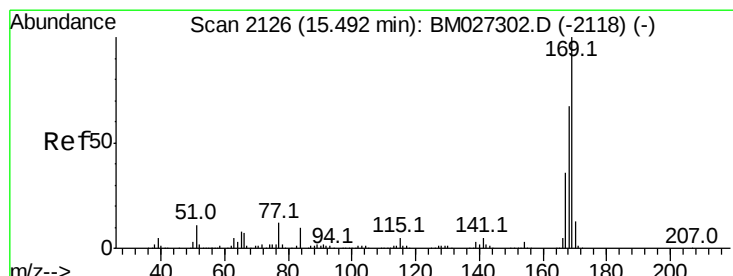
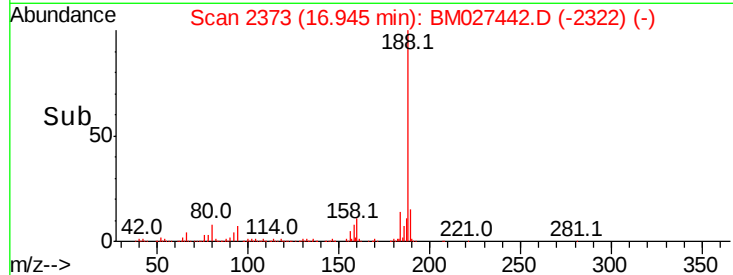
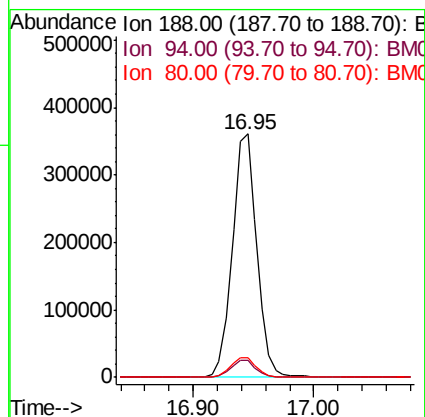
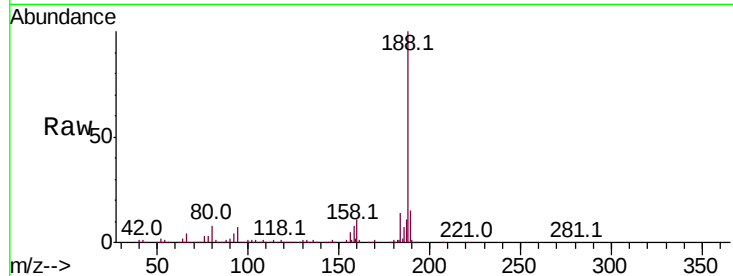




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

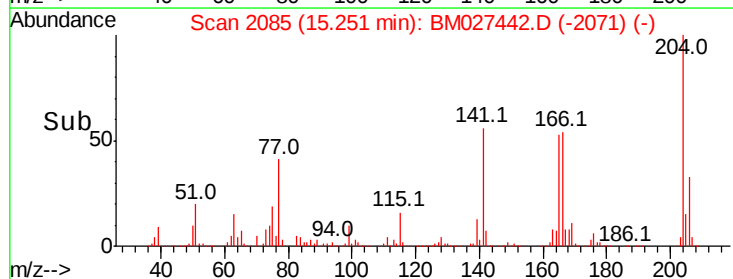
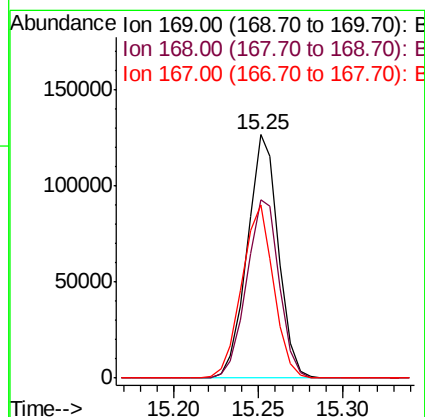
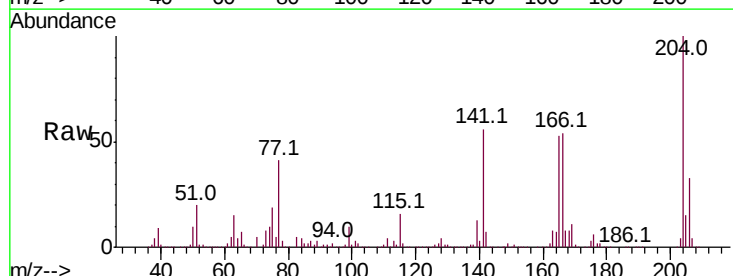
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

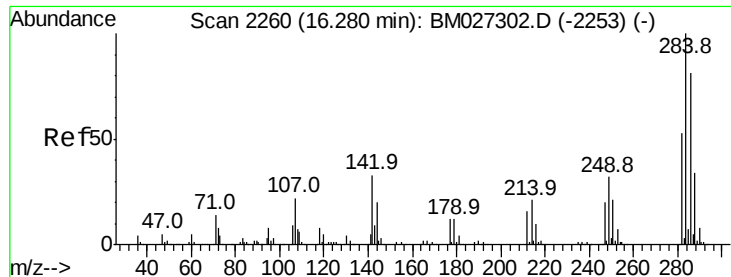
Tot Ion:188 Resp: 508214
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.4
80 8.3 7.5 11.3



#66
n-Nitrosodiphenylamine
Concen: 10.314 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.22 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Tgt Ion:169 Resp: 162139
Ion Ratio Lower Upper
169 100
168 73.0 53.8 80.8
167 71.2 29.0 43.4#





