

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
 Data File : BN011662.D
 Acq On : 27 Aug 2020 13:54
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082720

Quant Time: Aug 27 14:38:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 14:34:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1973	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7486	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4453	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9592	0.40	ng	0.00
29) Chrysene-d12	21.32	240	10083	0.40	ng	0.00
36) Perylene-d12	23.59	264	10869	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2125	0.38	ng	0.00
5) Phenol-d6	6.91	99	2834	0.37	ng	0.00
8) Nitrobenzene-d5	8.89	82	2654	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.13	152	4881	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	714	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	6799	0.36	ng	0.01
27) Fluoranthene-d10	19.17	212	11028	0.36	ng	0.00
31) Terphenyl-d14	19.77	244	9471	0.38	ng	0.00

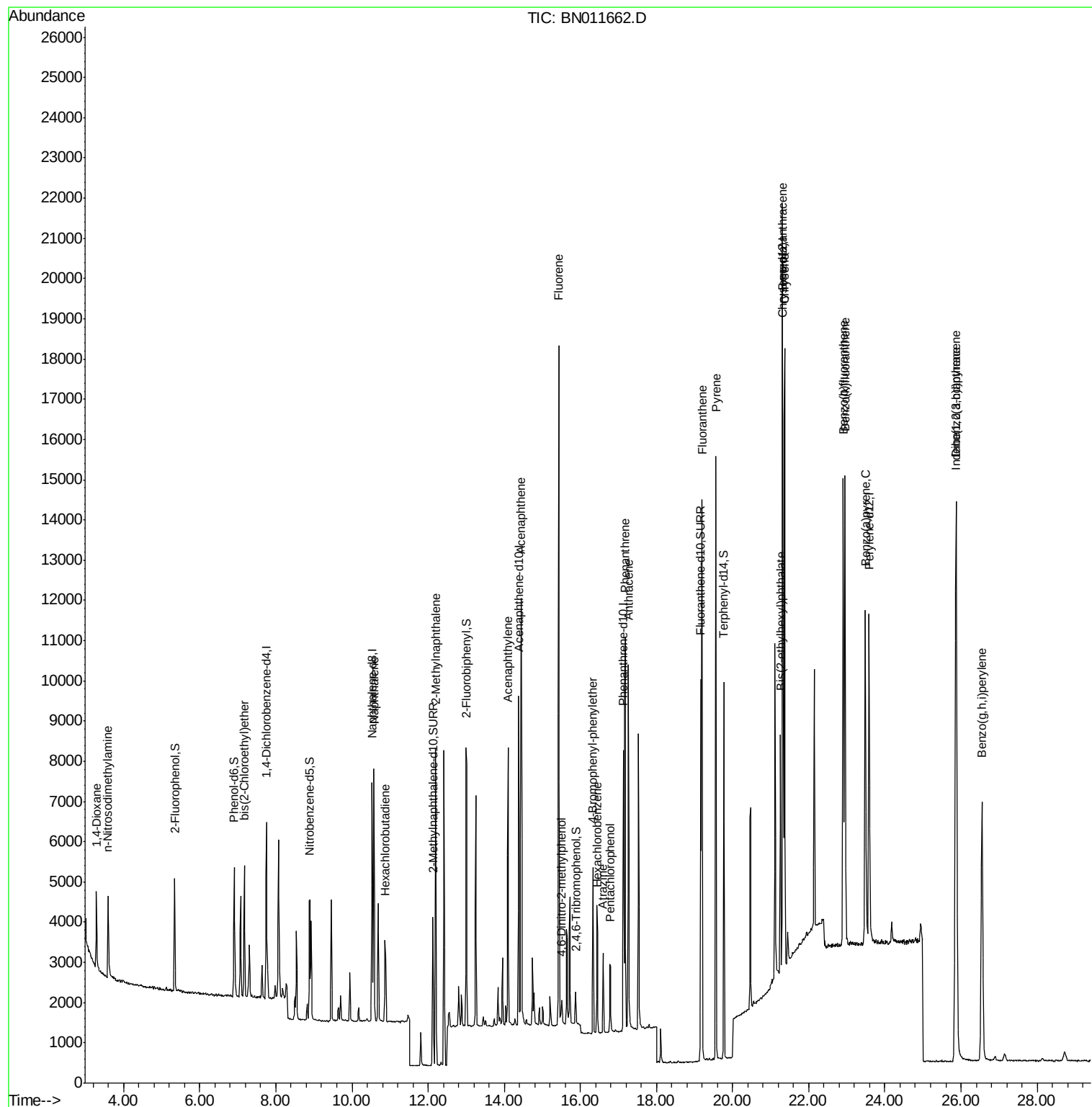
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1238	0.390	ng	96
3) n-Nitrosodimethylamine	3.59	42	1397	0.381	ng	# 92
6) bis(2-Chloroethyl)ether	7.18	93	2416	0.392	ng	97
9) Naphthalene	10.58	128	7863	0.367	ng	98
10) Hexachlorobutadiene	10.87	225	1725	0.367	ng	# 99
12) 2-Methylnaphthalene	12.20	142	5481	0.360	ng	99
16) Acenaphthylene	14.10	152	7478	0.345	ng	100
17) Acenaphthene	14.45	154	5343	0.357	ng	98
18) Fluorene	15.44	166	6686	0.348	ng	98
20) 4,6-Dinitro-2-methylphenol	15.51	198	483	0.326	ng	91
21) 4-Bromophenyl-phenylether	16.32	248	2005	0.357	ng	95
22) Hexachlorobenzene	16.44	284	2535	0.366	ng	99
23) Atrazine	16.59	200	1711	0.347	ng	96
24) Pentachlorophenol	16.79	266	968	0.351	ng	98
25) Phenanthrene	17.18	178	11189	0.361	ng	100
26) Anthracene	17.26	178	9649	0.350	ng	100
28) Fluoranthene	19.20	202	13074	0.356	ng	99
30) Pyrene	19.56	202	13243	0.378	ng	100
32) Benzo(a)anthracene	21.31	228	13254	0.368	ng	99
33) Chrysene	21.36	228	13916	0.375	ng	99
34) Bis(2-ethylhexyl)phthalate	21.26	149	5064	0.346	ng	100
35) Indeno(1,2,3-cd)pyrene	25.86	276	17635	0.364	ng	100
37) Benzo(b)fluoranthene	22.91	252	14718	0.353	ng	97
38) Benzo(k)fluoranthene	22.95	252	15113	0.355	ng	97
39) Benzo(a)pyrene	23.49	252	12660	0.340	ng	96
40) Dibenzo(a,h)anthracene	25.88	278	14616	0.348	ng	97
41) Benzo(g,h,i)perylene	26.55	276	14217	0.345	ng	98

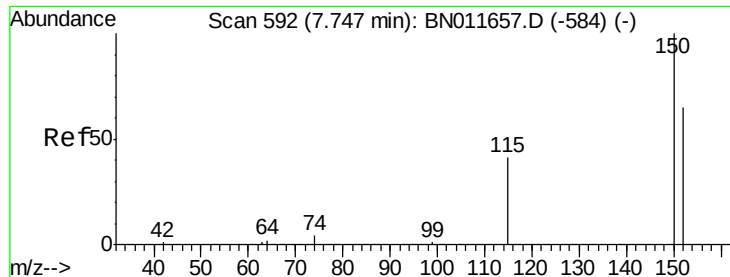
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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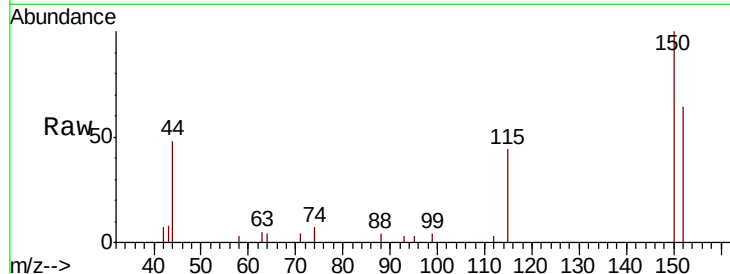


#1

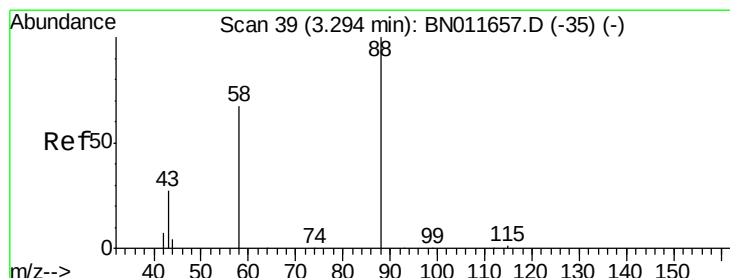
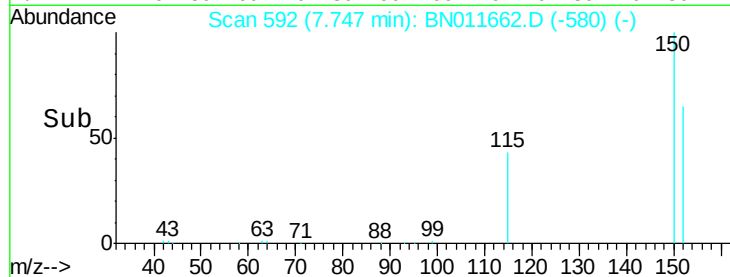
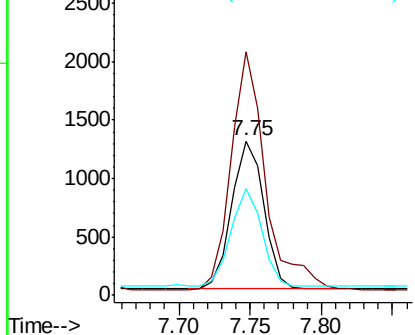
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011662.D
Acq: 27 Aug 2020 13:54

Instrument :
BNA_N
ClientSampleId :
ICVBN082720

Tot Ion:152 Resp: 1973
Ion Ratio Lower Upper
152 100
150 157.5 121.0 181.6
115 69.1 52.6 78.8



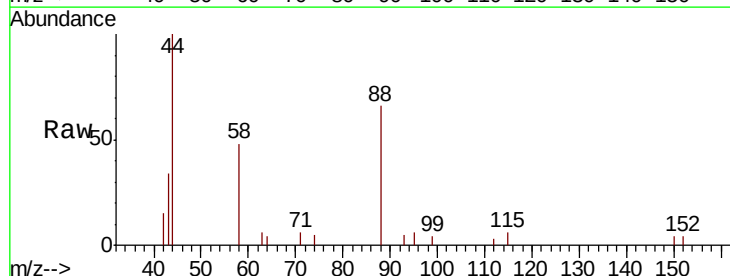
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



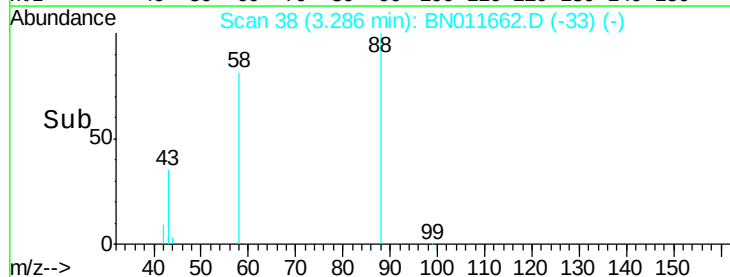
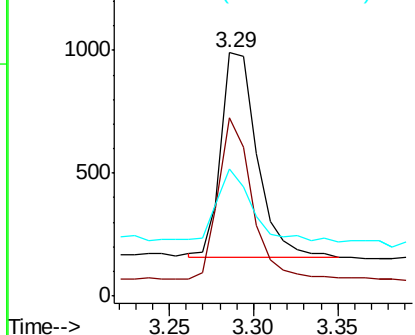
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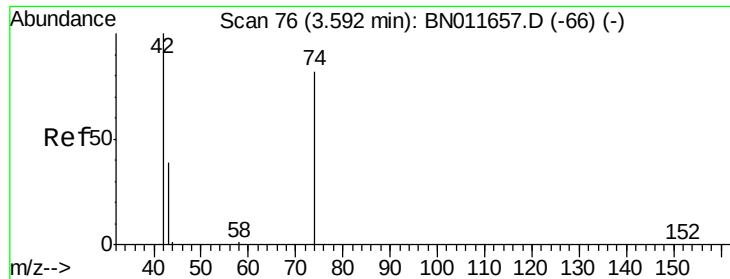
1,4-Dioxane
Concen: 0.390 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.01 min
Lab File: BN011662.D
Acq: 27 Aug 2020 13:54

Tgt Ion: 88 Resp: 1238
Ion Ratio Lower Upper
88 100
58 73.1 61.4 92.0
43 35.4 29.8 44.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0



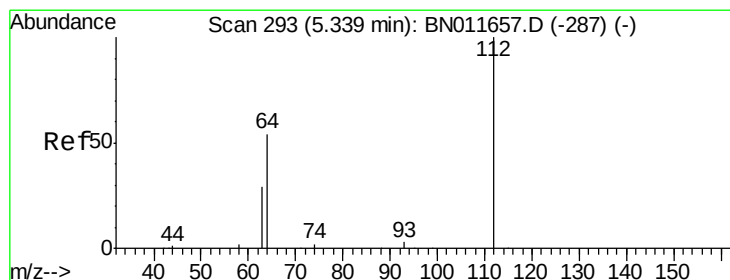
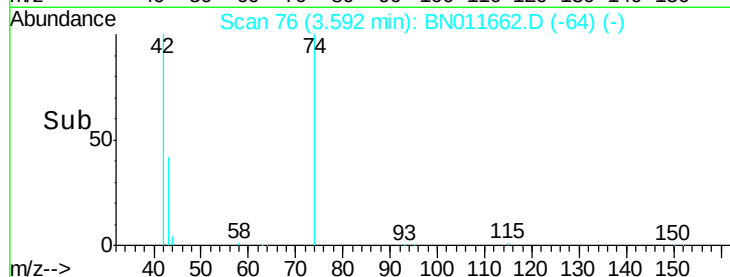
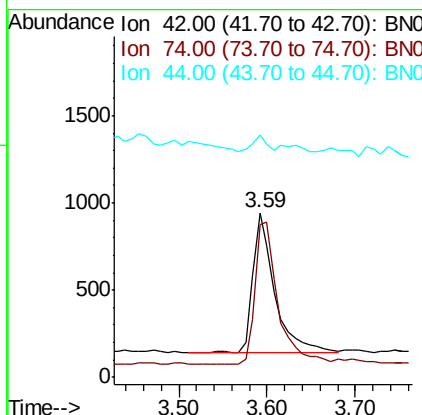
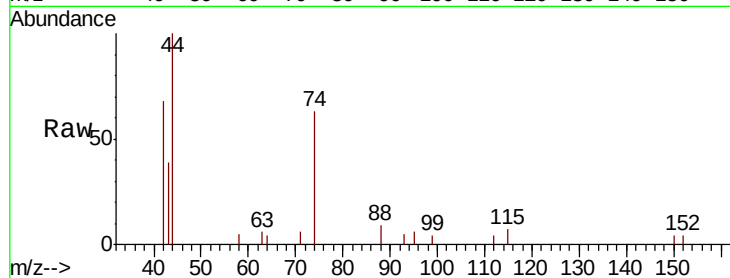


