

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
 Data File : BN011646.D
 Acq On : 26 Aug 2020 15:44
 Operator : CG/JU
 Sample : PB131185BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131185BSD

Quant Time: Aug 26 16:34:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1940	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	7338	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	4562	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	10171	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	11568	0.40	ng	-0.01
36) Perylene-d12	23.58	264	11891	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2259	0.36	ng	0.00
5) Phenol-d6	6.91	99	3062	0.35	ng	0.00
8) Nitrobenzene-d5	8.89	82	2906	0.46	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	5311	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	883	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	7434	0.42	ng	-0.01
27) Fluoranthene-d10	19.16	212	12776	0.39	ng	0.00
31) Terphenyl-d14	19.77	244	11603	0.39	ng	0.00

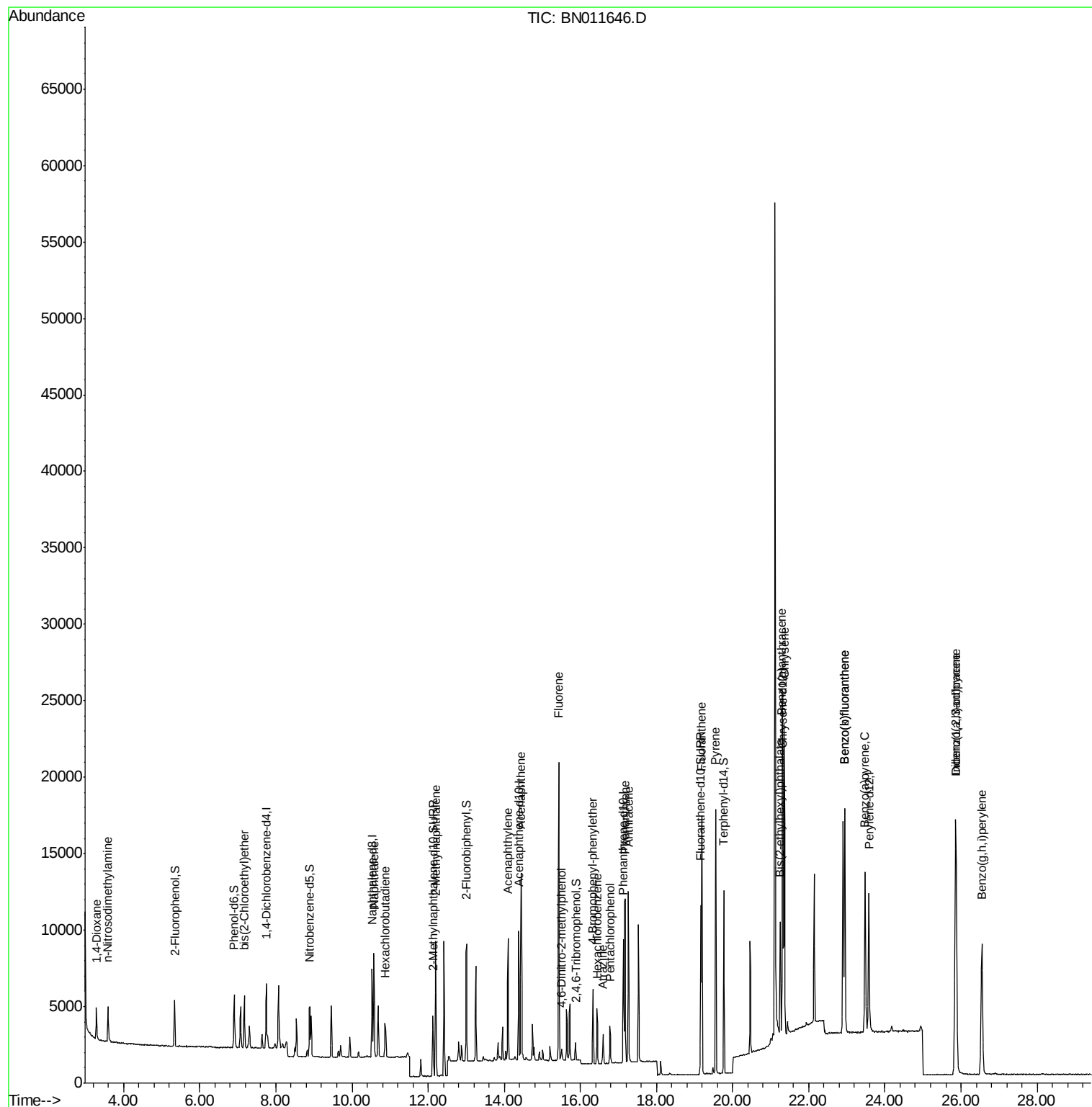
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1302	0.433	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	1504	0.475	ng	# 89
6) bis(2-Chloroethyl)ether	7.18	93	2487	0.399	ng	96
9) Naphthalene	10.58	128	8365	0.401	ng	95
10) Hexachlorobutadiene	10.87	225	1855	0.424	ng	# 96
12) 2-Methylnaphthalene	12.20	142	5978	0.388	ng	99
16) Acenaphthylene	14.10	152	8522	0.354	ng	99
17) Acenaphthene	14.45	154	6046	0.397	ng	98
18) Fluorene	15.44	166	7658	0.388	ng	98
20) 4,6-Dinitro-2-methylphenol	15.51	198	564	0.481	ng	# 29
21) 4-Bromophenyl-phenylether	16.32	248	2298	0.387	ng	98
22) Hexachlorobenzene	16.44	284	2845	0.415	ng	99
23) Atrazine	16.59	200	1555	0.265	ng	97
24) Pentachlorophenol	16.77	266	1192	0.394	ng	95
25) Phenanthrene	17.18	178	12917	0.409	ng	99
26) Anthracene	17.26	178	11183	0.359	ng	99
28) Fluoranthene	19.19	202	15304	0.400	ng	99
30) Pvrene	19.56	202	15824	0.386	ng	99
32) Benzo(a)anthracene	21.30	228	16607	0.398	ng	98
33) Chrysene	21.35	228	16599	0.417	ng	98
34) Bis(2-ethylhexyl)phthalate	21.25	149	7405	0.227	ng	96
35) Indeno(1,2,3-cd)pyrene	25.85	276	21421	0.441	ng	# 100
37) Benzo(b)fluoranthene	22.95	252	17953	0.417	ng	96
38) Benzo(k)fluoranthene	22.95	252	17953	0.419	ng	# 92
39) Benzo(a)pyrene	23.48	252	15704	0.391	ng	96
40) Dibenzo(a,h)anthracene	25.87	278	17782	0.424	ng	# 93
41) Benzo(g,h,i)perylene	26.55	276	17409	0.427	ng	96