#68

Hexachlorobenzene

Concen: 101.895 ng

RT: 16.26 min Scan# 2257

Delta R.T. 0.01 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

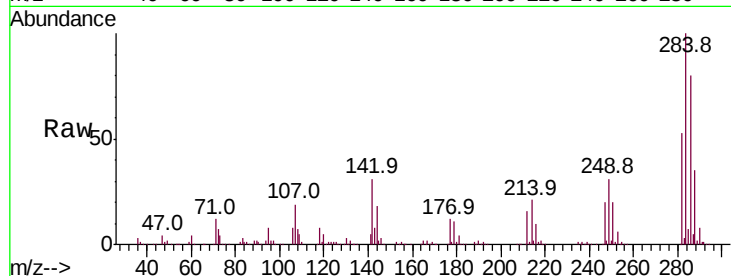
Tot Ion:284 Resp: 746309

Ion Ratio Lower Upper

284 100

142 30.8 26.1 39.1

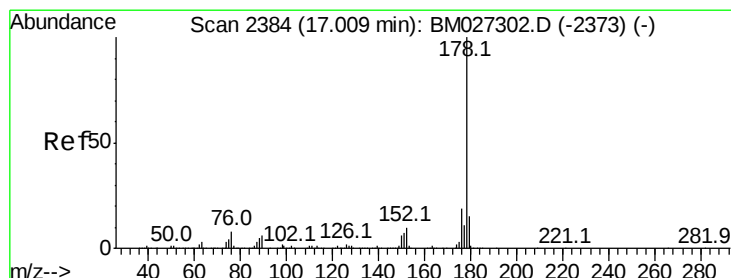
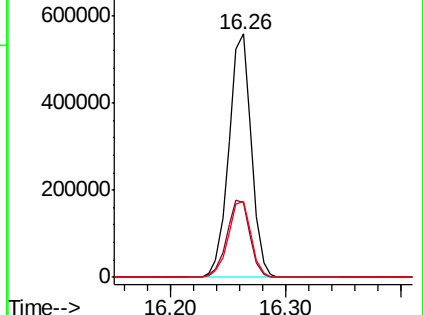
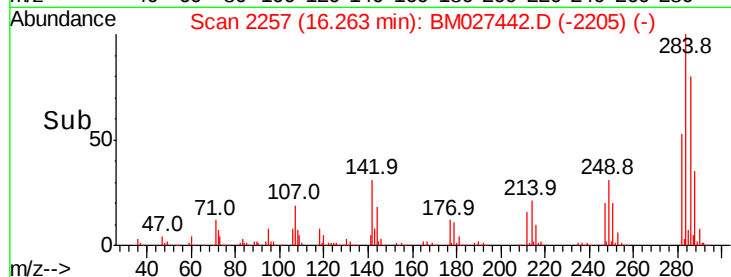
249 31.1 25.6 38.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#71

Phenanthrene

Concen: 57.879 ng

RT: 16.99 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

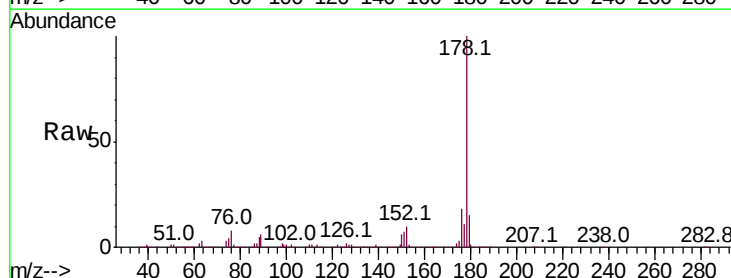
Tgt Ion:178 Resp: 1710421

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

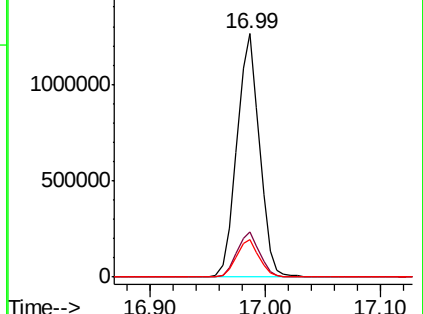
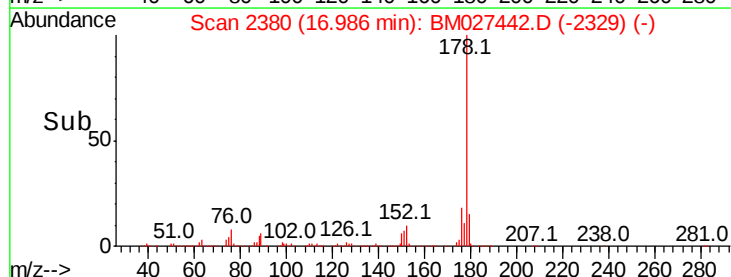
179 15.2 12.2 18.4

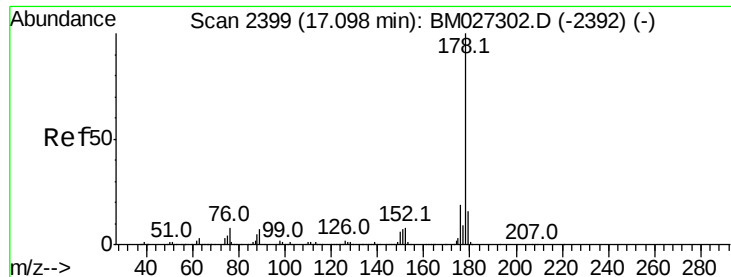


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 57.348 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.09 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

