

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011564.D
 Acq On : 21 Aug 2020 20:37
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082120

Quant Time: Aug 22 05:50:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1422	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5138	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3461	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	7975	0.40	ng	0.00
29) Chrysene-d12	21.01	240	7639	0.40	ng	0.00
36) Perylene-d12	23.11	264	7093	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1130	0.37	ng	0.00
5) Phenol-d6	6.63	99	1016	0.33	ng	0.00
8) Nitrobenzene-d5	8.55	82	1155	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	3392	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	561	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	5218	0.37	ng	0.00
27) Fluoranthene-d10	18.83	212	9020	0.34	ng	0.00
31) Terphenyl-d14	19.46	244	6867	0.34	ng	0.00

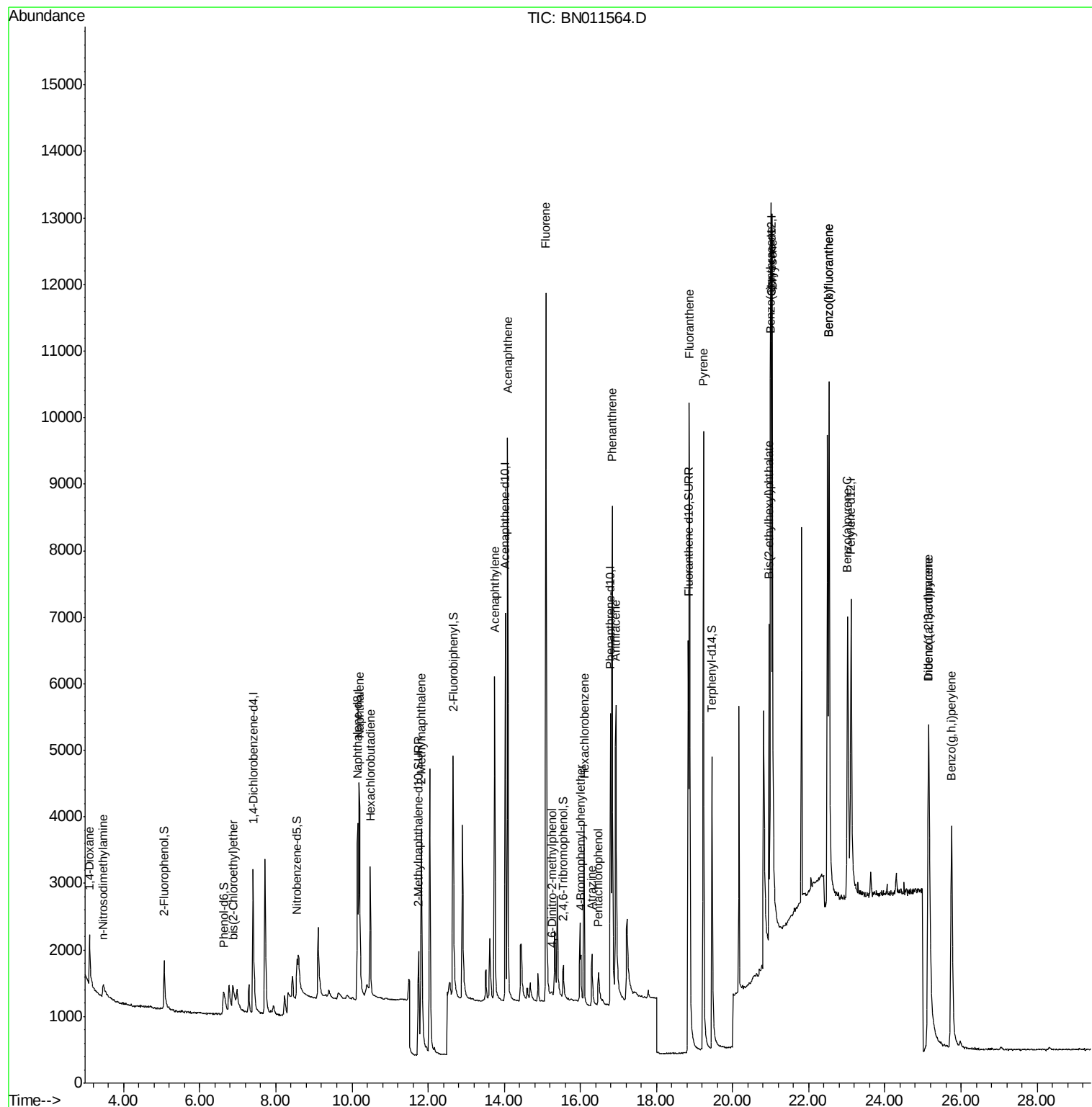
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	774	0.398	ng	# 100
3) n-Nitrosodimethylamine	3.47	42	279	0.348	ng	# 83
6) bis(2-Chloroethyl)ether	6.87	93	1028	0.343	ng	96
9) Naphthalene	10.19	128	5539	0.372	ng	98
10) Hexachlorobutadiene	10.48	225	1561	0.375	ng	# 100
12) 2-Methylnaphthalene	11.82	142	3819	0.373	ng	98
16) Acenaphthylene	13.75	152	6231	0.354	ng	100
17) Acenaphthene	14.09	154	4288	0.371	ng	99
18) Fluorene	15.09	166	5782	0.378	ng	100
20) 4,6-Dinitro-2-methylphenol	15.24	198	246	0.330	ng	90
21) 4-Bromophenyl-phenylether	16.02	248	640	0.367	ng	99
22) Hexachlorobenzene	16.10	284	2242	0.365	ng	99
23) Atrazine	16.30	200	1049	0.253	ng	96
24) Pentachlorophenol	16.47	266	530	0.277	ng	94
25) Phenanthrene	16.83	178	8928	0.356	ng	100
26) Anthracene	16.93	178	7145	0.341	ng	99
28) Fluoranthene	18.86	202	10839	0.336	ng	99
30) Pvrene	19.23	202	10548	0.347	ng	100
32) Benzo(a)anthracene	20.99	228	8793	0.350	ng	97
33) Chrysene	21.05	228	10772	0.377	ng	100
34) Bis(2-ethylhexyl)phthalate	20.96	149	4347	0.382	ng	100
35) Indeno(1,2,3-cd)pyrene	25.14	276	9256	0.357	ng	100
37) Benzo(b)fluoranthene	22.54	252	11885	0.453	ng	94
38) Benzo(k)fluoranthene	22.54	252	11885	0.380	ng	93
39) Benzo(a)pyrene	23.02	252	8575	0.353	ng	# 87
40) Dibenzo(a,h)anthracene	25.16	278	7066	0.348	ng	90
41) Benzo(g,h,i)perylene	25.75	276	8106	0.335	ng	96

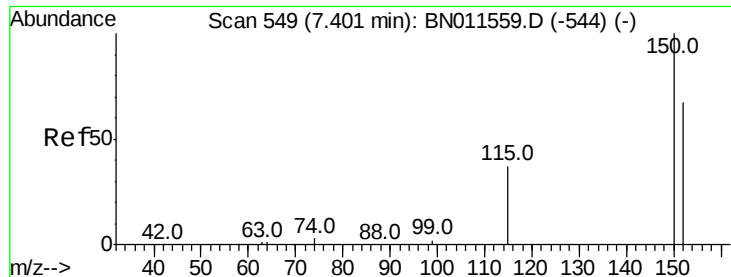
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 22 04:52:07 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 549

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

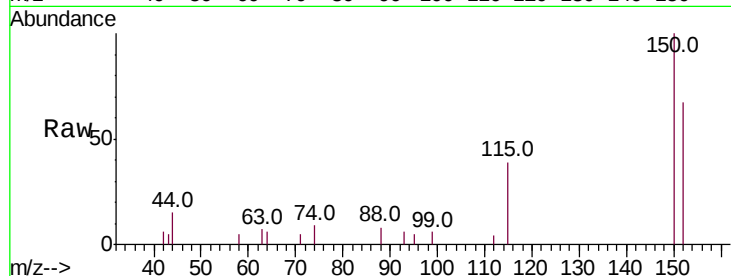
Tot Ion:152 Resp: 1422

Ion Ratio Lower Upper

152 100

150 149.4 117.1 175.7

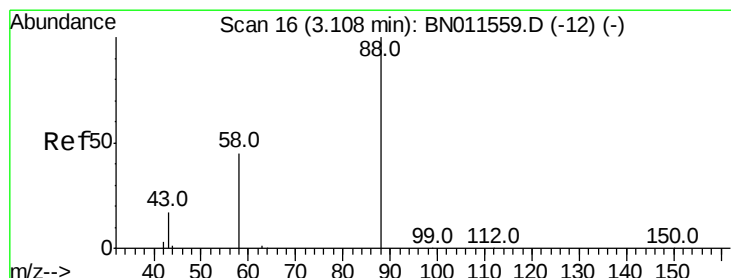
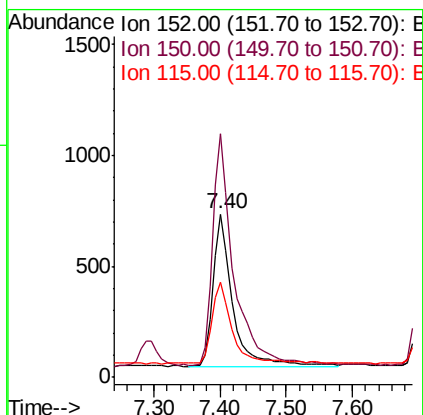
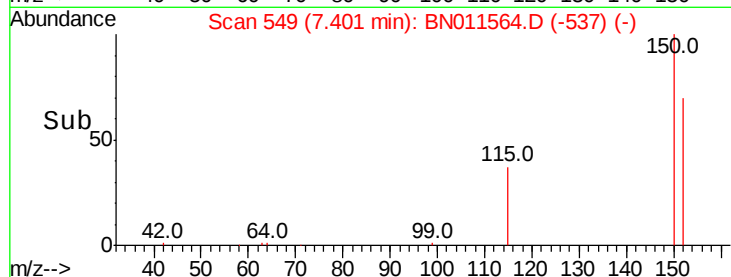
115 58.4 48.7 73.1



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



#2

1,4-Dioxane

Concen: 0.398 ng

RT: 3.11 min Scan# 16

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

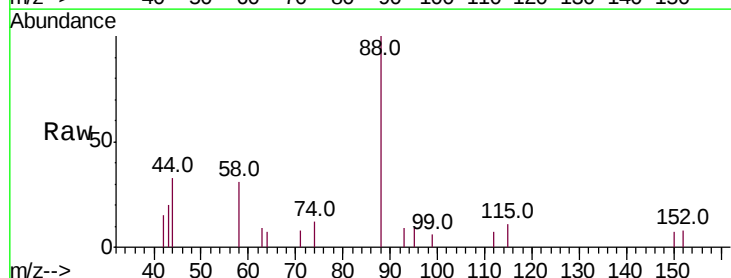
Tgt Ion: 88 Resp: 774

Ion Ratio Lower Upper

88 100

58 45.7 0.0 0.0#

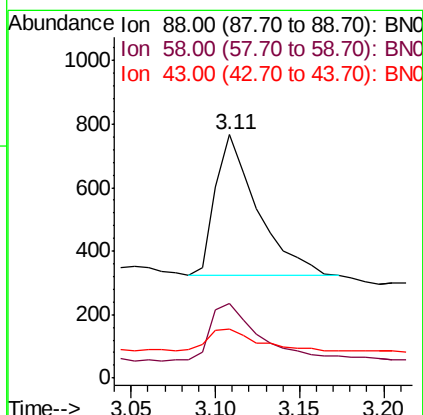
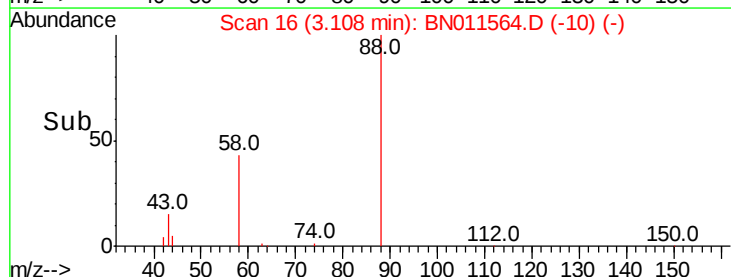
43 18.3 0.0 0.0#

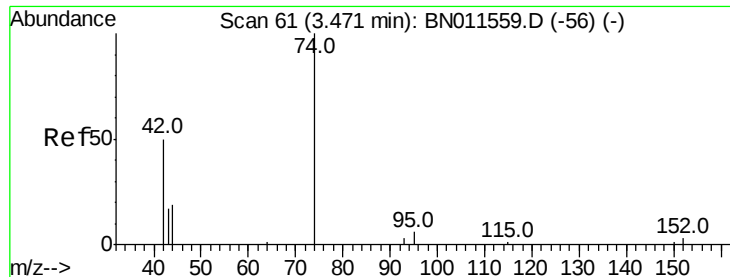


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



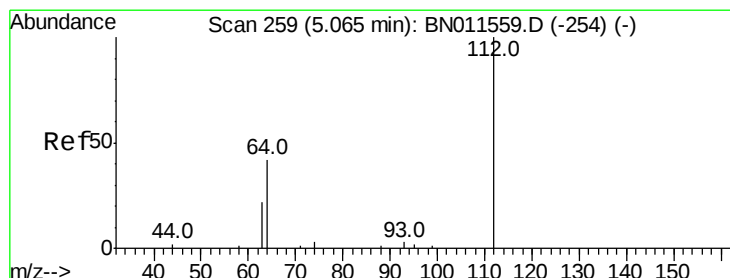
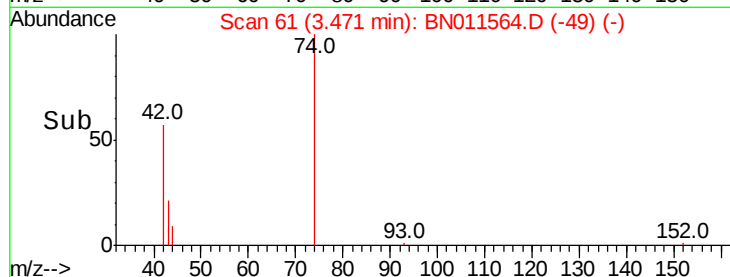
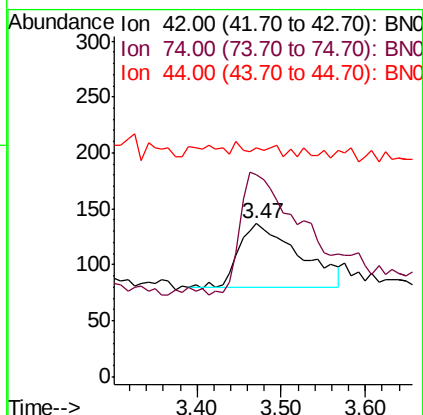
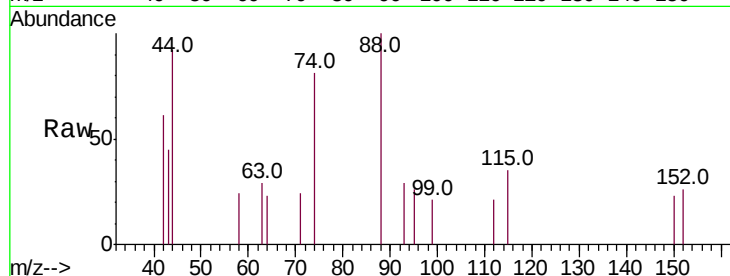


