

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011226.D
 Acq On : 22 Jul 2020 20:13
 Operator : CG/JU
 Sample : PB130401BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130401BS

Quant Time: Jul 23 03:56:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 19:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1425	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4972	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	2932	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	6735	0.40	ng	0.00
29) Chrysene-d12	21.09	240	5017	0.40	ng	-0.01
36) Perylene-d12	23.22	264	4701	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1222	0.35	ng	0.00
5) Phenol-d6	6.70	99	1404	0.35	ng	0.00
8) Nitrobenzene-d5	8.64	82	1779	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	2744	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	420	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5121	0.37	ng	0.00
27) Fluoranthene-d10	18.92	212	5962	0.28	ng	0.00
31) Terphenyl-d14	19.54	244	6052	0.46	ng	0.00

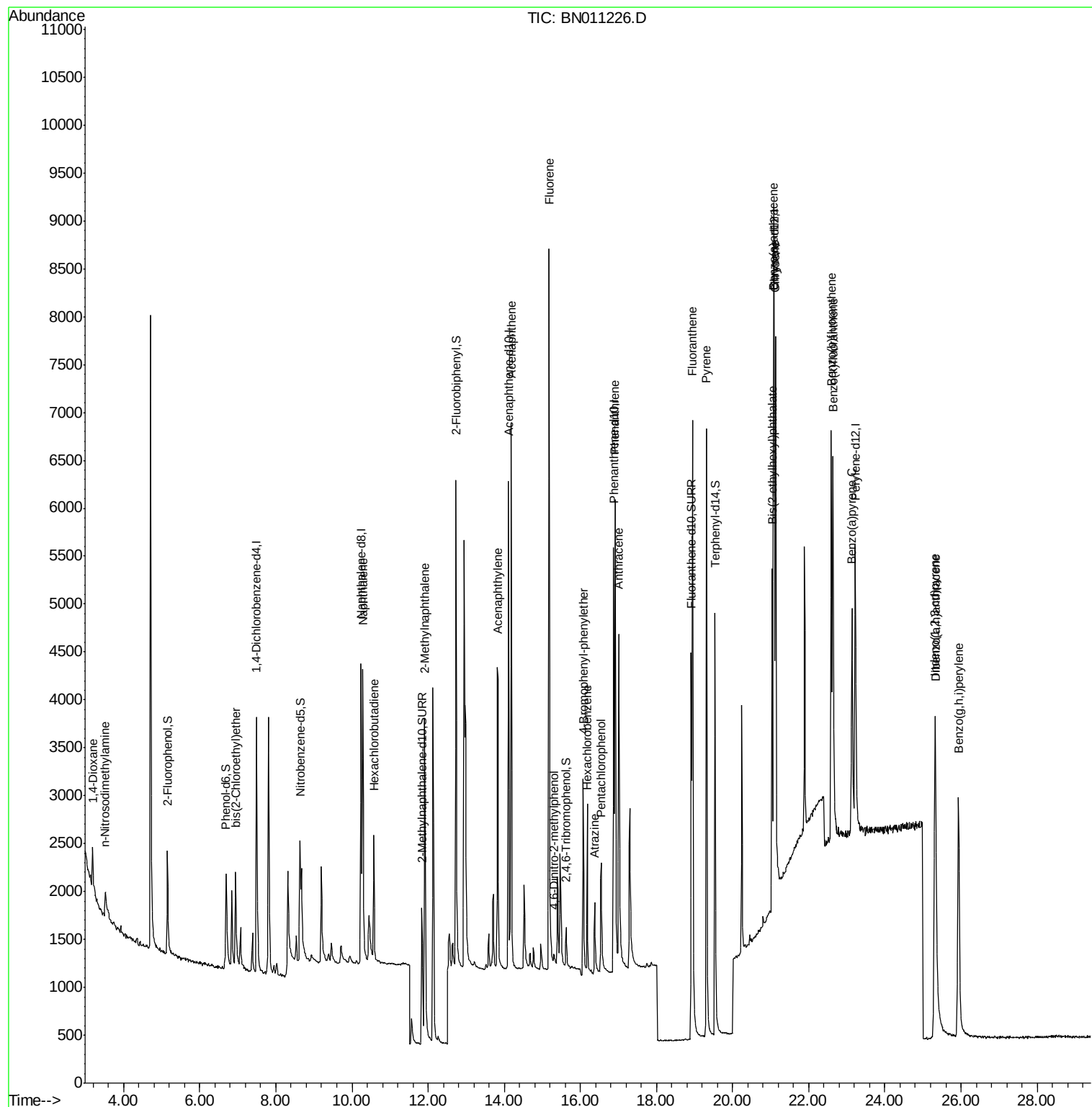
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	404	0.198	ng	# 81
3) n-Nitrosodimethylamine	3.52	42	367	0.358	ng	# 76
6) bis(2-Chloroethyl)ether	6.94	93	1098	0.302	ng	99
9) Naphthalene	10.29	128	4554	0.308	ng	99
10) Hexachlorobutadiene	10.58	225	1039	0.283	ng	# 99
12) 2-Methylnaphthalene	11.91	142	3114	0.335	ng	99
16) Acenaphthylene	13.84	152	4411	0.296	ng	100
17) Acenaphthene	14.18	154	2880	0.289	ng	97
18) Fluorene	15.18	166	3847	0.301	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	219	0.307	ng	90
21) 4-Bromophenyl-phenylether	16.08	248	1235	0.270	ng	93
22) Hexachlorobenzene	16.19	284	1365	0.256	ng	96
23) Atrazine	16.37	200	892	0.278	ng	98
24) Pentachlorophenol	16.54	266	851	0.538	ng	97
25) Phenanthrene	16.91	178	6201	0.287	ng	100
26) Anthracene	17.00	178	5095	0.283	ng	99
28) Fluoranthene	18.95	202	7144	0.275	ng	99
30) Pyrene	19.31	202	7132	0.372	ng	100
32) Benzo(a)anthracene	21.08	228	5039	0.310	ng	99
33) Chrysene	21.13	228	6564	0.330	ng	100
34) Bis(2-ethylhexyl)phthalate	21.04	149	2533	0.378	ng	96
35) Indeno(1,2,3-cd)pyrene	25.31	276	6124	0.281	ng	100
37) Benzo(b)fluoranthene	22.59	252	5456	0.289	ng	98
38) Benzo(k)fluoranthene	22.63	252	6398	0.300	ng	96
39) Benzo(a)pyrene	23.13	252	4774	0.281	ng	93
40) Dibenzo(a,h)anthracene	25.33	278	4626	0.257	ng	93
41) Benzo(g,h,i)perylene	25.93	276	5928	0.300	ng	97

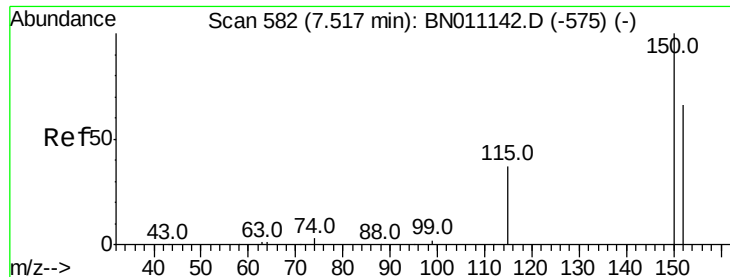
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 23 03:56:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
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QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

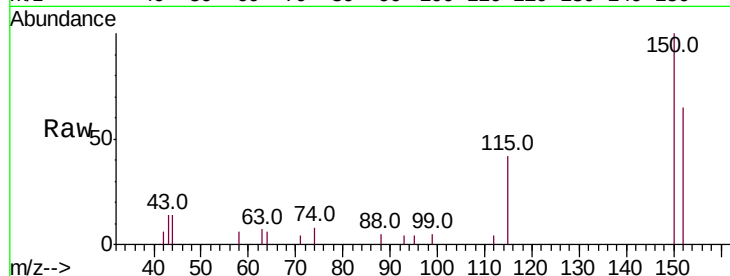
Tot Ion:152 Resp: 1425

Ion Ratio Lower Upper

152 100

150 154.5 119.4 179.0

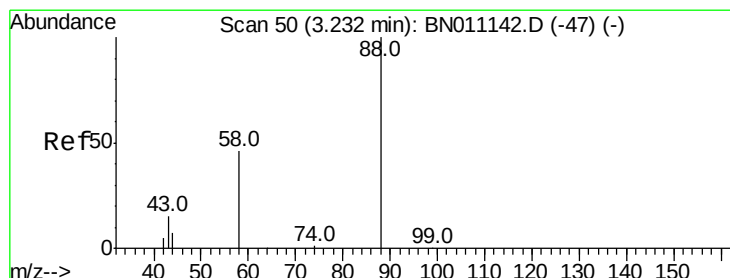
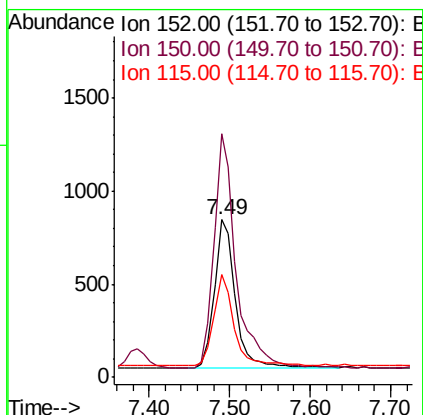
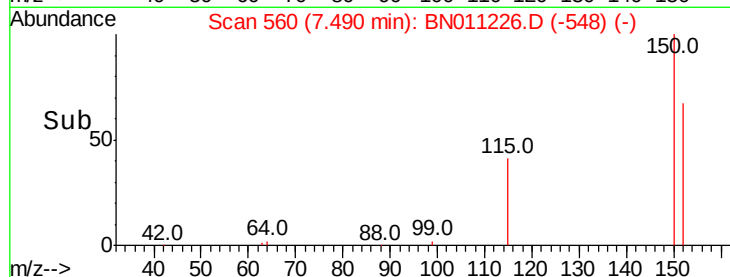
115 65.0 48.3 72.5



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: 0.198 ng

RT: 3.19 min Scan# 26

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

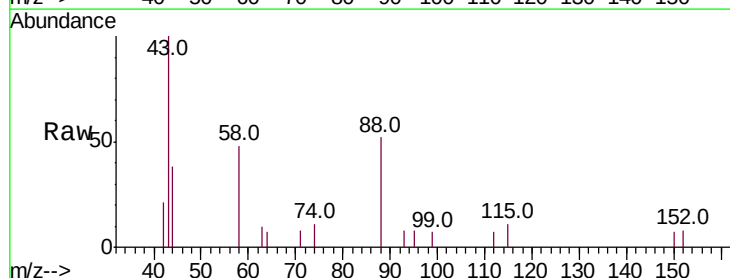
Tgt Ion: 88 Resp: 404

Ion Ratio Lower Upper

88 100

58 52.2 36.5 54.7

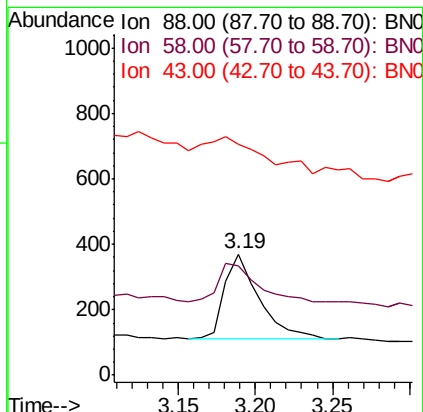
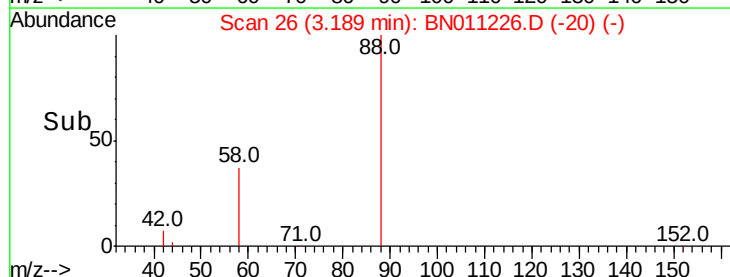
43 0.0 14.3 21.5#

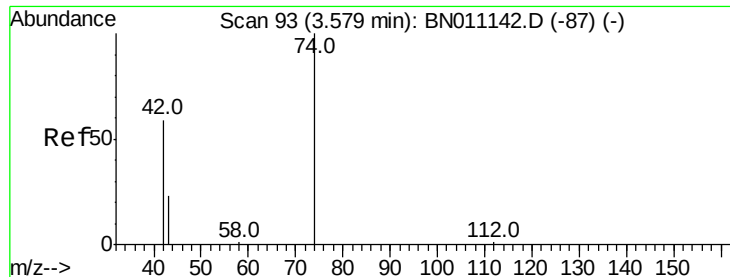


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.358 ng

RT: 3.52 min Scan# 67

Delta R.T. -0.01 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

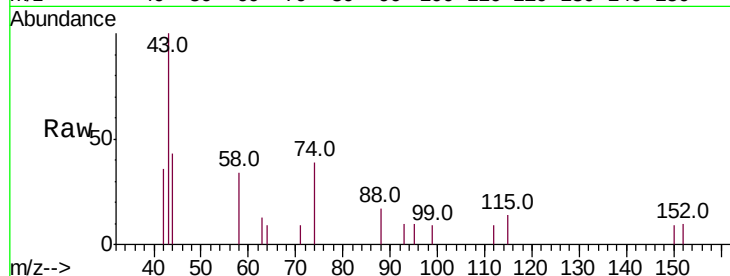
Tot Ion: 42 Resp: 367

Ion Ratio Lower Upper

42 100

74 140.6 140.9 211.3#

44 10.4 7.6 11.4

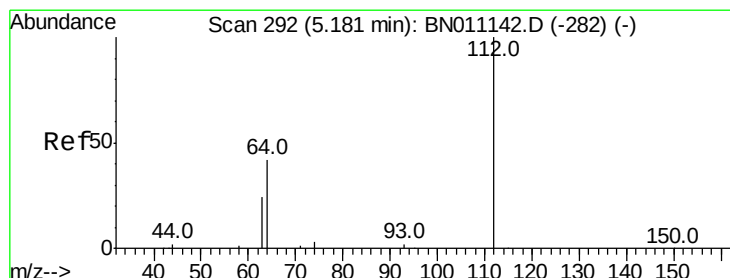
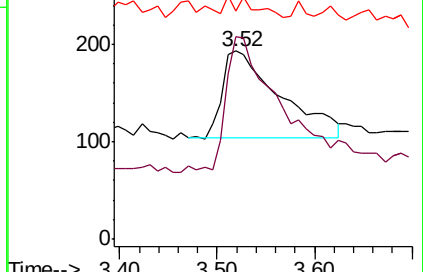
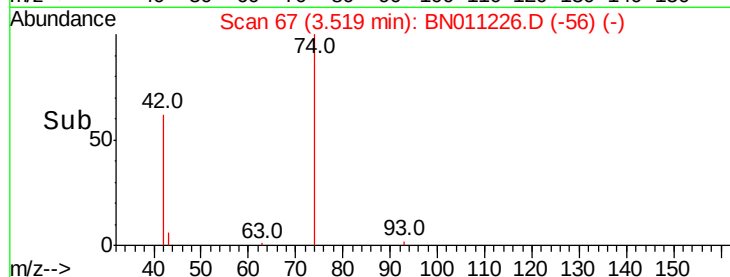