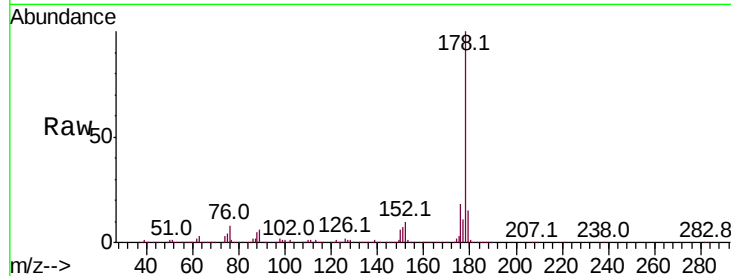
Tot Ion:178 Resp: 1710421

Ion Ratio Lower Upper

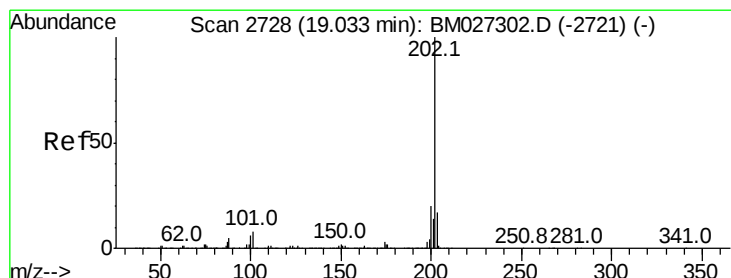
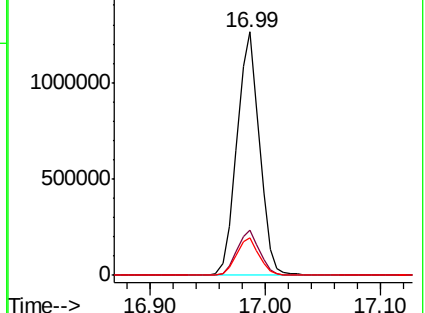
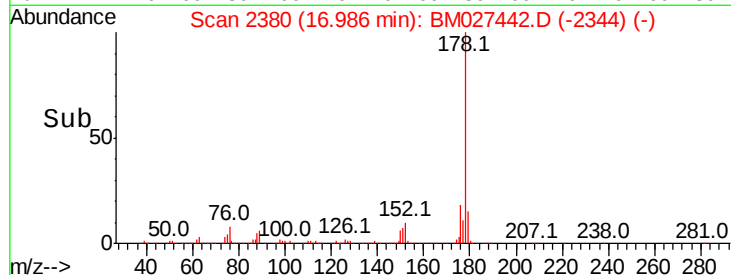
178 100

176 18.5 15.0 22.4

179 15.2 12.5 18.7



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



#75

Fluoranthene

Concen: 71.474 ng

RT: 19.01 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

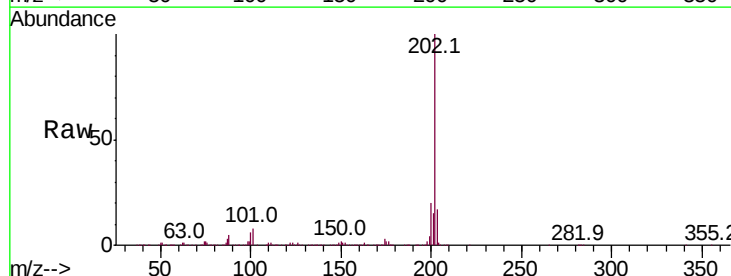
Tgt Ion:202 Resp: 2562229

Ion Ratio Lower Upper

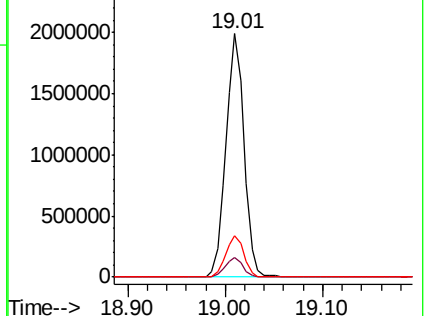
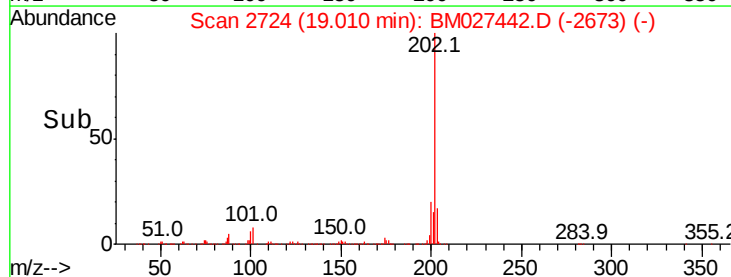
202 100