#3

n-Nitrosodimethylamine
 Concen: 0.348 ng
 RT: 3.47 min Scan# 61
 Delta R.T. -0.00 min
 Lab File: BN011564.D
 Acq: 21 Aug 2020 20:37

Instrument :
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 ICVBN082120

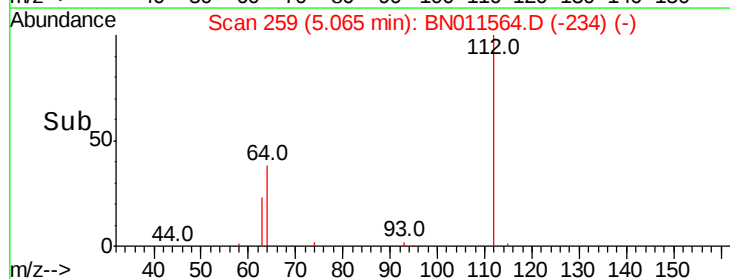
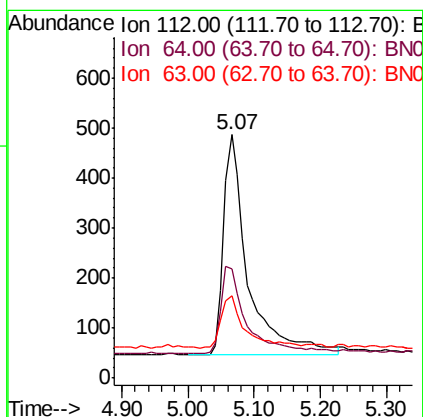
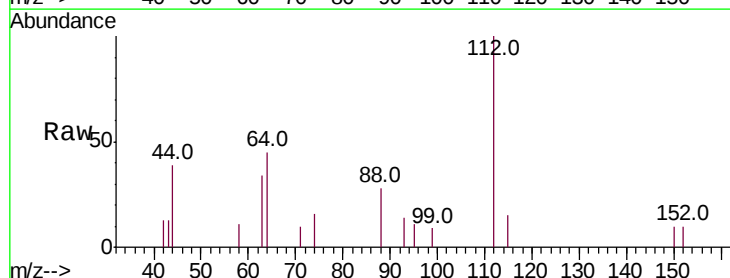
Tot Ion: 42 Resp: 279
 Ion Ratio Lower Upper
 42 100
 74 191.0 169.0 253.4
 44 0.0 21.6 32.4#

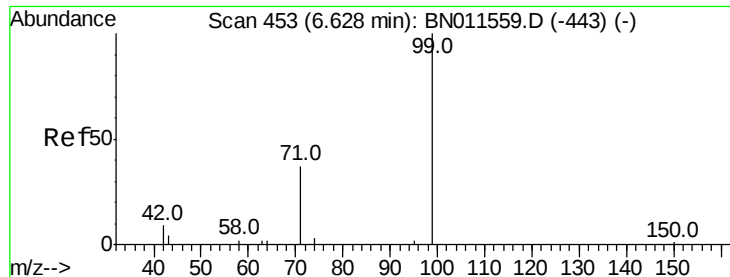


#4

2-Fluorophenol
 Concen: 0.372 ng
 RT: 5.07 min Scan# 259
 Delta R.T. -0.00 min
 Lab File: BN011564.D
 Acq: 21 Aug 2020 20:37

Tgt Ion: 112 Resp: 1130
 Ion Ratio Lower Upper
 112 100
 64 43.2 33.9 50.9
 63 23.1 17.7 26.5





#5

Phenol-d6

Concen: 0.331 ng

RT: 6.63 min Scan# 453

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

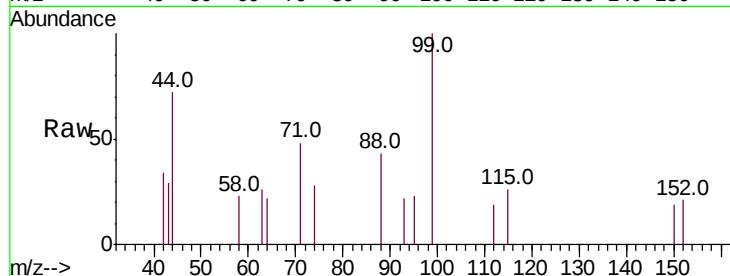
Tot Ion: 99 Resp: 1016

Ion Ratio Lower Upper

99 100

42 11.3 9.0 13.4

71 37.7 30.4 45.6



Abundance Ion 99.00 (98.70 to 99.70): BN011559.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011559.D (-443) (-)

Ion 71.00 (70.70 to 71.70): BN011559.D (-443) (-)

6.63

300

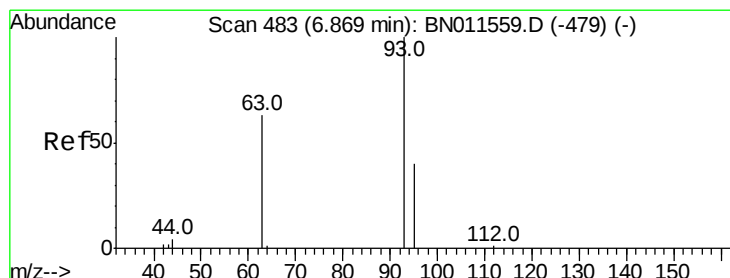
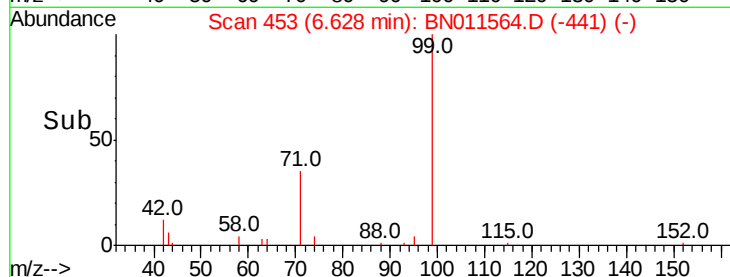
200

100

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.343 ng

RT: 6.87 min Scan# 483

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

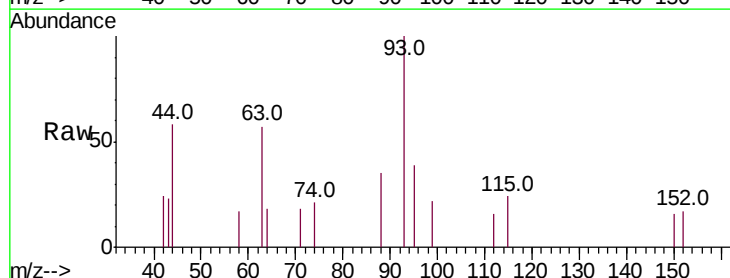
Tgt Ion: 93 Resp: 1028

Ion Ratio Lower Upper

93 100

63 37.9 32.9 49.3

95 32.5 25.3 37.9



Abundance Ion 93.00 (92.70 to 93.70): BN011559.D (-479) (-)

Ion 63.00 (62.70 to 63.70): BN011559.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BN011559.D (-479) (-)

6.87

500

400

300

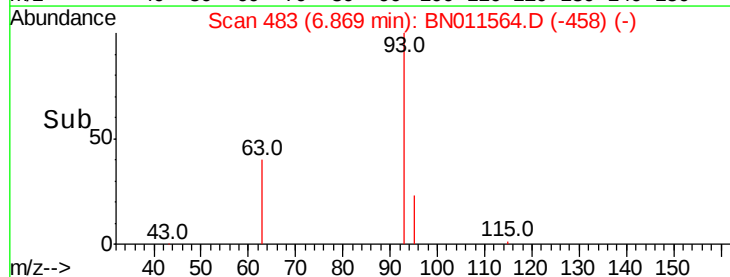
200

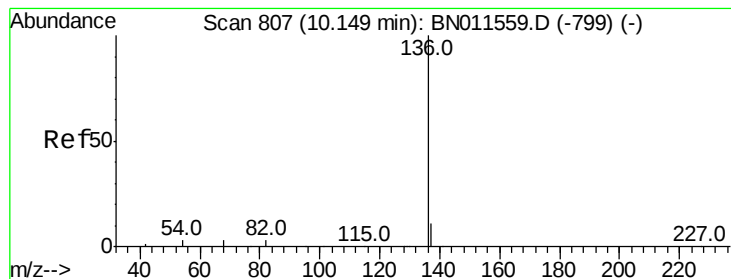
100

0

6.80 6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 807

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

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ClientSampleId :

ICVBN082120

Tot Ion:136 Resp: 5138

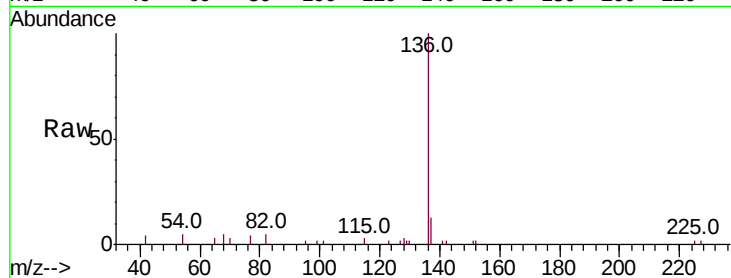
Ion Ratio Lower Upper

136 100

137 13.1 11.0 16.4

54 4.5 4.3 6.5

68 4.9 4.9 7.3

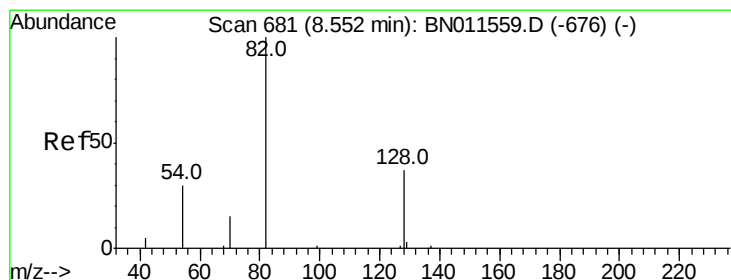
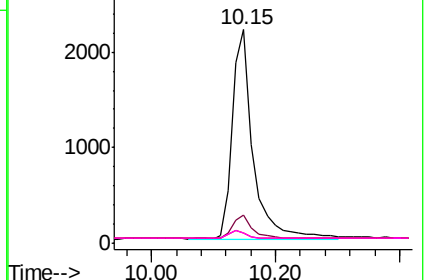
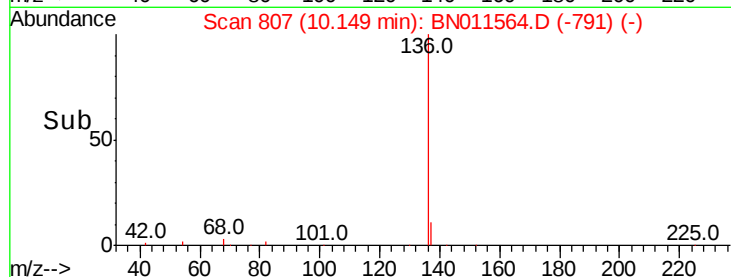


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 8.55 min Scan# 681

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

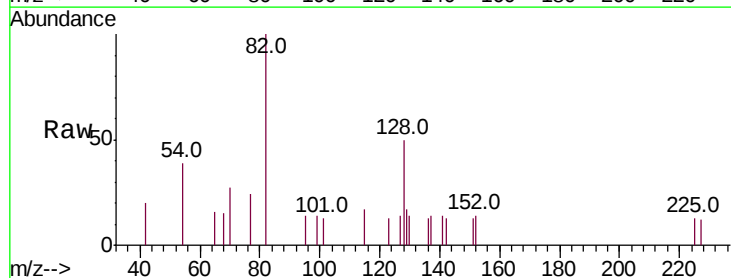
Tgt Ion: 82 Resp: 1155

Ion Ratio Lower Upper

82 100

128 50.0 41.7 62.5

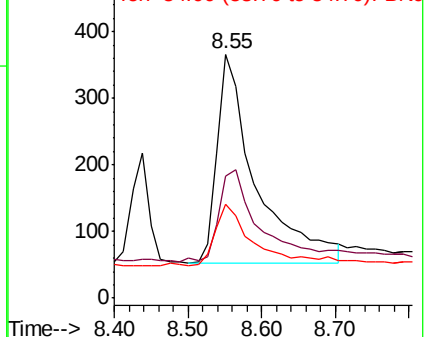
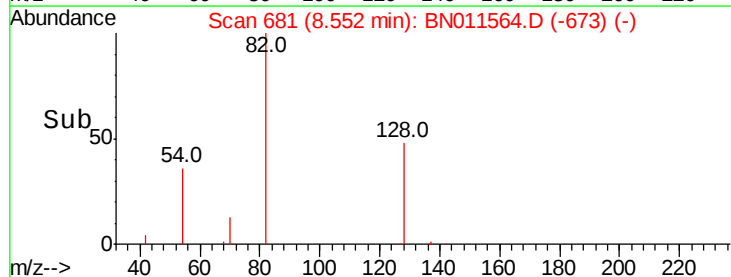
54 38.5 34.4 51.6

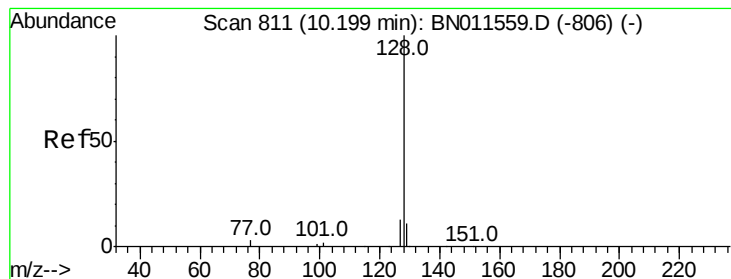


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.372 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