#3

n-Nitrosodimethylamine
 Concen: 0.381 ng
 RT: 3.59 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BN011662.D
 Acq: 27 Aug 2020 13:54

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082720

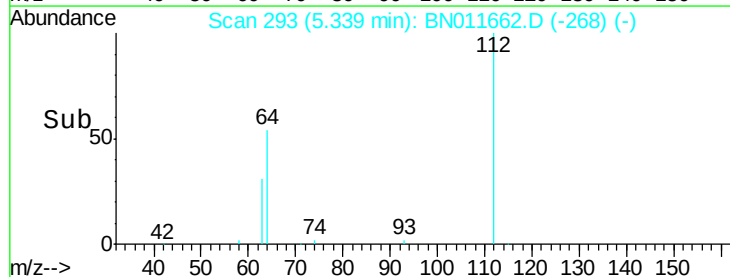
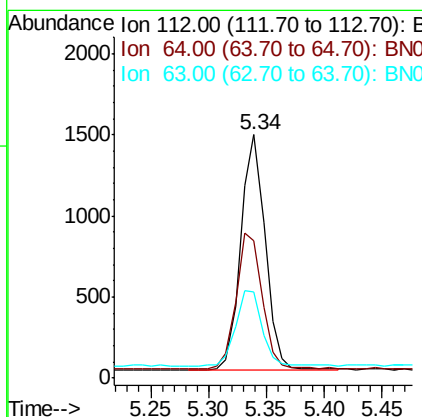
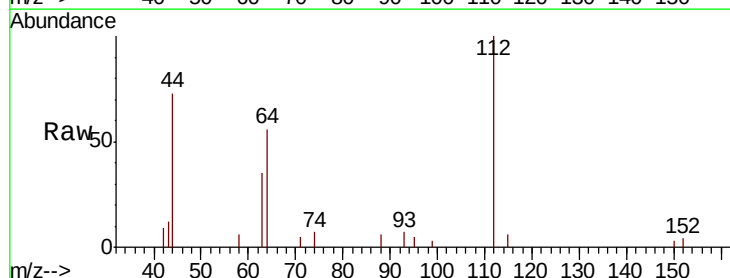
Tot Ion	Ratio	Lower	Upper
42	100		
74	106.5	79.0	118.6
44	7.6	8.1	12.1#

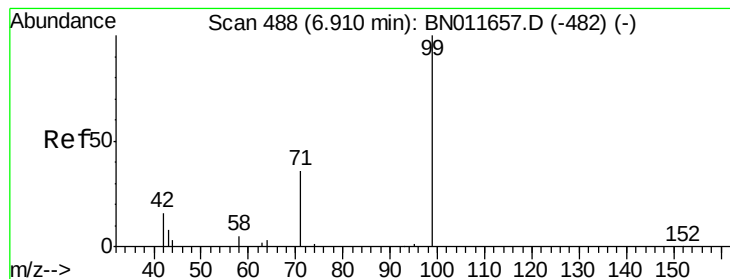


#4

2-Fluorophenol
 Concen: 0.381 ng
 RT: 5.34 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BN011662.D
 Acq: 27 Aug 2020 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.7	74.5
63	34.6	29.4	44.0





#5

Phenol-d6

Concen: 0.374 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720

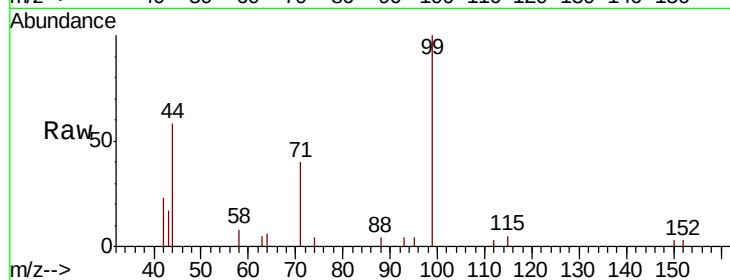
Tot Ion: 99 Resp: 2834

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

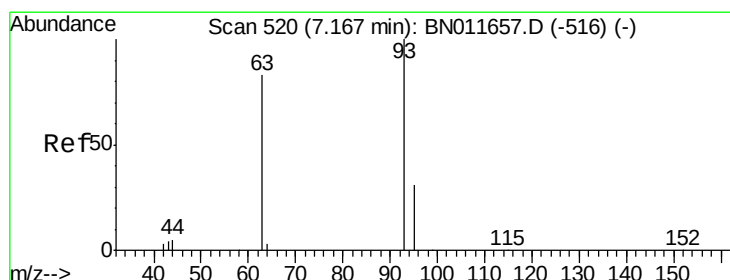
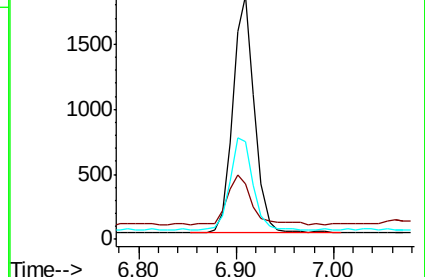
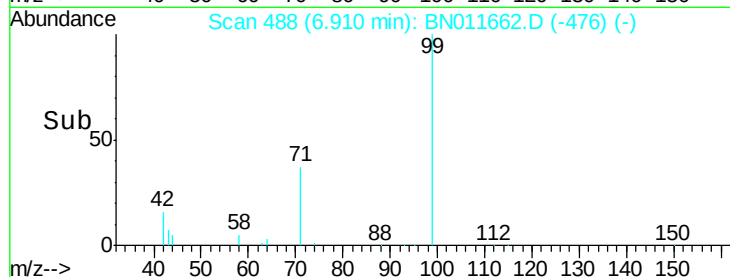
71 40.8 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011662.D (-476) (-)

Ion 42.00 (41.70 to 42.70): BN011662.D (-476) (-)

Ion 71.00 (70.70 to 71.70): BN011662.D (-476) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

RT: 7.18 min Scan# 521

Delta R.T. 0.01 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

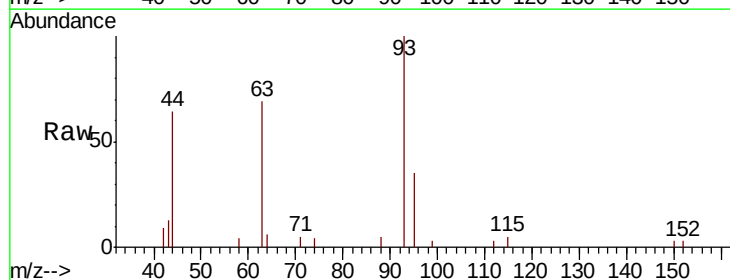
Tgt Ion: 93 Resp: 2416

Ion Ratio Lower Upper

93 100

63 74.7 62.2 93.4

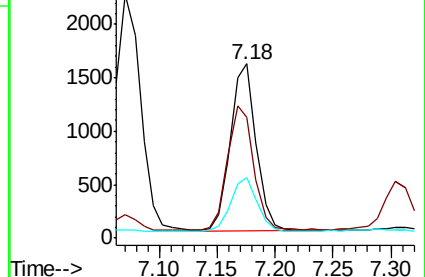
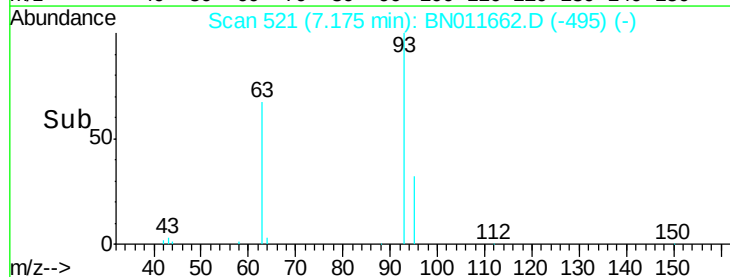
95 32.4 26.6 39.8

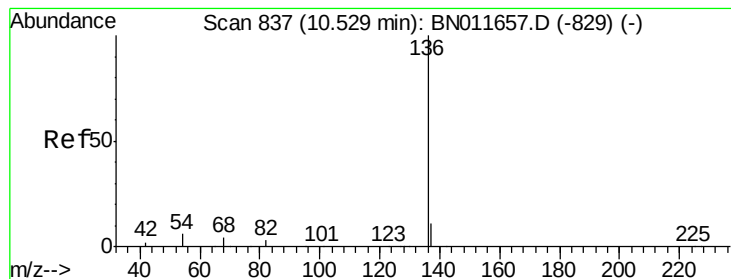


Abundance Ion 93.00 (92.70 to 93.70): BN011662.D (-495) (-)

Ion 63.00 (62.70 to 63.70): BN011662.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BN011662.D (-495) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720

Tot Ion:136 Resp: 7486

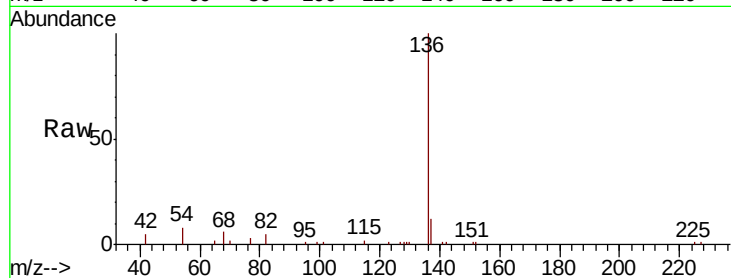
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 8.2 5.8 8.8

68 5.8 4.1 6.1

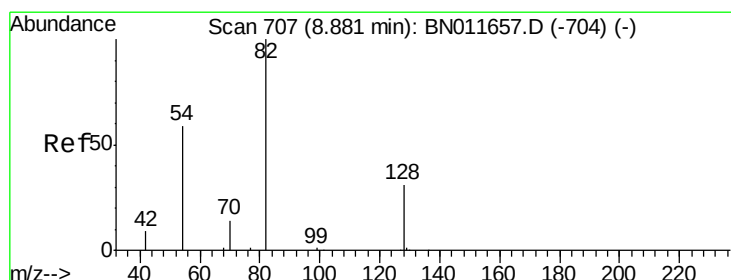
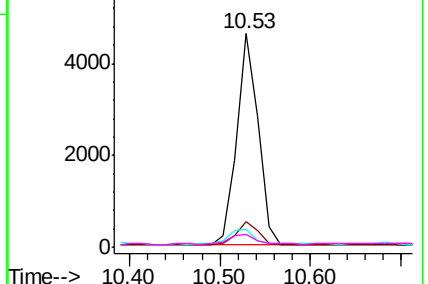
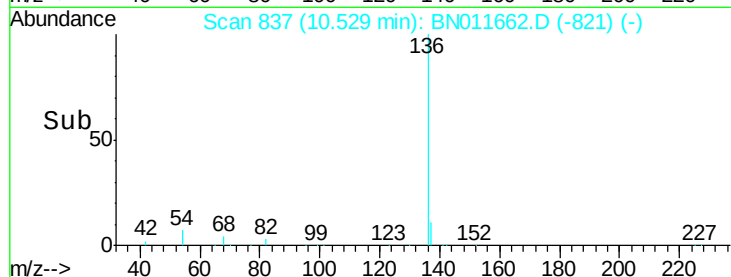


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.366 ng

RT: 8.89 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

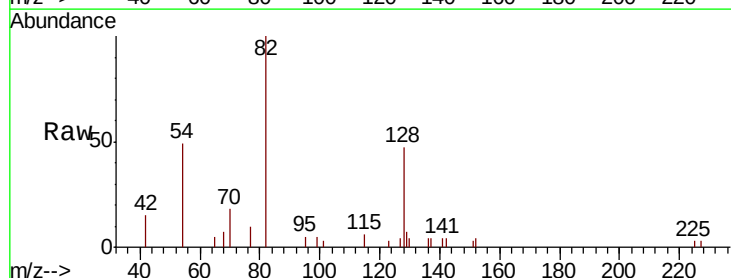
Tgt Ion: 82 Resp: 2654

Ion Ratio Lower Upper

82 100

128 47.2 26.2 39.2#

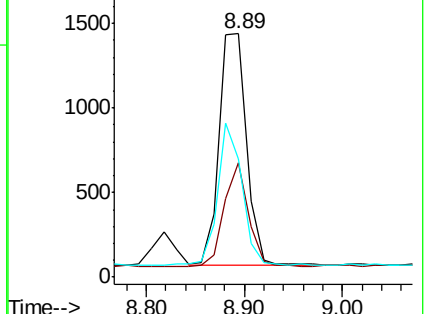
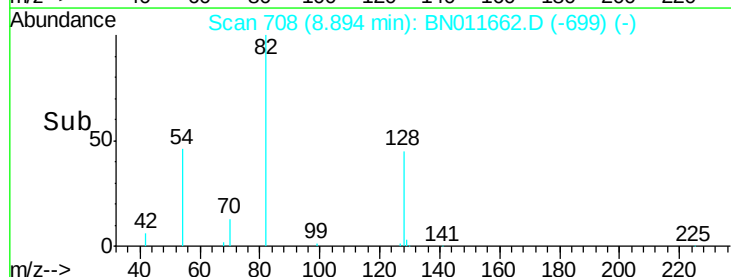
54 48.5 48.2 72.4

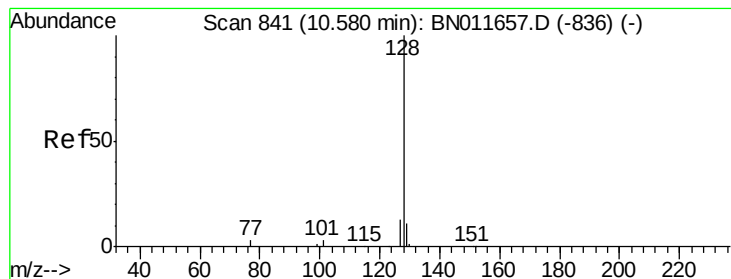


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.367 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720