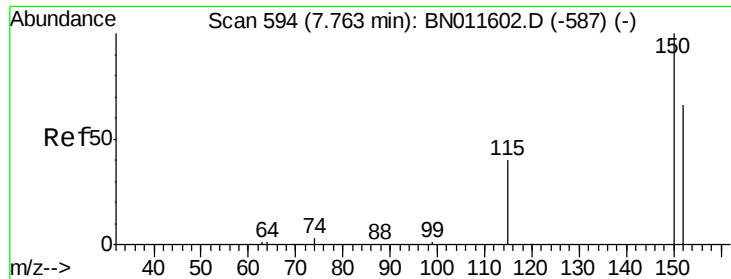
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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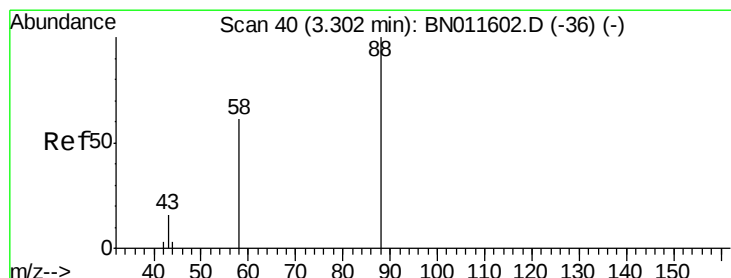
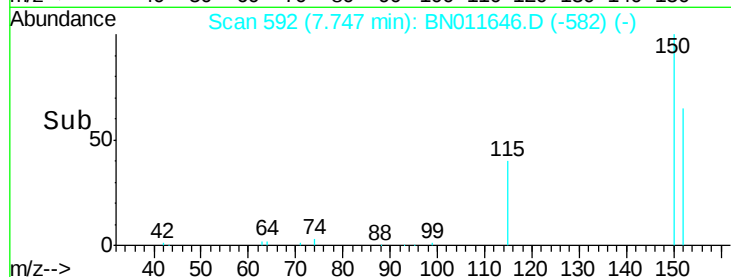
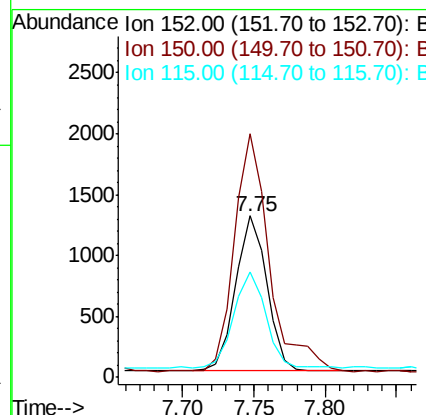
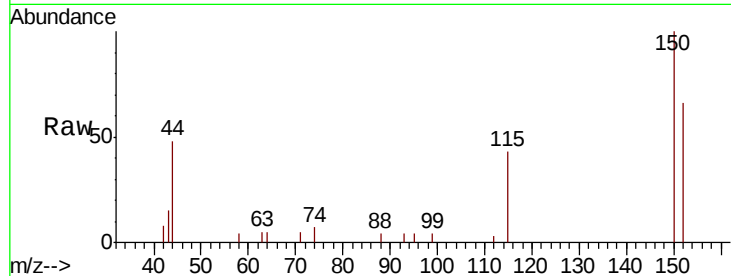


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN011646.D
Acq: 26 Aug 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB131185BSD

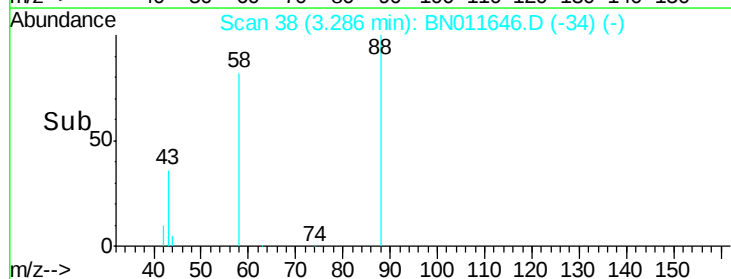
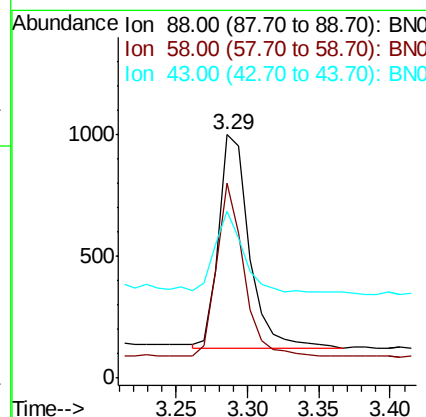
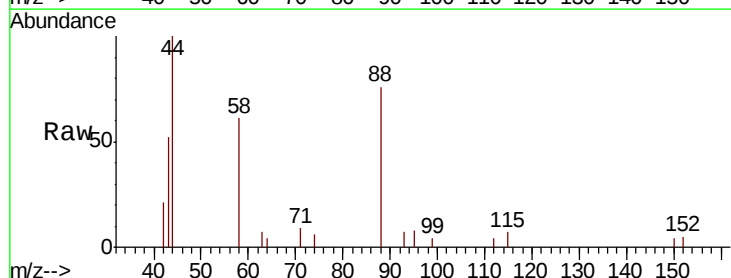
Tot Ion:152 Resp: 1940
Ion Ratio Lower Upper
152 100
150 150.6 112.4 168.6
115 65.5 56.9 85.3