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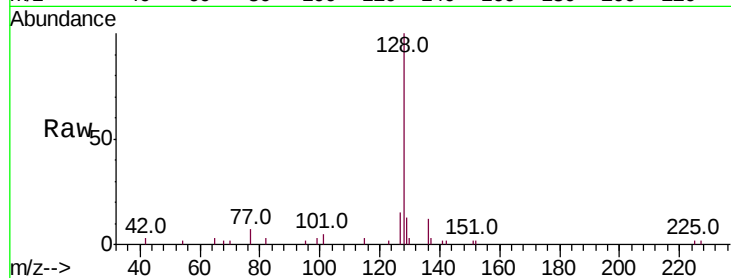
Tot Ion:128 Resp: 5539

Ion Ratio Lower Upper

128 100

129 12.6 10.8 16.2

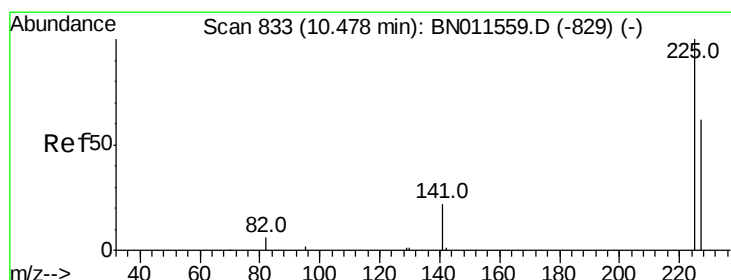
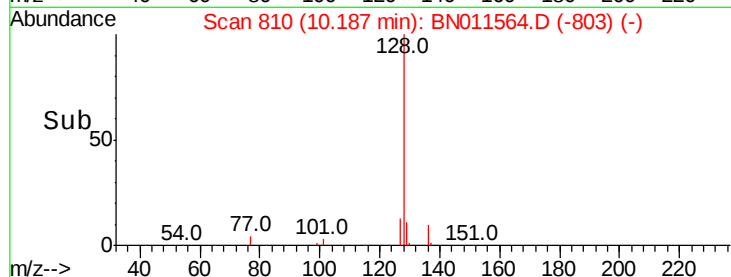
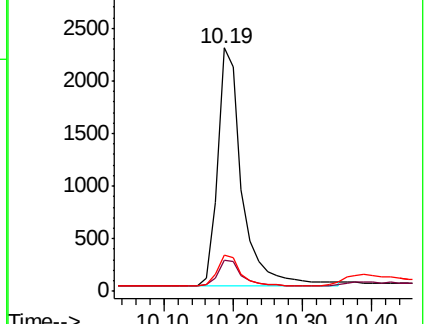
127 14.7 12.3 18.5



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: 0.375 ng

RT: 10.48 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

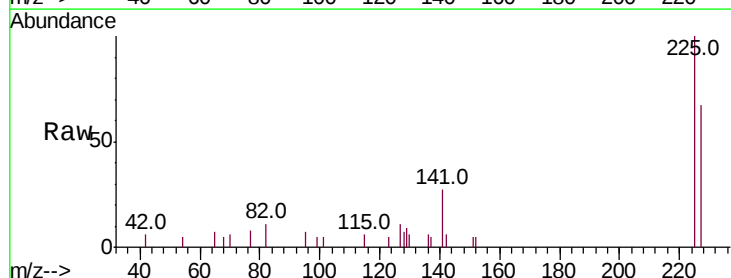
Tgt Ion:225 Resp: 1561

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

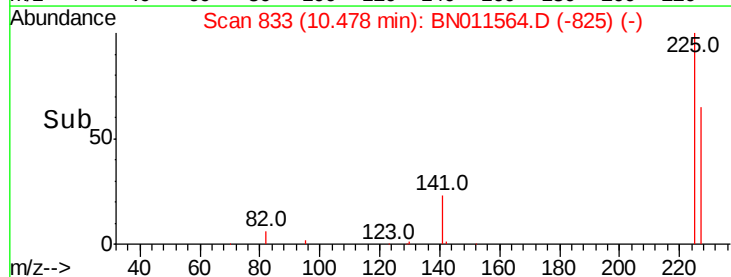
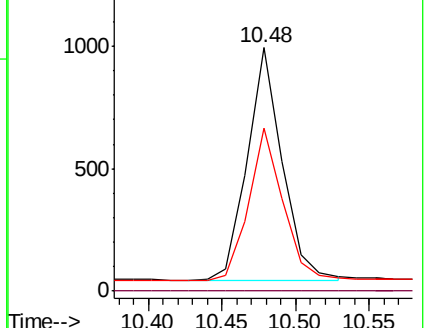
227 64.0 51.3 76.9

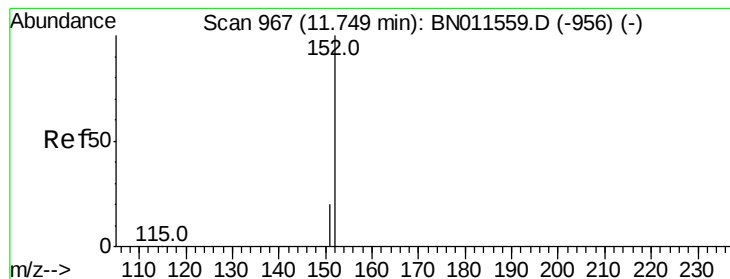


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 11.75 min Scan# 967

Delta R.T. -0.00 min

Lab File: BN011564.D

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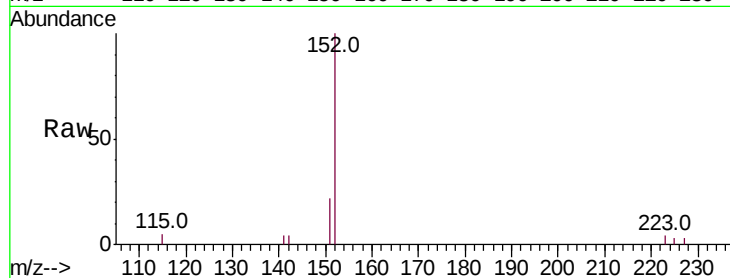
ICVBN082120

Tot Ion:152 Resp: 3392

Ion Ratio Lower Upper

152 100

151 19.7 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.75

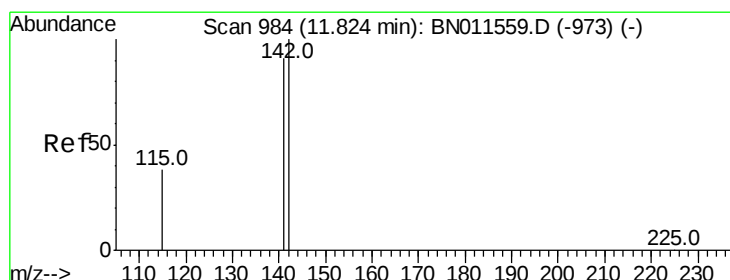
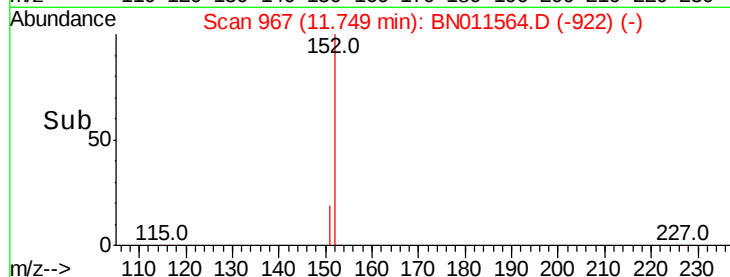
1500

1000

500

0

Time--> 11.60 11.80



#12

2-Methylnaphthalene

Concen: 0.373 ng

RT: 11.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

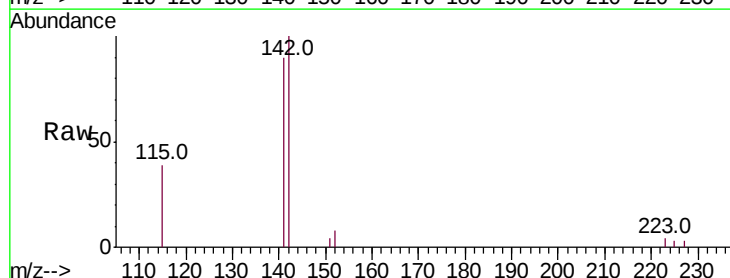
Tgt Ion:142 Resp: 3819

Ion Ratio Lower Upper

142 100

141 89.7 73.0 109.6

115 39.1 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

2500

2000

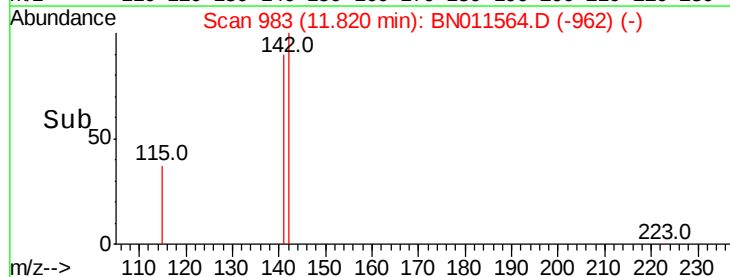
1500

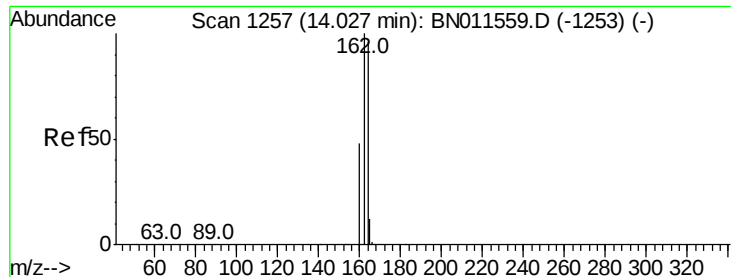
1000

500

0

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. -0.00 min

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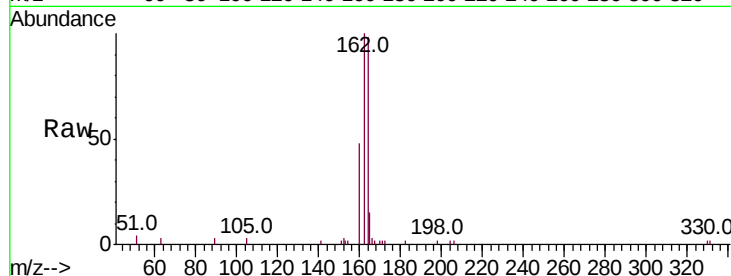
Tot Ion:164 Resp: 3461

Ion Ratio Lower Upper

164 100

162 102.1 83.7 125.5

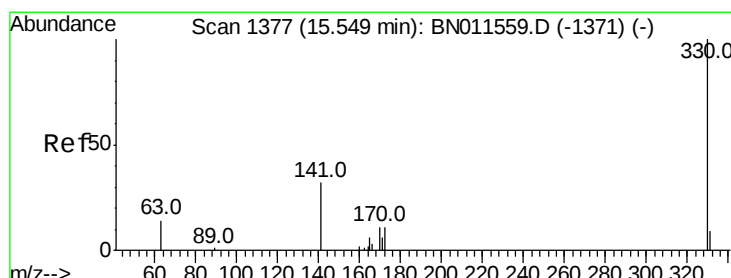
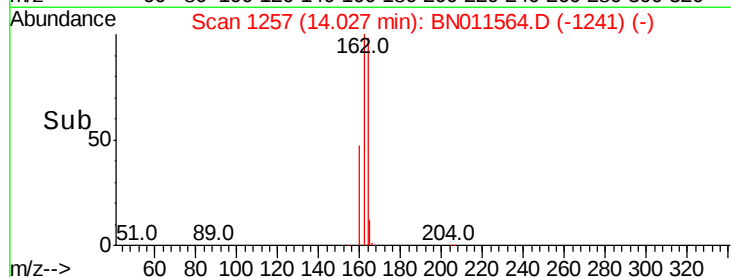
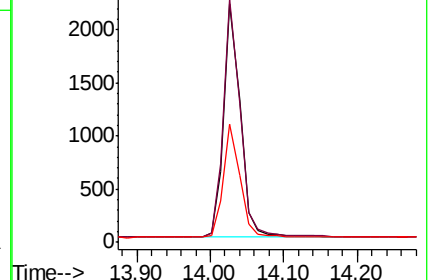
160 49.4 41.1 61.7



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: 0.326 ng

RT: 15.55 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

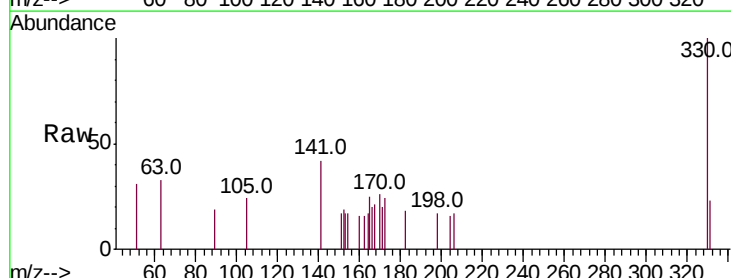
Tgt Ion:330 Resp: 561

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

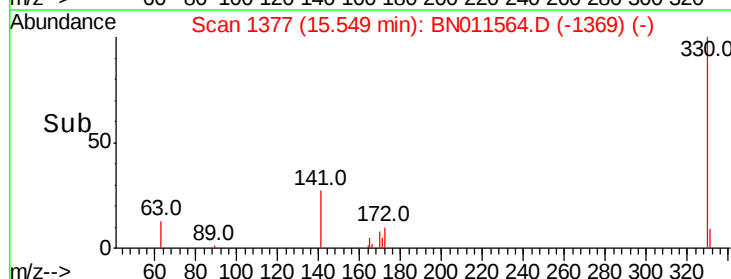
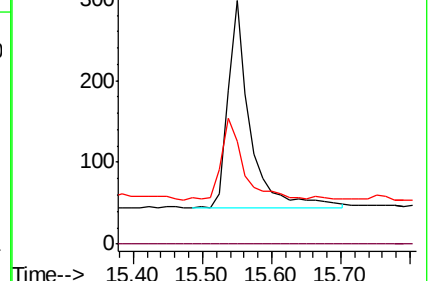
141 40.1 34.6 52.0