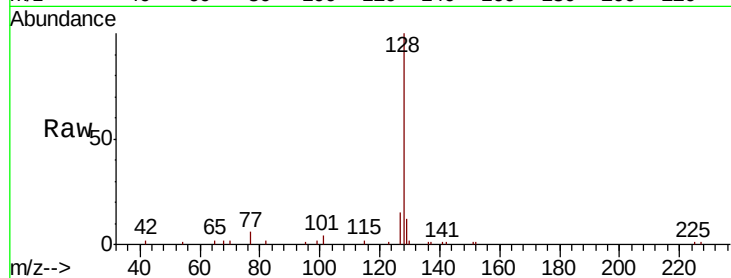
Tot Ion:128 Resp: 7863

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

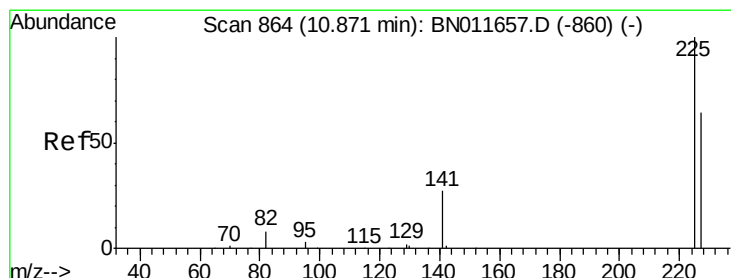
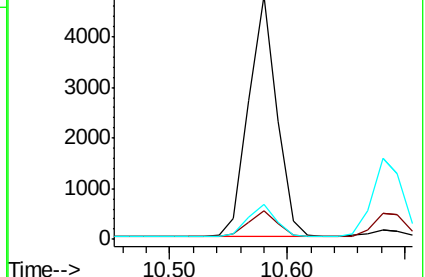
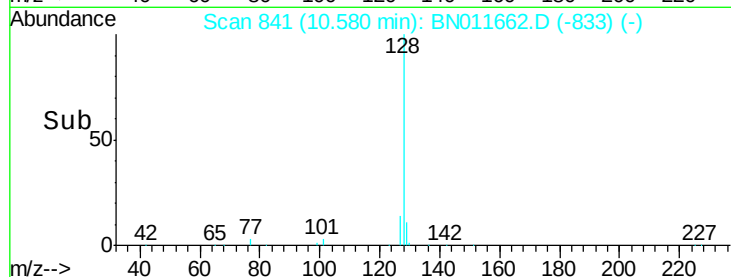
127 14.6 10.8 16.2



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



#10

Hexachlorobutadiene

Concen: 0.367 ng

RT: 10.87 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

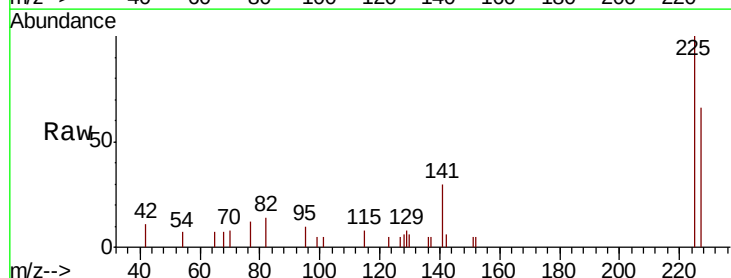
Tgt Ion:225 Resp: 1725

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

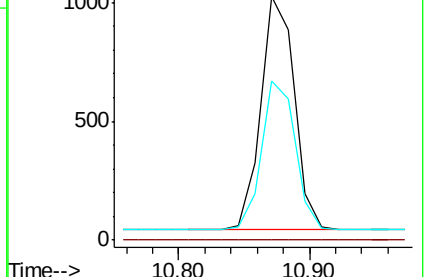
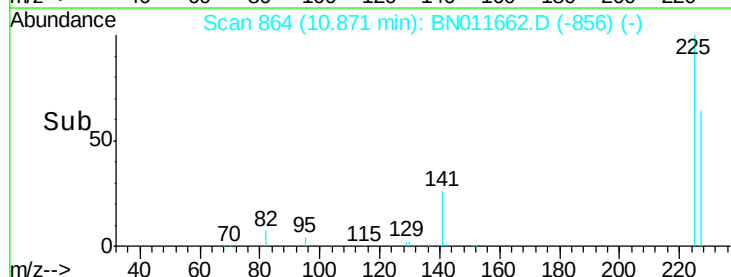
227 64.3 52.3 78.5

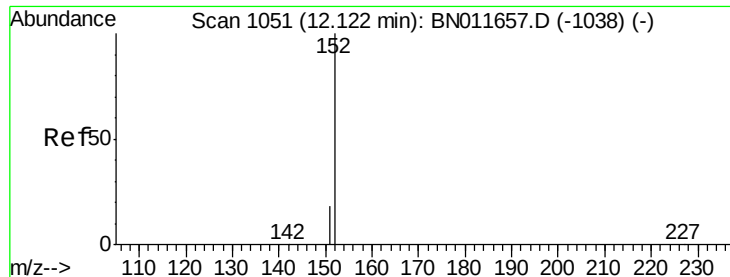


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

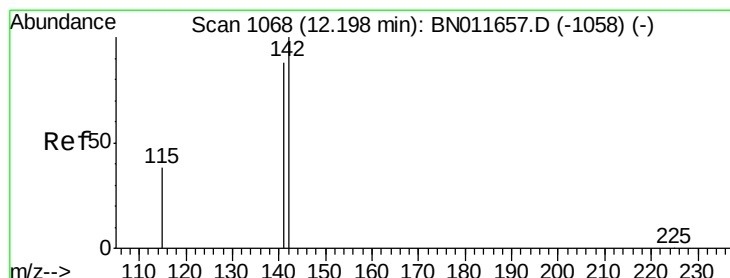
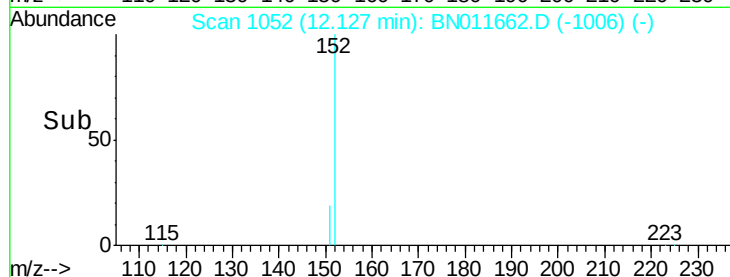
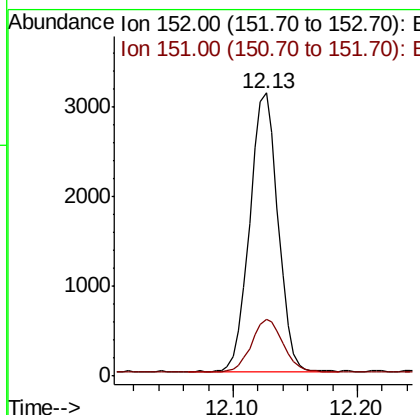
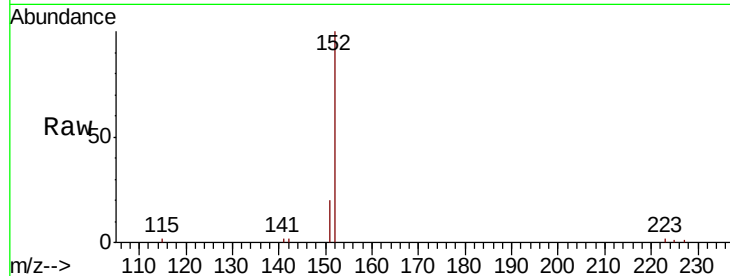




#11
 2-Methylnaphthalene-d10
 Concen: 0.362 ng
 RT: 12.13 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BN011662.D
 Acq: 27 Aug 2020 13:54

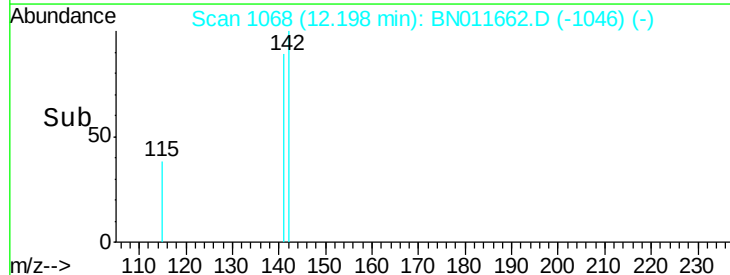
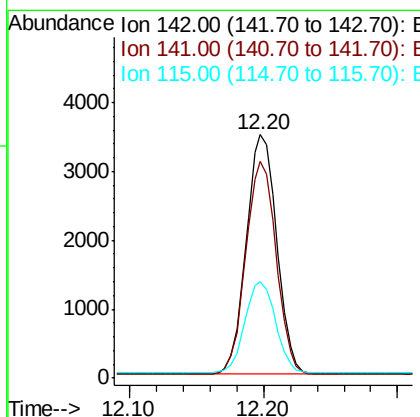
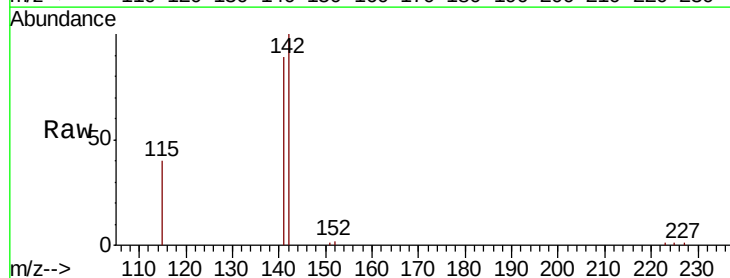
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082720

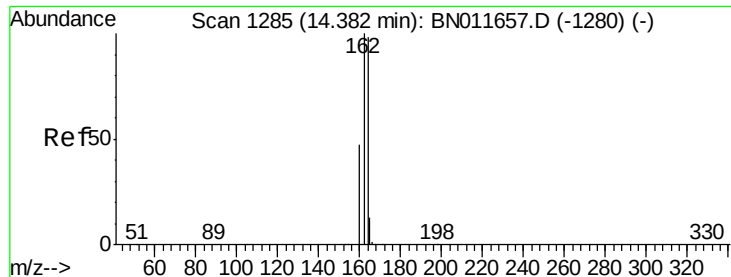
Tot Ion:152 Resp: 4881
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.7 25.1



#12
 2-Methylnaphthalene
 Concen: 0.360 ng
 RT: 12.20 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BN011662.D
 Acq: 27 Aug 2020 13:54

Tgt Ion:142 Resp: 5481
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.6 106.0
 115 39.5 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720

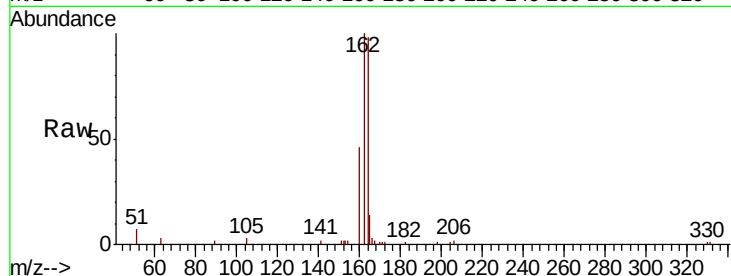
Tot Ion:164 Resp: 4453

Ion Ratio Lower Upper

164 100

162 101.8 81.4 122.0

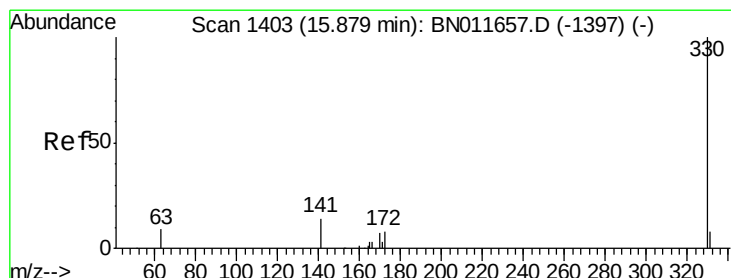
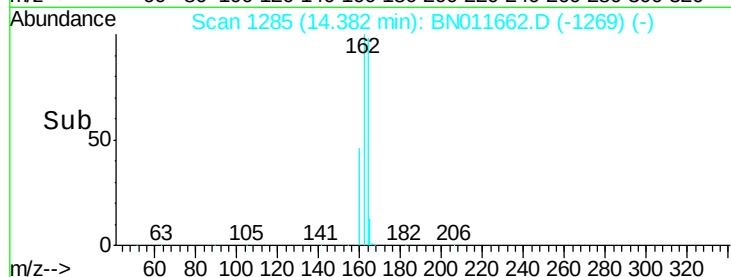
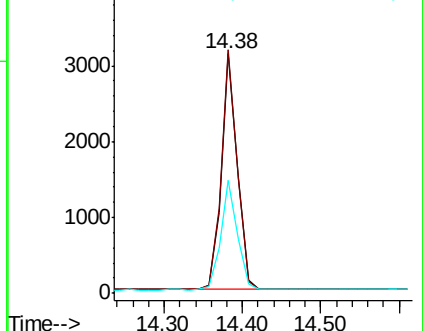
160 47.3 38.5 57.7



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



#14

2,4,6-Tribromophenol

Concen: 0.330 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

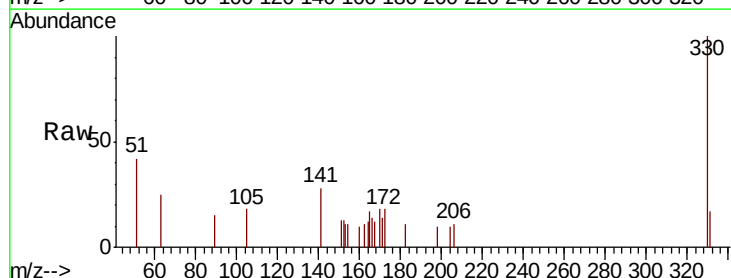
Tgt Ion:330 Resp: 714

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

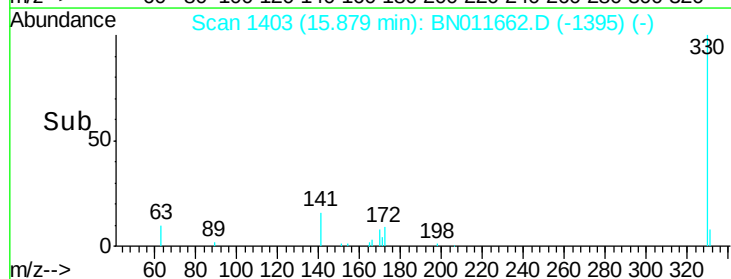
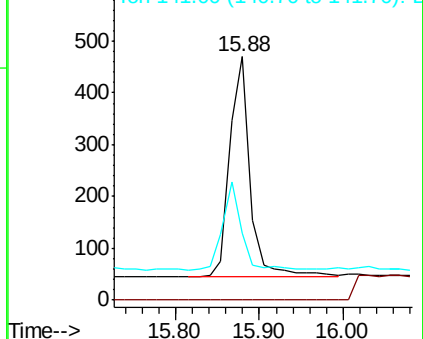
141 37.1 30.0 45.0