Abundance Ion 42.00 (41.70 to 42.70): BN011142.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN011142.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN011142.D (-87) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.348 ng

RT: 5.15 min Scan# 270

Delta R.T. 0.01 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

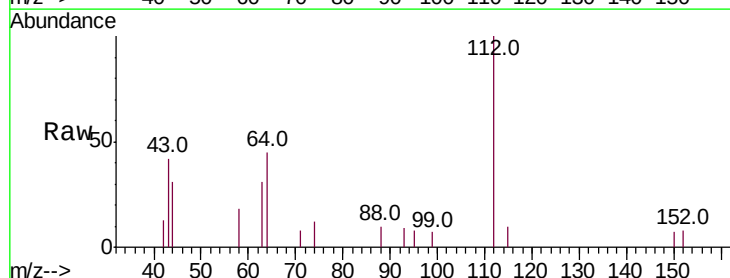
Tgt Ion: 112 Resp: 1222

Ion Ratio Lower Upper

112 100

64 45.8 36.7 55.1

63 27.7 20.4 30.6

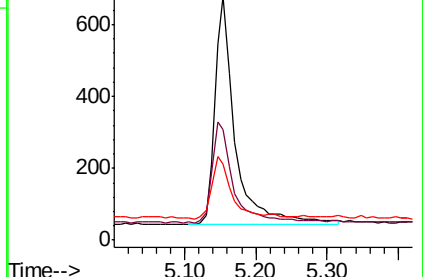
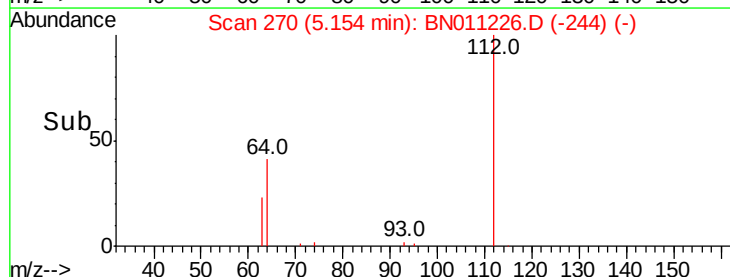


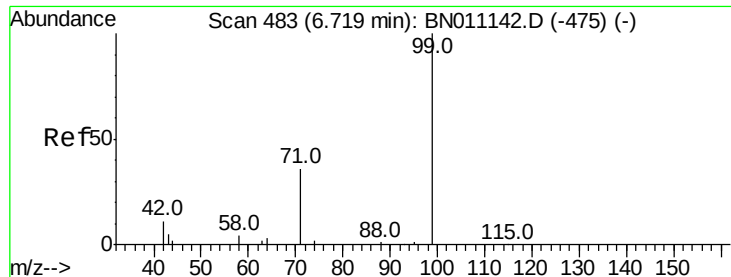
Abundance Ion 112.00 (111.70 to 112.70): BN011142.D (-282) (-)

Ion 64.00 (63.70 to 64.70): BN011142.D (-282) (-)

Ion 63.00 (62.70 to 63.70): BN011142.D (-282) (-)

Time-->





#5

Phenol-d6

Concen: 0.353 ng

RT: 6.70 min Scan# 462

Delta R.T. 0.01 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

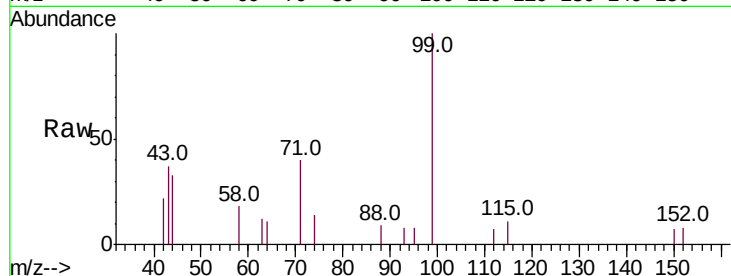
Tot Ion: 99 Resp: 1404

Ion Ratio Lower Upper

99 100

42 16.7 10.8 16.2#

71 38.0 31.3 46.9

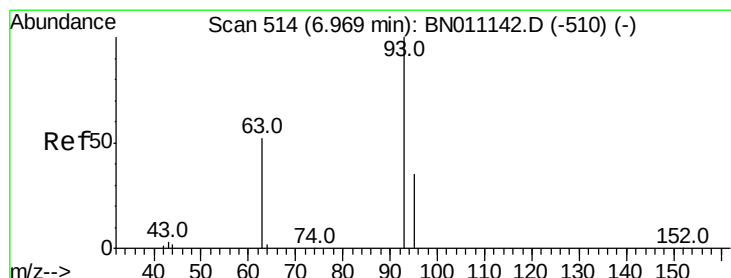
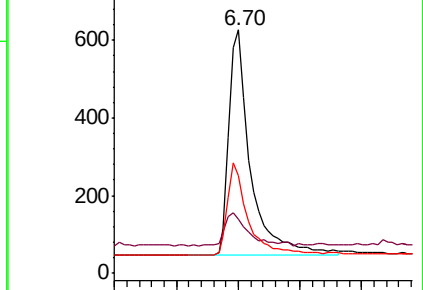
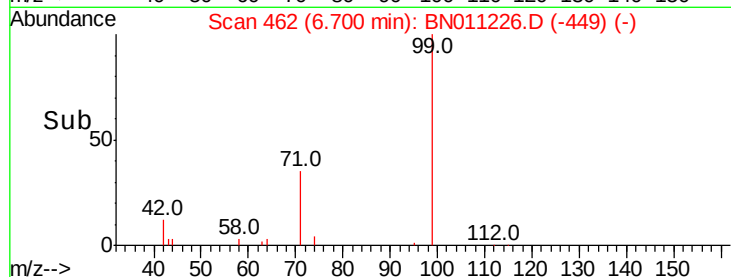


Abundance Ion 99.00 (98.70 to 99.70): BN011142.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011142.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011142.D (-475) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.302 ng

RT: 6.94 min Scan# 492

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

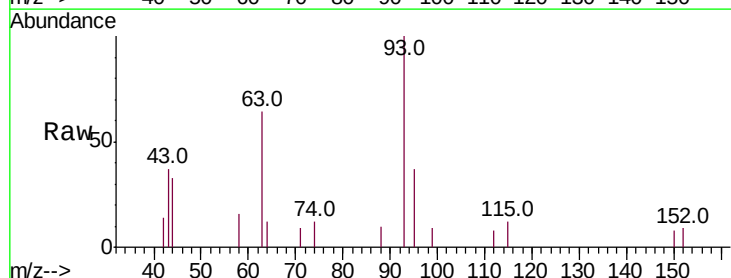
Tgt Ion: 93 Resp: 1098

Ion Ratio Lower Upper

93 100

63 58.8 47.4 71.0

95 36.5 28.1 42.1

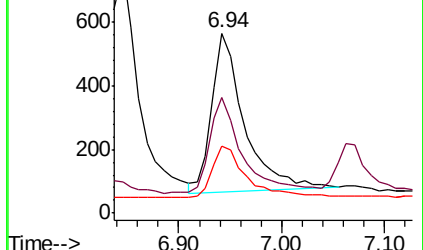
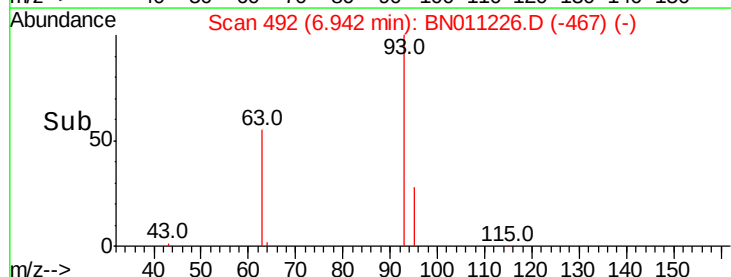


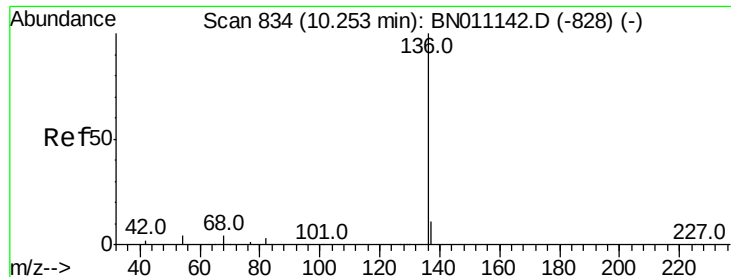
Abundance Ion 93.00 (92.70 to 93.70): BN011142.D (-510) (-)

Ion 63.00 (62.70 to 63.70): BN011142.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011142.D (-510) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

Tot Ion:136 Resp: 4972

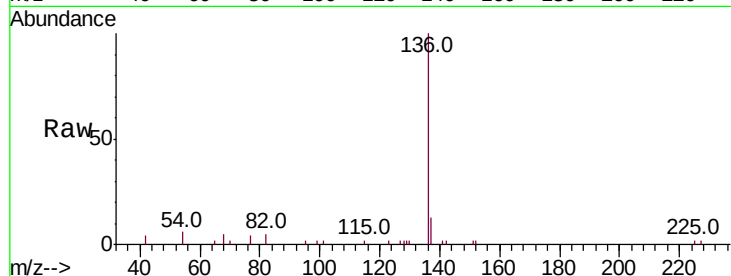
Ion Ratio Lower Upper

136 100

137 12.5 10.3 15.5

54 5.7 4.9 7.3

68 5.5 4.9 7.3

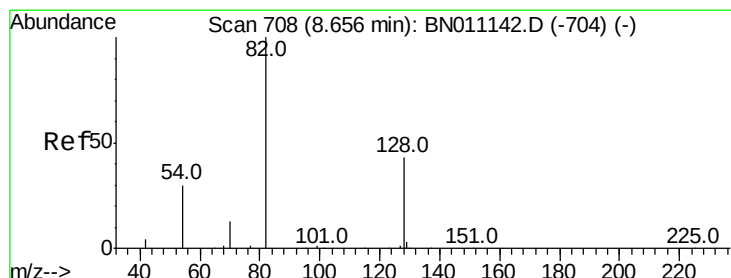
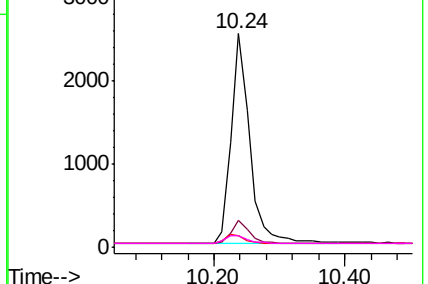
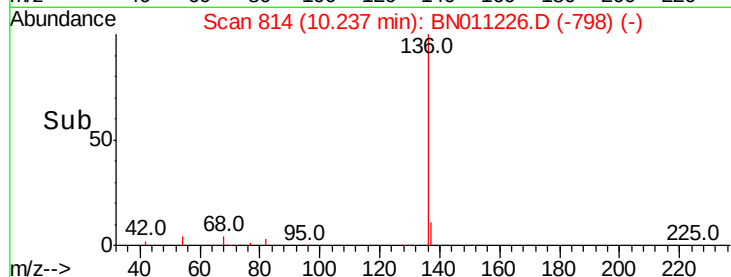


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 8.64 min Scan# 688

Delta R.T. 0.01 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

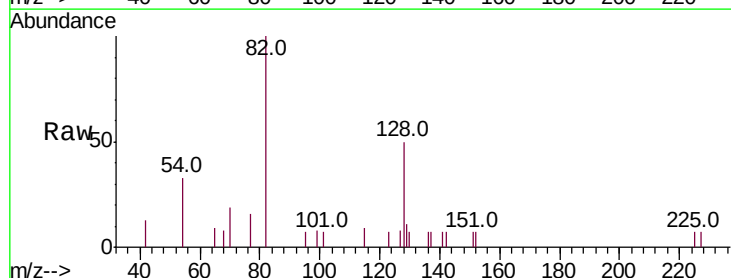
Tgt Ion: 82 Resp: 1779

Ion Ratio Lower Upper

82 100

128 50.0 38.1 57.1

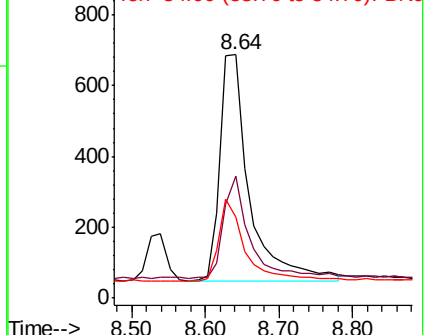
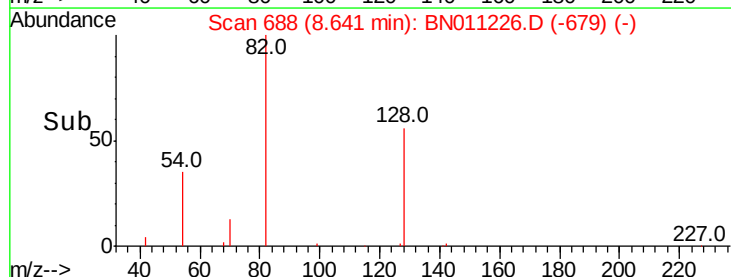
54 33.3 27.1 40.7