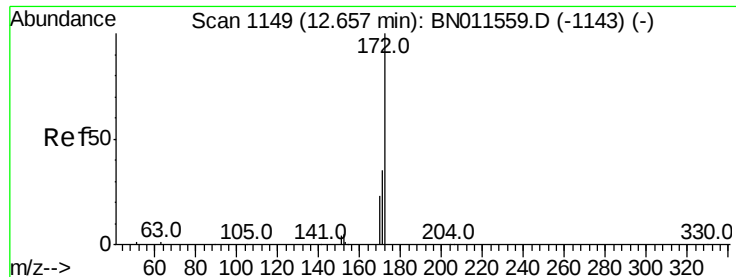


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

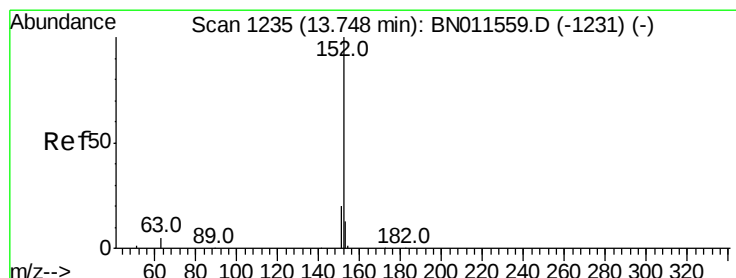
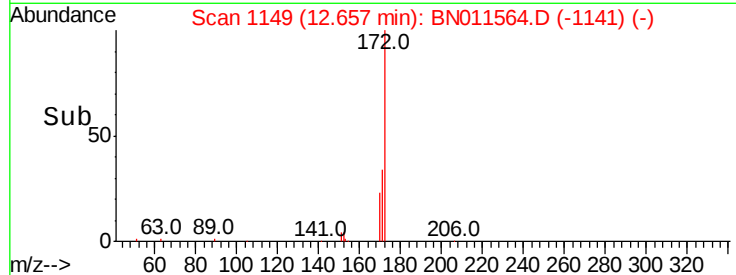
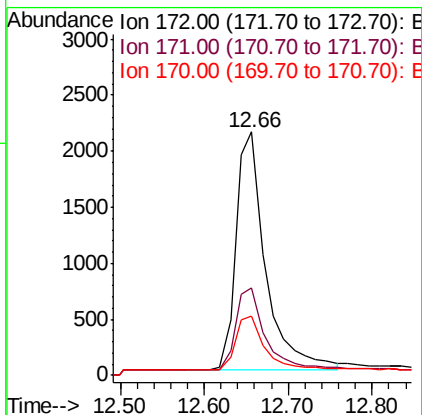
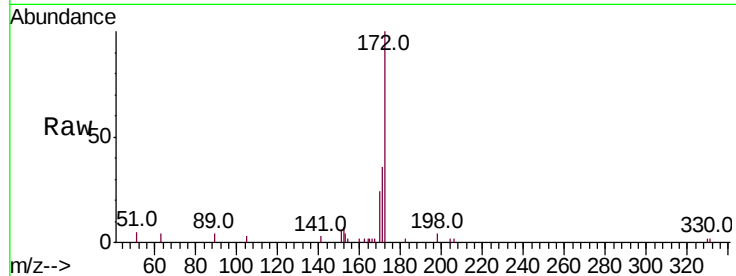




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.66 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

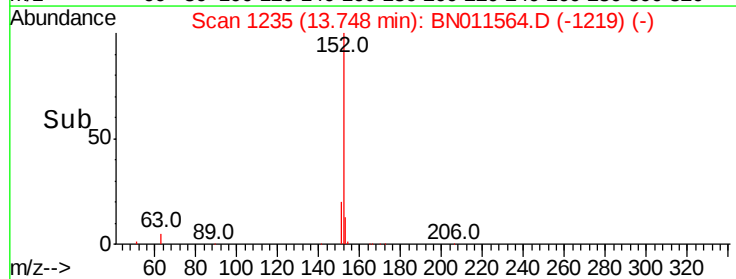
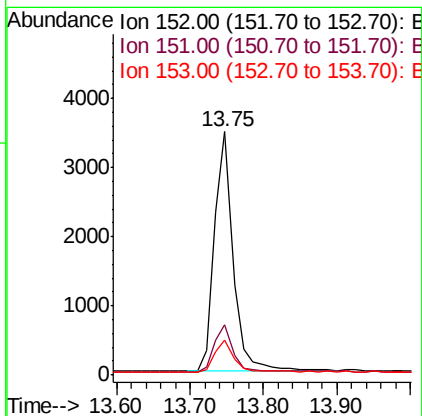
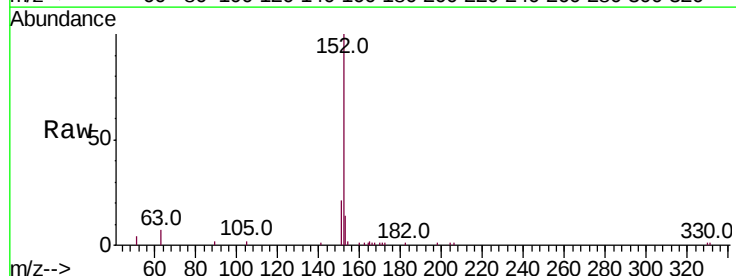
Instrument :
BNA_N
ClientSampleId :
ICVBN082120

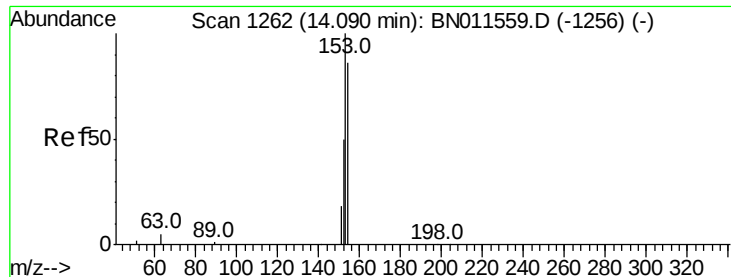
Tot Ion:172 Resp: 5218
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.3 20.1 30.1



#16
Acenaphthylene
Concen: 0.354 ng
RT: 13.75 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:152 Resp: 6231
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.371 ng

RT: 14.09 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

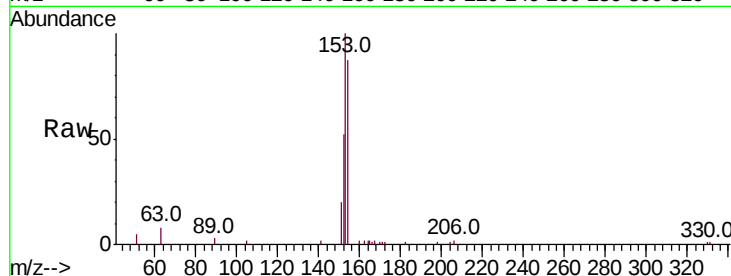
Tot Ion:154 Resp: 4288

Ion Ratio Lower Upper

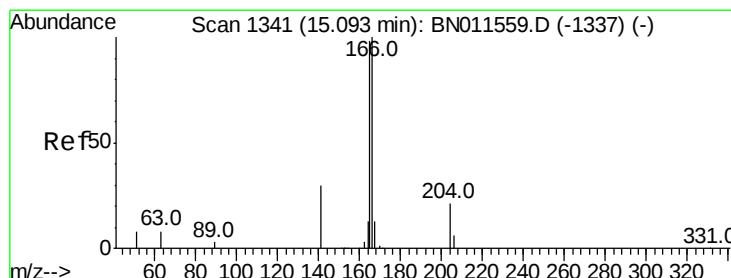
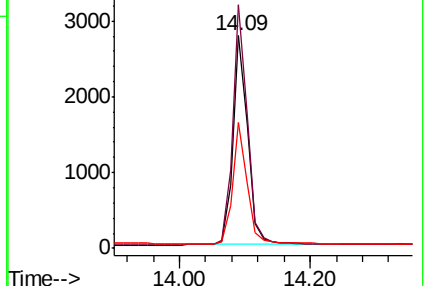
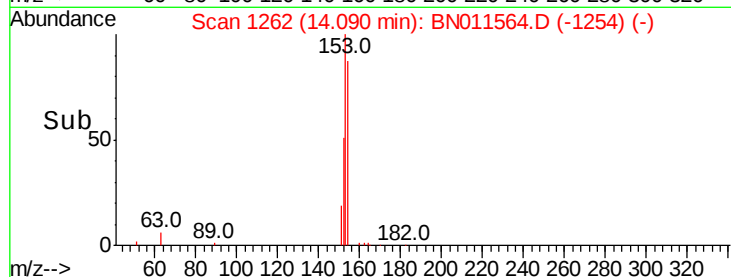
154 100

153 114.6 91.8 137.8

152 56.8 46.3 69.5



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: 0.378 ng

RT: 15.09 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

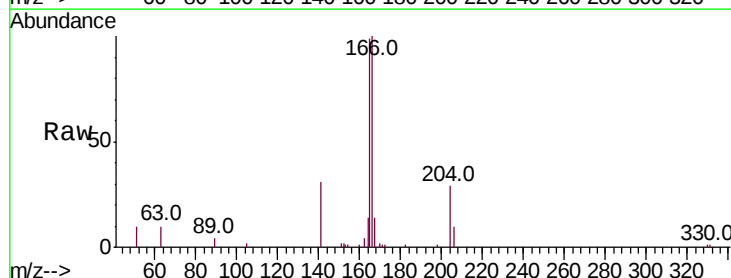
Tgt Ion:166 Resp: 5782

Ion Ratio Lower Upper

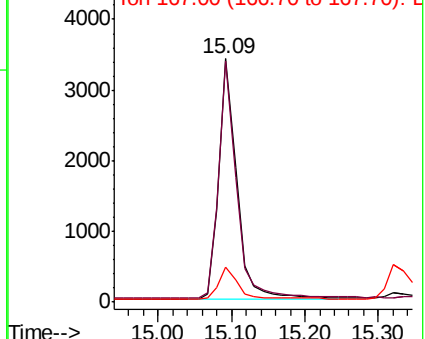
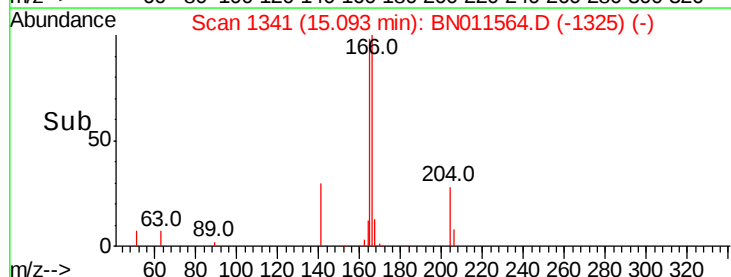
166 100

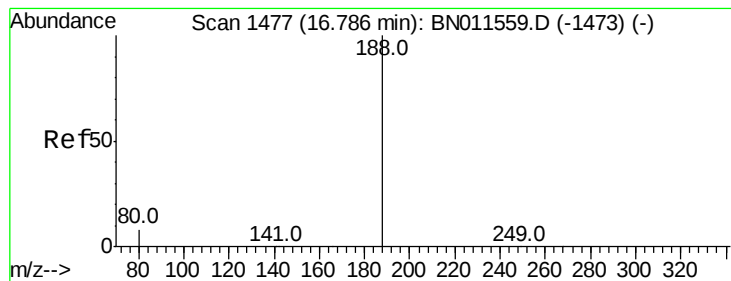
165 97.5 78.2 117.2

167 13.5 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

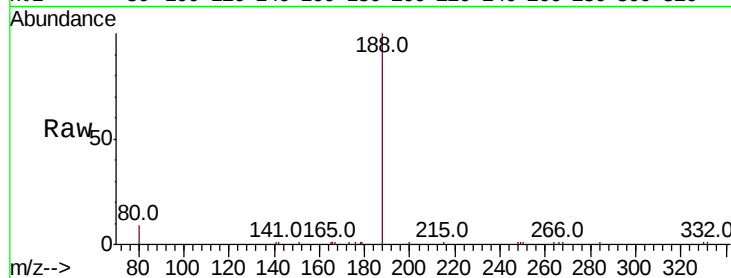
Tot Ion:188 Resp: 7975

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

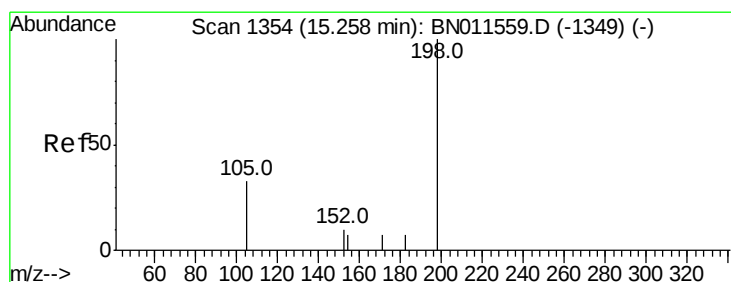
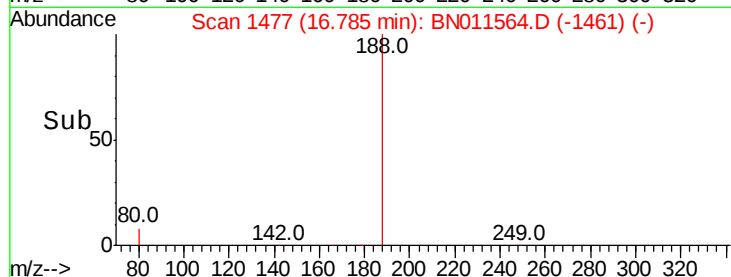
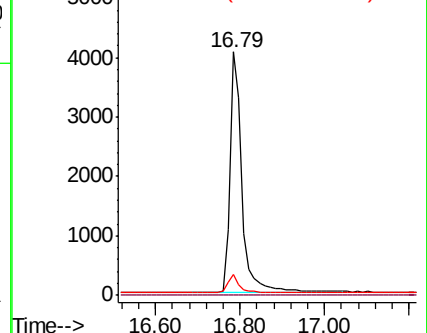
80 8.8 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.330 ng