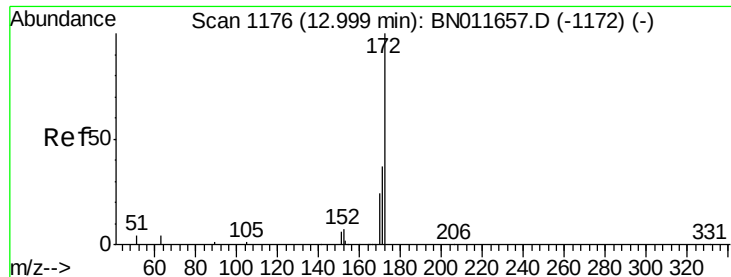


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

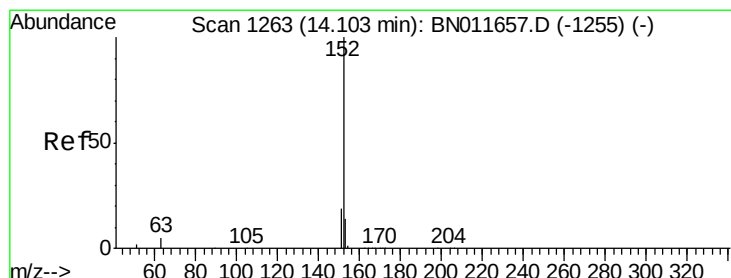
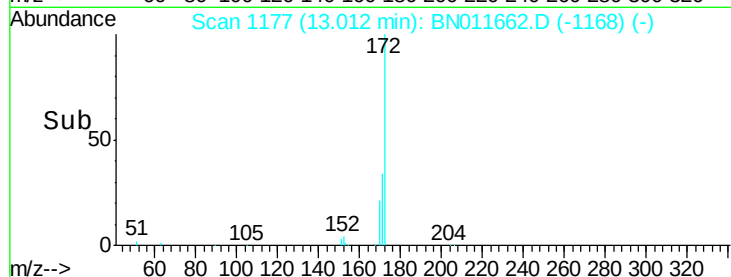
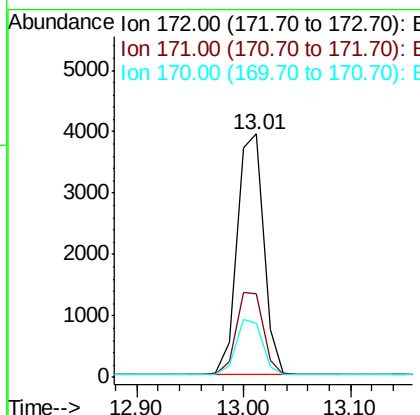
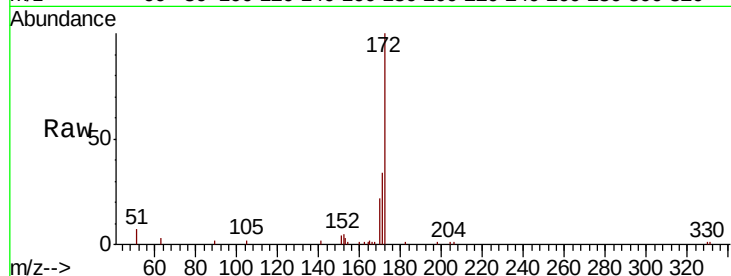




#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BN011662.D
Acq: 27 Aug 2020 13:54

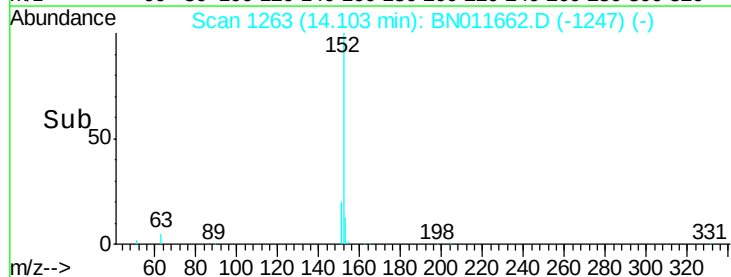
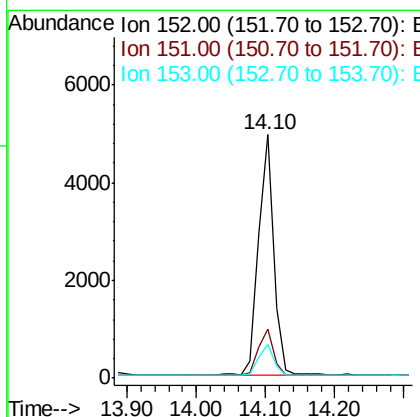
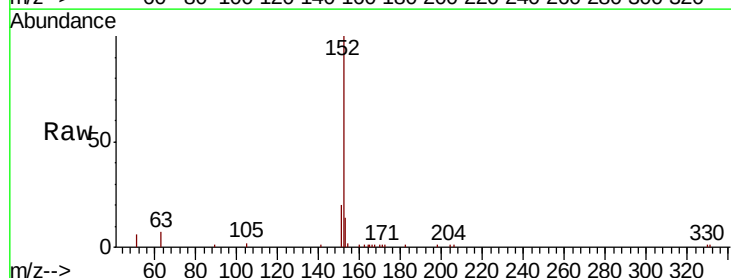
Instrument :
BNA_N
ClientSampleId :
ICVBN082720

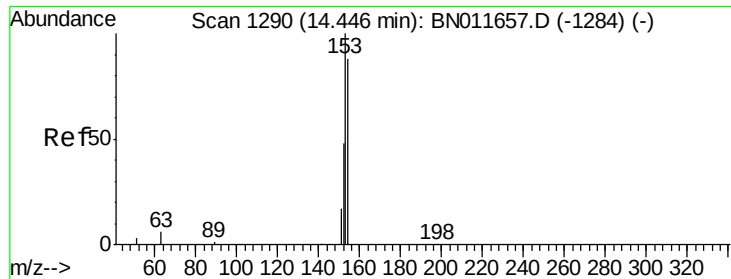
Tot Ion:172 Resp: 6799
Ion Ratio Lower Upper
172 100
171 34.4 30.0 45.0
170 22.3 20.1 30.1



#16
Acenaphthylene
Concen: 0.345 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011662.D
Acq: 27 Aug 2020 13:54

Tgt Ion:152 Resp: 7478
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.357 ng

RT: 14.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720

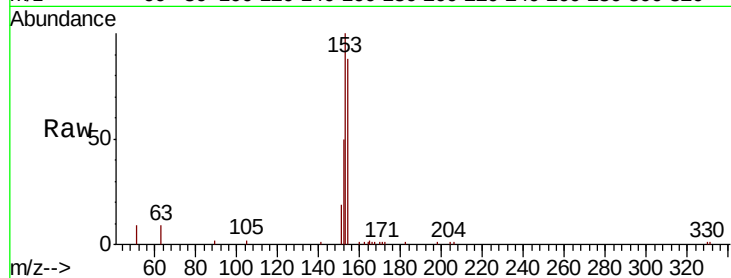
Tot Ion:154 Resp: 5343

Ion Ratio Lower Upper

154 100

153 109.2 89.2 133.8

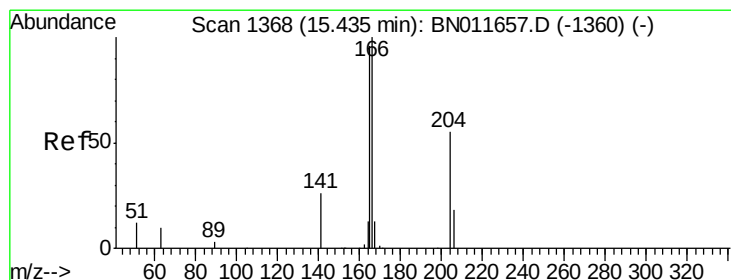
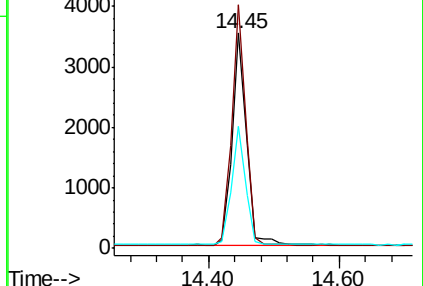
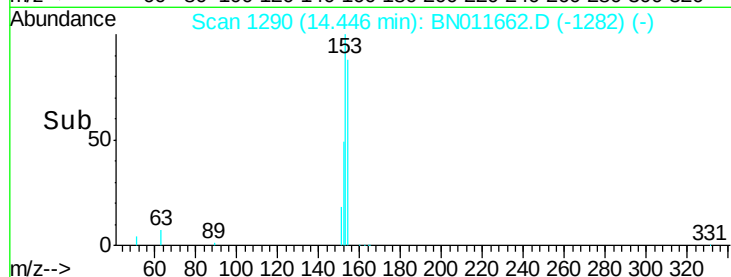
152 54.3 44.1 66.1



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



#18

Fluorene

Concen: 0.348 ng

RT: 15.44 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

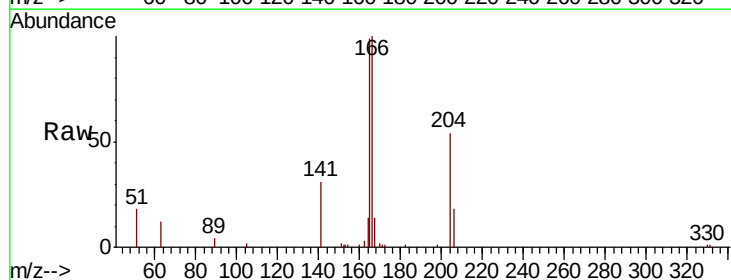
Tgt Ion:166 Resp: 6686

Ion Ratio Lower Upper

166 100

165 99.0 77.7 116.5

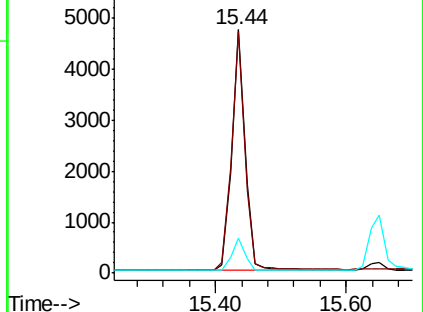
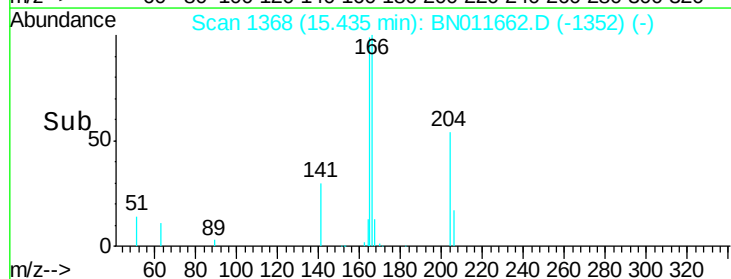
167 13.7 11.0 16.4

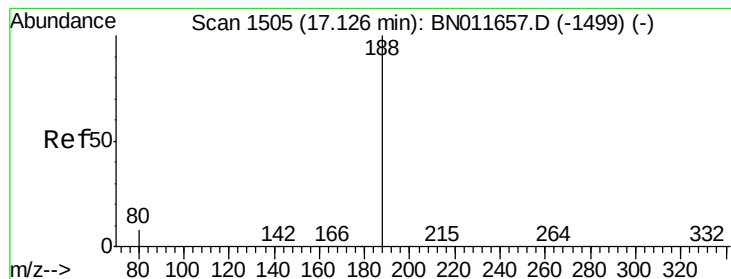


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720

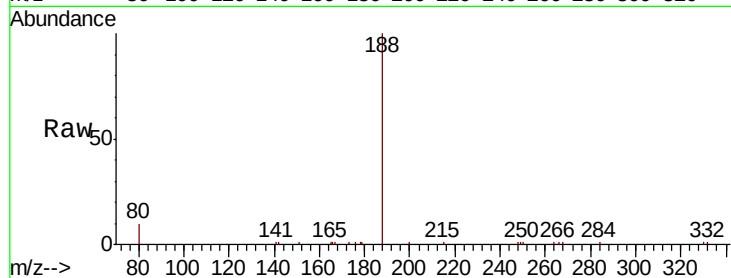
Tot Ion:188 Resp: 9592

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 6.6 9.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO

17.13

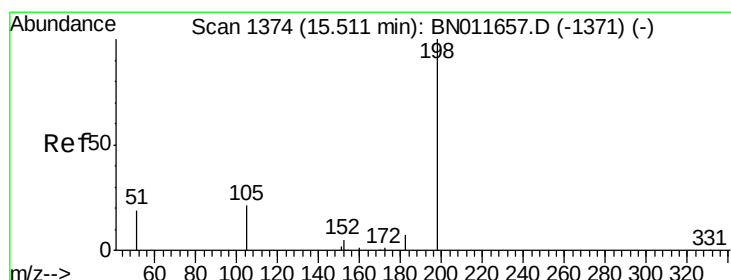
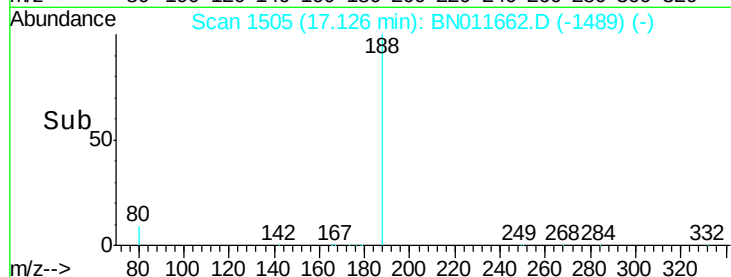
6000