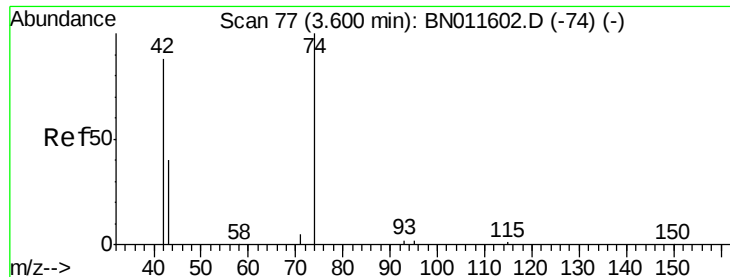


#2

1,4-Dioxane
Concen: 0.433 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN011646.D
Acq: 26 Aug 2020 15:44

Tgt Ion: 88 Resp: 1302
Ion Ratio Lower Upper
88 100
58 71.6 3.0 4.4#
43 34.7 0.0 0.0#





#3

n-Nitrosodimethylamine

Concen: 0.475 ng

RT: 3.59 min Scan# 76

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

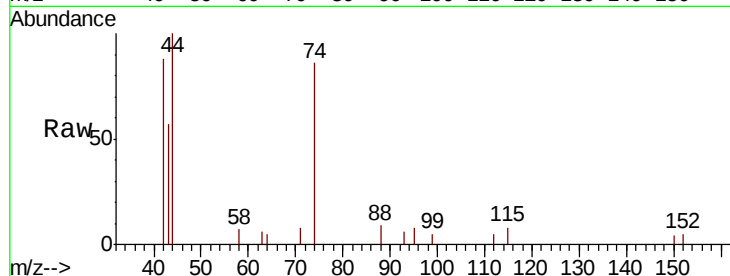
Tot Ion: 42 Resp: 1504

Ion Ratio Lower Upper

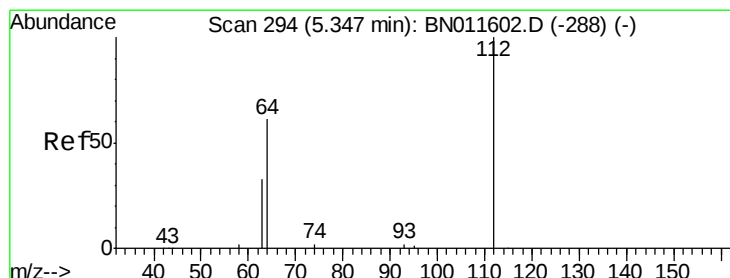
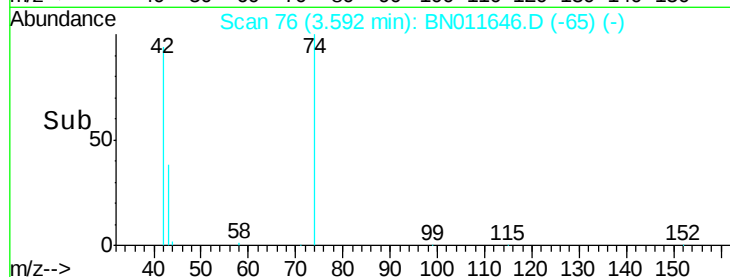
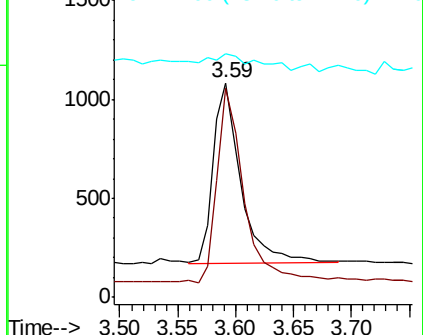
42 100

74 105.1 0.0 0.0#

44 14.4 8.2 12.4#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.364 ng

RT: 5.34 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

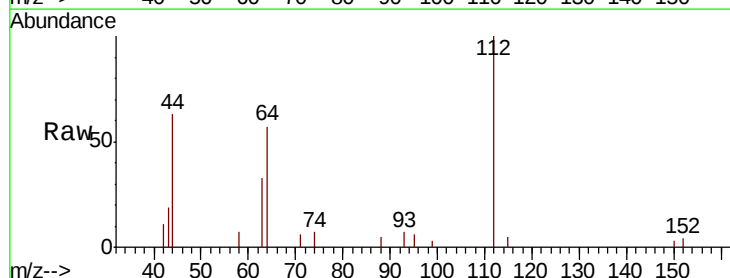
Tgt Ion: 112 Resp: 2259

Ion Ratio Lower Upper

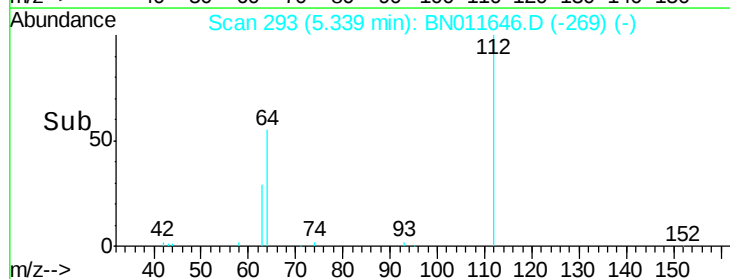
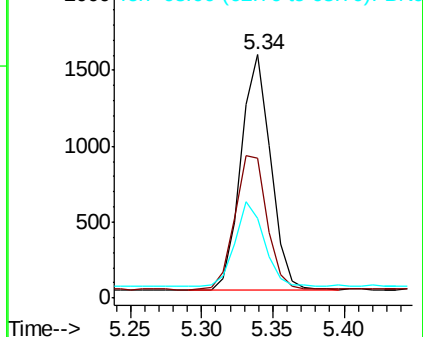
112 100

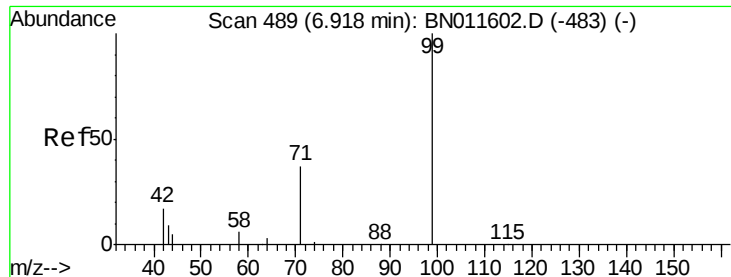
64 61.2 49.6 74.4

63 35.5 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.349 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