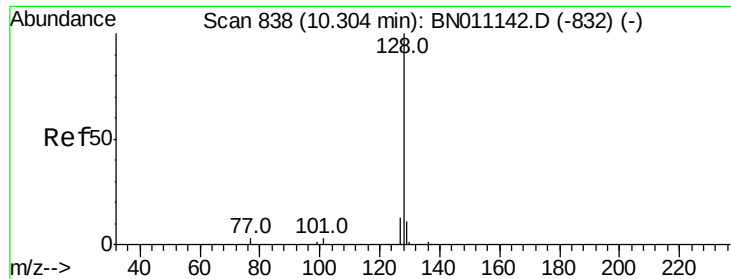


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.308 ng

RT: 10.29 min Scan# 818

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

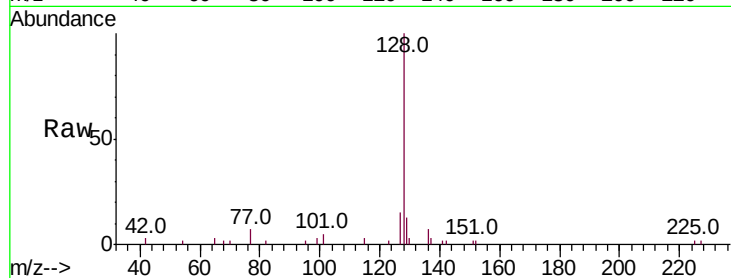
Tot Ion:128 Resp: 4554

Ion Ratio Lower Upper

128 100

129 12.7 9.8 14.6

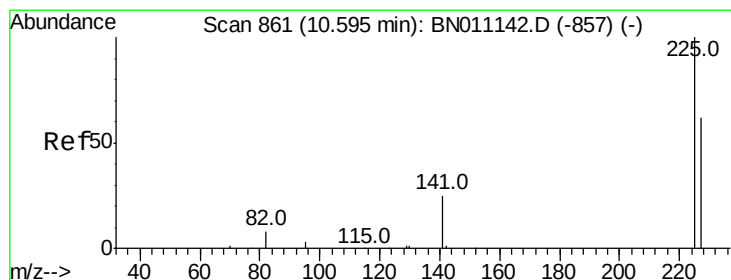
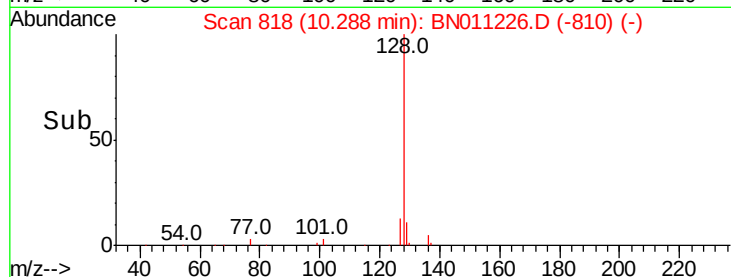
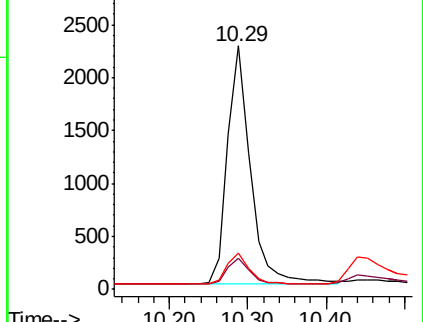
127 14.7 11.8 17.6



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: 0.283 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

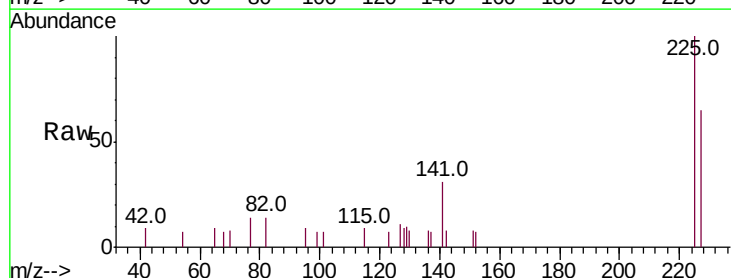
Tgt Ion:225 Resp: 1039

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

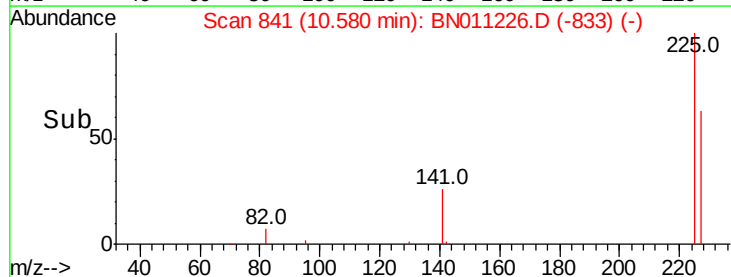
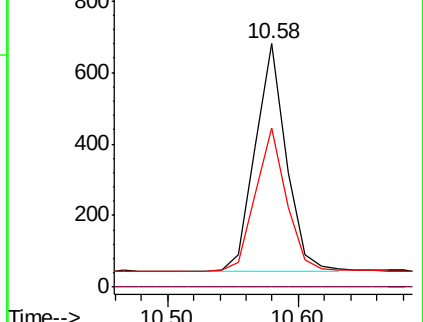
227 62.8 51.2 76.8

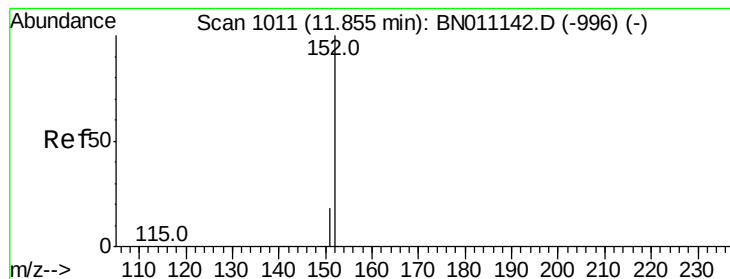


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.340 ng

RT: 11.84 min Scan# 987

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

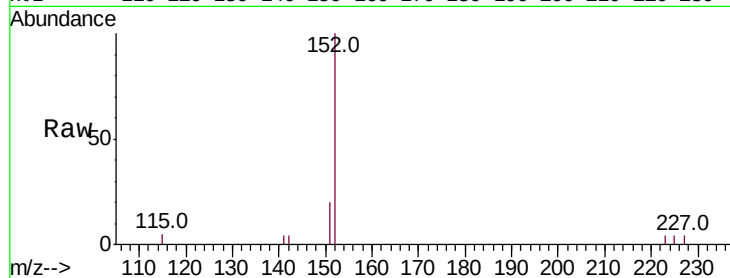
PB130401BS

Tot Ion:152 Resp: 2744

Ion Ratio Lower Upper

152 100

151 18.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.84

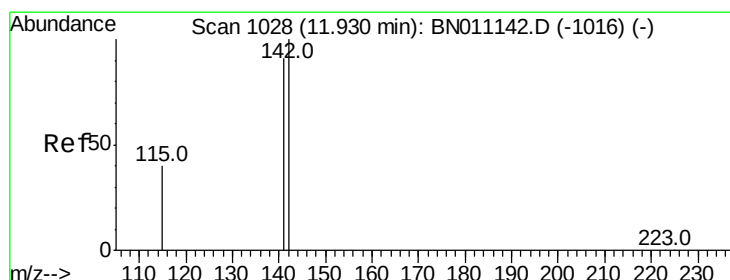
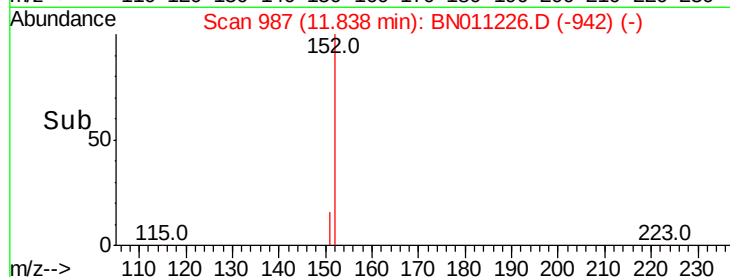
1000

500

0

Time-->

11.70 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.335 ng

RT: 11.91 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

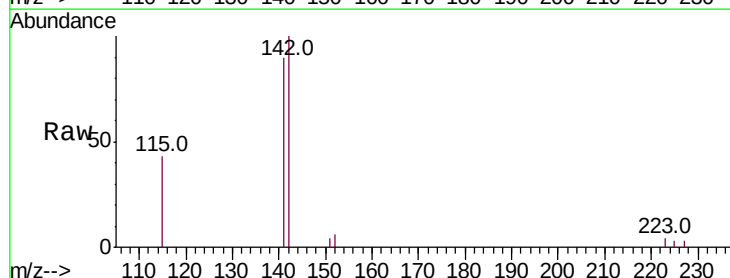
Tgt Ion:142 Resp: 3114

Ion Ratio Lower Upper

142 100

141 90.4 72.7 109.1

115 42.5 33.8 50.6



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

2000

1500

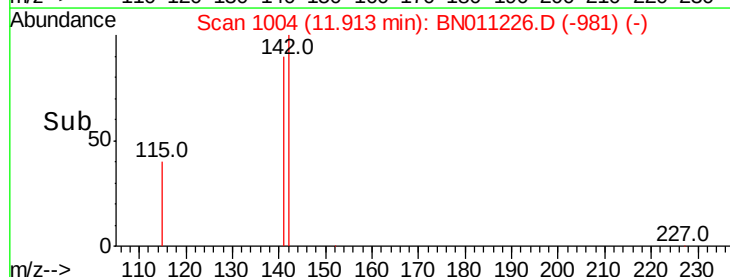
1000

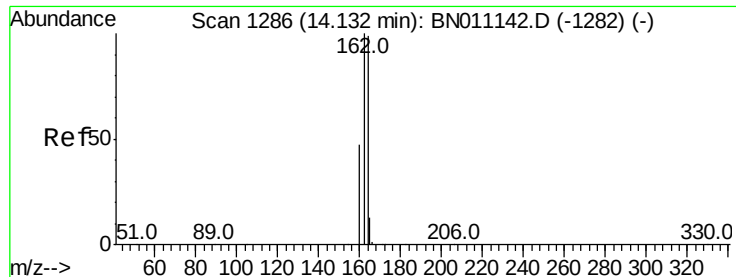
500

0

Time-->

11.80 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

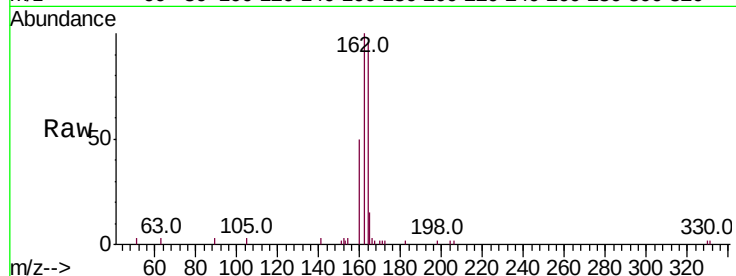
BNA_N

ClientSampleId :

PB130401BS

Tot Ion:164 Resp: 2932

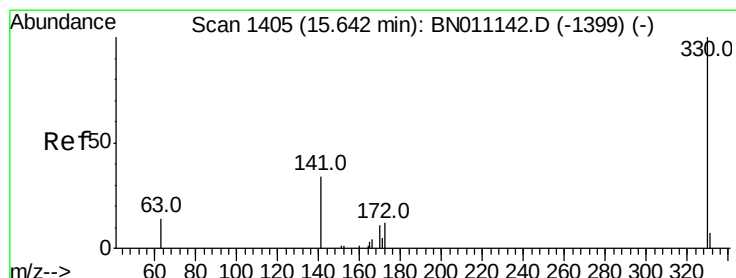
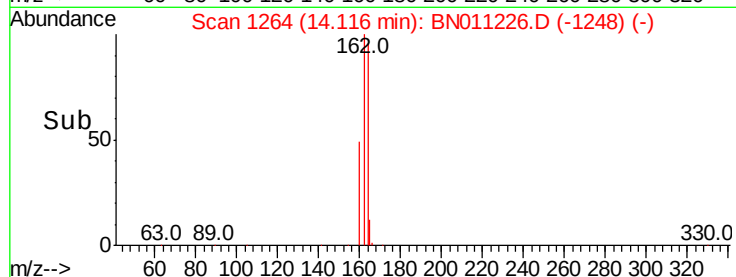
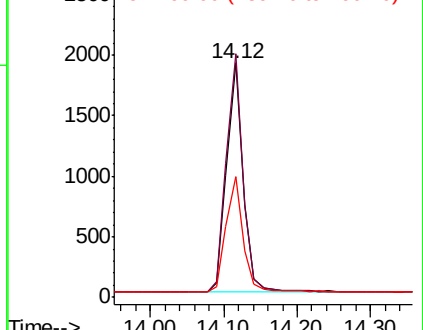
Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.0	121.4
160	51.7	39.0	58.6



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: 0.323 ng

RT: 15.63 min Scan# 1383

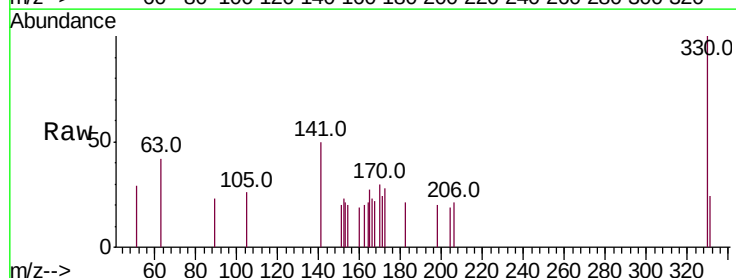
Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Tgt Ion:330 Resp: 420

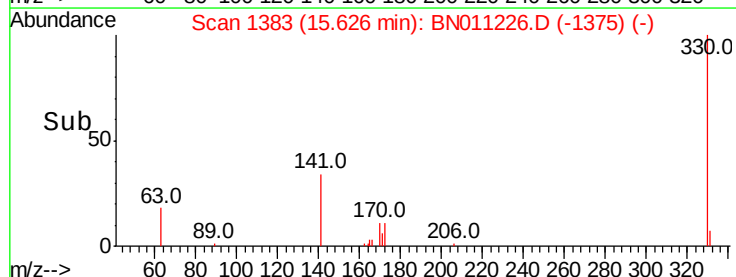
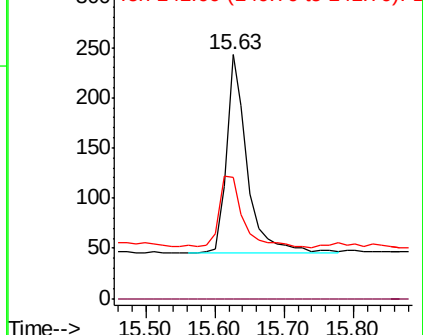
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.2	31.5	47.3