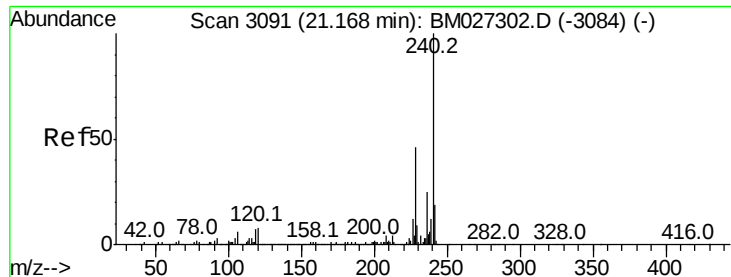
101 8.0 0.0 28.5

203 17.0 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

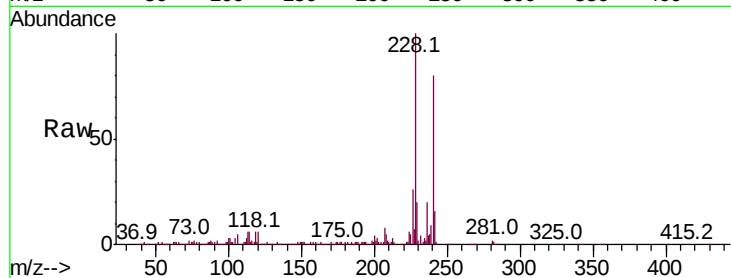
Tot Ion:240 Resp: 574160

Ion Ratio Lower Upper

240 100

120 7.4 6.4 9.6

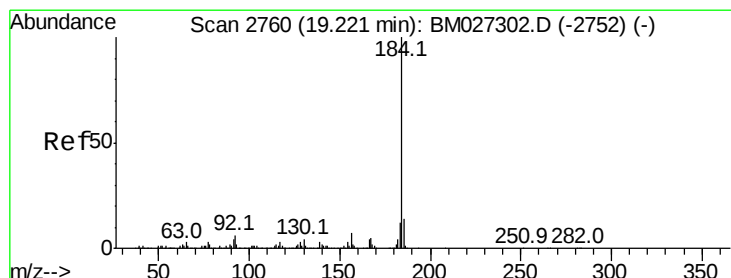
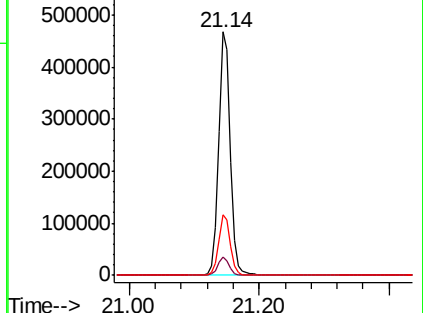
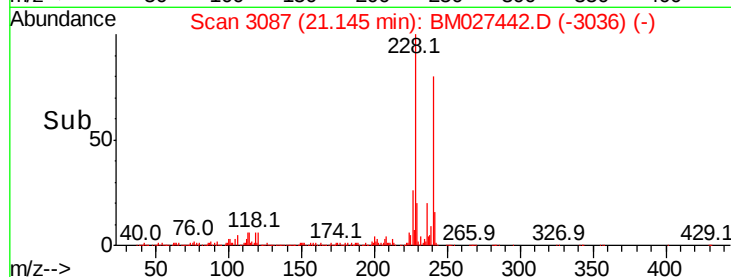
236 24.7 20.1 30.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 6.975 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.05 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

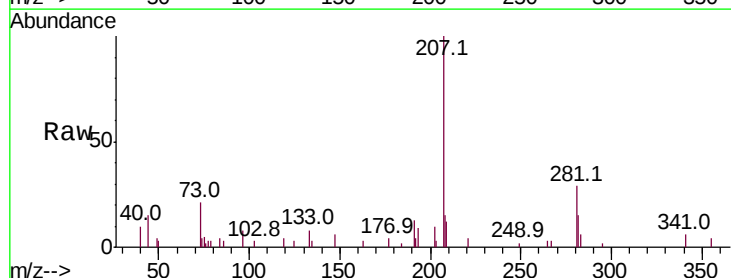
Tgt Ion:184 Resp: 58

Ion Ratio Lower Upper

184 100

185 0.0 11.0 16.6#

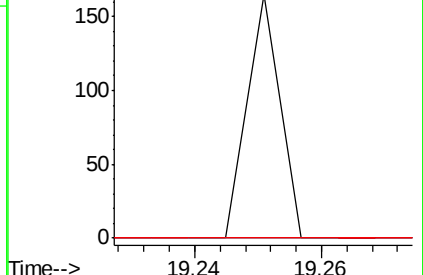
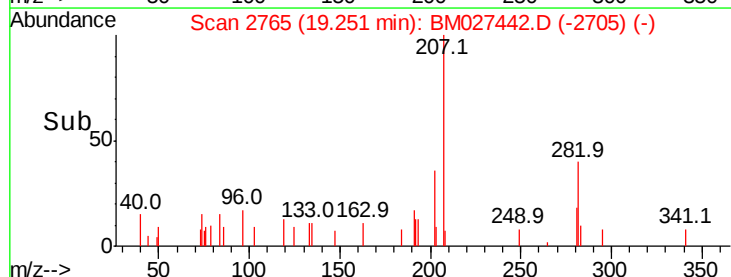
183 0.0 9.7 14.5#

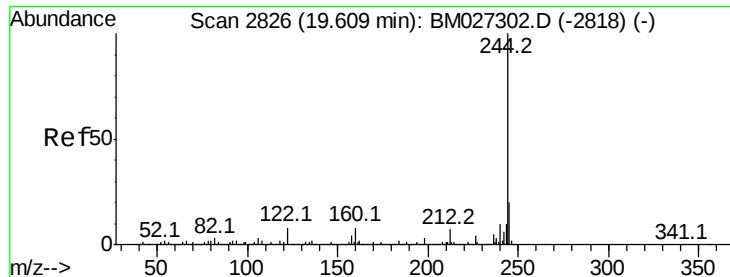


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 84.781 ng

RT: 19.59 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

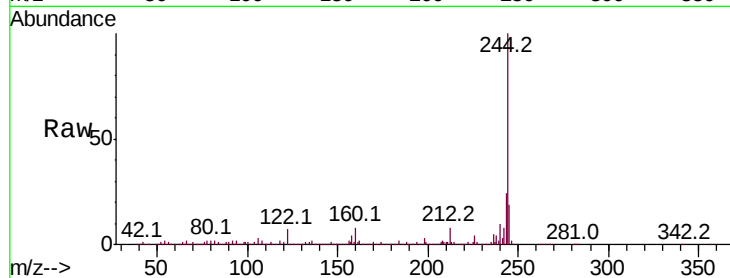
Tot Ion:244 Resp: 2796854

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

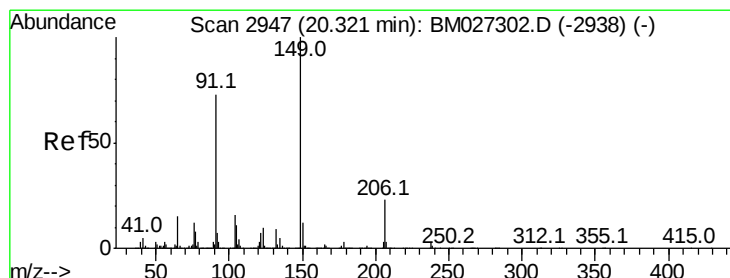
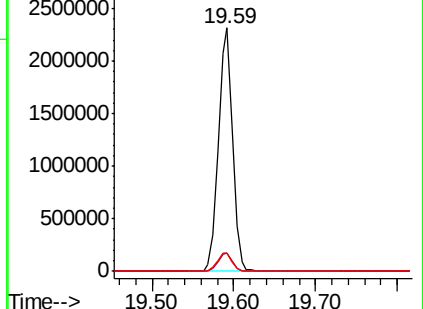
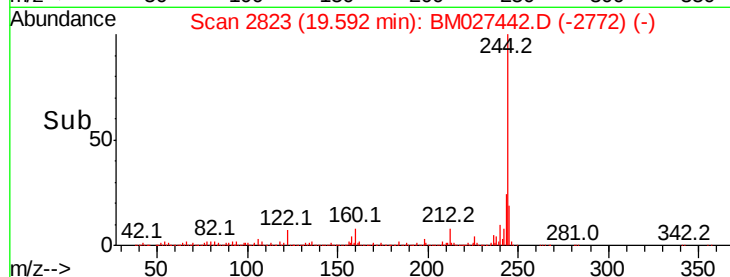
122 7.5 6.5 9.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 137.177 ng