RT: 15.24 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

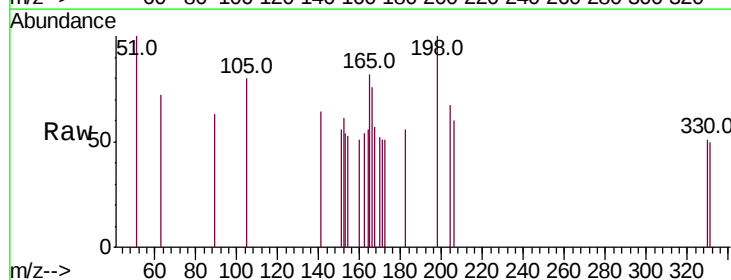
Tgt Ion:198 Resp: 246

Ion Ratio Lower Upper

198 100

51 100.0 89.4 134.2

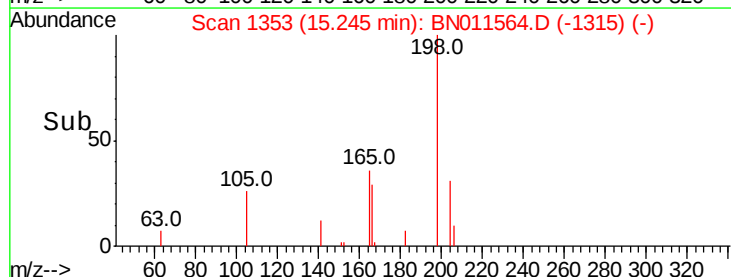
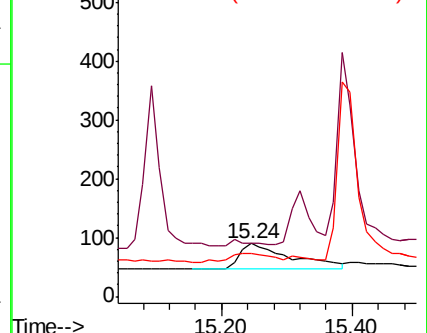
105 80.0 70.6 105.8

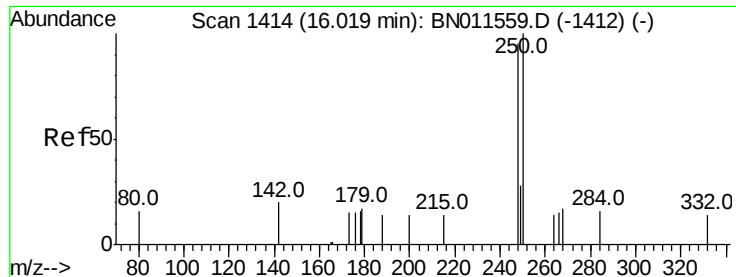


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

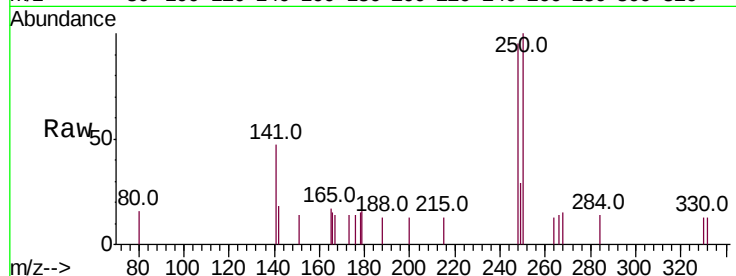




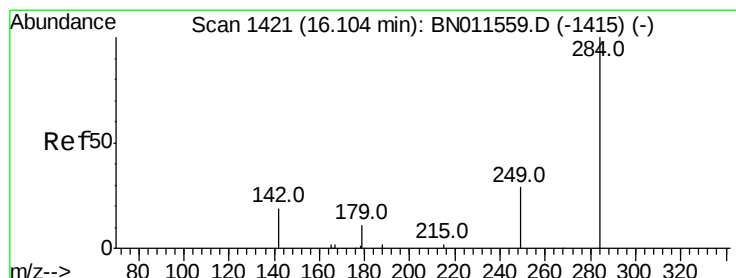
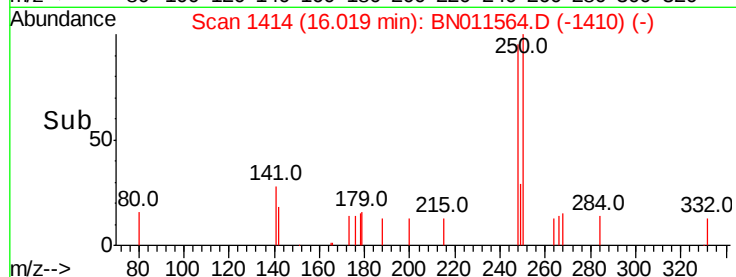
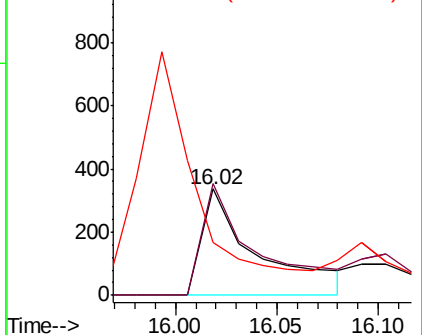
#21
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Instrument :
BNA_N
ClientSampleId :
ICVBN082120

Tot Ion:248 Resp: 640
Ion Ratio Lower Upper
248 100
250 105.1 83.8 125.8
141 49.7 41.0 61.6

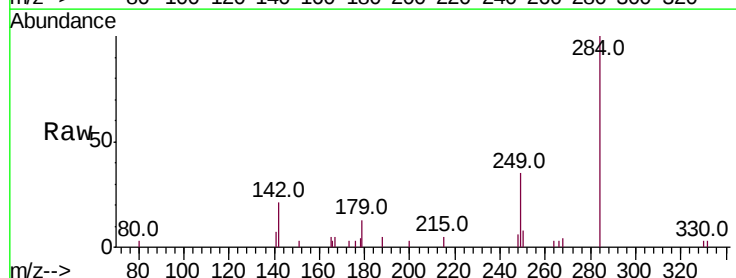


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

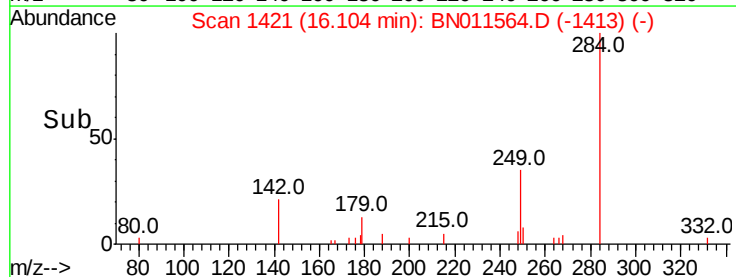
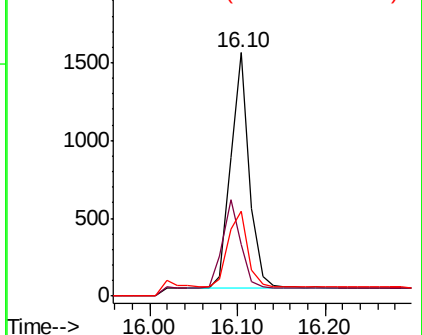


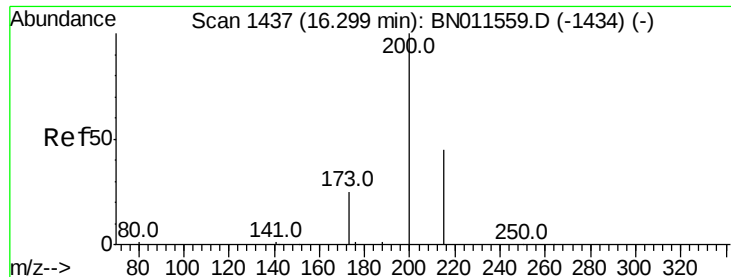
#22
Hexachlorobenzene
Concen: 0.365 ng
RT: 16.10 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BN011564.D
Acq: 21 Aug 2020 20:37

Tgt Ion:284 Resp: 2242
Ion Ratio Lower Upper
284 100
142 37.6 29.7 44.5
249 34.1 26.8 40.2



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





#23

Atrazine

Concen: 0.253 ng

RT: 16.30 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

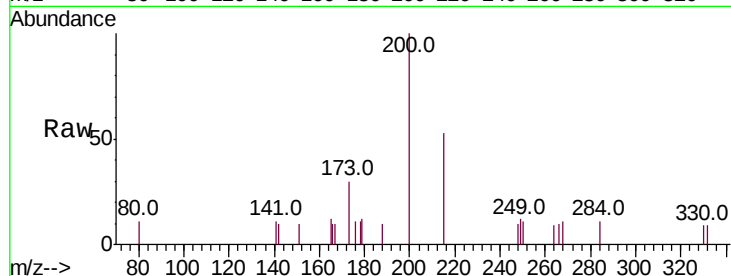
Tot Ion:200 Resp: 1049

Ion Ratio Lower Upper

200 100

173 29.8 27.7 41.5

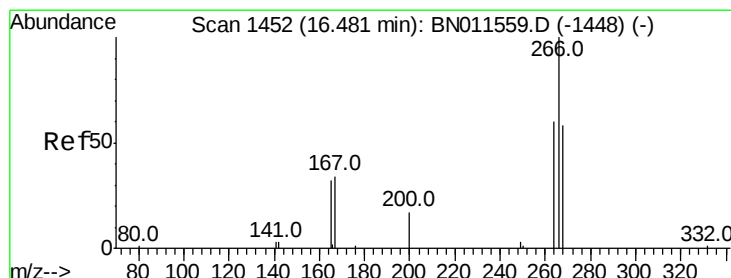
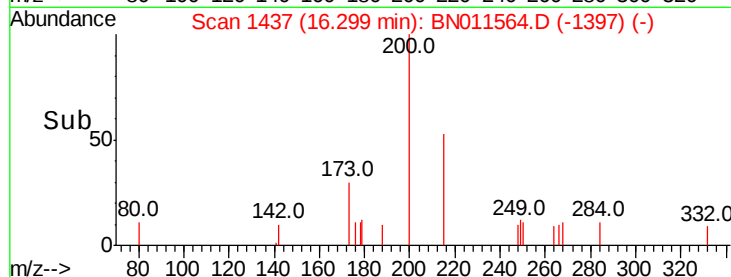
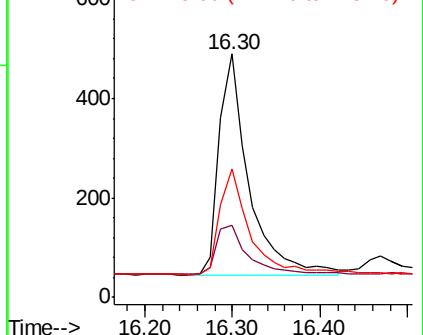
215 52.7 41.5 62.3



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: 0.277 ng

RT: 16.47 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

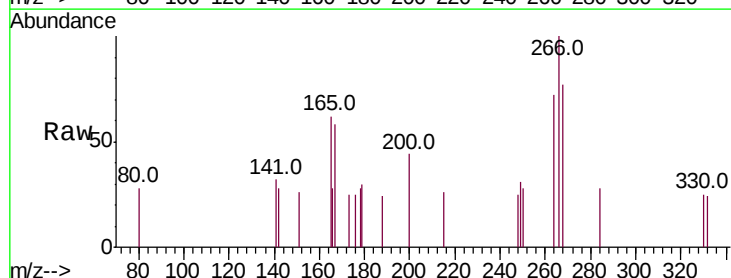
Tgt Ion:266 Resp: 530

Ion Ratio Lower Upper

266 100

264 66.6 48.7 73.1

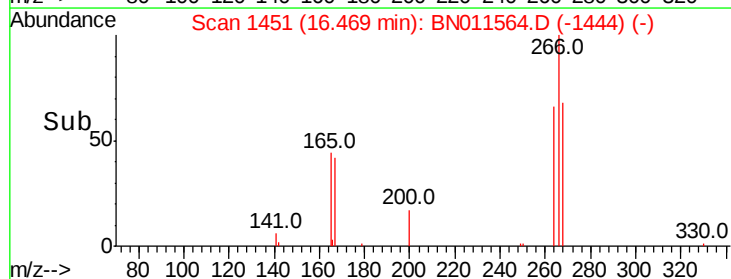
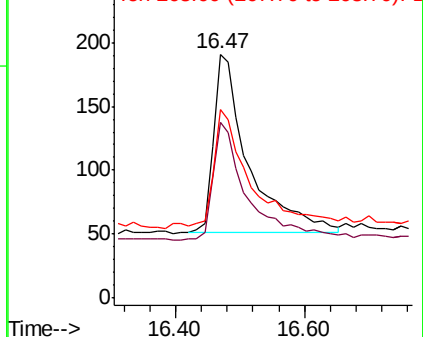
268 67.7 51.0 76.6

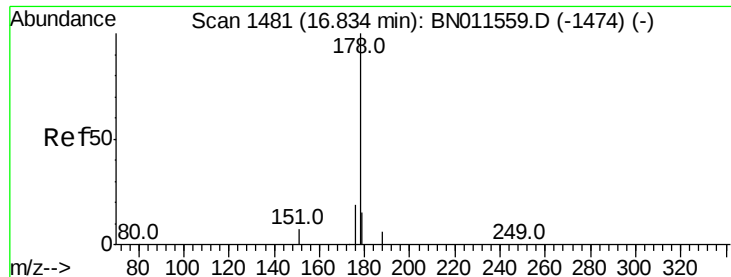


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.356 ng

RT: 16.83 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

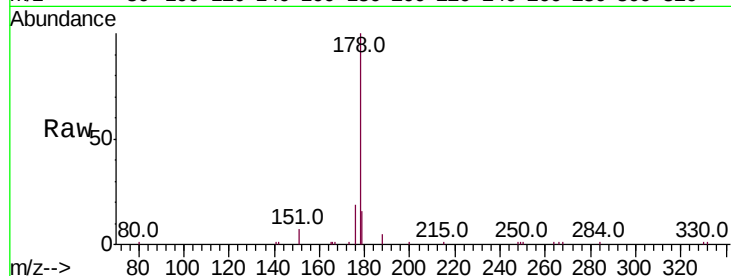
Tot Ion:178 Resp: 8928

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

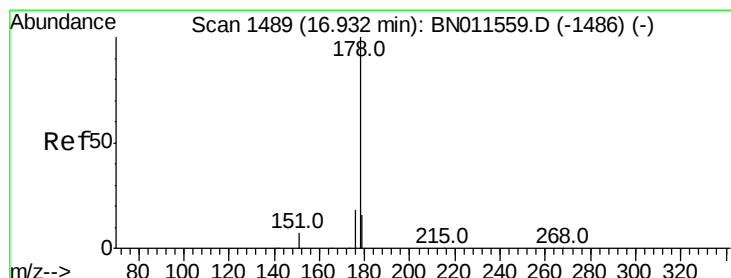
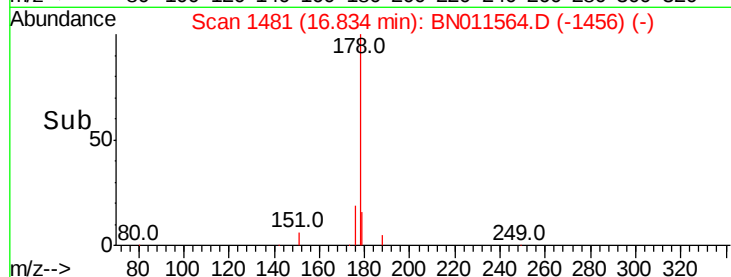
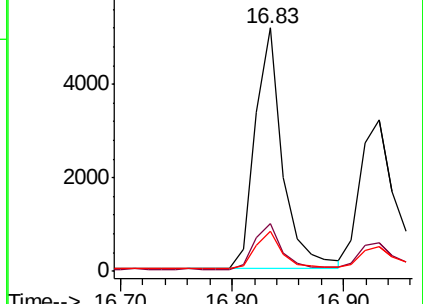
179 15.6 12.3 18.5