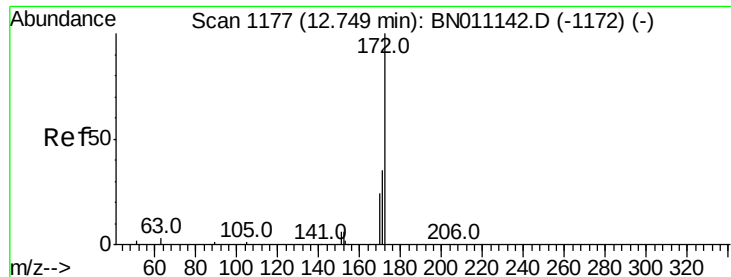


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

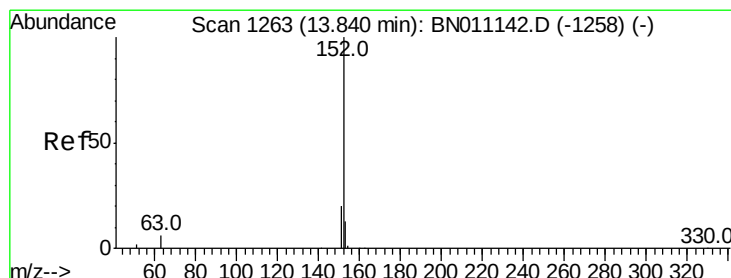
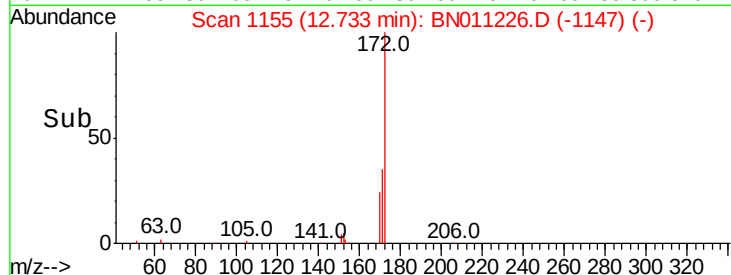
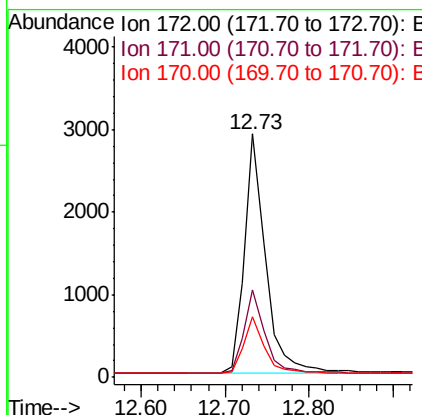
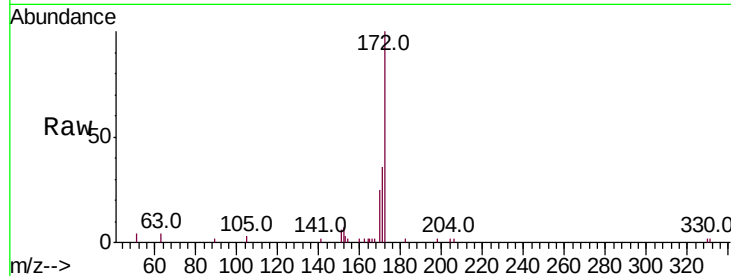




#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

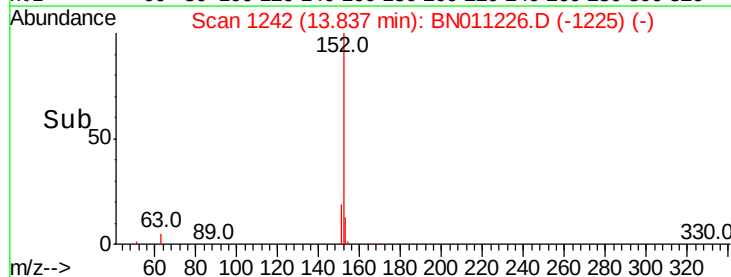
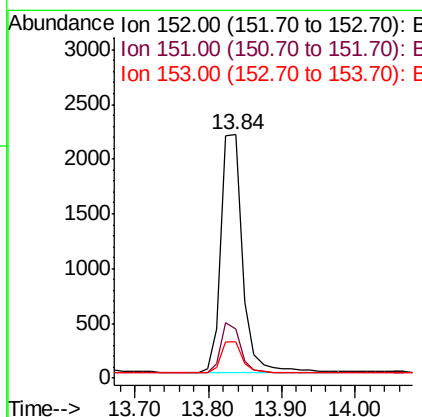
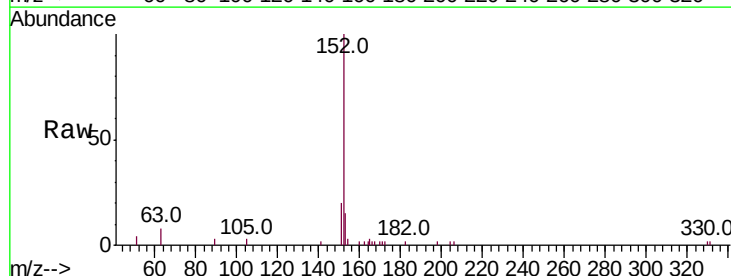
Instrument :
BNA_N
ClientSampleId :
PB130401BS

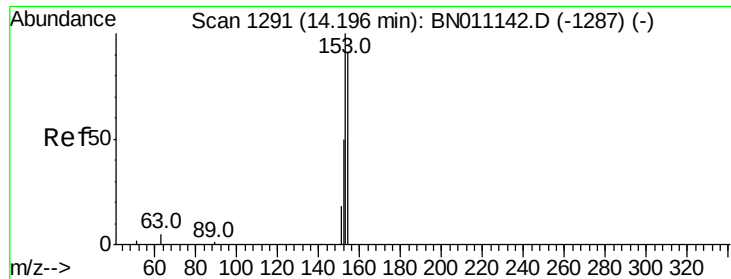
Tot Ion:172 Resp: 5121
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.8 20.3 30.5



#16
Acenaphthylene
Concen: 0.296 ng
RT: 13.84 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:152 Resp: 4411
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.289 ng

RT: 14.18 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

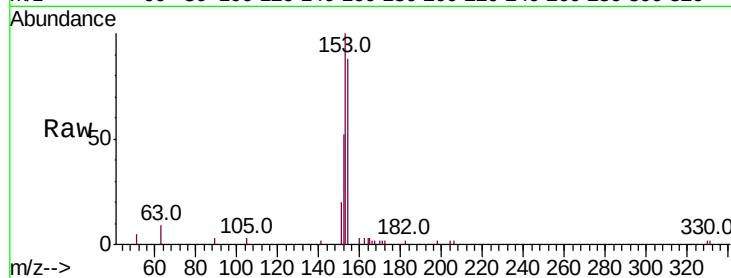
Tot Ion:154 Resp: 2880

Ion Ratio Lower Upper

154 100

153 116.4 91.3 136.9

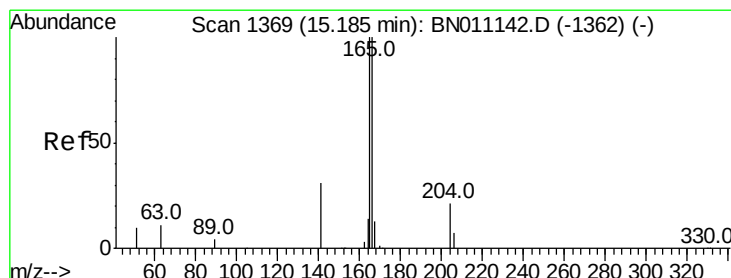
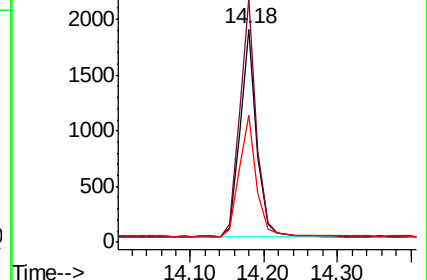
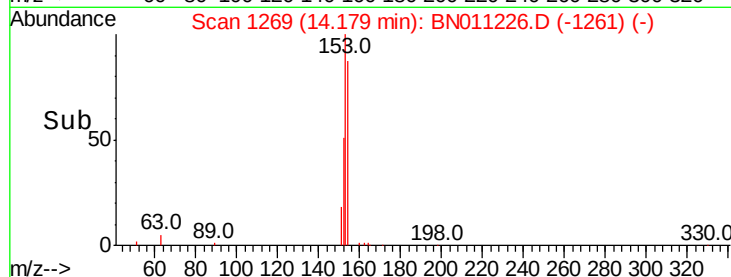
152 61.0 46.6 69.8



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: 0.301 ng

RT: 15.18 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

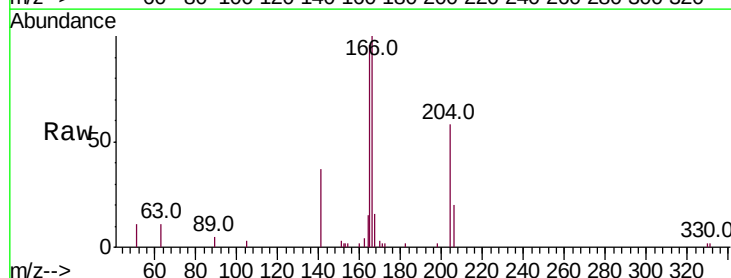
Tgt Ion:166 Resp: 3847

Ion Ratio Lower Upper

166 100

165 98.4 79.1 118.7

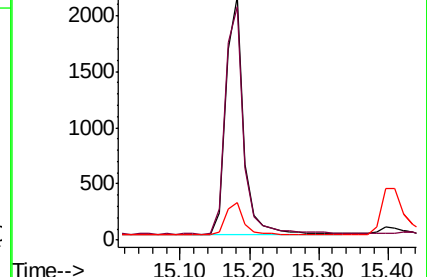
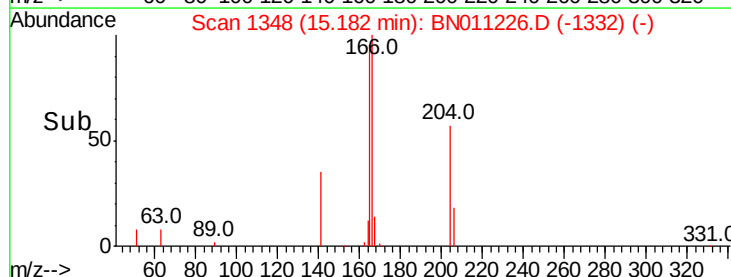
167 13.9 10.5 15.7

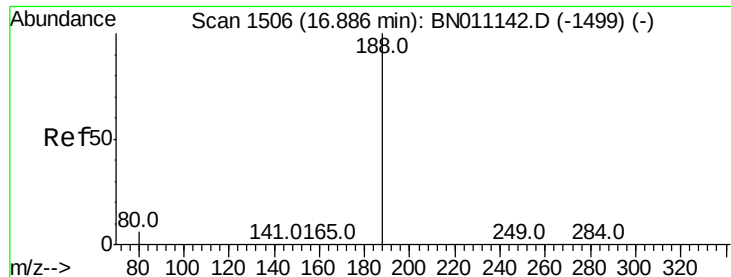


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.87 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

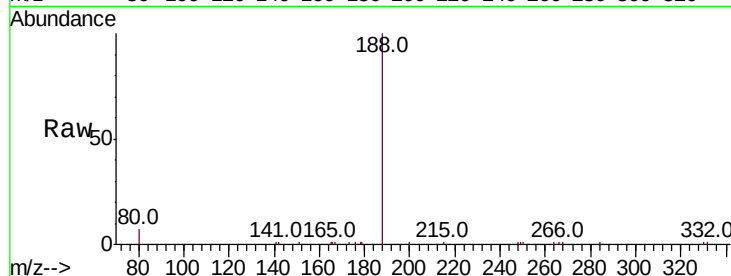
Tot Ion:188 Resp: 6735

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

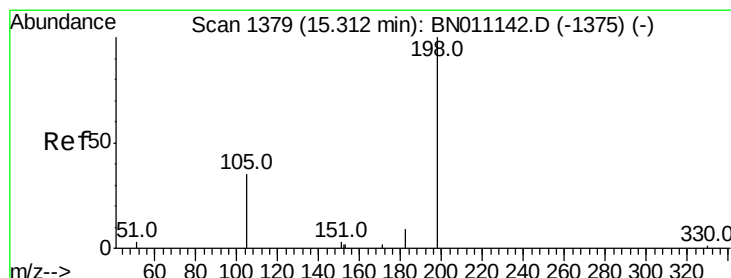
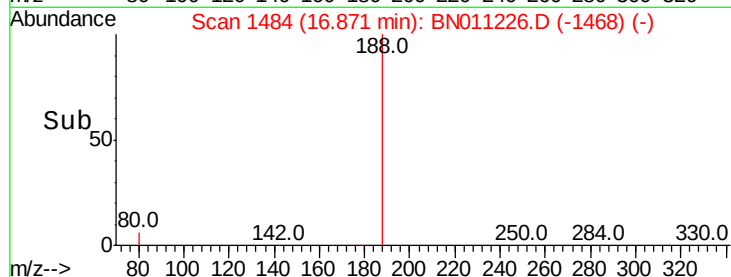
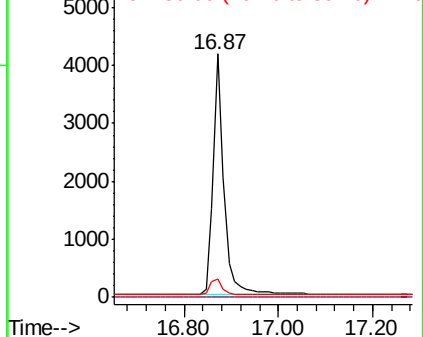
80 7.4 6.3 9.5