RT: 20.30 min Scan# 2944

Delta R.T. 0.01 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

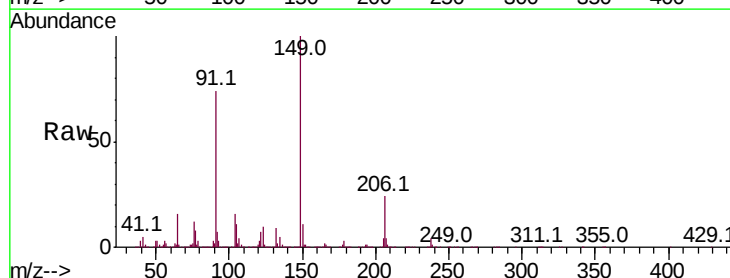
Tgt Ion:149 Resp: 2415848

Ion Ratio Lower Upper

149 100

91 73.6 58.1 87.1

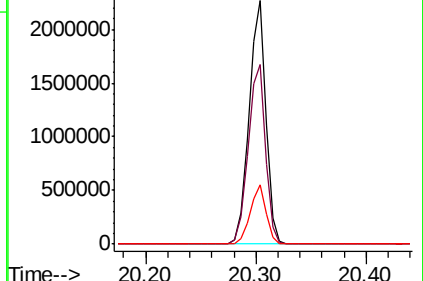
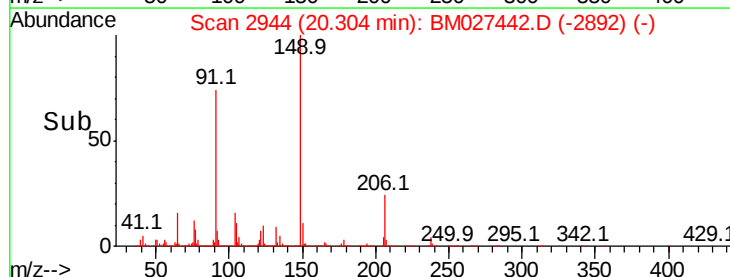
206 24.1 18.7 28.1

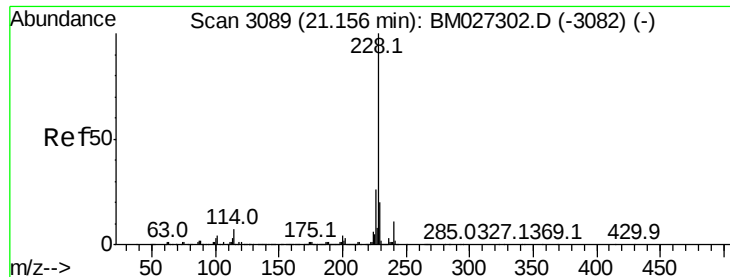


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 63.957 ng

RT: 21.13 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

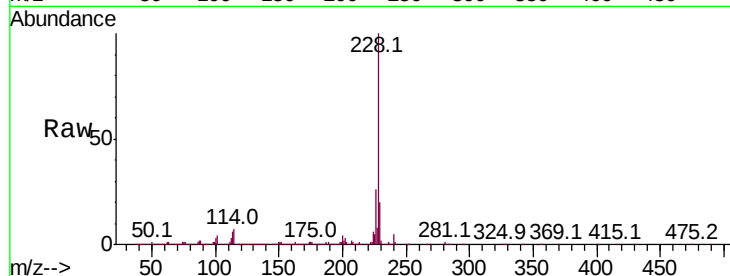
BNA_M

ClientSampleId :

PT-BN-WP

Tot Ion:228 Resp: 2451688

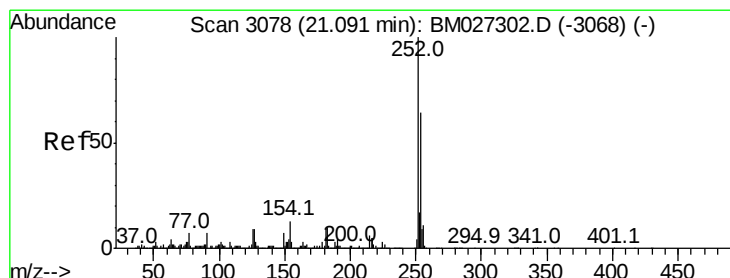
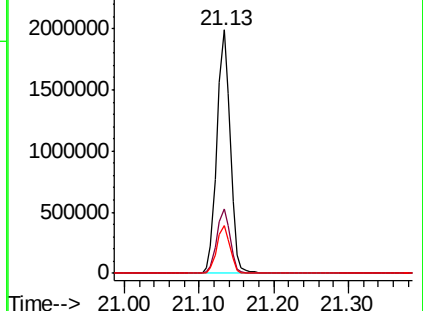
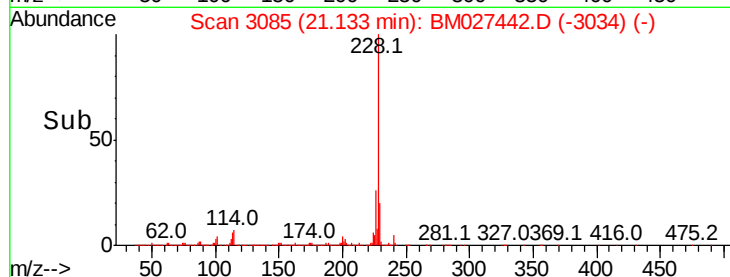
Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.1	31.7
229	19.6	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.409 ng