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: 0.341 ng

RT: 16.93 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

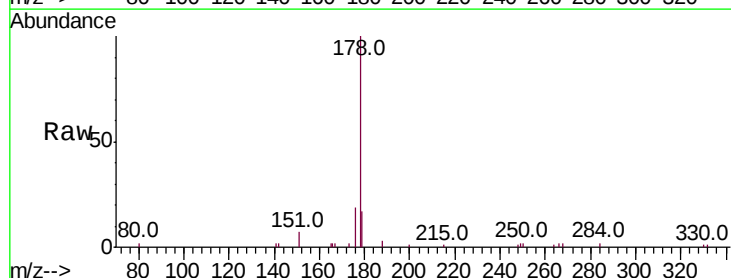
Tgt Ion:178 Resp: 7145

Ion Ratio Lower Upper

178 100

176 18.5 14.4 21.6

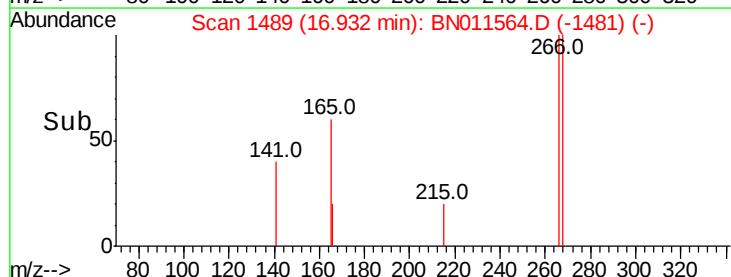
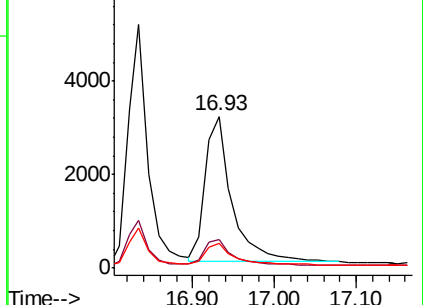
179 15.3 12.9 19.3

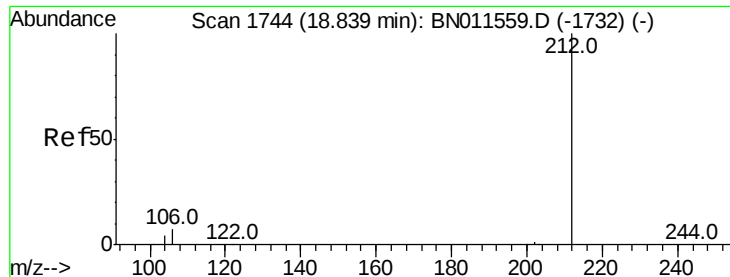


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

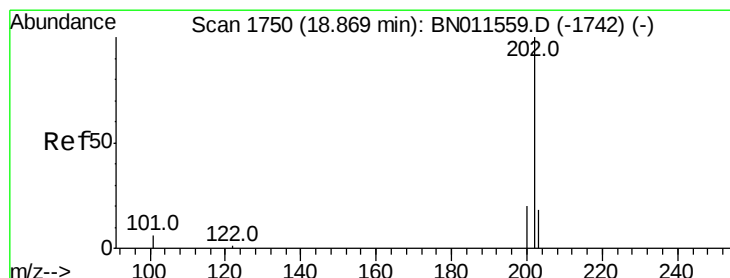
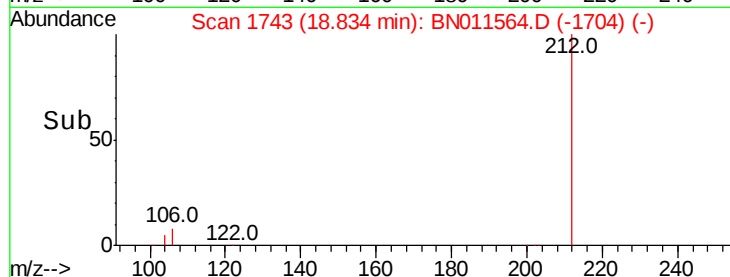
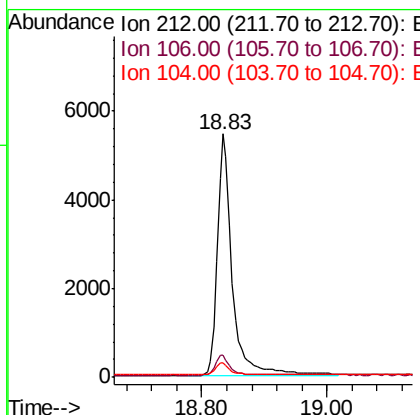
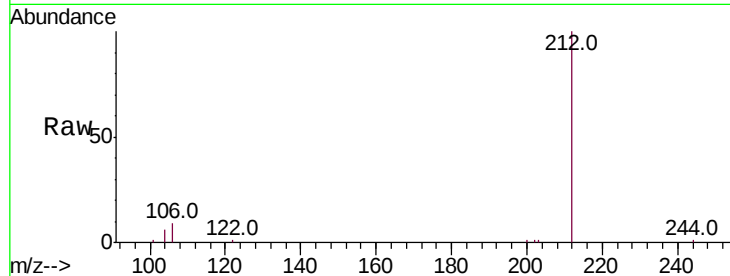




#27
 Fluoranthene-d10
 Concen: 0.336 ng
 RT: 18.83 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BN011564.D
 Acq: 21 Aug 2020 20:37

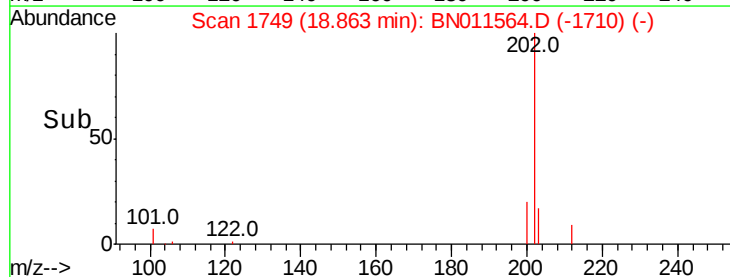
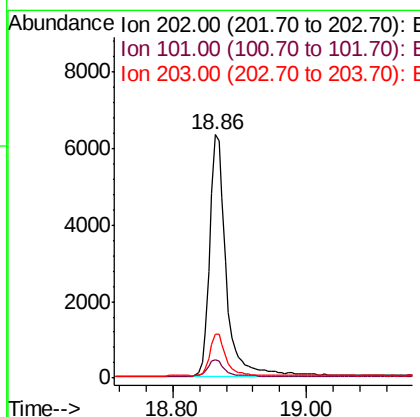
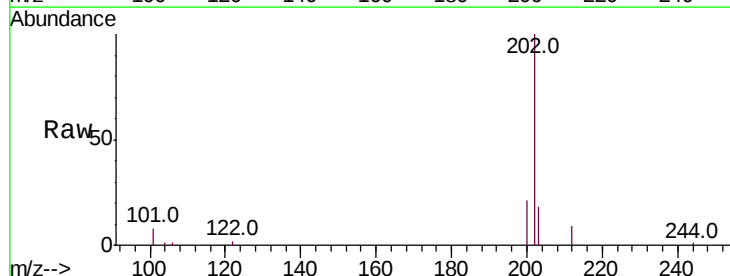
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082120

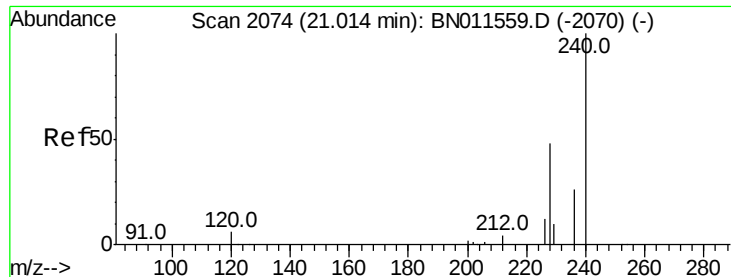
Tot Ion:212 Resp: 9020
 Ion Ratio Lower Upper
 212 100
 106 8.3 6.2 9.2
 104 4.7 3.8 5.6



#28
 Fluoranthene
 Concen: 0.336 ng
 RT: 18.86 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BN011564.D
 Acq: 21 Aug 2020 20:37

Tgt Ion:202 Resp: 10839
 Ion Ratio Lower Upper
 202 100
 101 6.8 5.2 7.8
 203 16.7 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

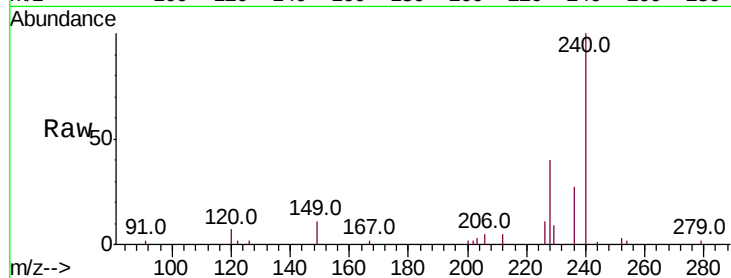
Tot Ion:240 Resp: 7639

Ion Ratio Lower Upper

240 100

120 6.6 7.4 11.0#

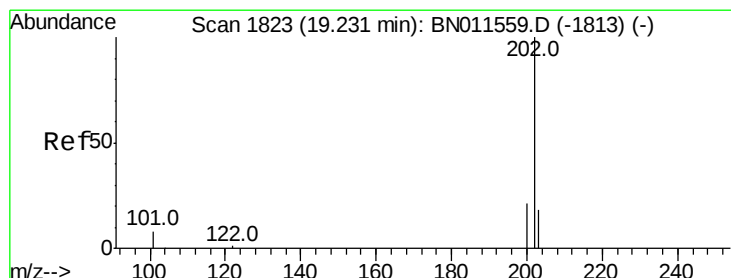
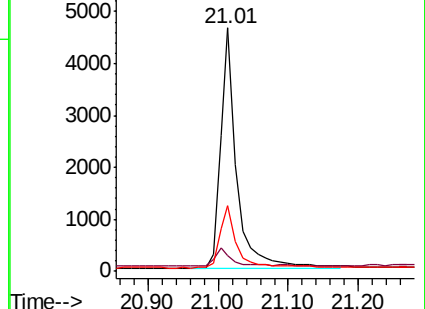
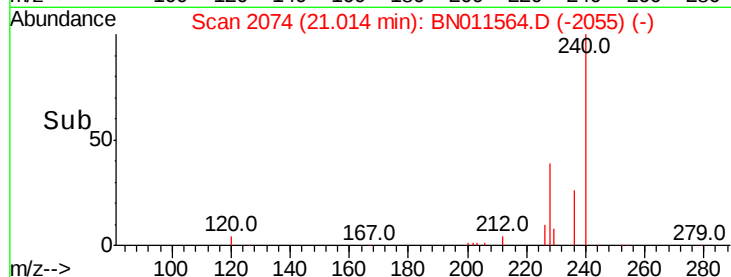
236 27.1 22.3 33.5



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



#30

Pyrene

Concen: 0.347 ng

RT: 19.23 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

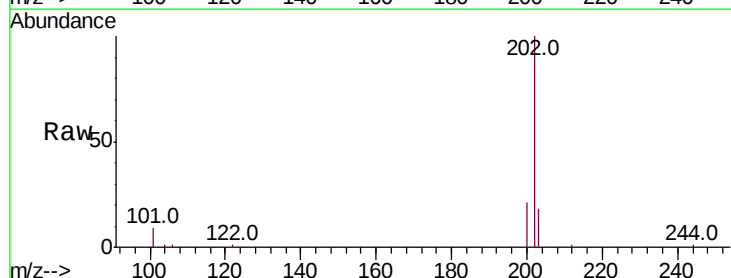
Tgt Ion:202 Resp: 10548

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

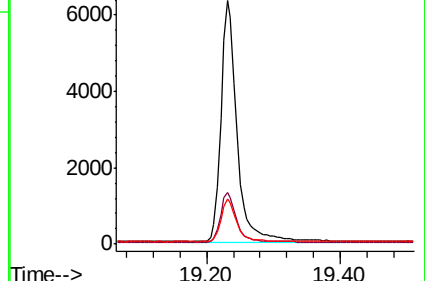
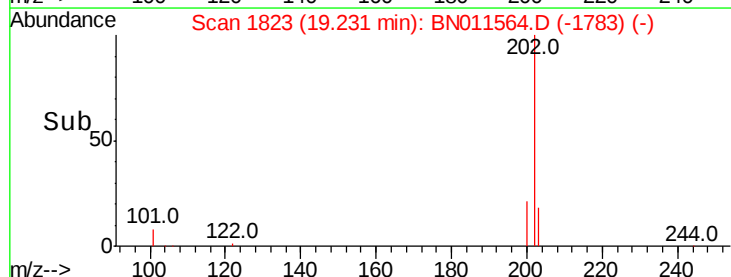
203 18.0 14.2 21.2