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.307 ng

RT: 15.31 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

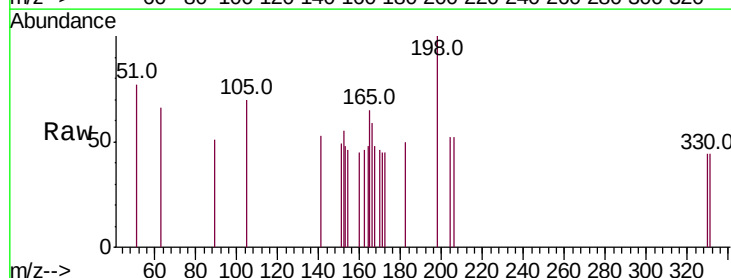
Tgt Ion:198 Resp: 219

Ion Ratio Lower Upper

198 100

51 76.7 53.1 79.7

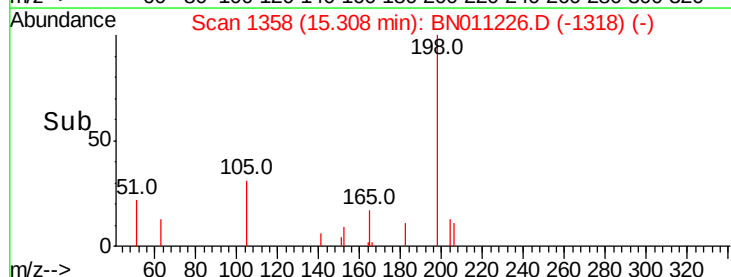
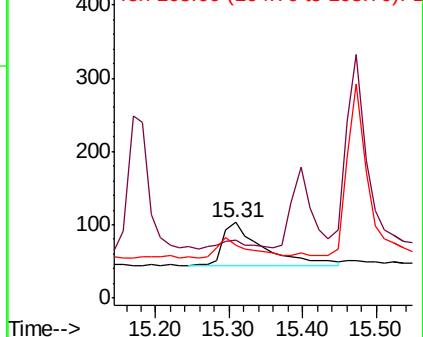
105 69.9 51.9 77.9

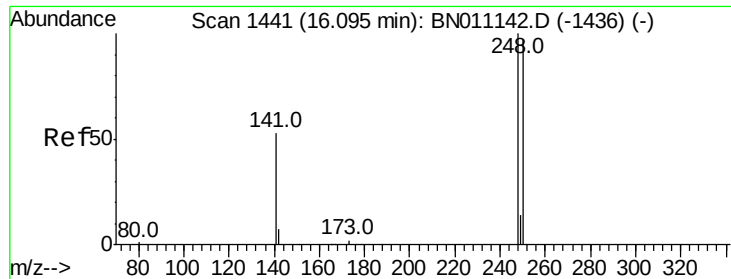


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.270 ng

RT: 16.08 min Scan# 1419

Delta R.T. 0.00 min

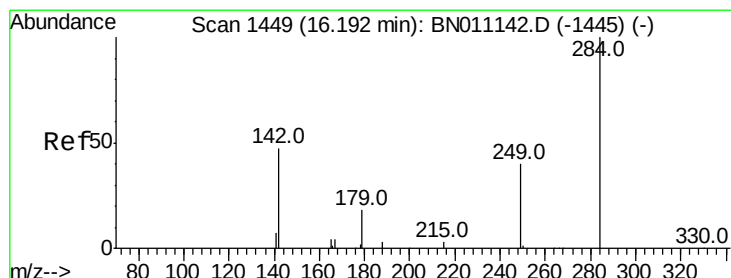
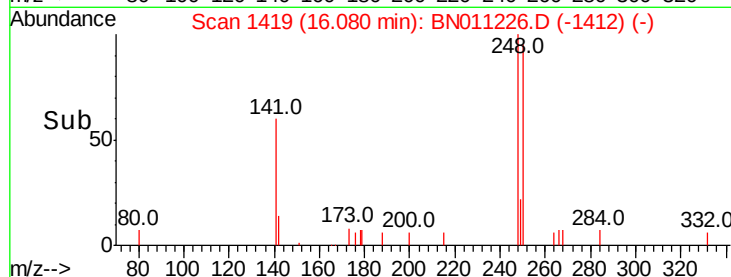
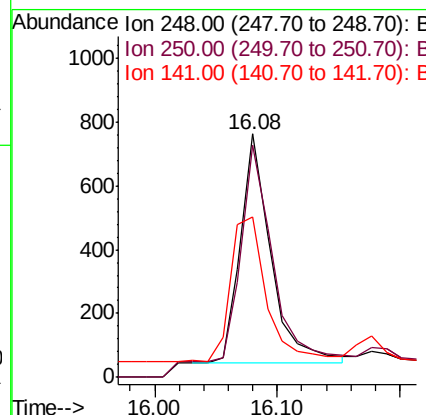
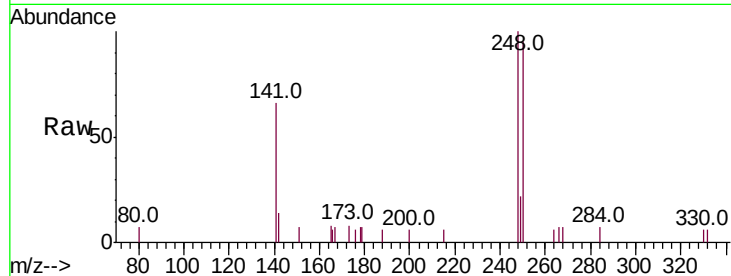
Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tot Ion:248 Resp: 1235

Ion	Ratio	Lower	Upper
248	100		
250	95.2	78.4	117.6
141	66.1	45.1	67.7



#22

Hexachlorobenzene

Concen: 0.256 ng

RT: 16.19 min Scan# 1428

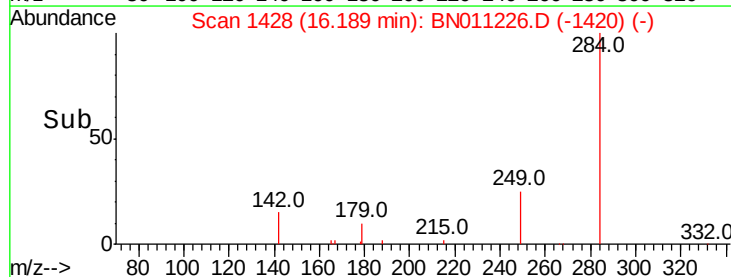
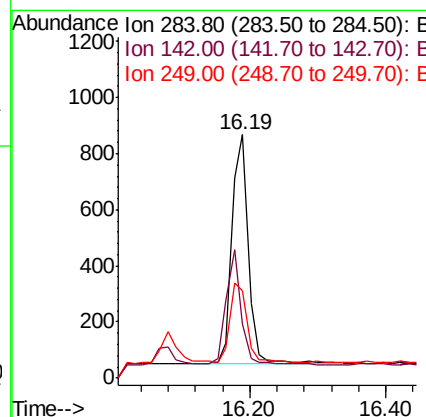
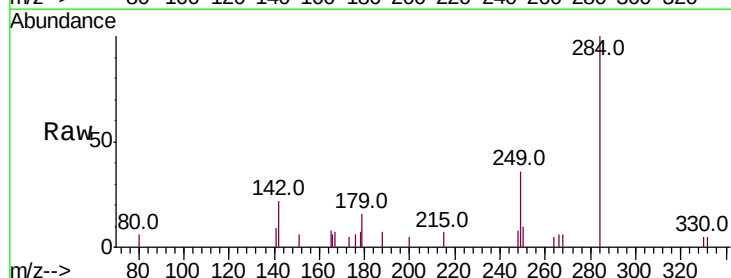
Delta R.T. 0.00 min

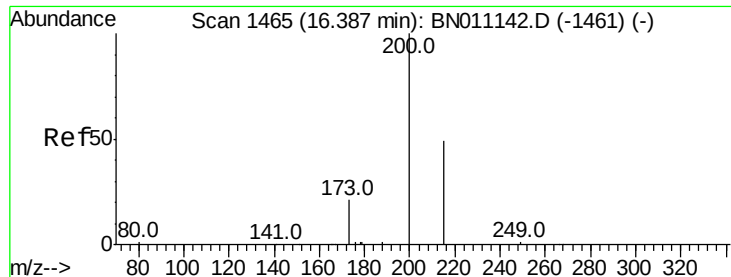
Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Tgt Ion:284 Resp: 1365

Ion	Ratio	Lower	Upper
284	100		
142	45.4	32.6	48.8
249	35.8	28.4	42.6





#23

Atrazine

Concen: 0.278 ng

RT: 16.37 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

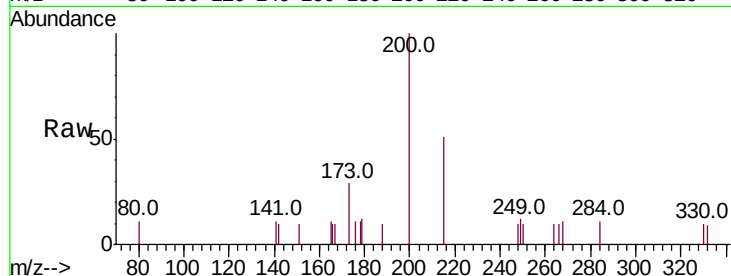
Tot Ion:200 Resp: 892

Ion Ratio Lower Upper

200 100

173 29.4 23.0 34.4

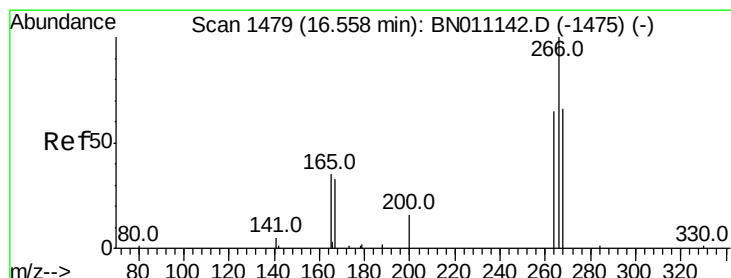
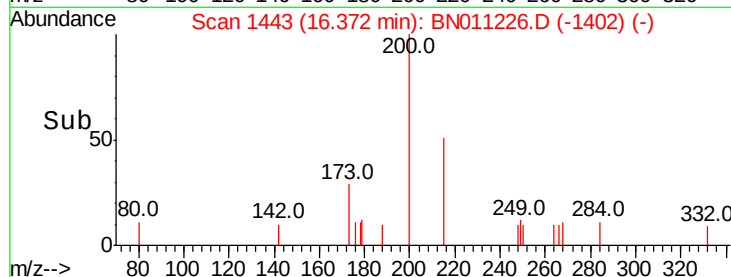
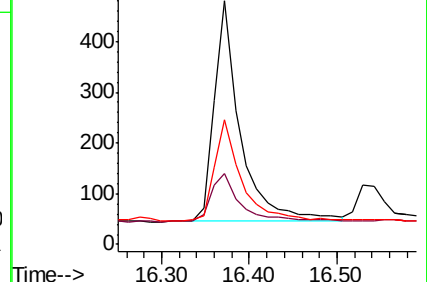
215 51.3 42.6 63.8



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: 0.538 ng

RT: 16.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

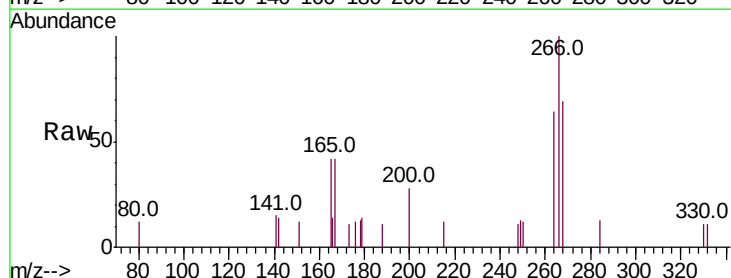
Tgt Ion:266 Resp: 851

Ion Ratio Lower Upper

266 100

264 63.5 52.5 78.7

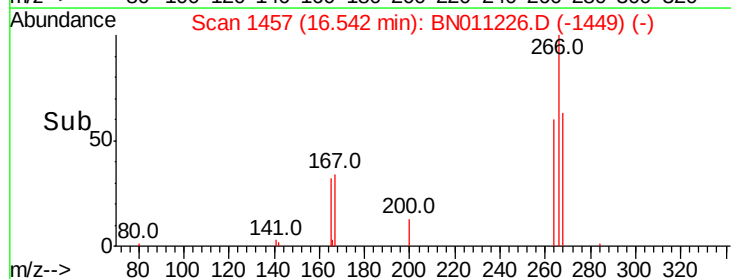
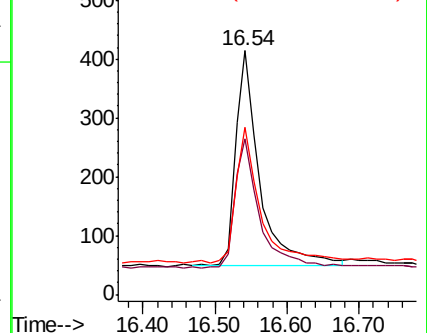
268 63.5 48.9 73.3

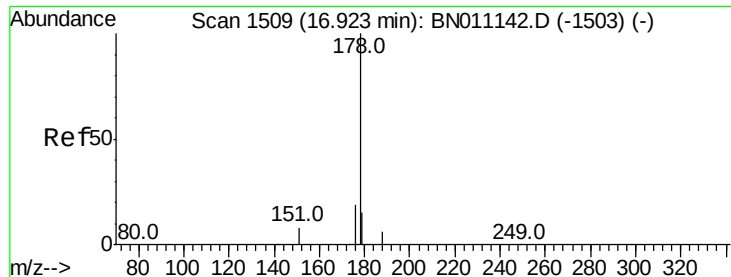


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.287 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