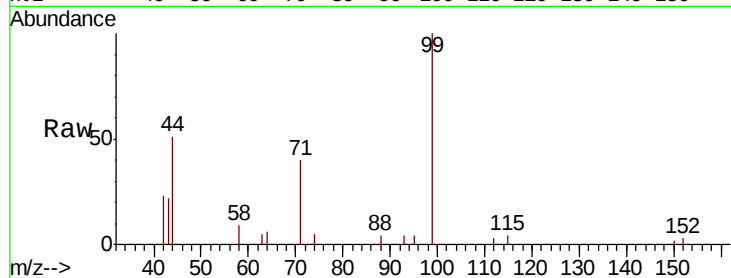
Tot Ion: 99 Resp: 3062

Ion Ratio Lower Upper

99 100

42 24.7 0.0 0.0#

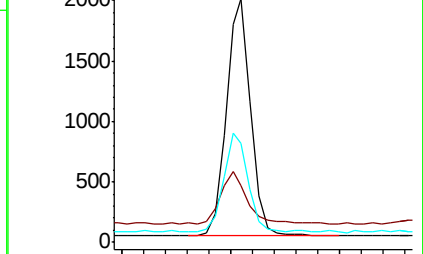
71 41.1 0.0 0.0#



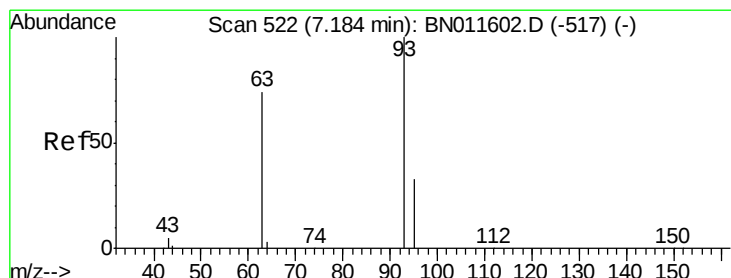
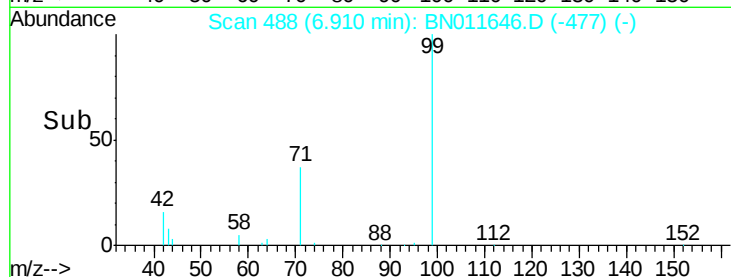
Abundance Ion 99.00 (98.70 to 99.70): BN011646.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011646.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011646.D (-477) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.399 ng

RT: 7.18 min Scan# 521

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

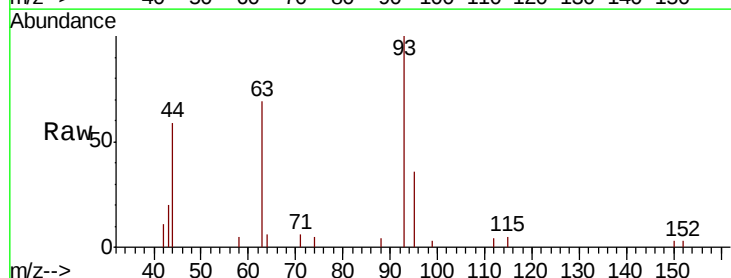
Tgt Ion: 93 Resp: 2487

Ion Ratio Lower Upper

93 100

63 75.2 57.8 86.8

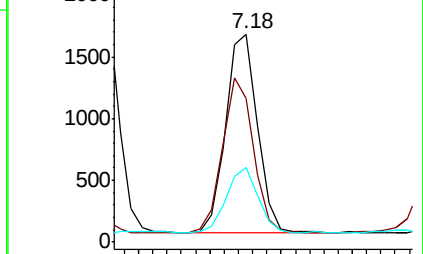
95 32.9 28.3 42.5



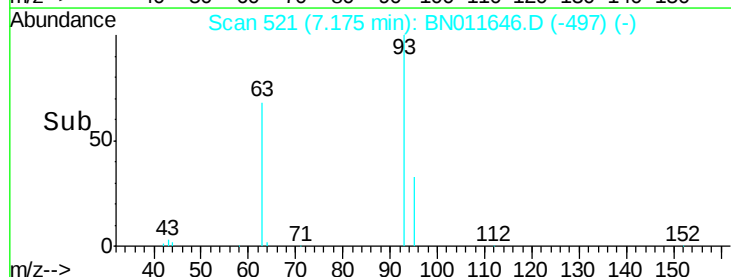
Abundance Ion 93.00 (92.70 to 93.70): BN011646.D (-497) (-)

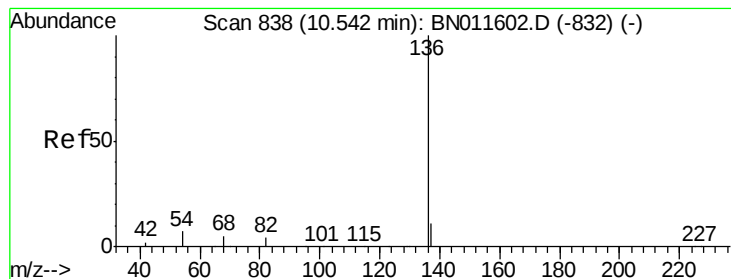
Ion 63.00 (62.70 to 63.70): BN011646.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN011646.D (-497) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