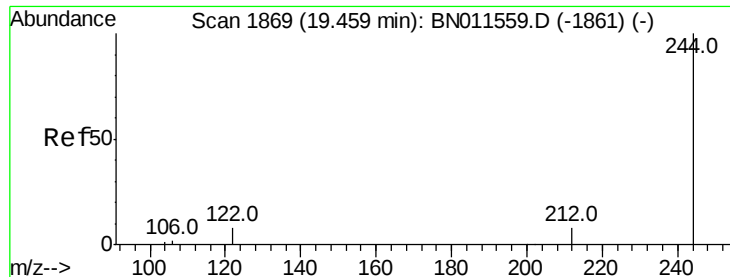


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.345 ng

RT: 19.46 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

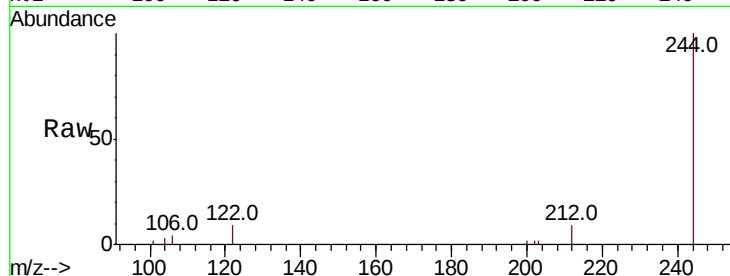
Tot Ion:244 Resp: 6867

Ion Ratio Lower Upper

244 100

212 9.4 8.2 12.4

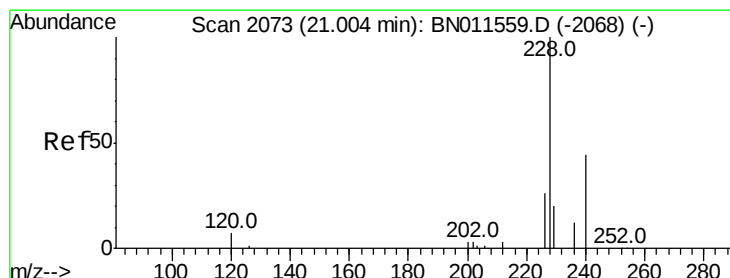
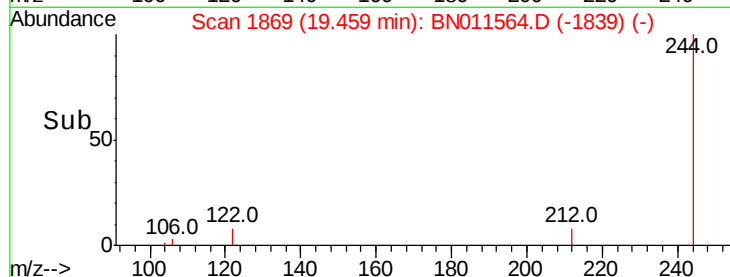
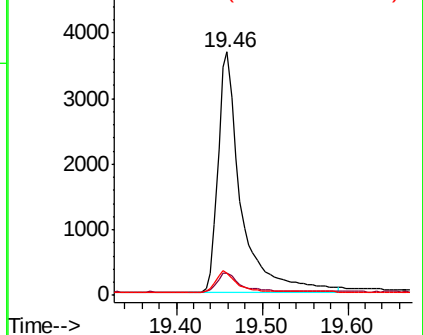
122 9.0 8.0 12.0



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: 0.350 ng

RT: 20.99 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

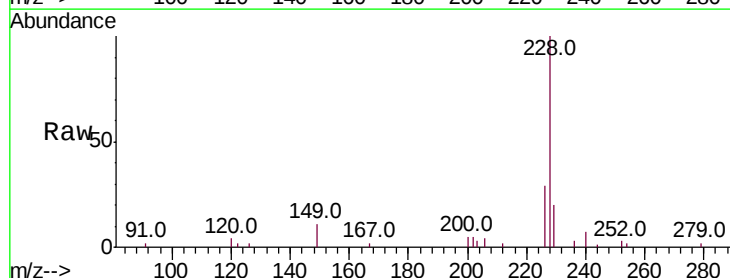
Tgt Ion:228 Resp: 8793

Ion Ratio Lower Upper

228 100

226 29.0 22.2 33.2

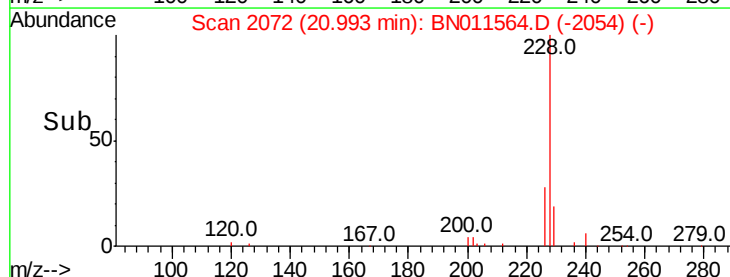
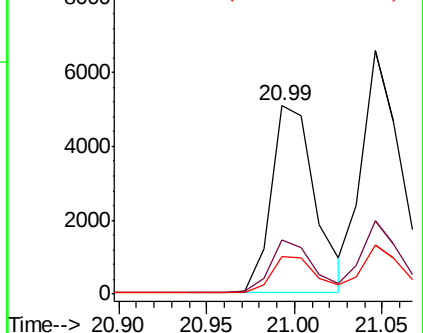
229 19.7 16.9 25.3

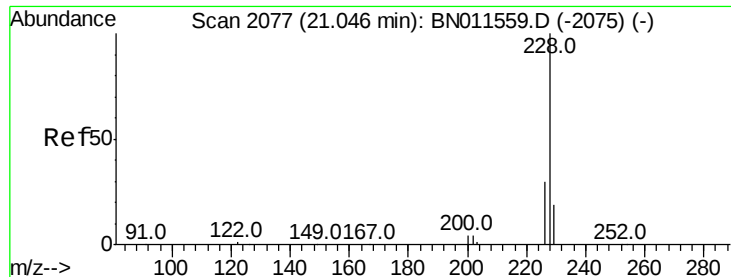


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.377 ng

RT: 21.05 min Scan# 2077

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

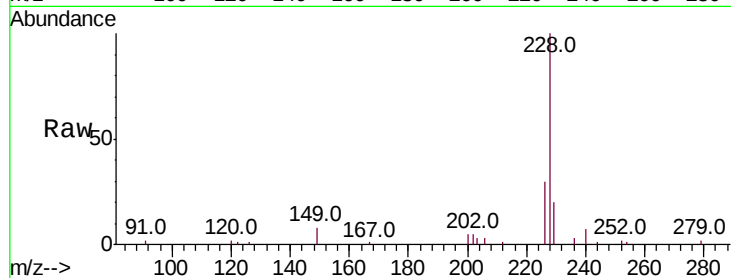
Tot Ion:228 Resp: 10772

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

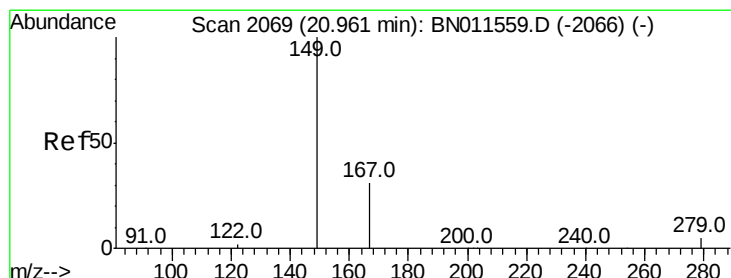
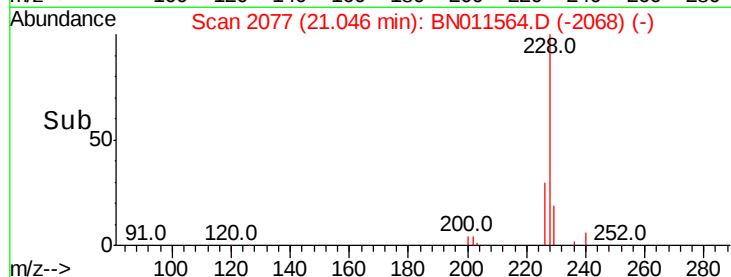
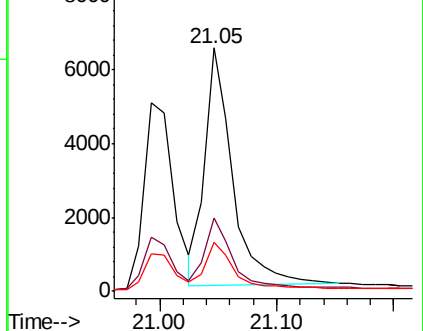
229 20.1 16.2 24.2



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: 0.382 ng

RT: 20.96 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

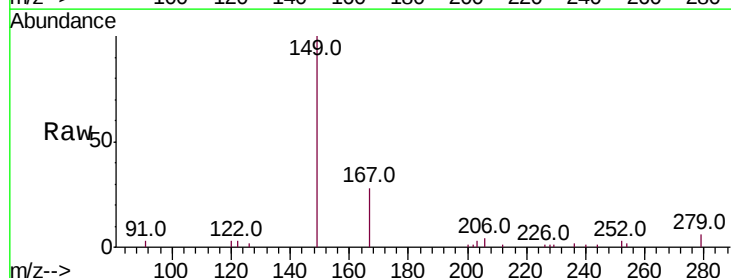
Tgt Ion:149 Resp: 4347

Ion Ratio Lower Upper

149 100

167 28.6 22.8 34.2

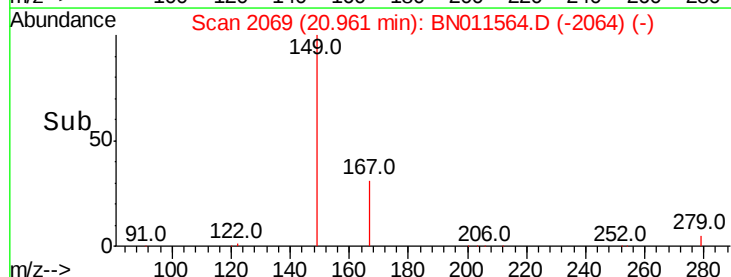
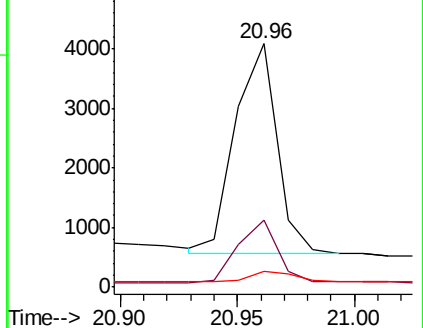
279 5.0 4.2 6.2

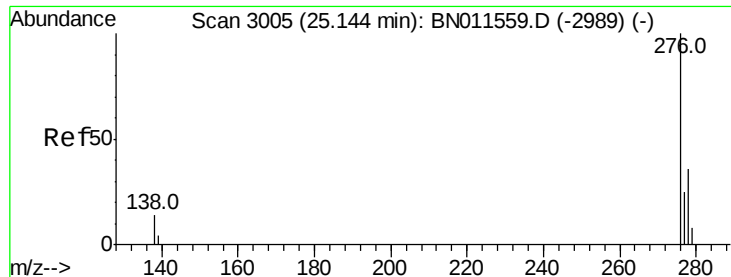


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

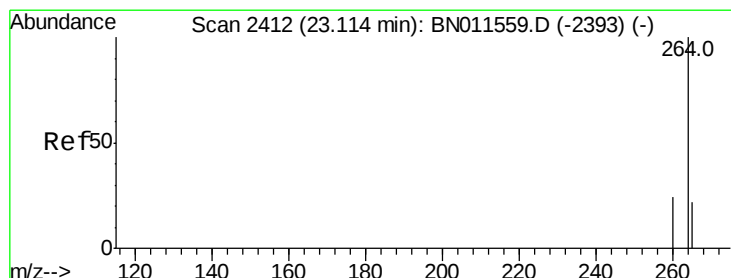
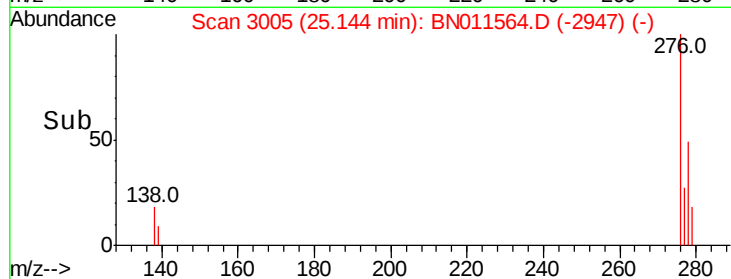
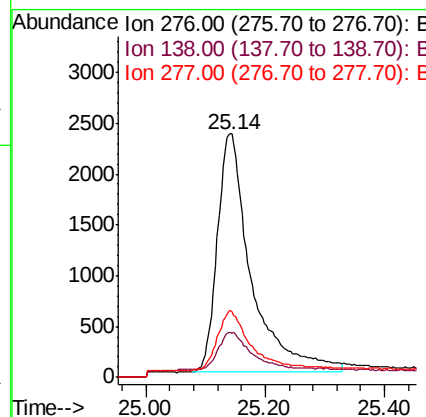
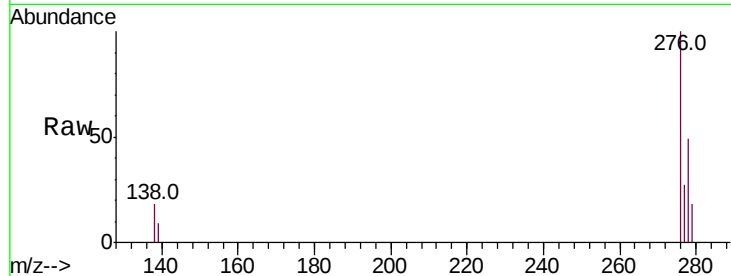




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.357 ng
 RT: 25.14 min Scan# 3005
 Delta R.T. -0.00 min
 Lab File: BN011564.D
 Acq: 21 Aug 2020 20:37