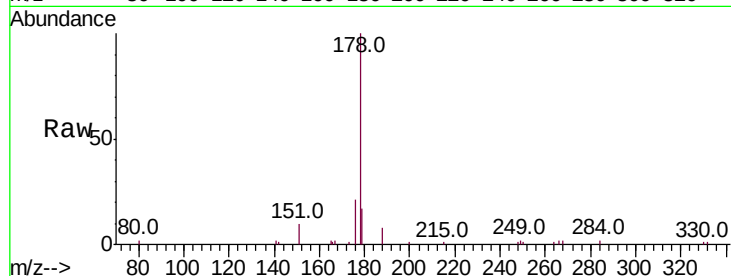
Tot Ion:178 Resp: 6201

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

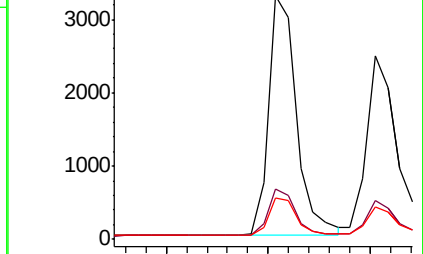
179 15.8 12.6 18.8



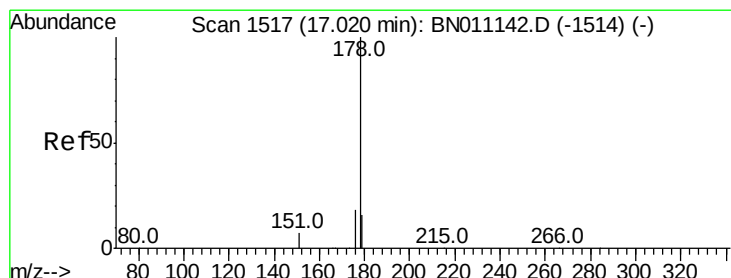
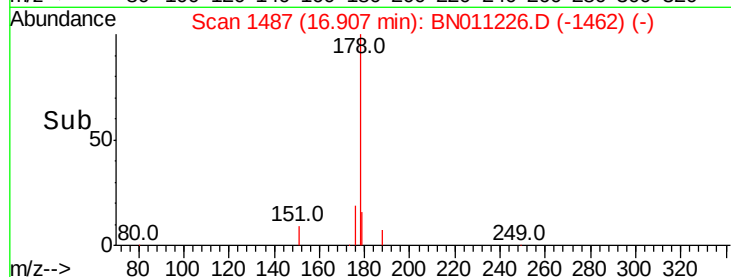
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#26

Anthracene

Concen: 0.283 ng

RT: 17.00 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

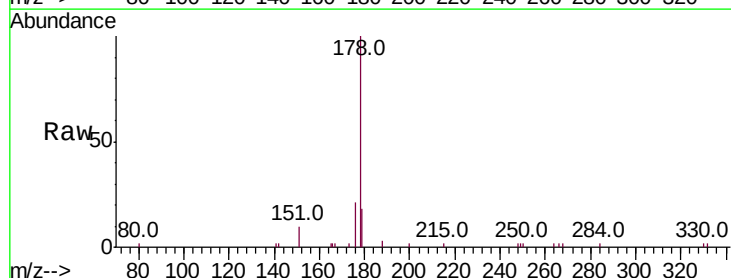
Tgt Ion:178 Resp: 5095

Ion Ratio Lower Upper

178 100

176 18.6 14.5 21.7

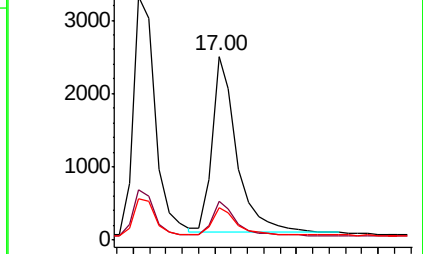
179 15.5 12.0 18.0



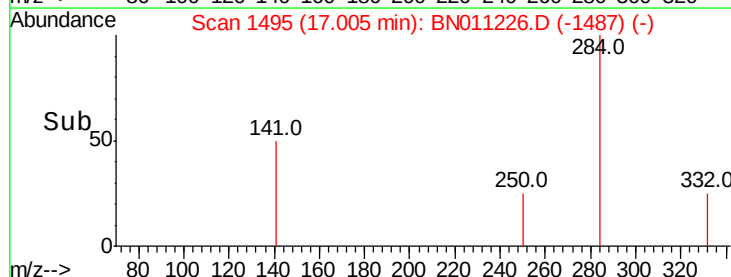
Abundance Ion 178.00 (177.70 to 178.70): E

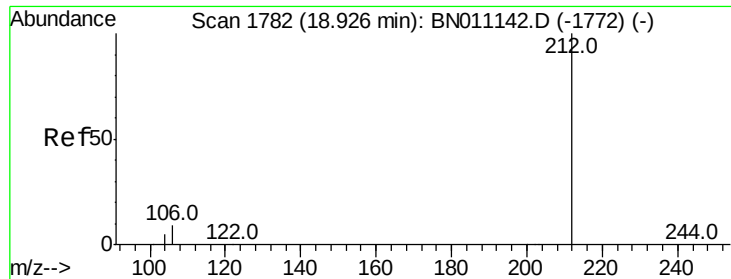
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

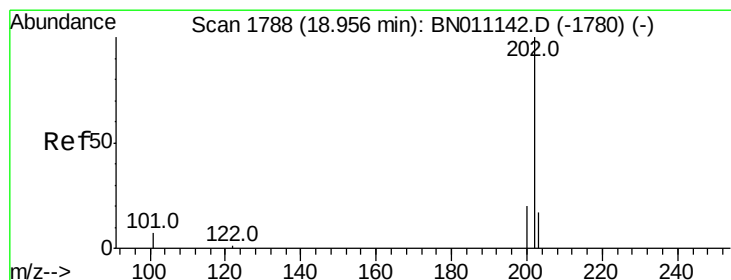
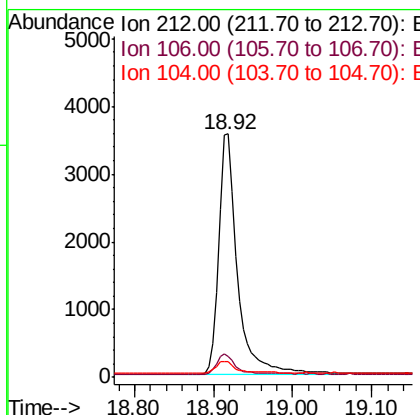
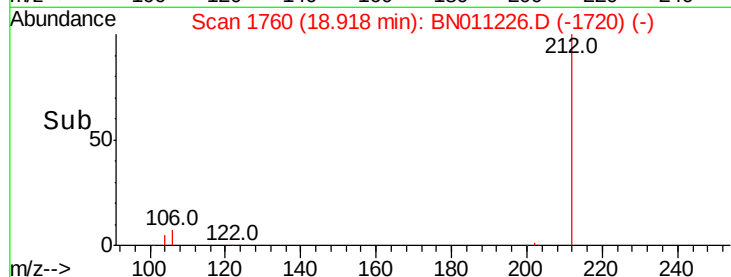
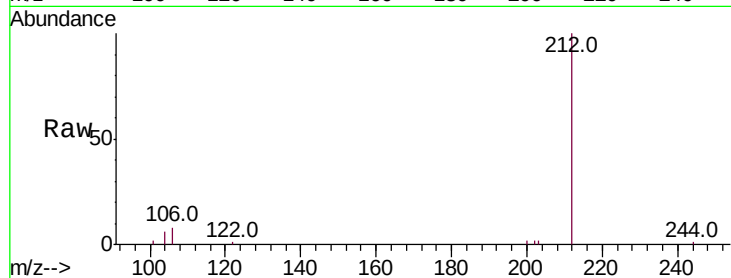




#27
Fluoranthene-d10
Concen: 0.281 ng
RT: 18.92 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

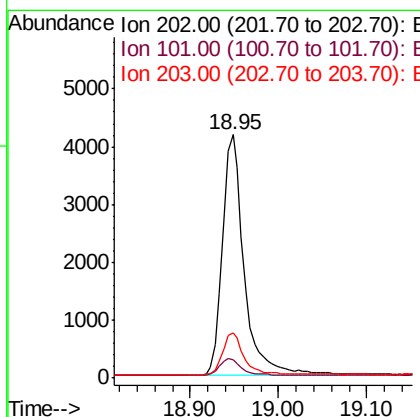
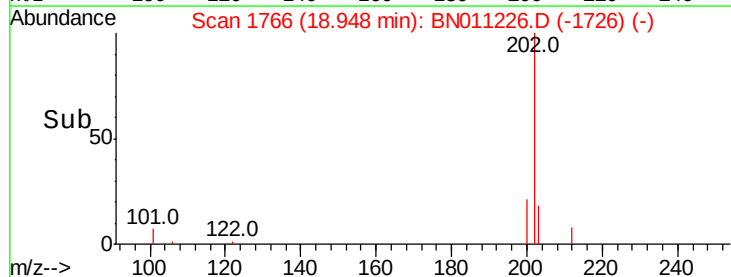
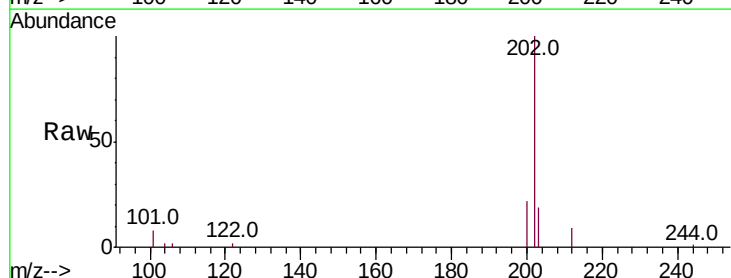
Instrument :
BNA_N
ClientSampleId :
PB130401BS

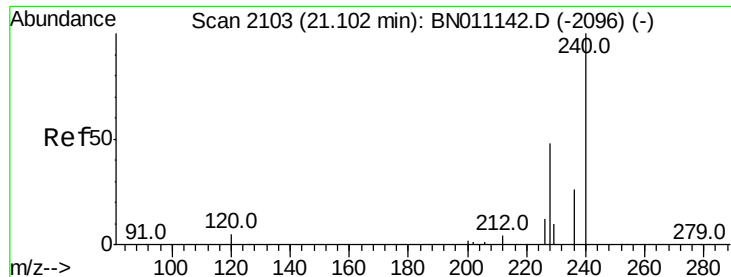
Tot Ion:212 Resp: 5962
Ion Ratio Lower Upper
212 100
106 8.1 7.0 10.6
104 4.9 4.2 6.4



#28
Fluoranthene
Concen: 0.275 ng
RT: 18.95 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:202 Resp: 7144
Ion Ratio Lower Upper
202 100
101 7.0 5.9 8.9
203 17.4 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.09 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

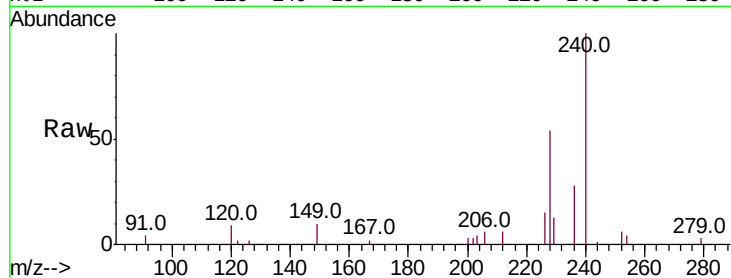
Tot Ion:240 Resp: 5017

Ion Ratio Lower Upper

240 100

120 9.0 6.5 9.7

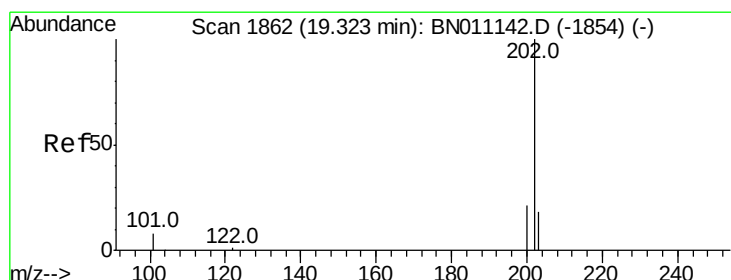
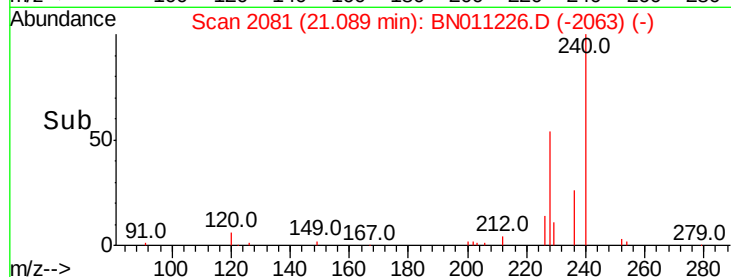
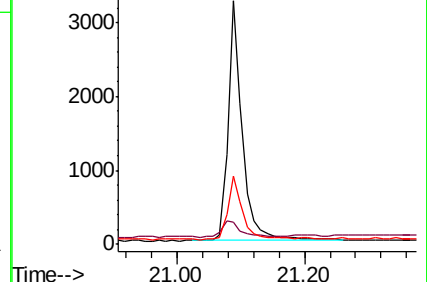
236 28.1 21.9 32.9



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: 0.372 ng

RT: 19.31 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

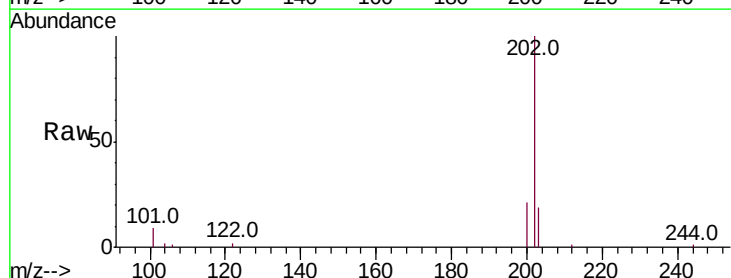
Tgt Ion:202 Resp: 7132

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

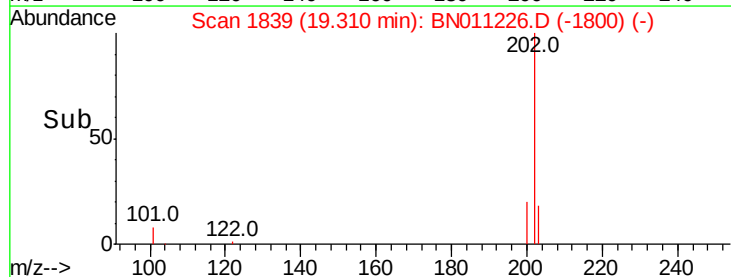
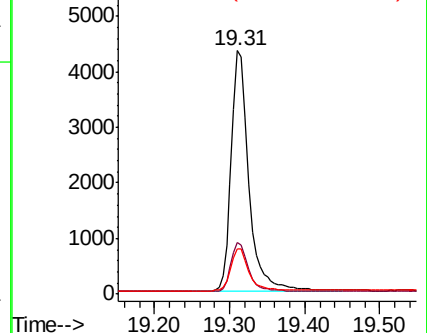
203 18.0 14.2 21.4

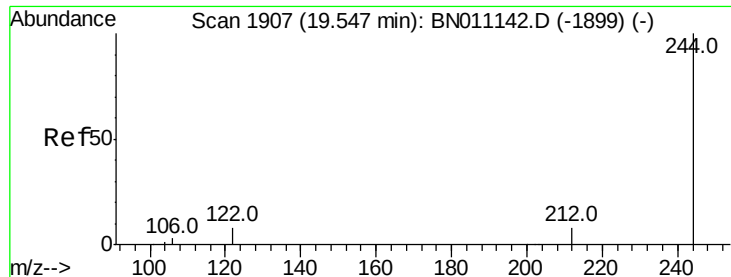


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.463 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