RT: 21.06 min Scan# 3072

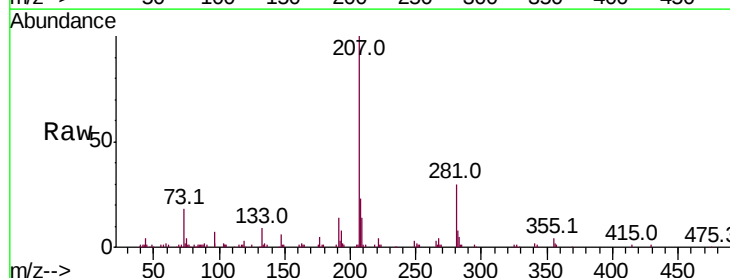
Delta R.T. -0.01 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Tgt Ion:252 Resp: 427

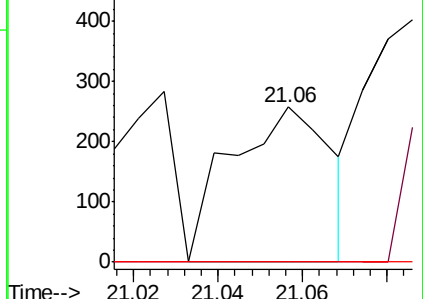
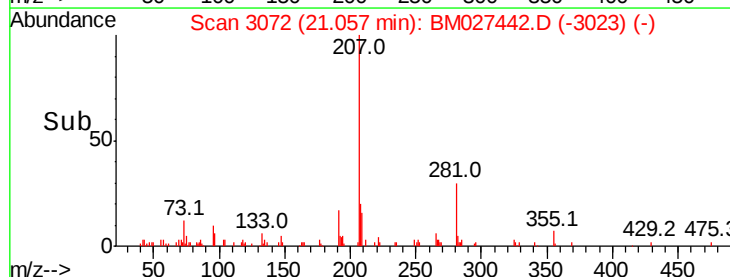
Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.0#
126	0.0	6.8	10.2#

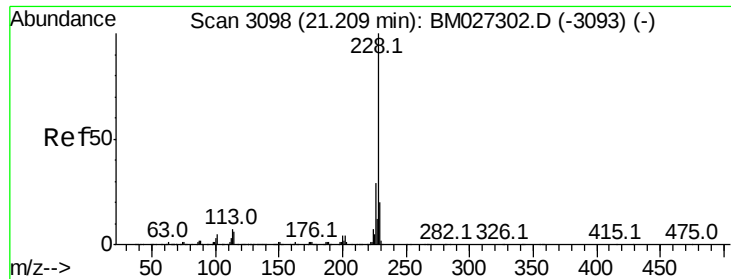


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 65.813 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.05 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

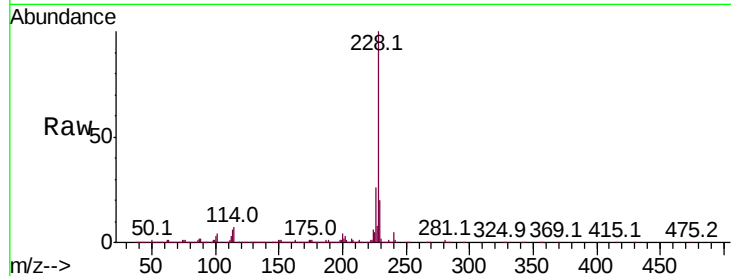
BNA_M

ClientSampled :

PT-BN-WP

Tot Ion:228 Resp: 2451688

Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.4	35.0
229	19.6	15.7	23.5

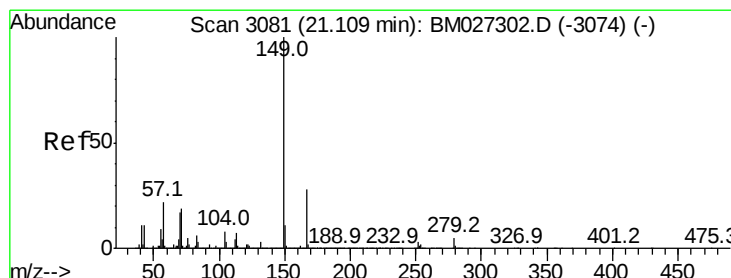
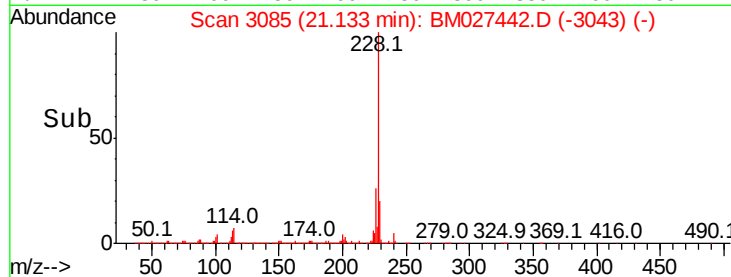
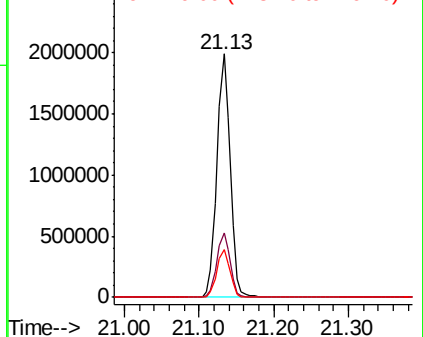