4000

2000

0

Time--> 17.00 17.10 17.20



#20

4,6-Dinitro-2-methylphenol

Concen: 0.326 ng

RT: 15.51 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

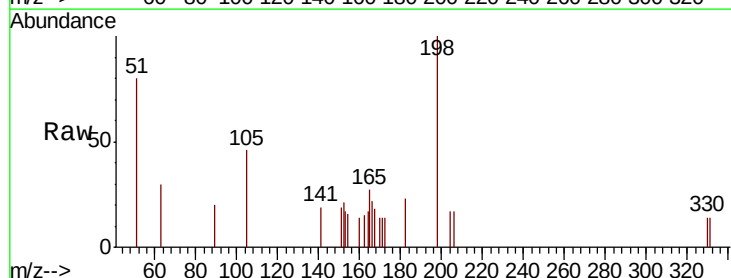
Tgt Ion:198 Resp: 483

Ion Ratio Lower Upper

198 100

51 80.5 58.6 87.8

105 46.2 31.7 47.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

1200

1000

800

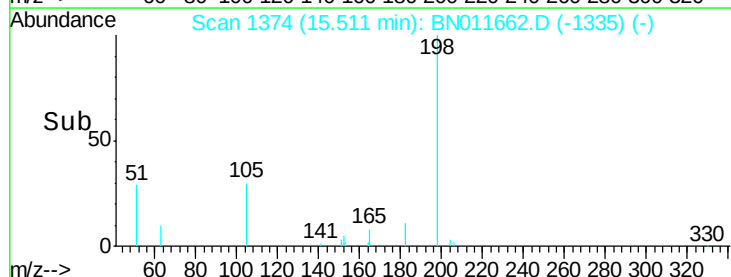
600

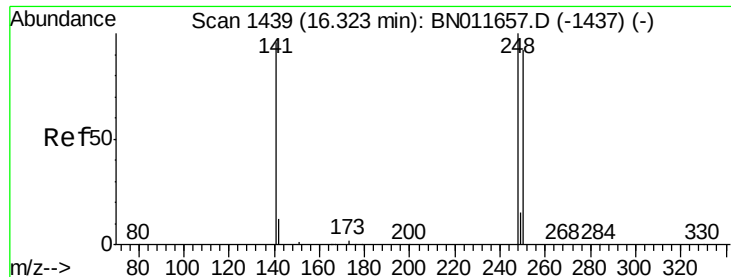
400

200

0

Time--> 15.50 15.51 15.52

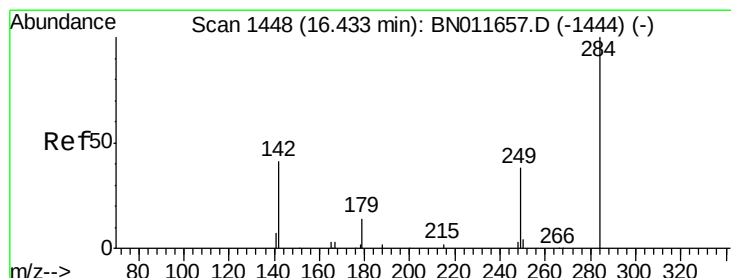
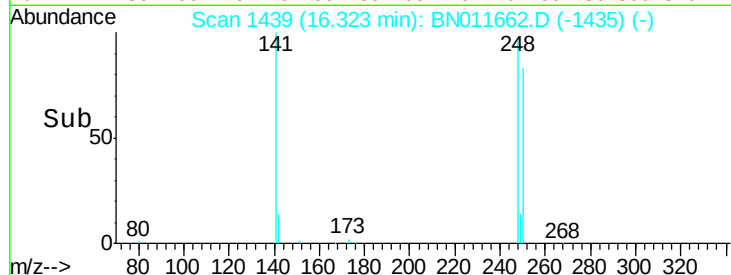
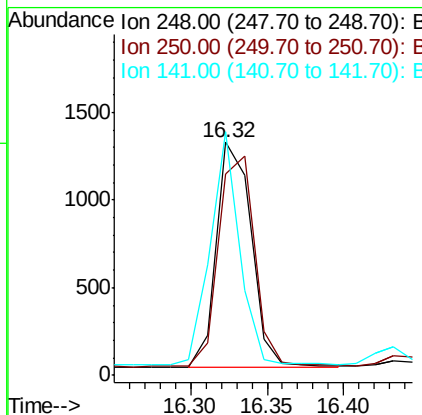
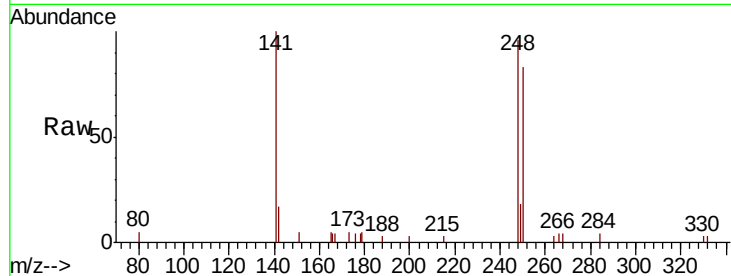




#21
4-Bromophenyl-phenylether
Concen: 0.357 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011662.D
Acq: 27 Aug 2020 13:54

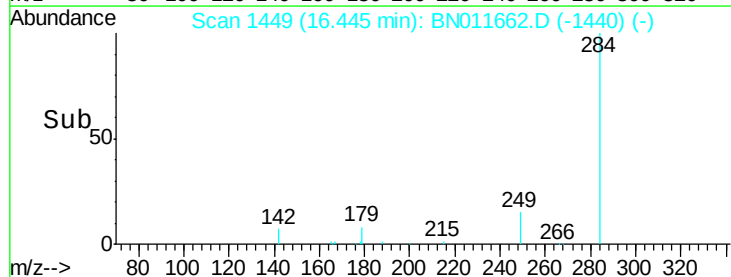
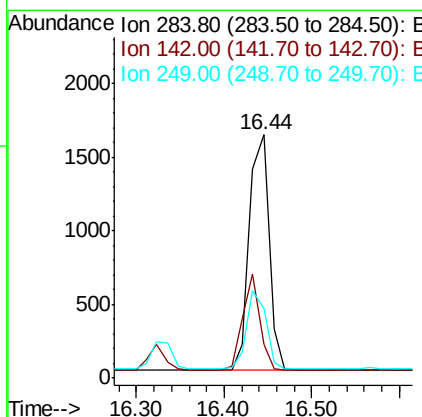
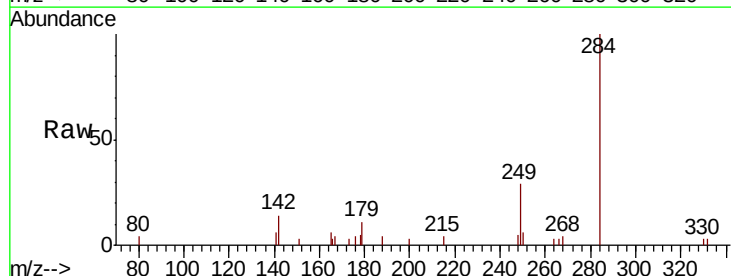
Instrument :
BNA_N
ClientSampleId :
ICVBN082720

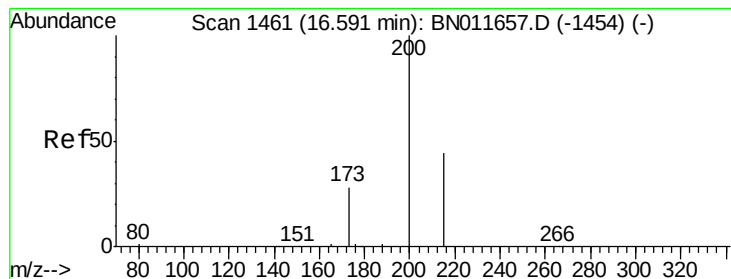
Tot Ion:248 Resp: 2005
Ion Ratio Lower Upper
248 100
250 86.4 73.9 110.9
141 104.4 79.8 119.6



#22
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.44 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BN011662.D
Acq: 27 Aug 2020 13:54

Tgt Ion:284 Resp: 2535
Ion Ratio Lower Upper
284 100
142 35.9 29.0 43.4
249 32.7 25.7 38.5





#23

Atrazine

Concen: 0.347 ng

RT: 16.59 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720

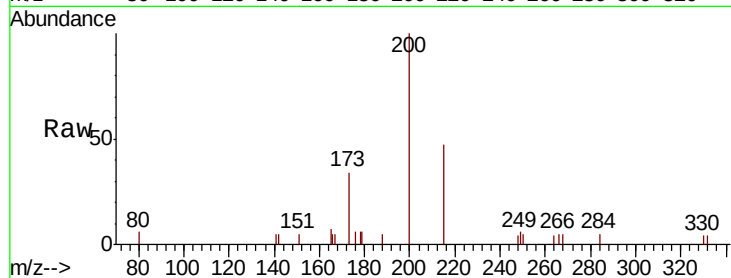
Tot Ion:200 Resp: 1711

Ion Ratio Lower Upper

200 100

173 34.4 24.3 36.5

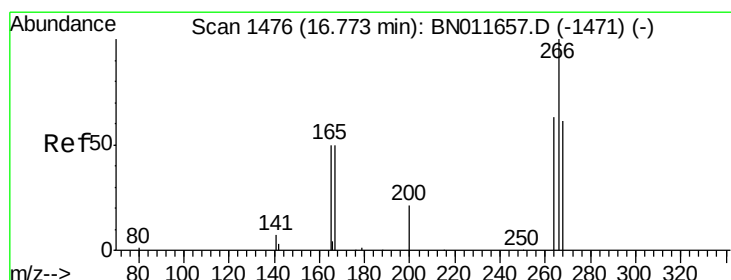
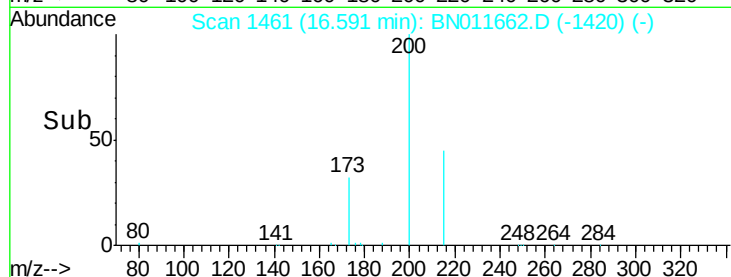
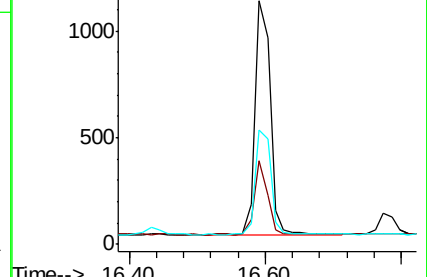
215 47.2 36.4 54.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.351 ng

RT: 16.79 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

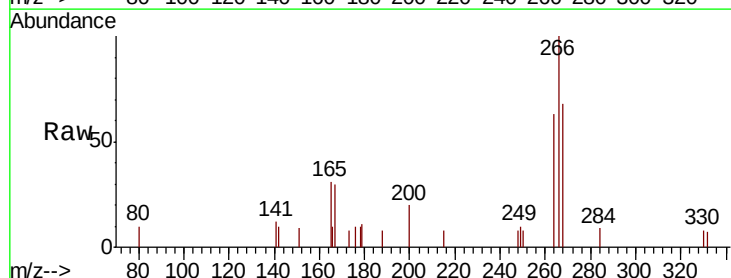
Tgt Ion:266 Resp: 968

Ion Ratio Lower Upper

266 100

264 63.3 49.5 74.3

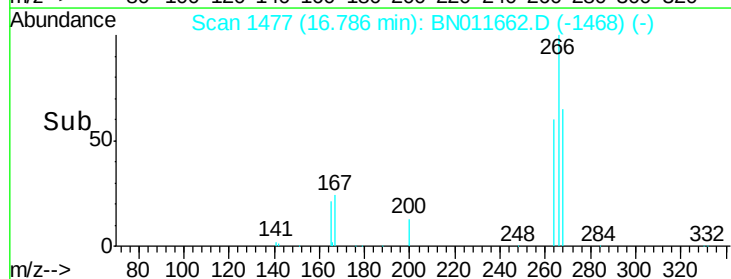
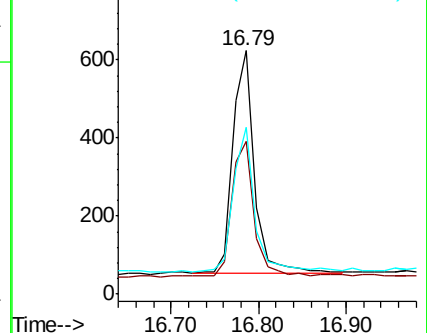
268 67.4 53.0 79.4

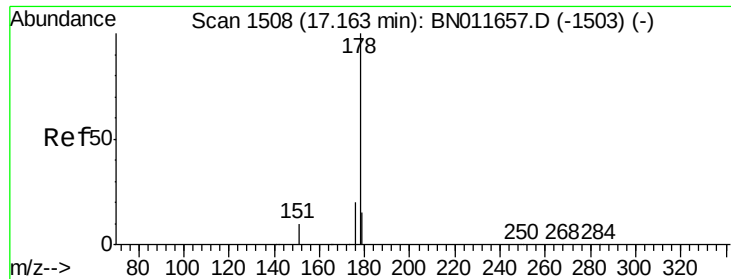


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.361 ng

RT: 17.18 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720

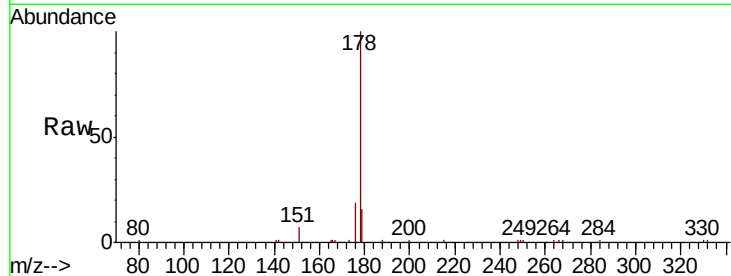
Tot Ion:178 Resp: 11189

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

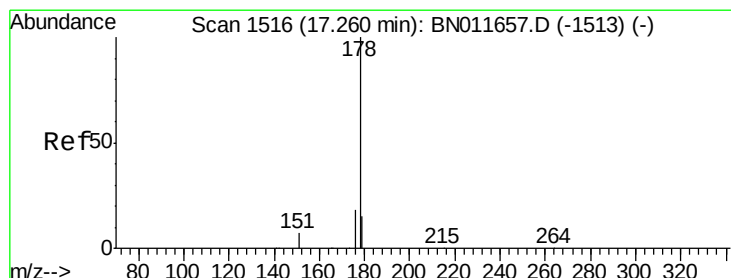
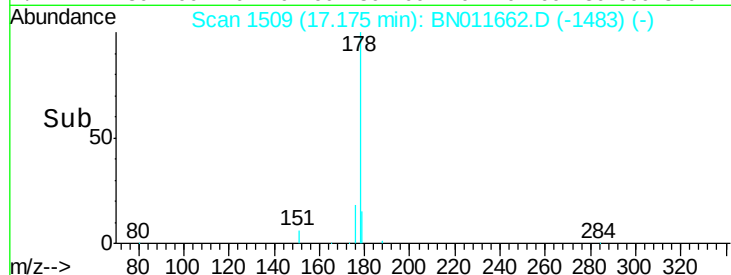
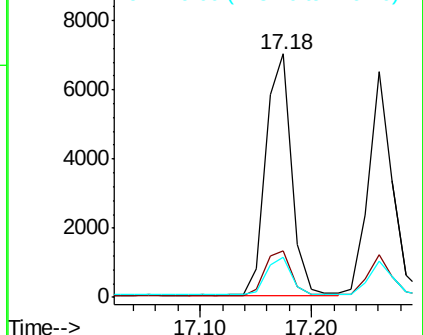
179 15.3 12.4 18.6