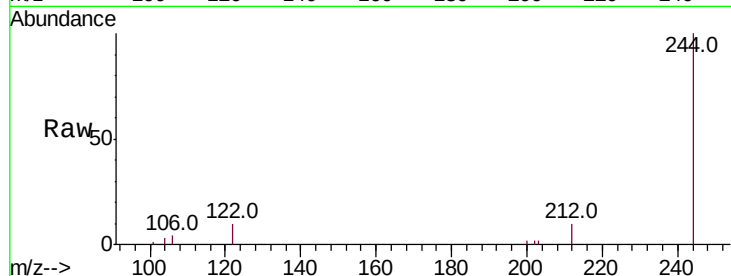
Tot Ion:244 Resp: 6052

Ion Ratio Lower Upper

244 100

212 9.5 7.8 11.6

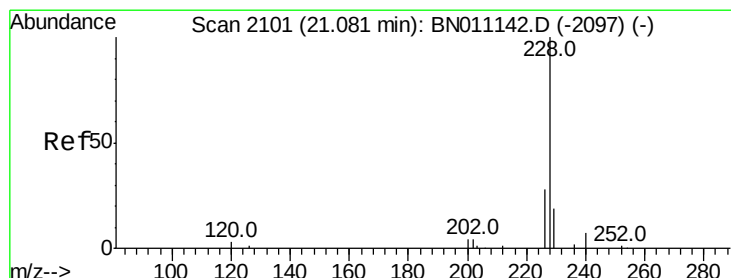
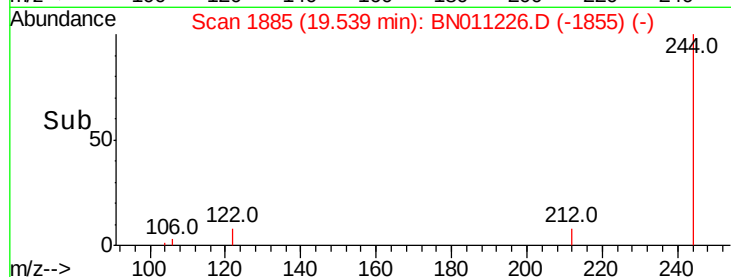
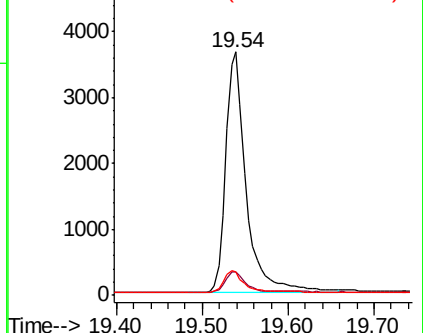
122 9.6 7.4 11.0



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: 0.310 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

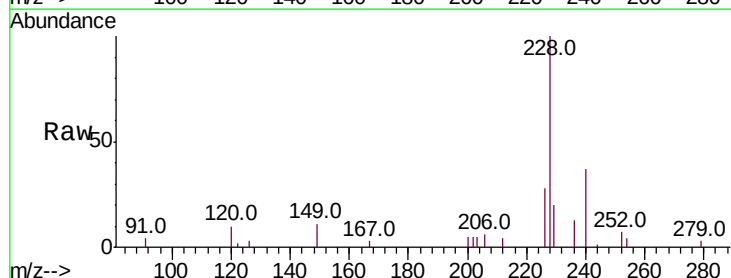
Tgt Ion:228 Resp: 5039

Ion Ratio Lower Upper

228 100

226 27.7 23.2 34.8

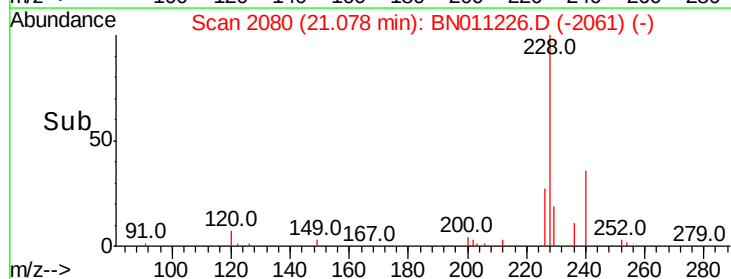
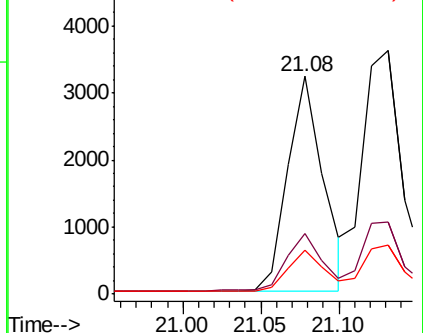
229 20.3 16.2 24.4

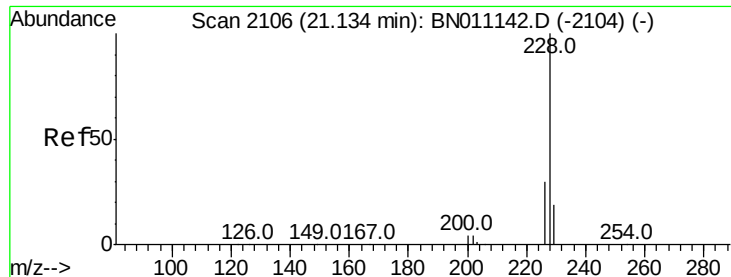


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.330 ng

RT: 21.13 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

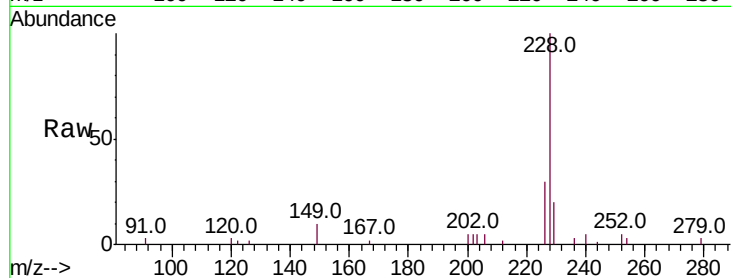
BNA_N

ClientSampleId :

PB130401BS

Tot Ion:228 Resp: 6564

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.3	16.2	24.4

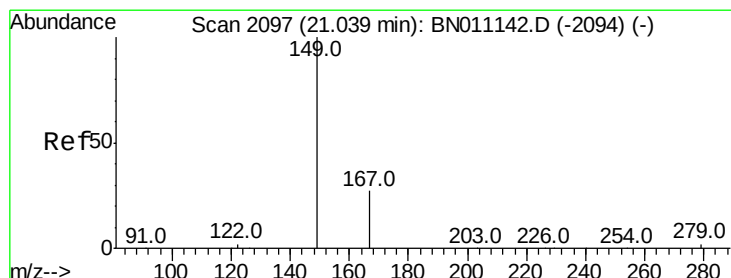
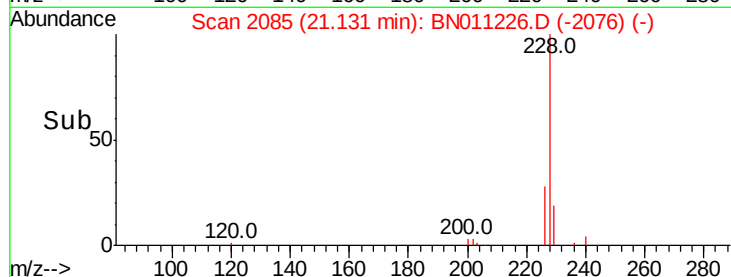
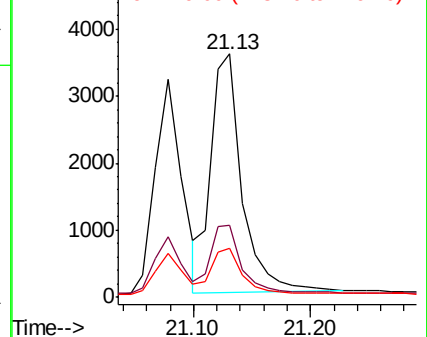


Abundance

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: 0.378 ng

RT: 21.04 min Scan# 2076

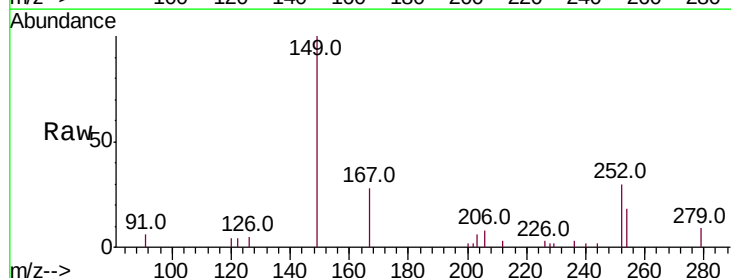
Delta R.T. 0.00 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Tgt Ion:149 Resp: 2533

Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.4	35.0
279	5.9	4.5	6.7

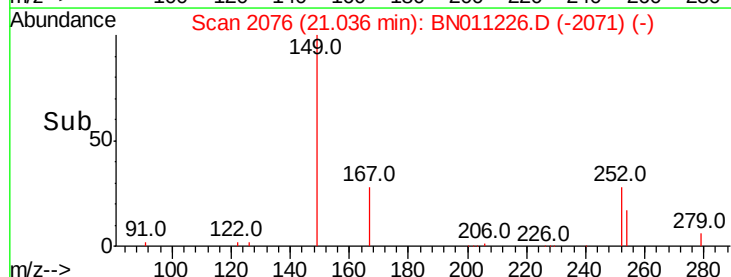
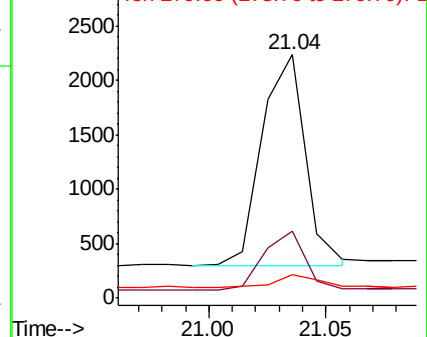


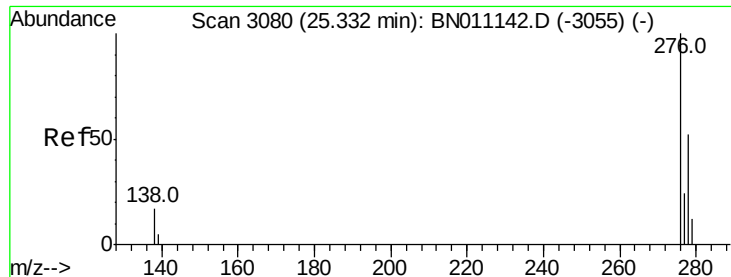
Abundance

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: 0.281 ng

RT: 25.31 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

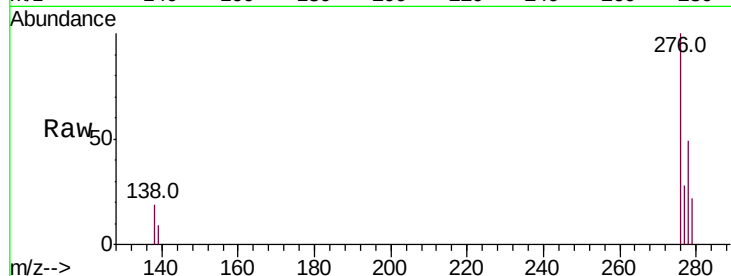
Tot Ion:276 Resp: 6124

Ion Ratio Lower Upper

276 100

138 16.1 13.0 19.6

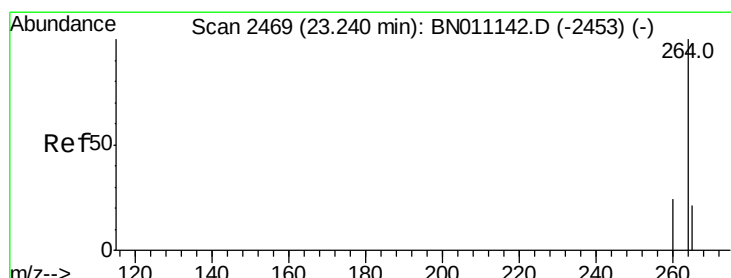
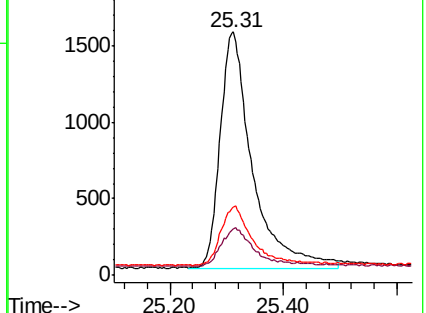
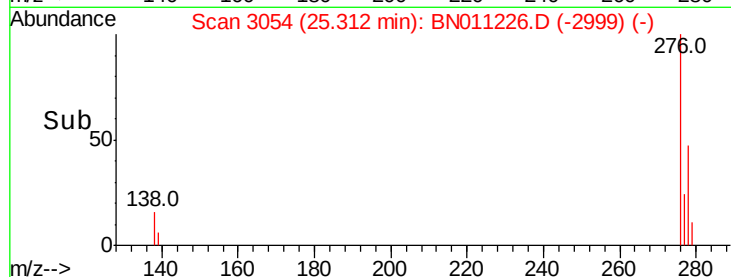
277 24.5 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