Tot Ion:136 Resp: 7338

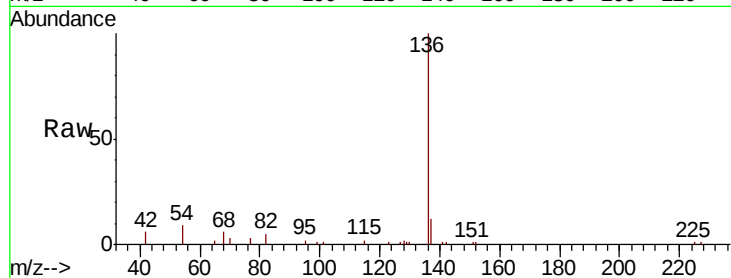
Ion Ratio Lower Upper

136 100

137 12.3 11.5 17.3

54 9.0 11.9 17.9#

68 6.5 12.3 18.5#

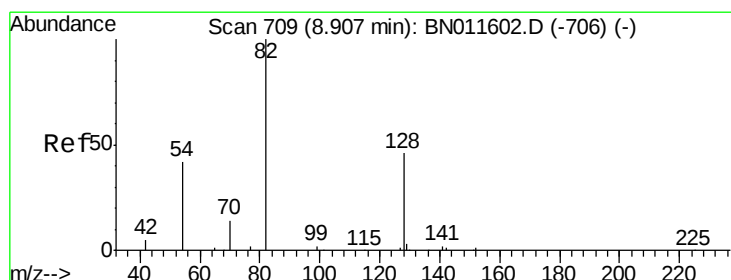
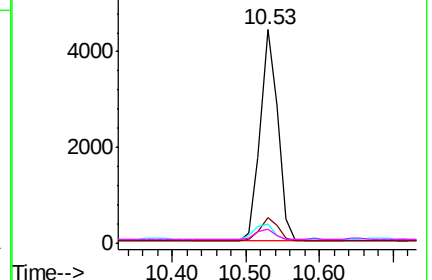
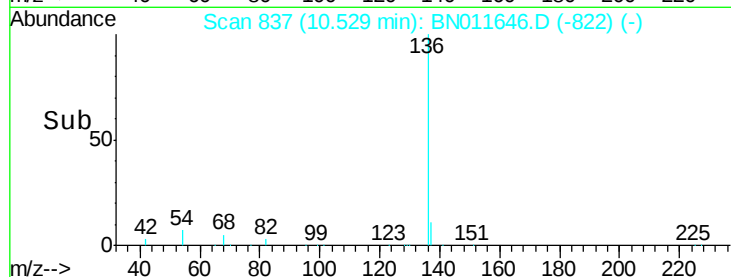


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.457 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

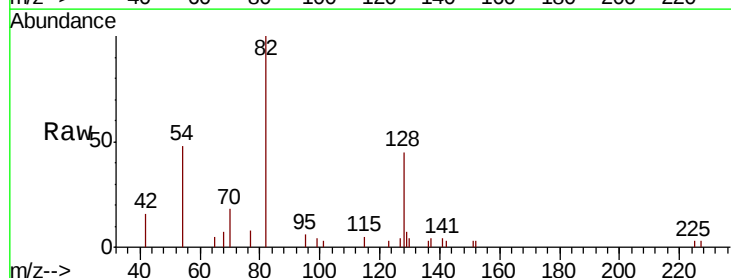
Tgt Ion: 82 Resp: 2906

Ion Ratio Lower Upper

82 100

128 45.4 31.1 46.7

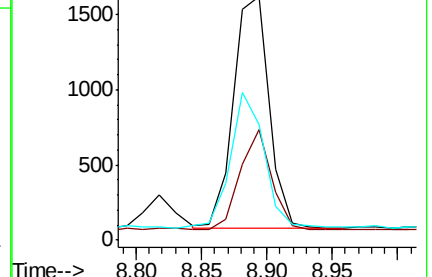
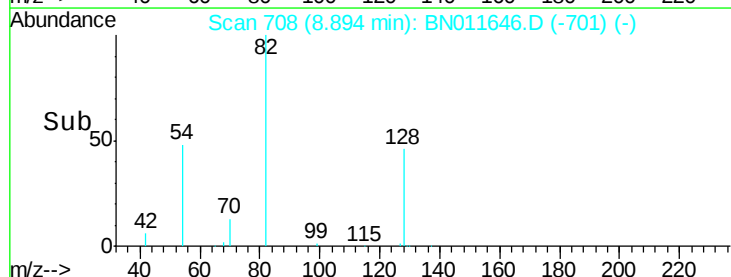
54 47.7 37.1 55.7

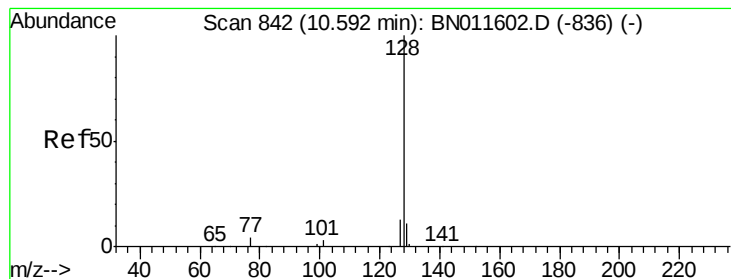


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.58 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

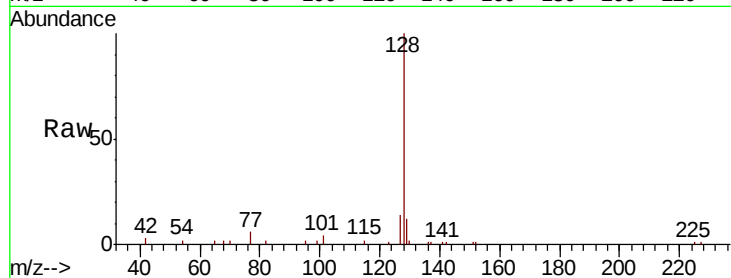
Tot Ion:128 Resp: 8365

Ion Ratio Lower Upper

128 100

129 12.1 11.0 16.4

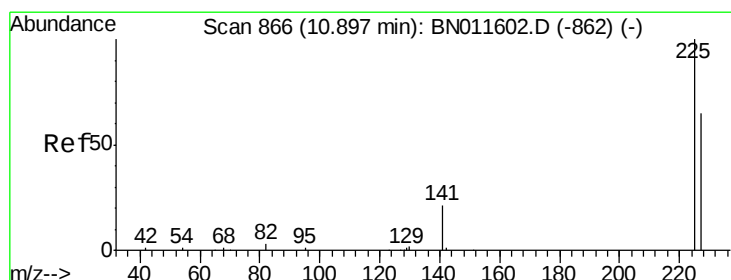
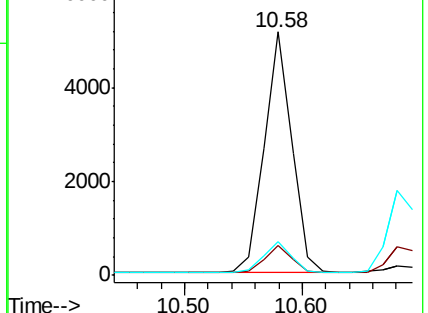
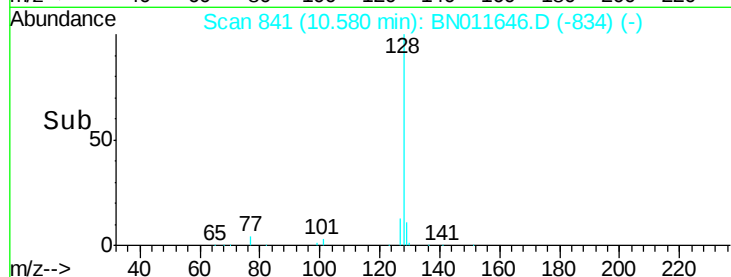
127 14.1 13.5 20.3