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.547 ng

RT: 21.09 min Scan# 3078

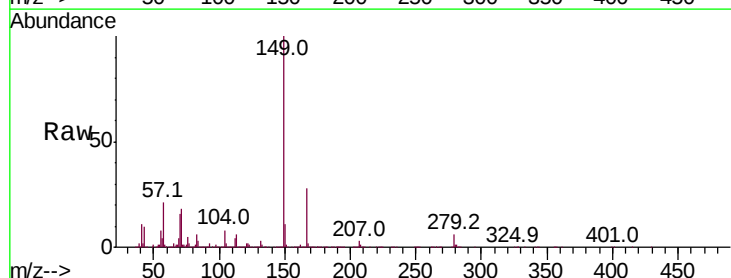
Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Tgt Ion:149 Resp: 1606782

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.7	34.1
279	5.6	4.0	6.0

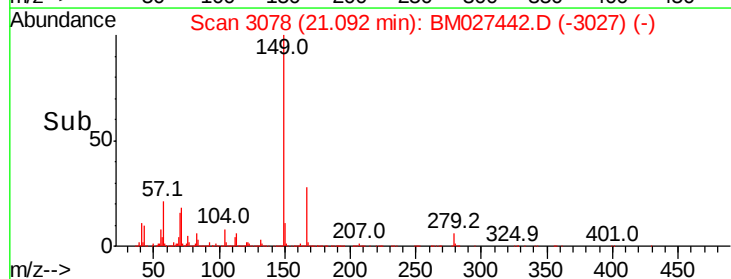
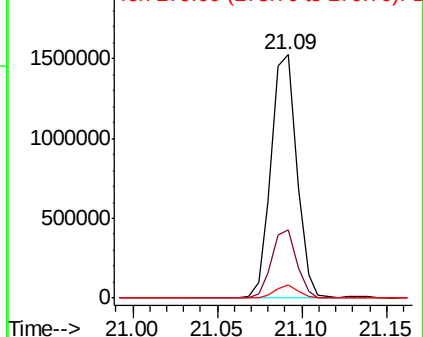


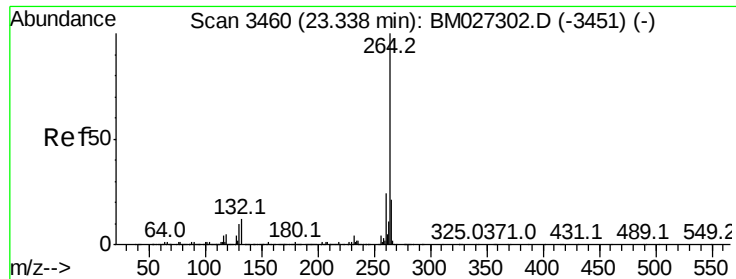
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

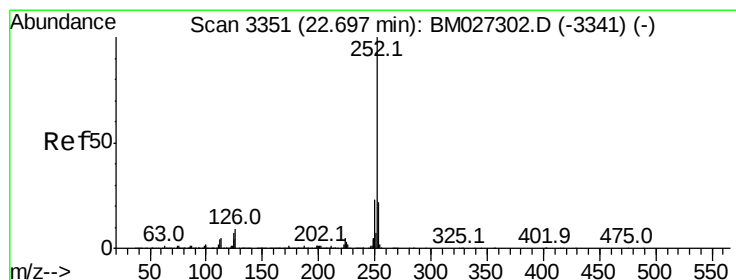
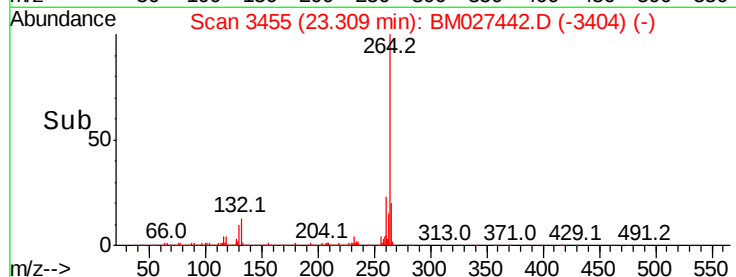
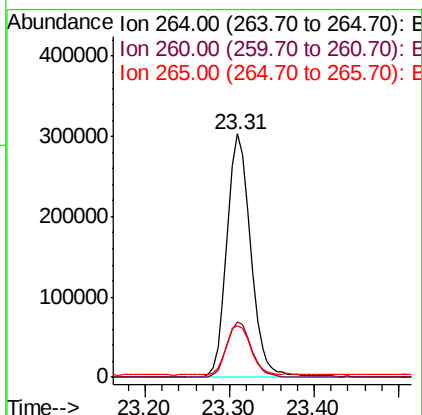
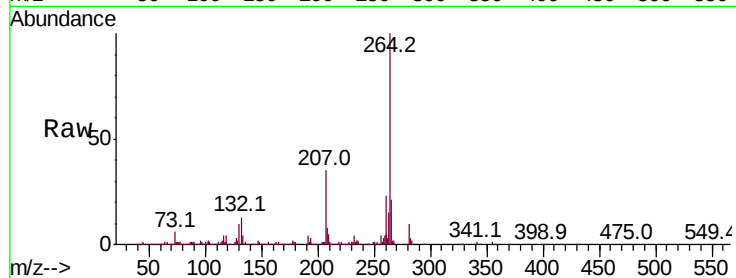