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



#26

Anthracene

Concen: 0.350 ng

RT: 17.26 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

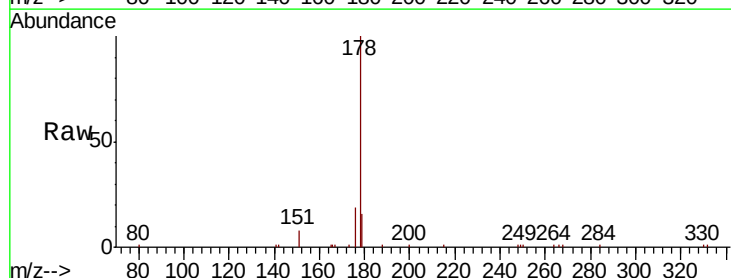
Tgt Ion:178 Resp: 9649

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

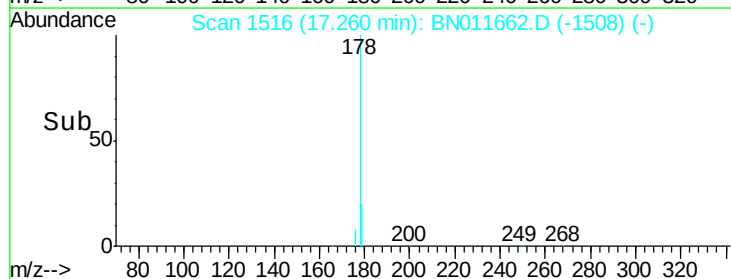
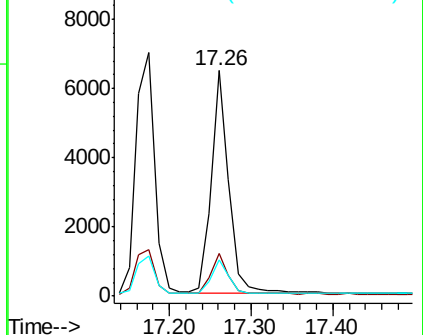
179 15.4 12.2 18.4

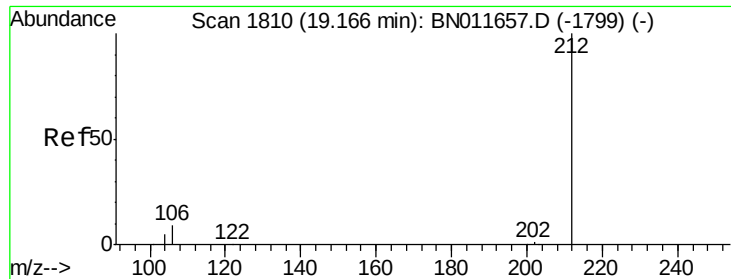


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

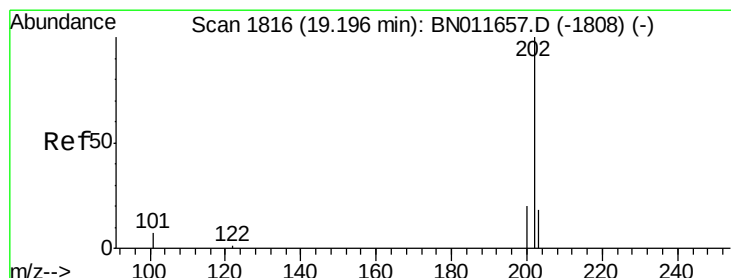
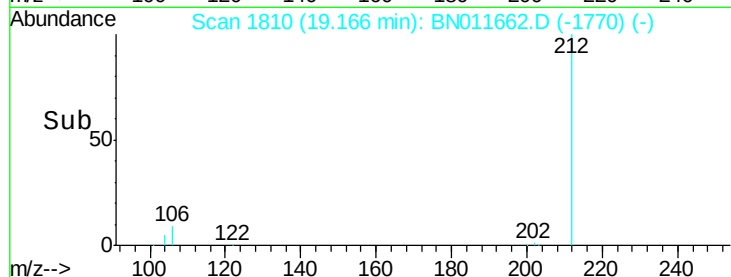
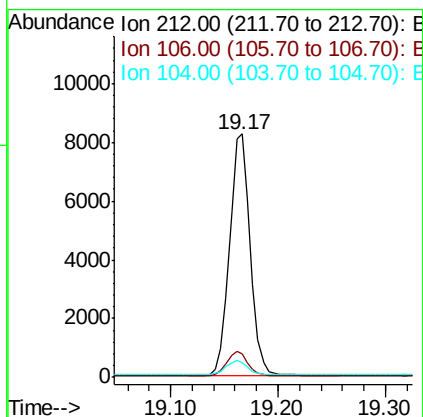
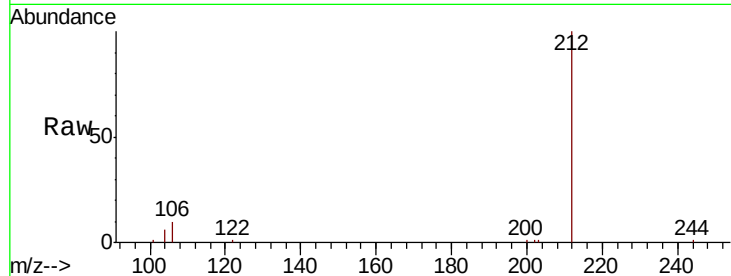




#27
 Fluoranthene-d10
 Concen: 0.358 ng
 RT: 19.17 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BN011662.D
 Acq: 27 Aug 2020 13:54

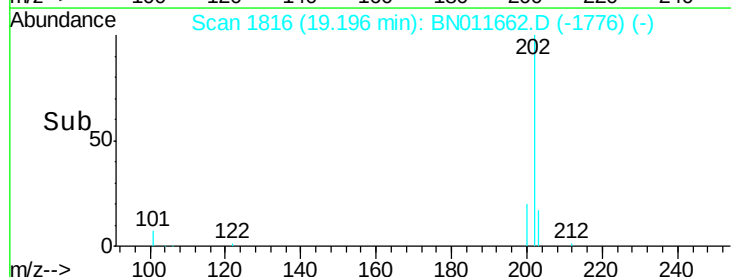
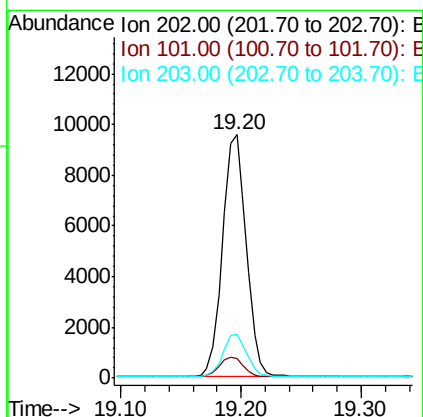
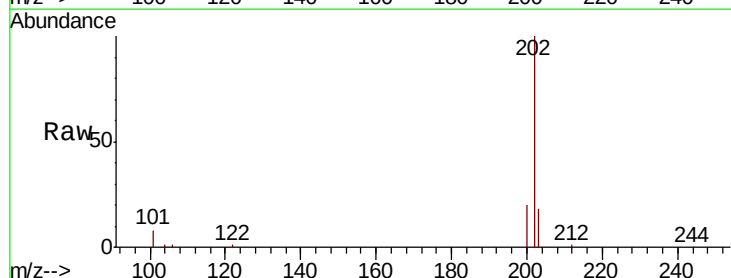
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082720

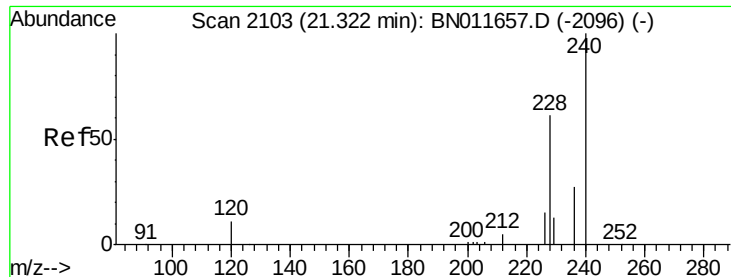
Tot Ion:212 Resp: 11028
 Ion Ratio Lower Upper
 212 100
 106 9.9 7.6 11.4
 104 5.8 4.6 6.8



#28
 Fluoranthene
 Concen: 0.356 ng
 RT: 19.20 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BN011662.D
 Acq: 27 Aug 2020 13:54

Tgt Ion:202 Resp: 13074
 Ion Ratio Lower Upper
 202 100
 101 8.5 6.5 9.7
 203 17.3 13.8 20.6

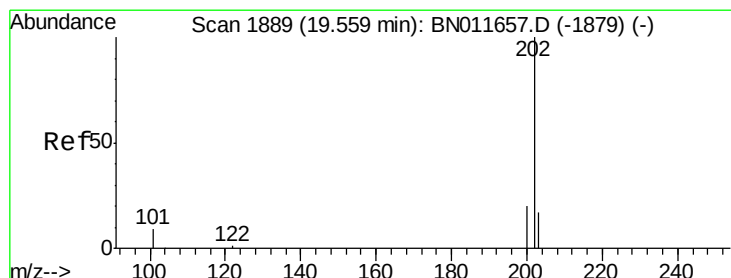
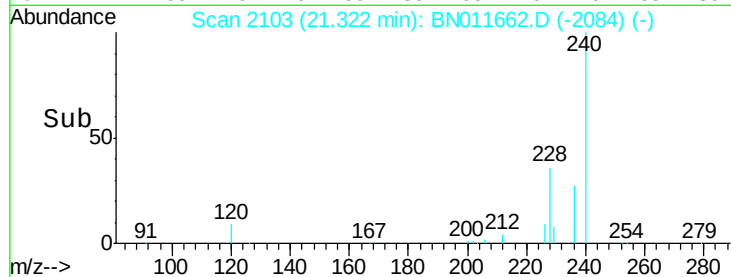
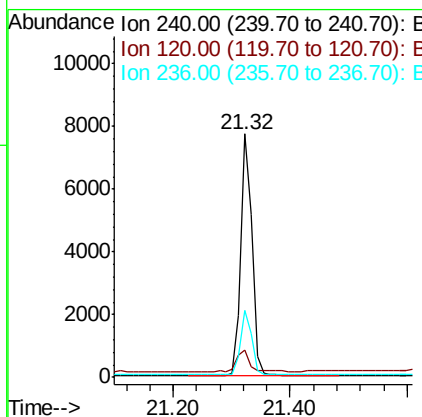
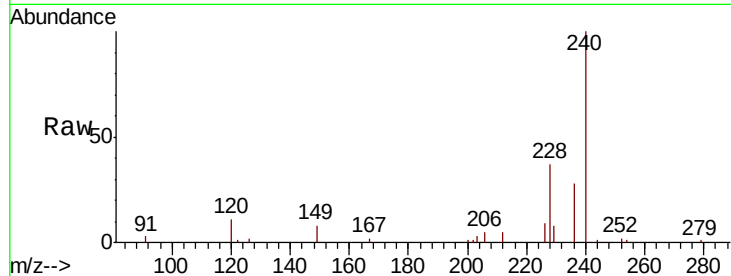




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011662.D
Acq: 27 Aug 2020 13:54

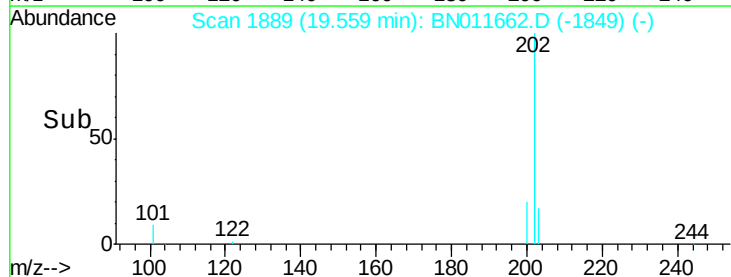
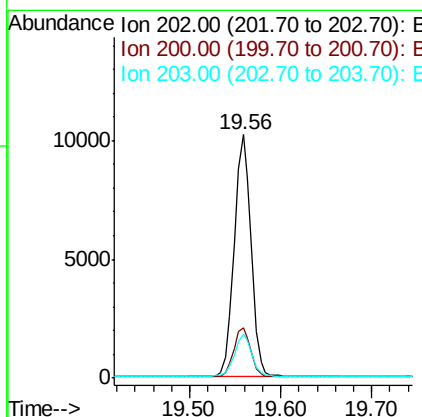
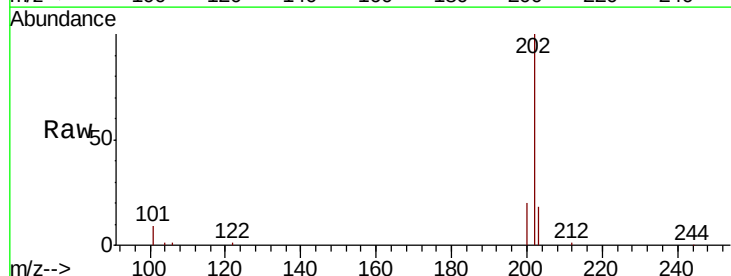
Instrument :
BNA_N
ClientSampleId :
ICVBN082720

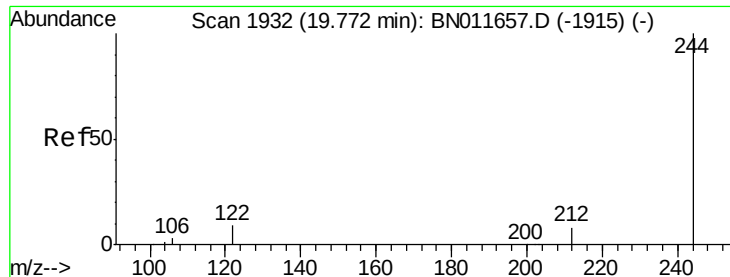
Tot Ion:240 Resp: 10083
Ion Ratio Lower Upper
240 100
120 11.1 9.9 14.9
236 27.8 22.2 33.4



#30
Pyrene
Concen: 0.378 ng
RT: 19.56 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BN011662.D
Acq: 27 Aug 2020 13:54

Tgt Ion:202 Resp: 13243
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.4 14.1 21.1