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: 0.424 ng

RT: 10.87 min Scan# 864

Delta R.T. -0.03 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

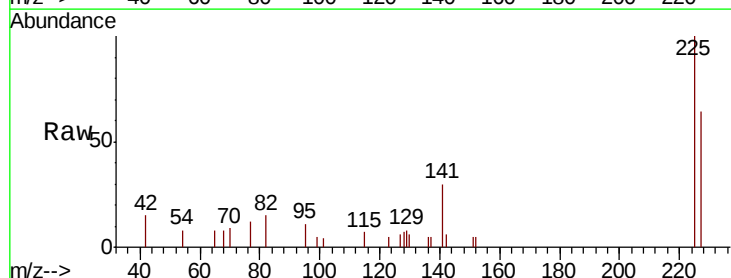
Tgt Ion:225 Resp: 1855

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

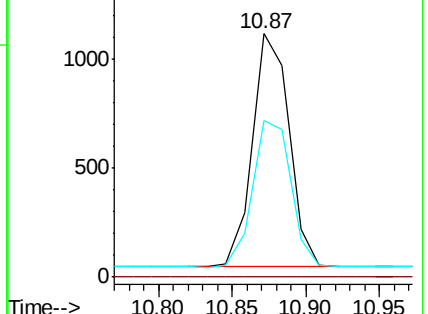
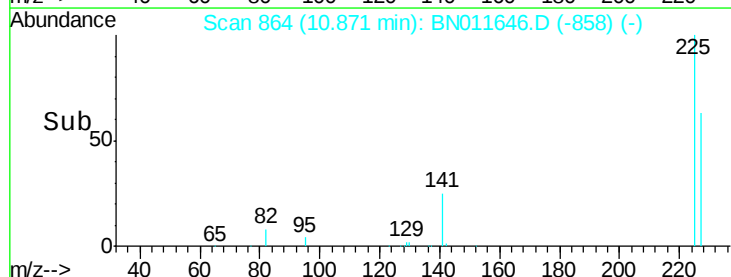
227 65.6 50.2 75.2

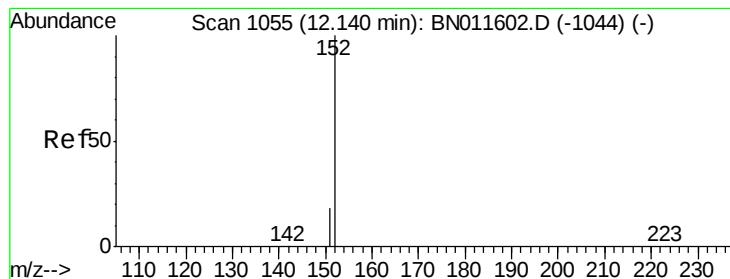


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.13 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

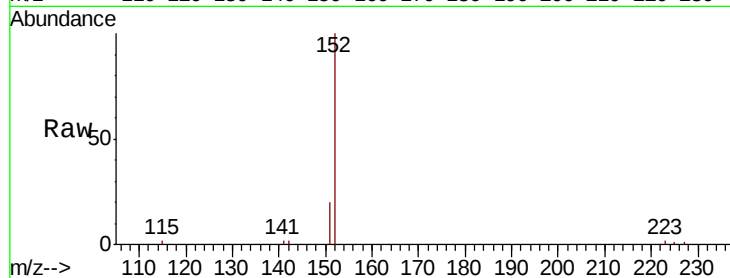
PB131185BSD

Tot Ion:152 Resp: 5311

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.13

4000

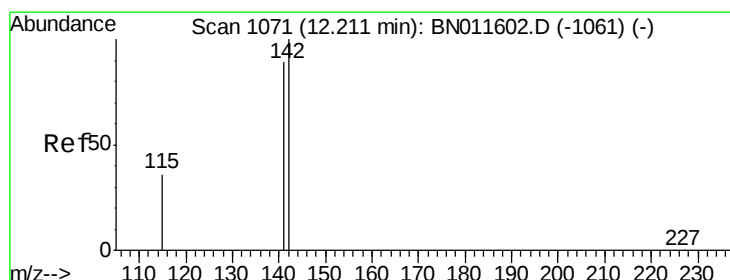
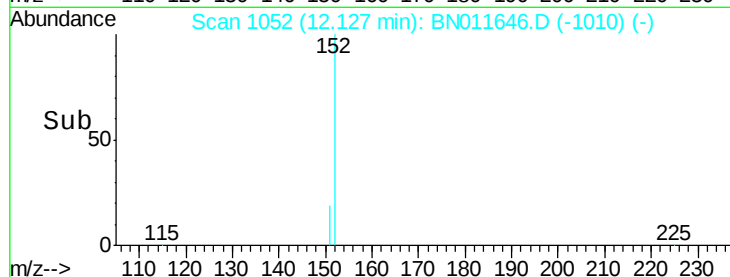
3000