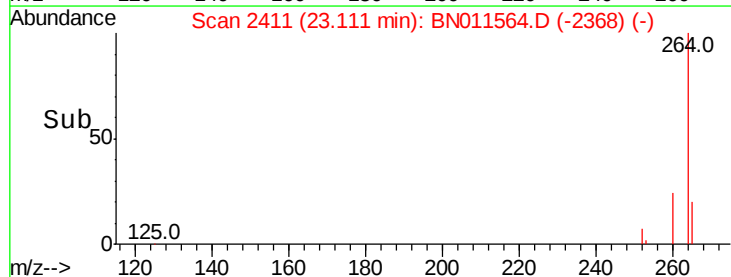
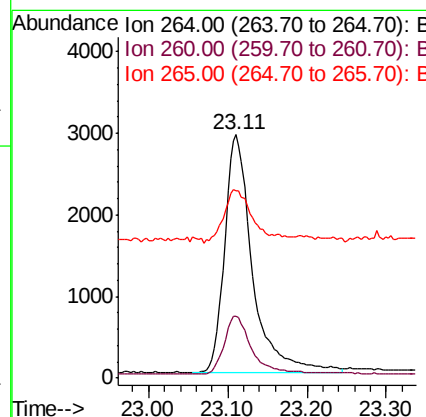
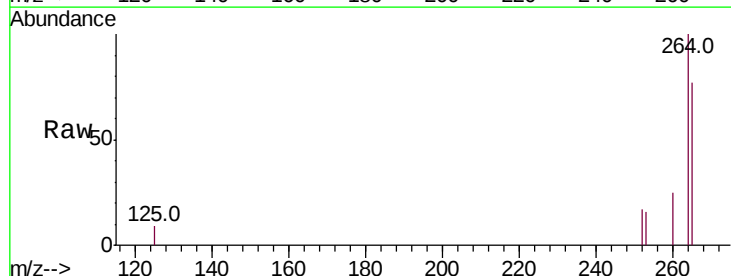
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN082120

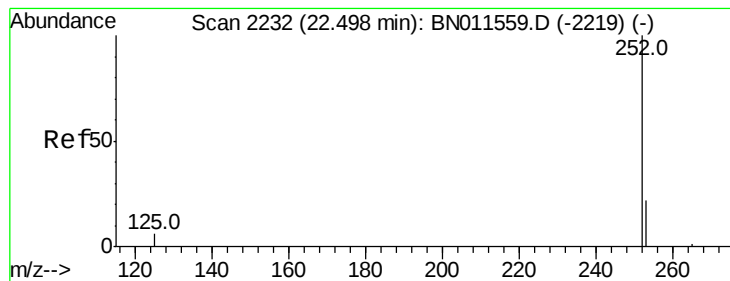
Tot Ion:276 Resp: 9256
 Ion Ratio Lower Upper
 276 100
 138 14.5 11.6 17.4
 277 22.8 18.2 27.4



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BN011564.D
 Acq: 21 Aug 2020 20:37

Tgt Ion:264 Resp: 7093
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.3 30.5
 265 76.8 96.1 144.1#





#37

Benzo(b)fluoranthene

Concen: 0.453 ng

RT: 22.54 min Scan# 2243

Delta R.T. 0.04 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

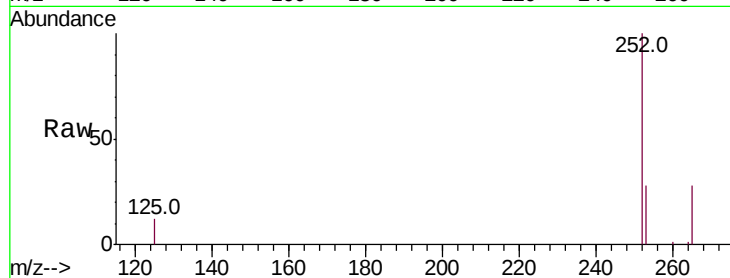
Tot Ion:252 Resp: 11885

Ion Ratio Lower Upper

252 100

253 27.6 25.5 38.3

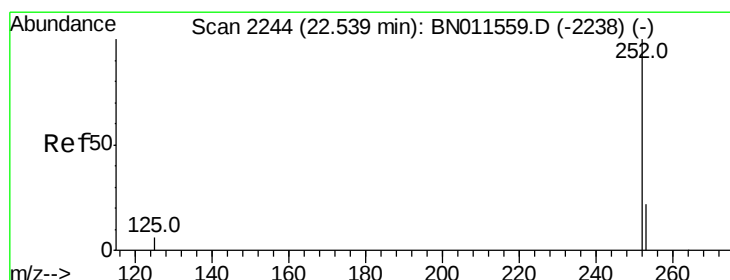
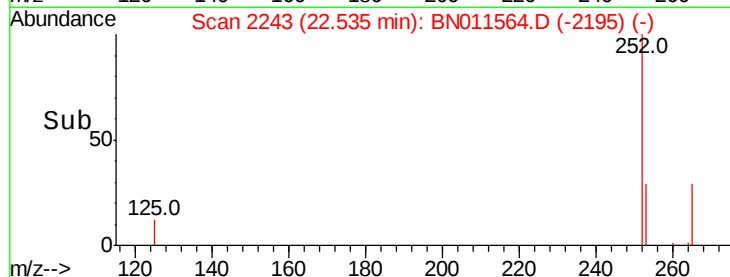
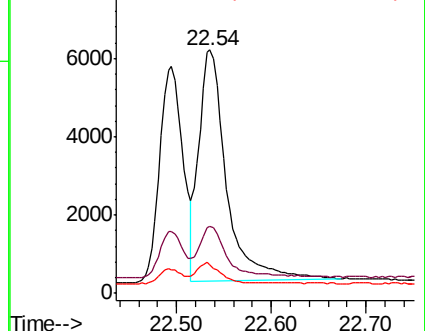
125 11.7 10.2 15.4



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



#38

Benzo(k)fluoranthene

Concen: 0.380 ng

RT: 22.54 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

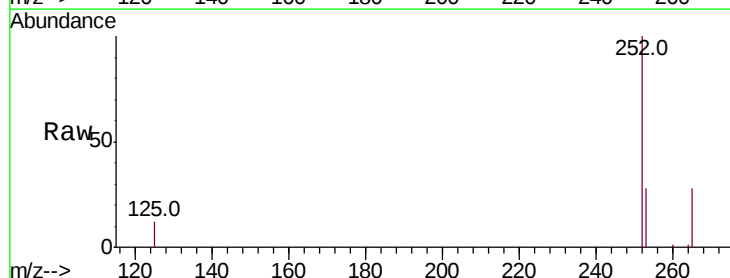
Tgt Ion:252 Resp: 11885

Ion Ratio Lower Upper

252 100

253 27.6 25.8 38.6

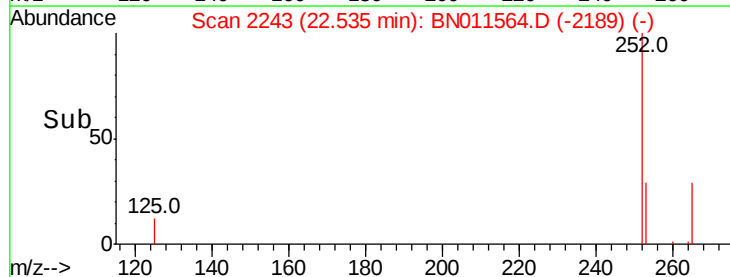
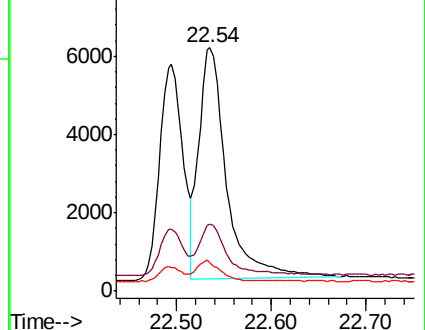
125 11.7 10.8 16.2

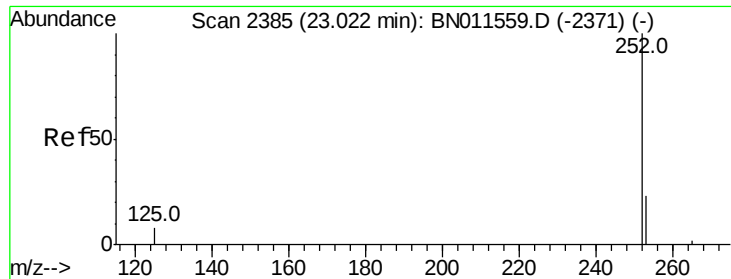


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.353 ng

RT: 23.02 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120

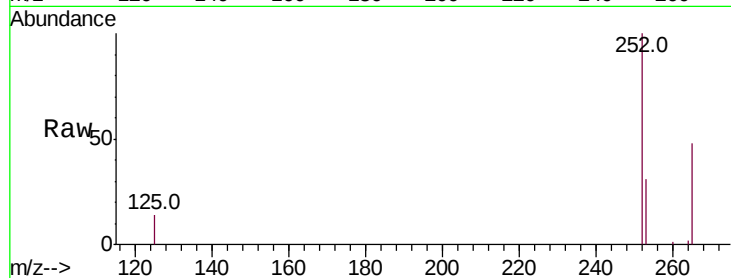
Tot Ion:252 Resp: 8575

Ion Ratio Lower Upper

252 100

253 31.5 31.8 47.8#

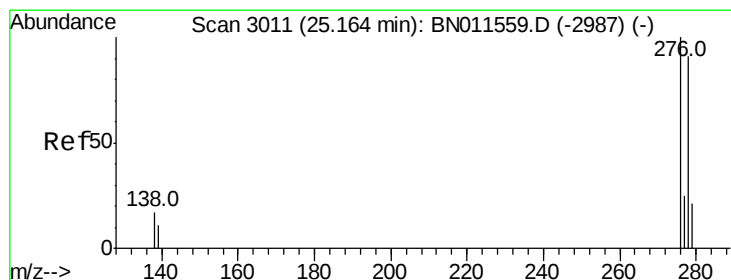
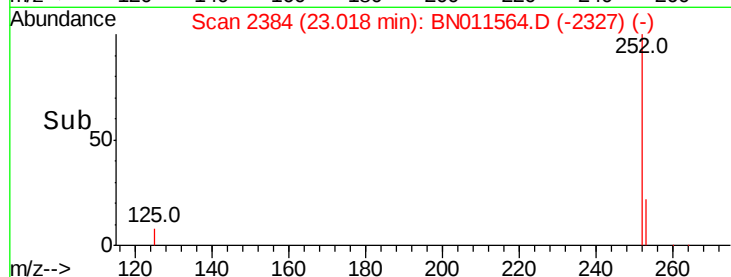
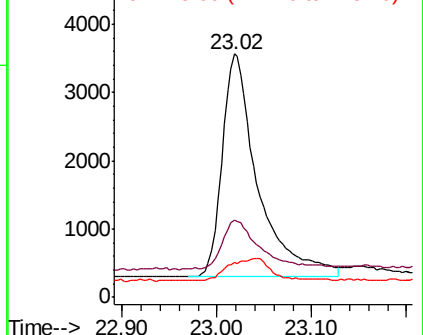
125 14.1 15.4 23.0#



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: 25.16 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BN011564.D

Acq: 21 Aug 2020 20:37

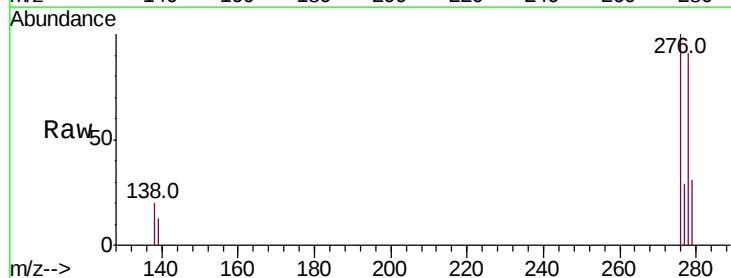
Tgt Ion:278 Resp: 7066

Ion Ratio Lower Upper

278 100

139 14.4 14.0 21.0

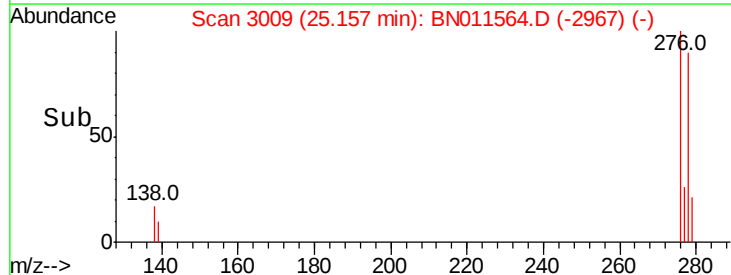
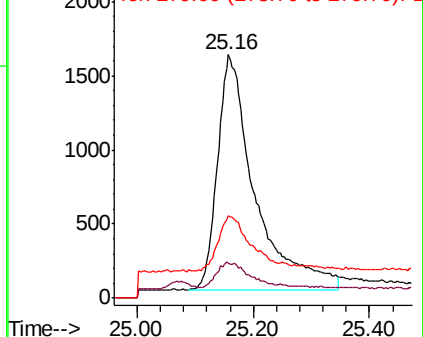
279 33.8 32.4 48.6

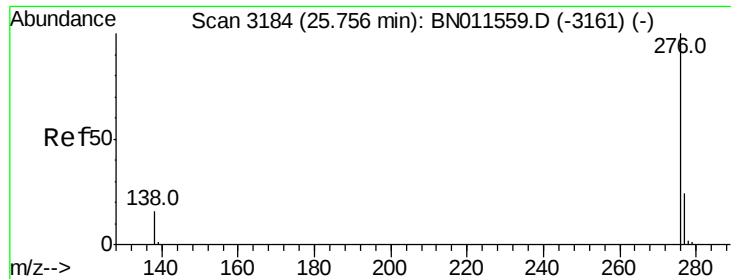


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.335 ng

RT: 25.75 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BN011564.D

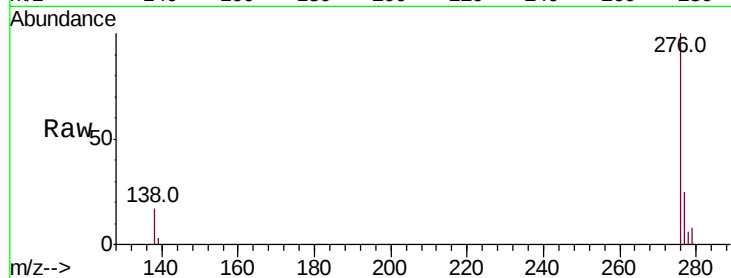
Acq: 21 Aug 2020 20:37

Instrument :

BNA_N

ClientSampleId :

ICVBN082120



Tot Ion:276 Resp: 8106

Ion Ratio Lower Upper

276 100

277 25.3 22.1 33.1

138 17.3 15.4 23.2