#31

Terphenyl-d14

Concen: 0.378 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720

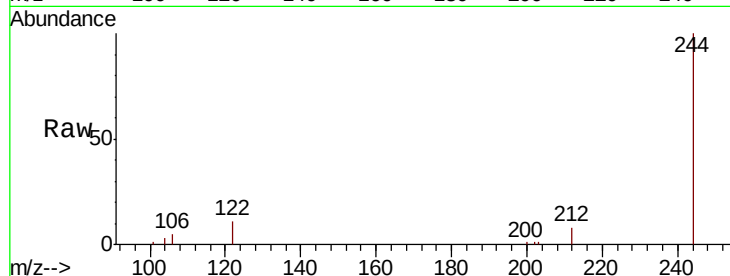
Tot Ion:244 Resp: 9471

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

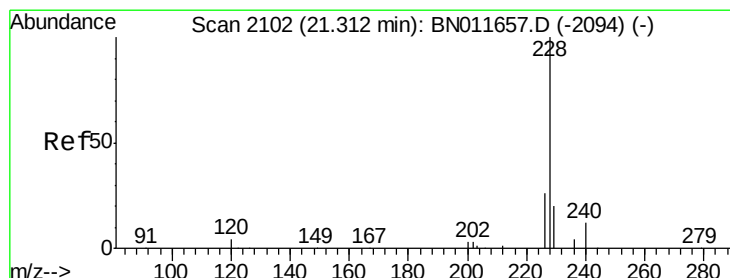
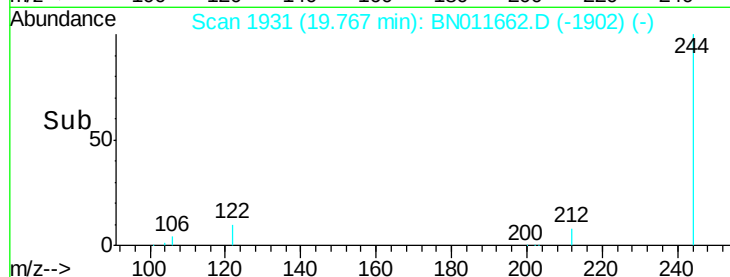
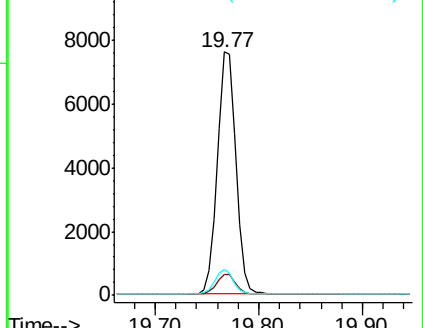
122 10.6 7.4 11.2



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



#32

Benzo(a)anthracene

Concen: 0.368 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

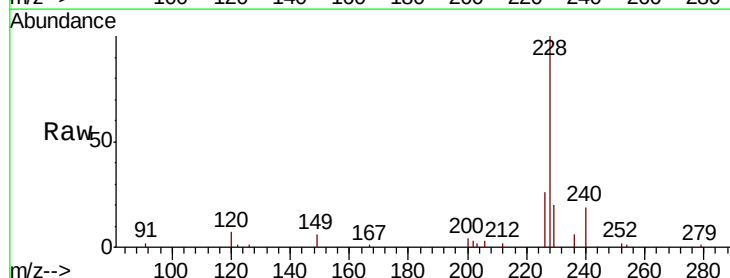
Tgt Ion:228 Resp: 13254

Ion Ratio Lower Upper

228 100

226 26.3 21.2 31.8

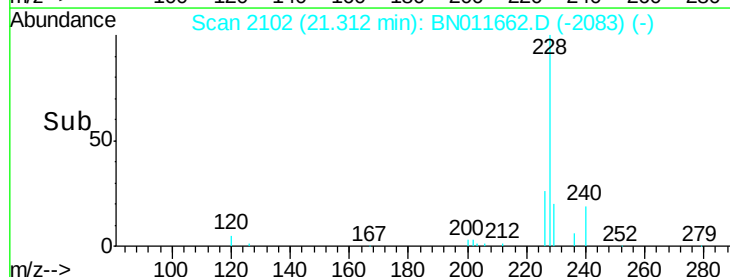
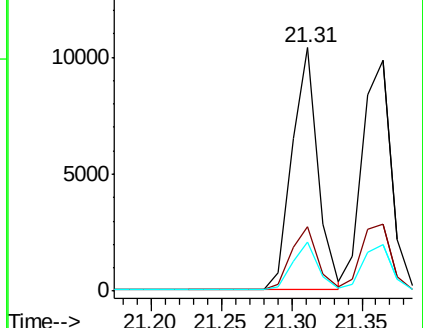
229 20.4 16.0 24.0

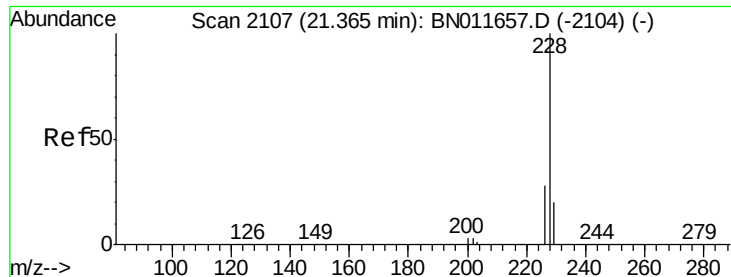


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.375 ng

RT: 21.36 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

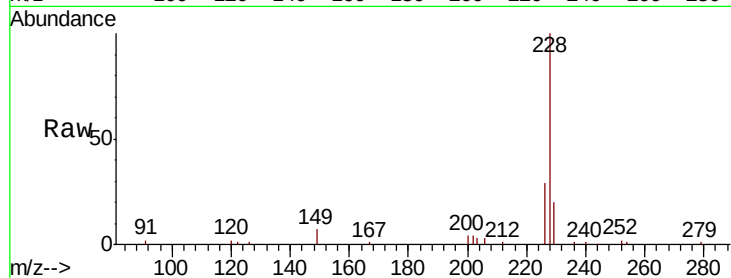
BNA_N

ClientSampleId :

ICVBN082720

Tot Ion:228 Resp: 13916

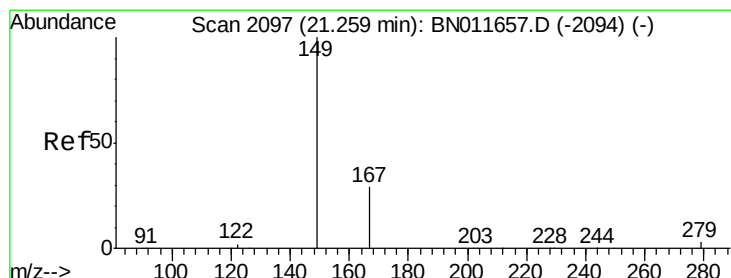
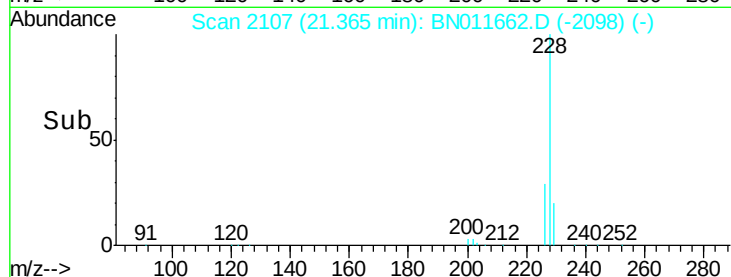
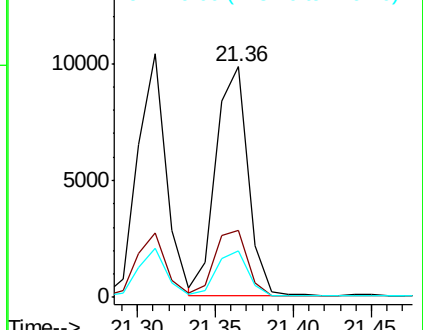
Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	20.5	15.9	23.9



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.346 ng

RT: 21.26 min Scan# 2097

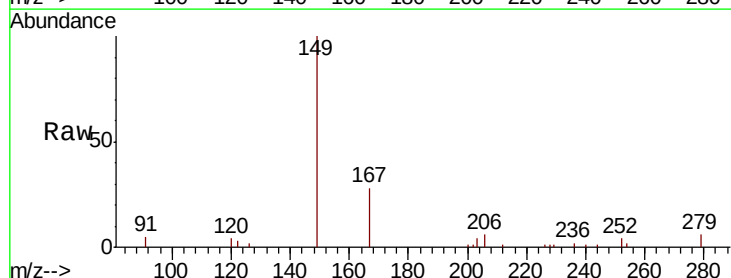
Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Tgt Ion:149 Resp: 5064

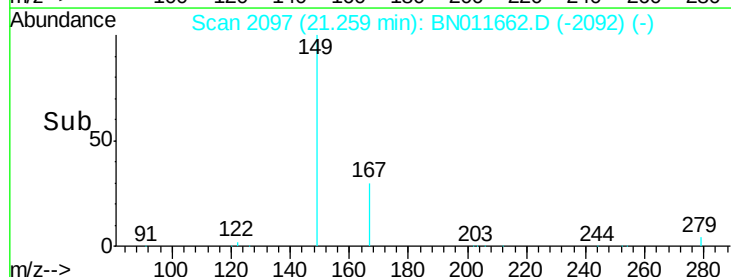
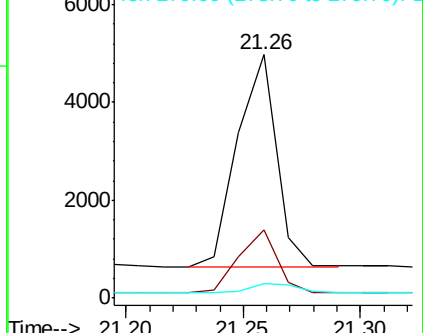
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.2	34.8
279	4.9	4.0	6.0

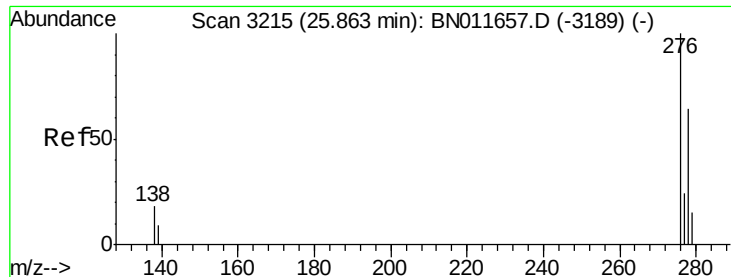


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

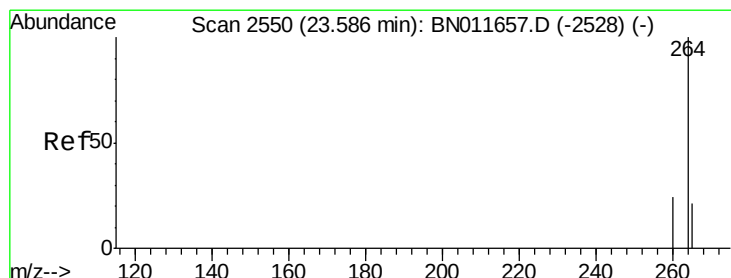
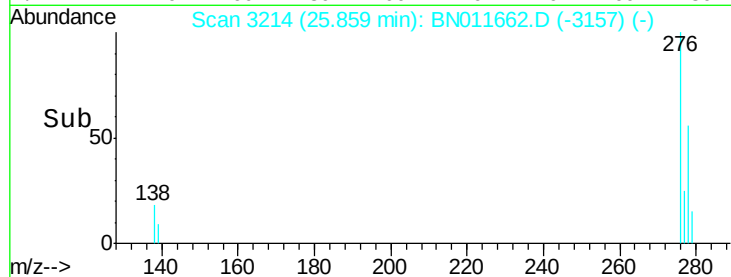
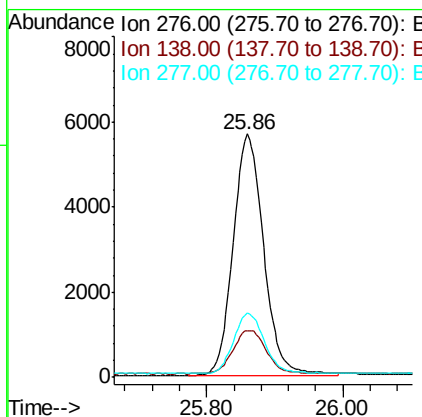
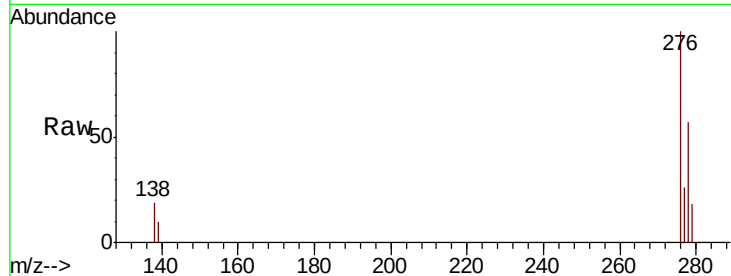




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.364 ng
 RT: 25.86 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BN011662.D
 Acq: 27 Aug 2020 13:54

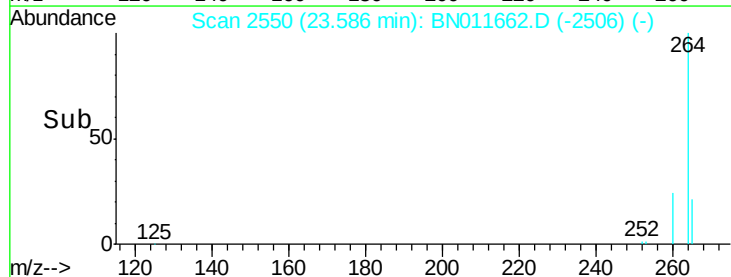
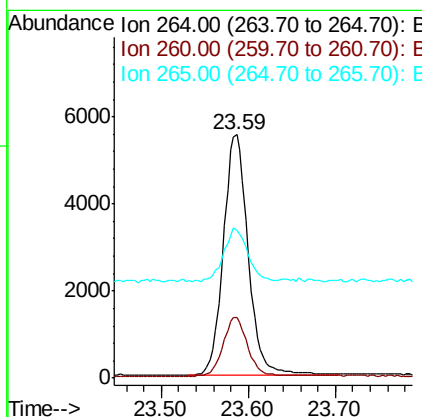
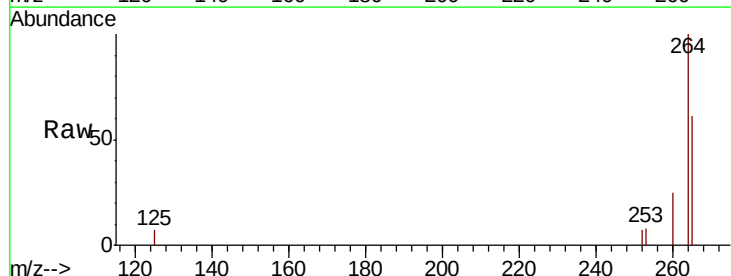
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082720