2000

1000

0

Time--> 12.05 12.10 12.15 12.20



#12

2-Methylnaphthalene

Concen: 0.388 ng

RT: 12.20 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

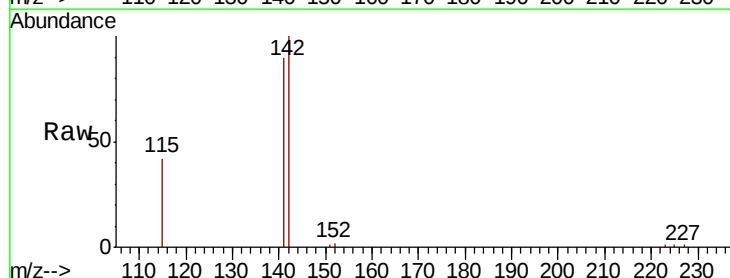
Tgt Ion:142 Resp: 5978

Ion Ratio Lower Upper

142 100

141 89.9 72.7 109.1

115 41.5 32.7 49.1



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

12.20

5000

4000

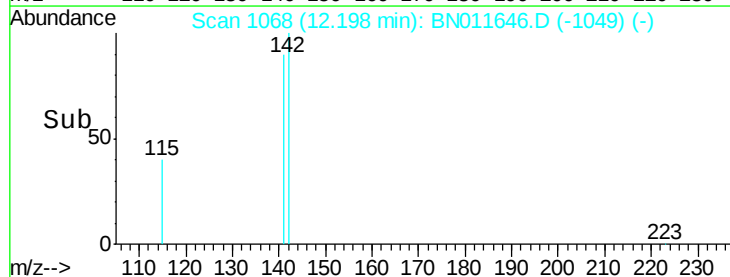
3000

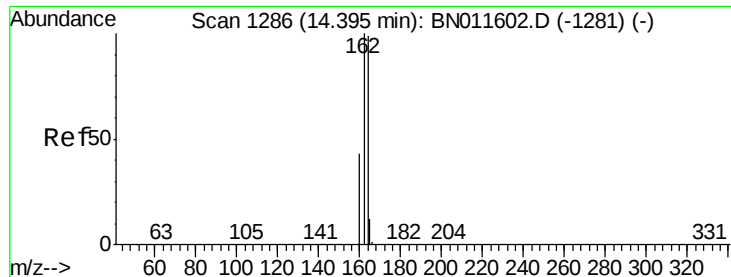
2000

1000

0

Time--> 12.15 12.20 12.25





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

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PB131185BSD

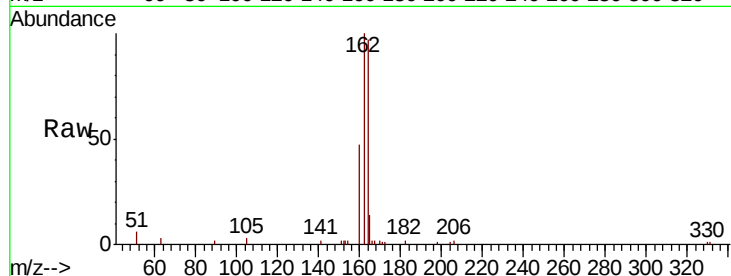
Tot Ion:164 Resp: 4562

Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

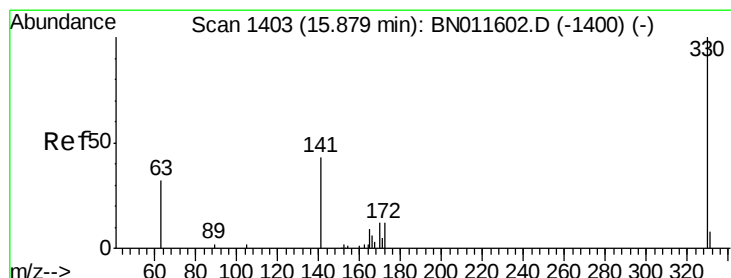
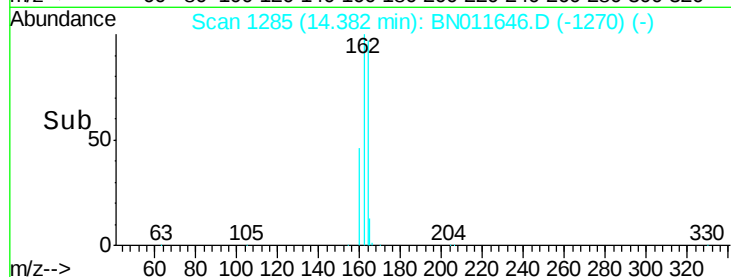
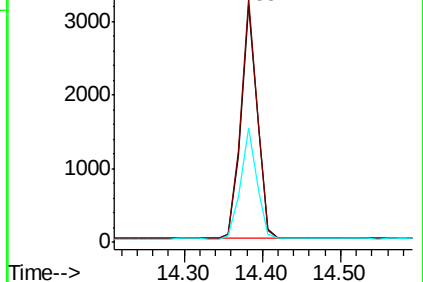
160 48.5 35.6 53.4



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: 0.352 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

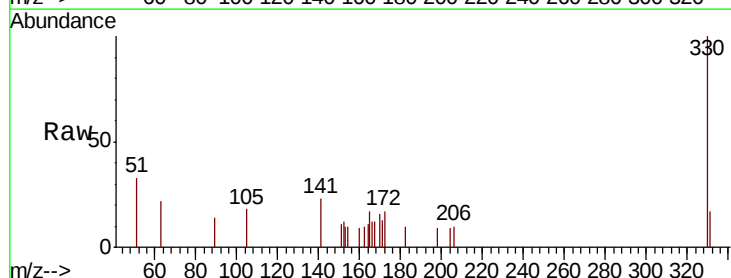
Tgt Ion:330 Resp: 883

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

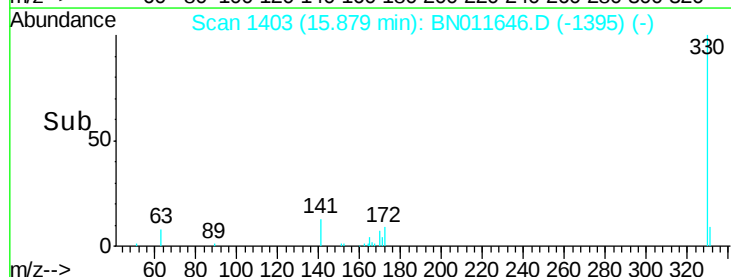
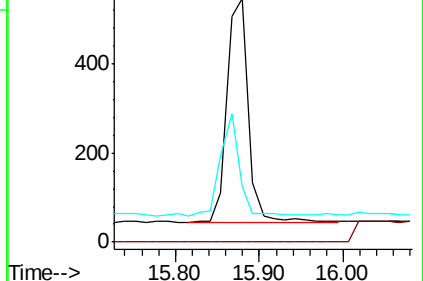
141 39.4 29.4 44.2