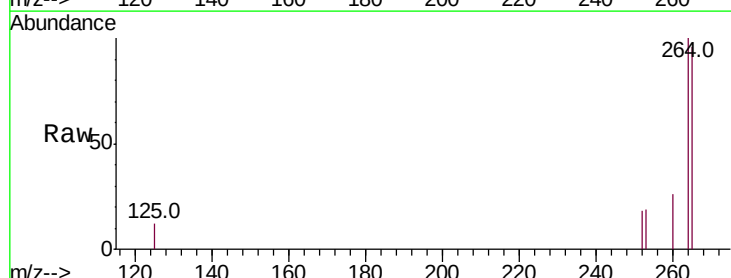
Tgt Ion:264 Resp: 4701

Ion Ratio Lower Upper

264 100

260 26.4 20.1 30.1

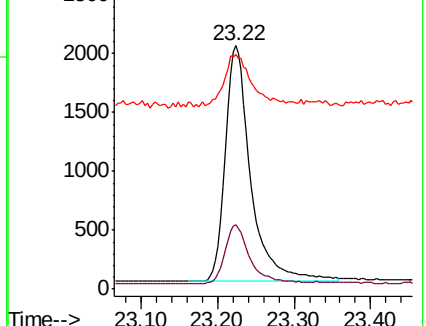
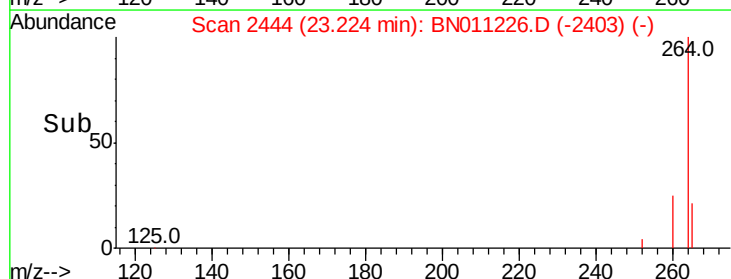
265 96.1 76.6 115.0

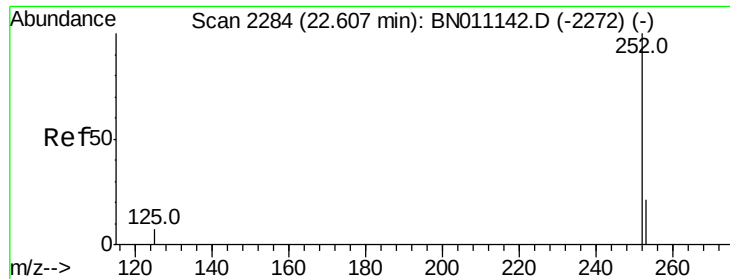


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

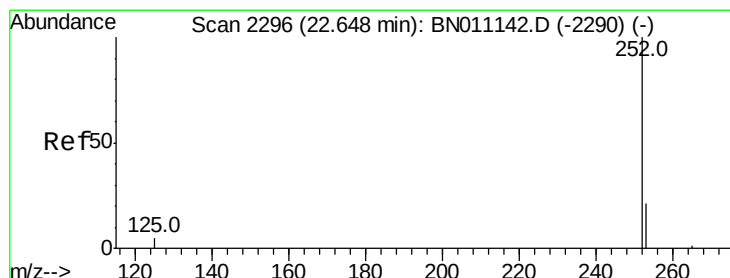
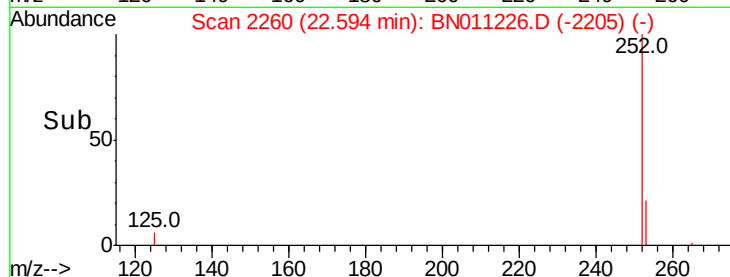
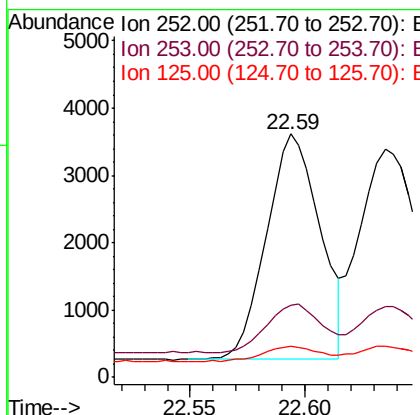
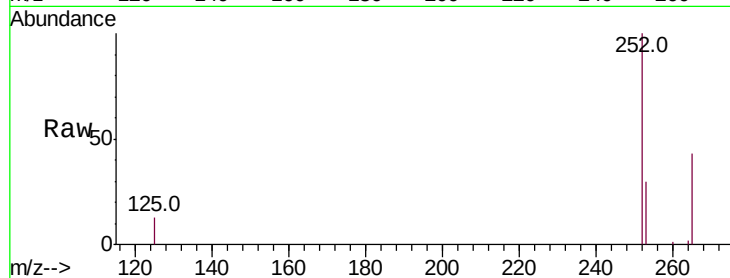




#37
Benzo(b)fluoranthene
Concen: 0.289 ng
RT: 22.59 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

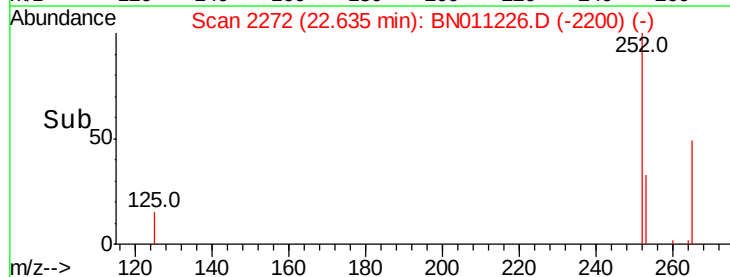
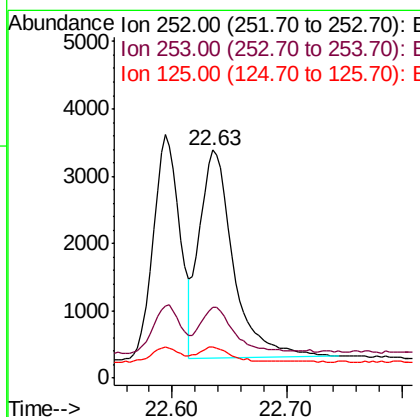
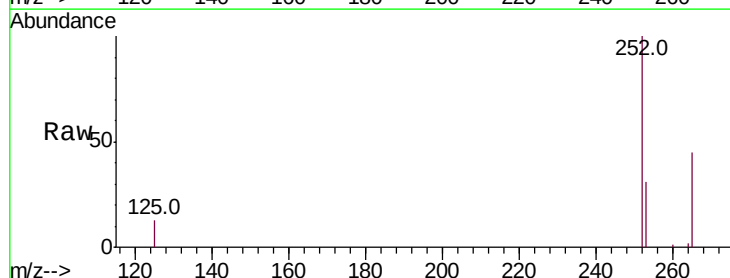
Instrument :
BNA_N
ClientSampleId :
PB130401BS

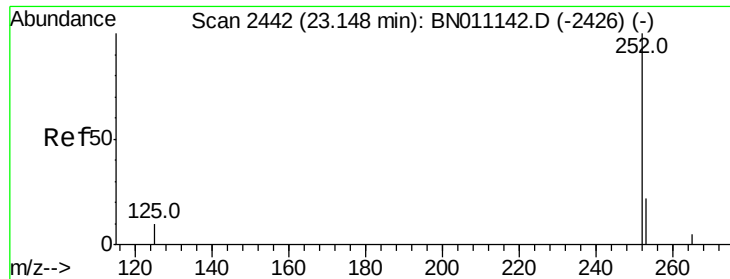
Tot Ion:252 Resp: 5456
Ion Ratio Lower Upper
252 100
253 29.5 22.6 34.0
125 12.6 9.6 14.4



#38
Benzo(k)fluoranthene
Concen: 0.300 ng
RT: 22.63 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:252 Resp: 6398
Ion Ratio Lower Upper
252 100
253 30.9 22.2 33.4
125 13.5 11.0 16.4





#39

Benzo(a)pyrene

Concen: 0.281 ng

RT: 23.13 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS

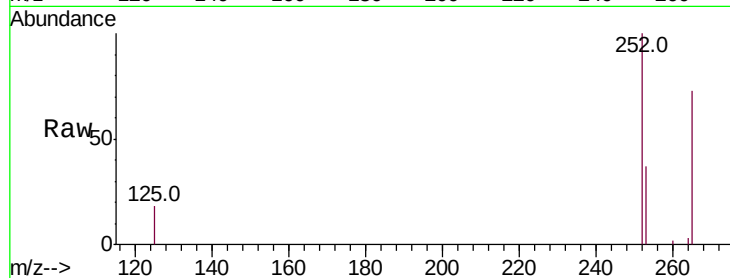
Tot Ion:252 Resp: 4774

Ion Ratio Lower Upper

252 100

253 37.2 25.8 38.6

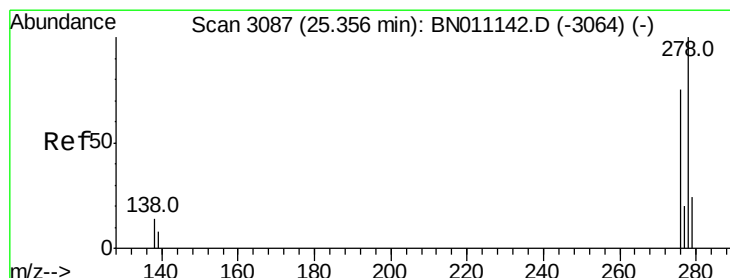
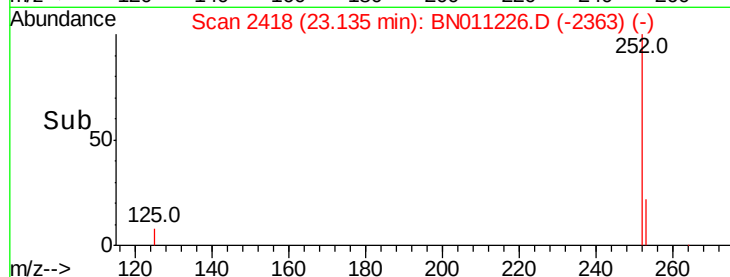
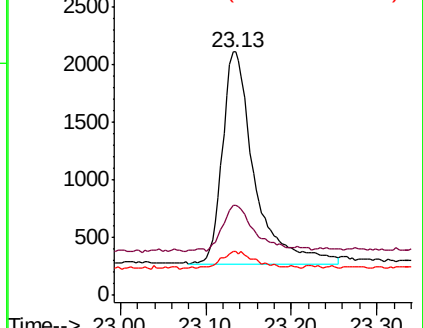
125 18.3 13.4 20.0



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: 0.257 ng

RT: 25.33 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BN011226.D

Acq: 22 Jul 2020 20:13

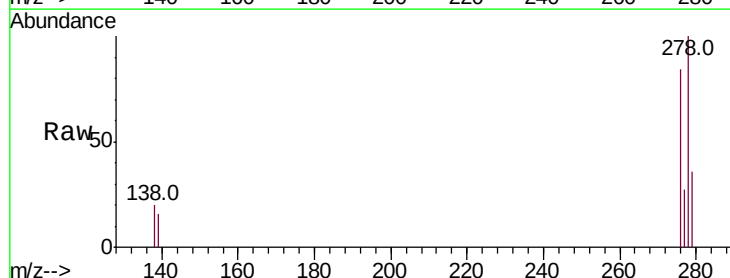
Tgt Ion:278 Resp: 4626

Ion Ratio Lower Upper

278 100

139 15.7 11.7 17.5

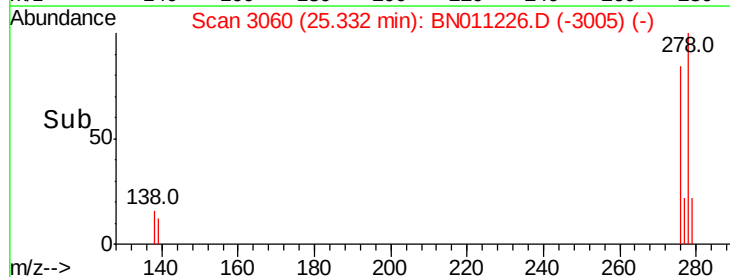
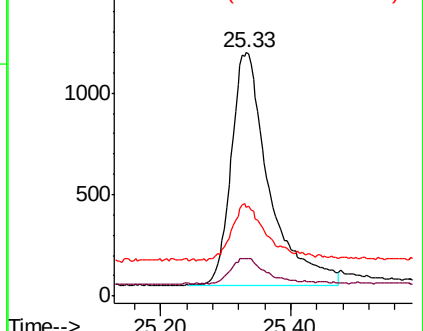
279 36.4 25.0 37.6

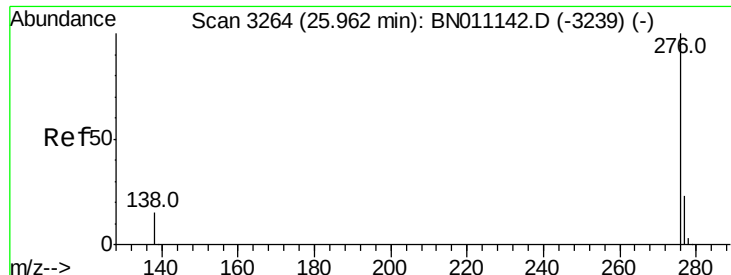


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.300 ng

RT: 25.93 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BN011226.D

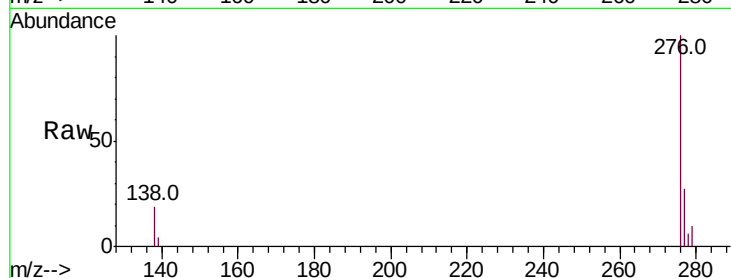
Acq: 22 Jul 2020 20:13

Instrument :

BNA_N

ClientSampleId :

PB130401BS



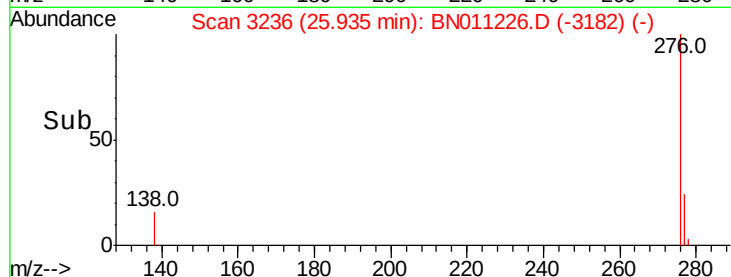
Tot Ion: 276 Resp: 5928

Ion Ratio Lower Upper

276 100

277 27.1 20.5 30.7

138 18.6 13.8 20.6



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