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

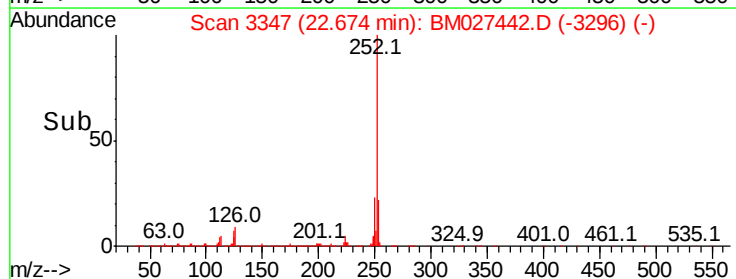
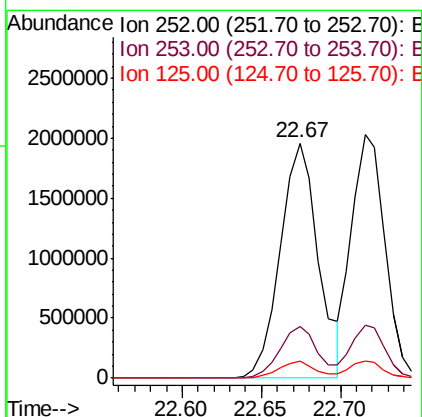
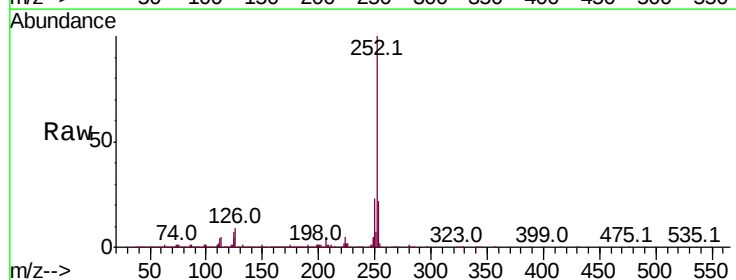
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

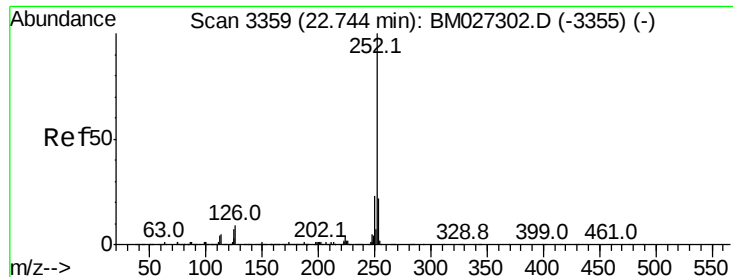
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.3	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 79.217 ng
RT: 22.67 min Scan# 3347
Delta R.T. 0.00 min
Lab File: BM027442.D
Acq: 16 Sep 2020 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	7.0	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 75.078 ng

RT: 22.72 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

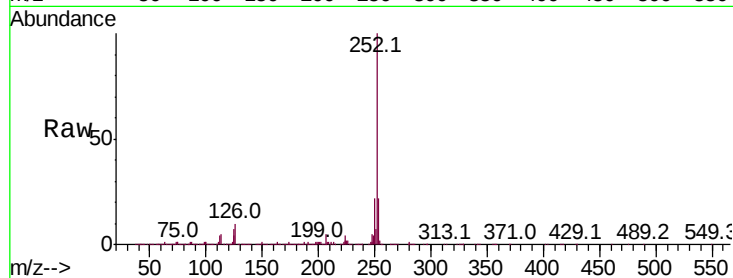
Tot Ion:252 Resp: 2993177

Ion Ratio Lower Upper

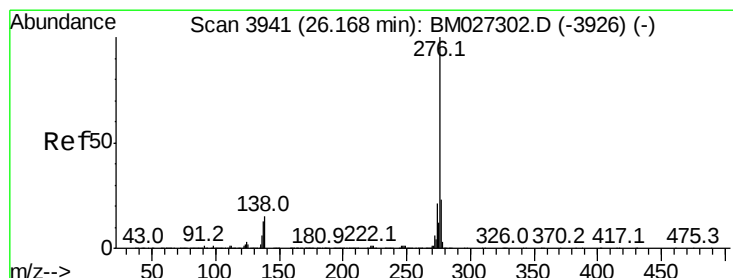
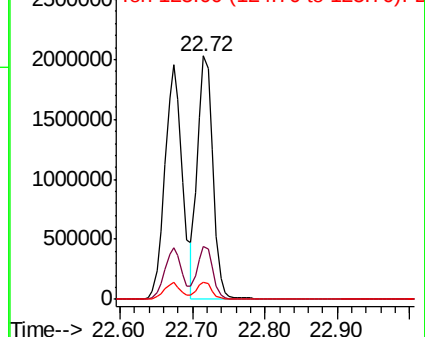
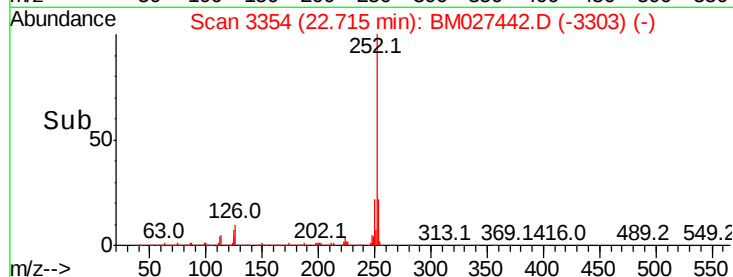
252 100

253 21.7 17.4 26.0

125 6.8 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 100.941 ng

RT: 26.13 min Scan# 3934

Delta R.T. 0.01 min

Lab File: BM027442.D

Acq: 16 Sep 2020 14:46

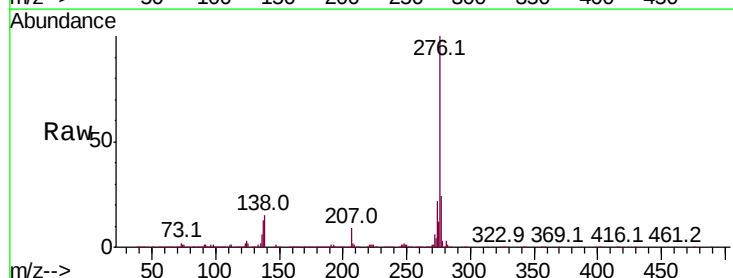
Tgt Ion:276 Resp: 3303279

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 14.9 12.2 18.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