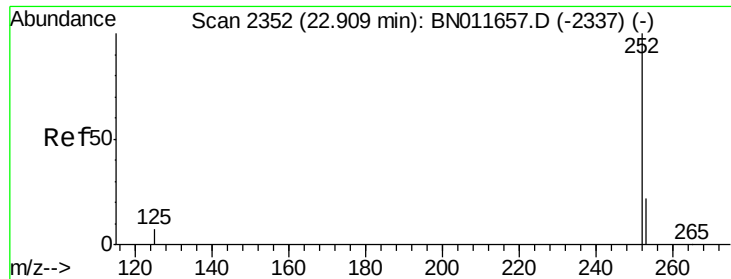
Tot Ion:276 Resp: 17635
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.4 23.2
 277 25.4 20.1 30.1



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.59 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BN011662.D
 Acq: 27 Aug 2020 13:54

Tgt Ion:264 Resp: 10869
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 60.8 38.9 58.3#

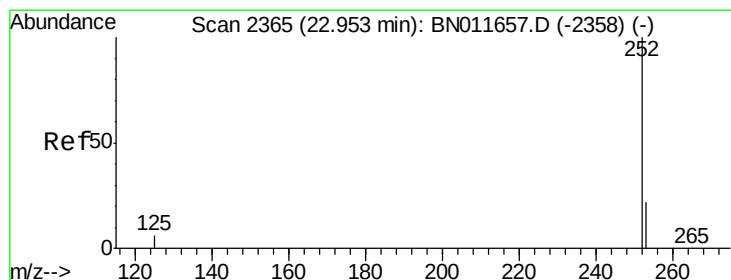
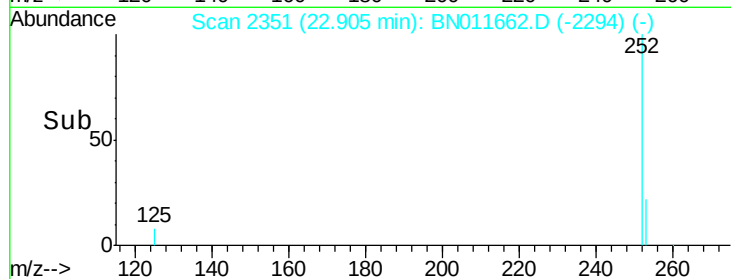
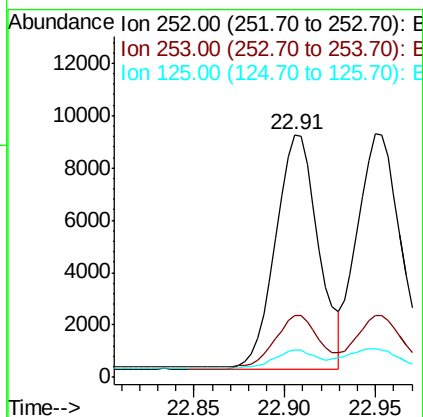
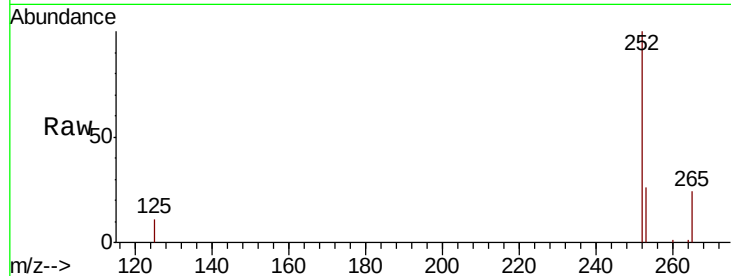




#37
Benzo(b)fluoranthene
Concen: 0.353 ng
RT: 22.91 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BN011662.D
Acq: 27 Aug 2020 13:54

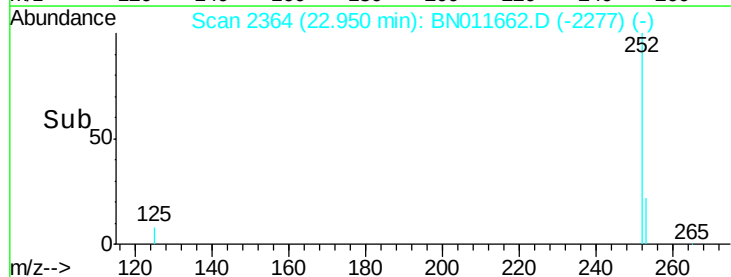
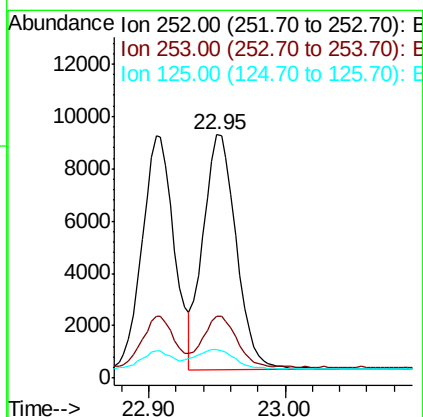
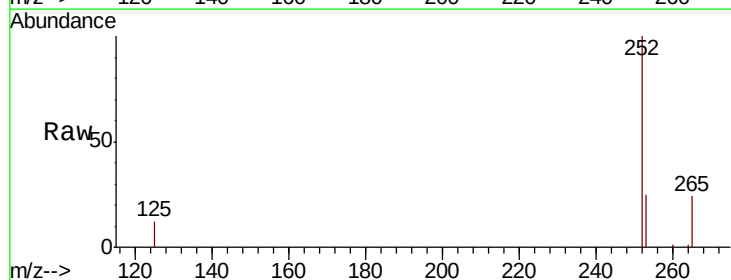
Instrument :
BNA_N
ClientSampleId :
ICVBN082720

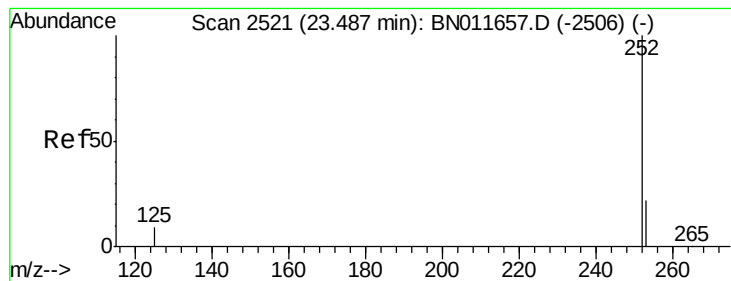
Tot Ion:252 Resp: 14718
Ion Ratio Lower Upper
252 100
253 25.6 19.7 29.5
125 11.4 7.8 11.8



#38
Benzo(k)fluoranthene
Concen: 0.355 ng
RT: 22.95 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BN011662.D
Acq: 27 Aug 2020 13:54

Tgt Ion:252 Resp: 15113
Ion Ratio Lower Upper
252 100
253 25.4 19.4 29.0
125 11.8 8.4 12.6





#39

Benzo(a)pyrene

Concen: 0.340 ng

RT: 23.49 min Scan# 2521

Delta R.T. 0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720

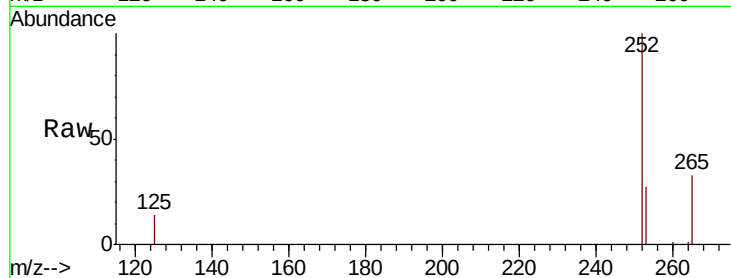
Tot Ion:252 Resp: 12660

Ion Ratio Lower Upper

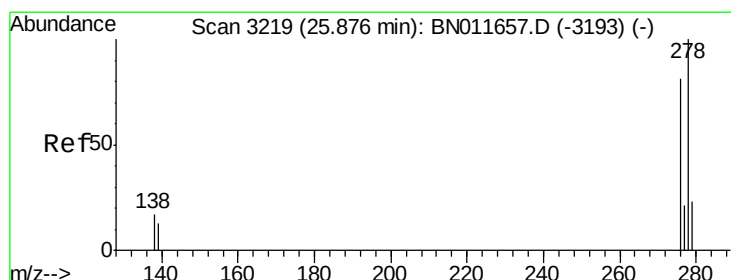
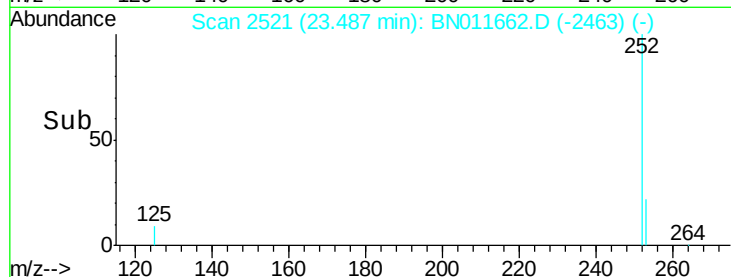
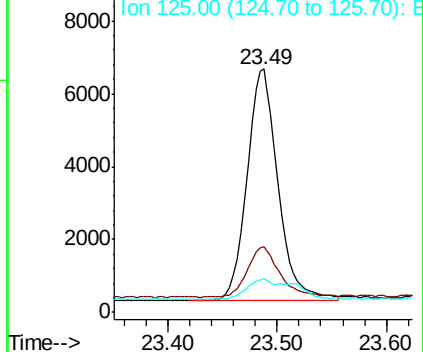
252 100

253 27.2 20.3 30.5

125 13.6 9.8 14.6



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



#40

Dibenzo(a,h)anthracene

Concen: 0.348 ng

RT: 25.88 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BN011662.D

Acq: 27 Aug 2020 13:54

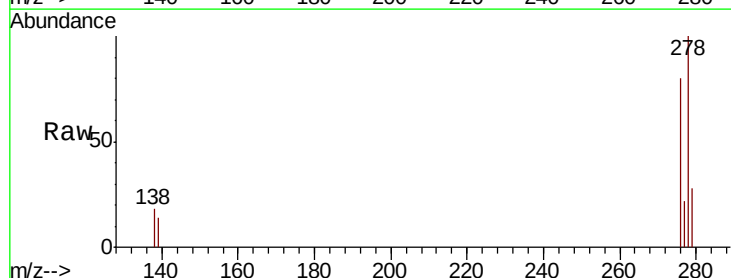
Tgt Ion:278 Resp: 14616

Ion Ratio Lower Upper

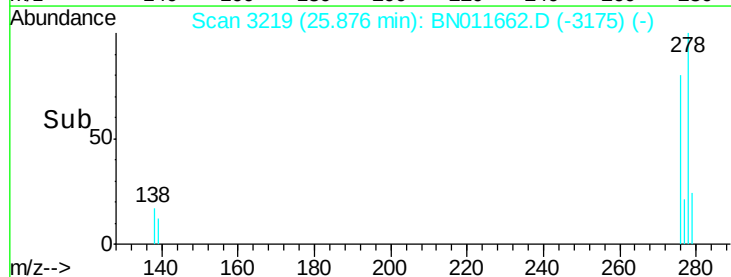
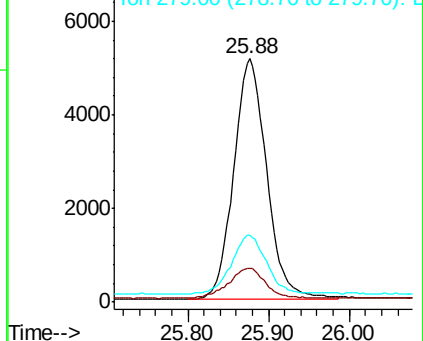
278 100

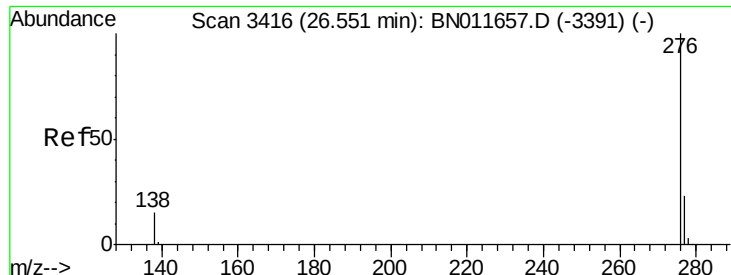
139 13.9 11.0 16.6

279 27.7 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.345 ng

RT: 26.55 min Scan# 3415

Delta R.T. -0.00 min

Lab File: BN011662.D

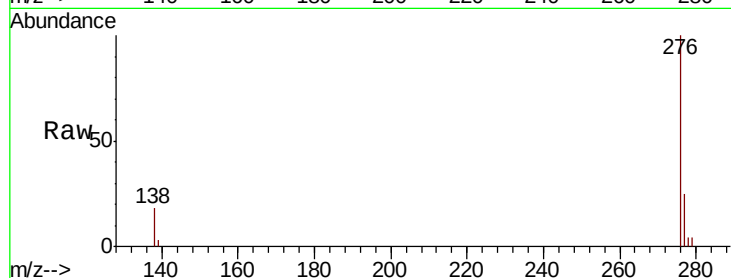
Acq: 27 Aug 2020 13:54

Instrument :

BNA_N

ClientSampleId :

ICVBN082720



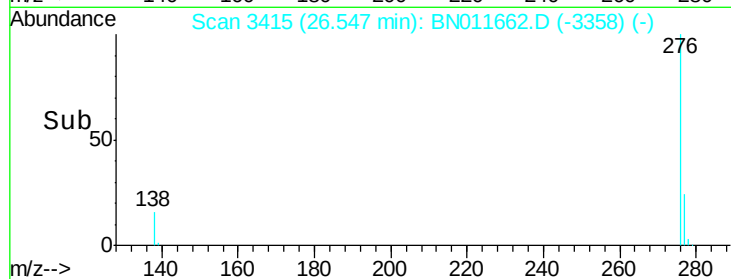
Tot Ion: 276 Resp: 14217

Ion Ratio Lower Upper

276 100

277 25.4 19.7 29.5

138 17.7 13.4 20.2



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