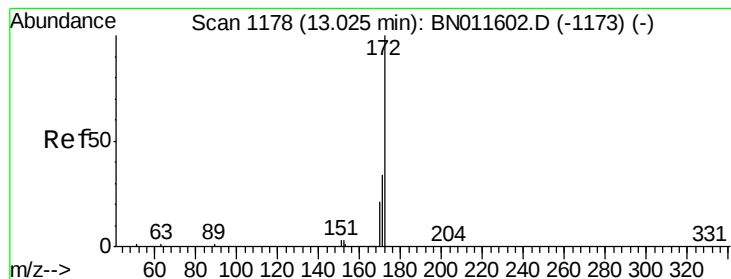


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.419 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

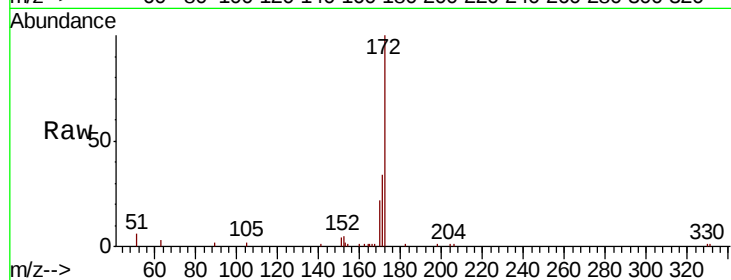
Tot Ion:172 Resp: 7434

Ion Ratio Lower Upper

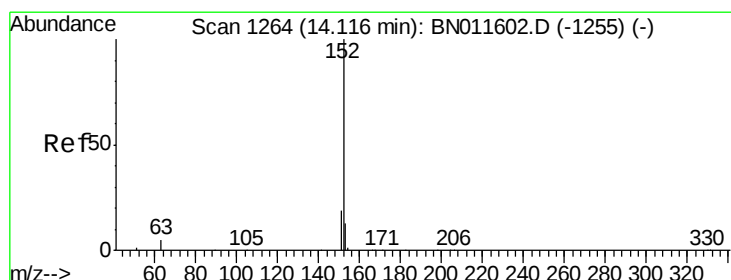
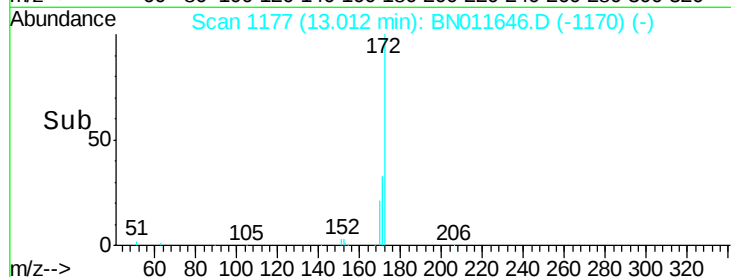
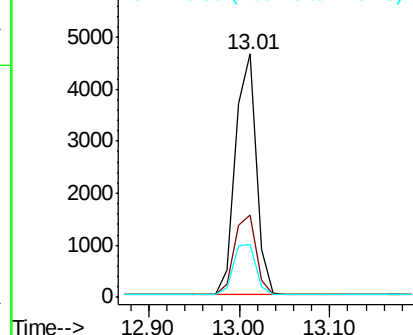
172 100

171 34.0 28.6 42.8

170 21.9 18.2 27.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.354 ng

RT: 14.10 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

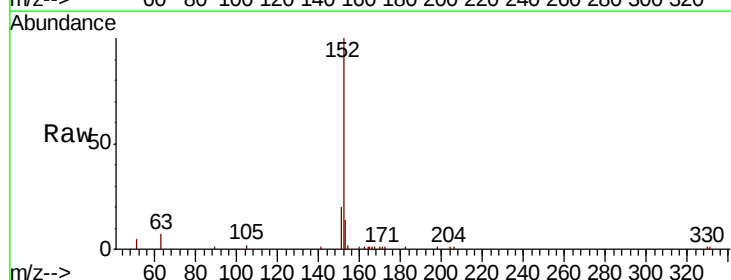
Tgt Ion:152 Resp: 8522

Ion Ratio Lower Upper

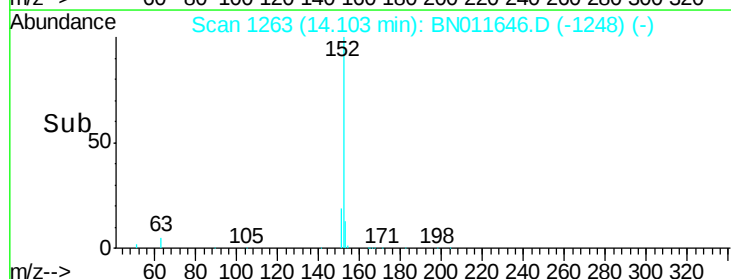
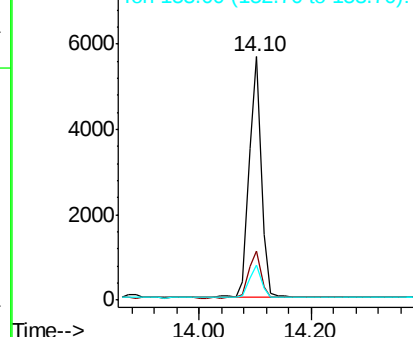
152 100

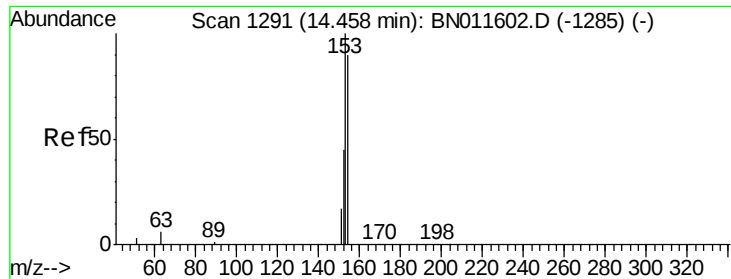
151 19.8 16.2 24.2

153 13.7 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.397 ng

RT: 14.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

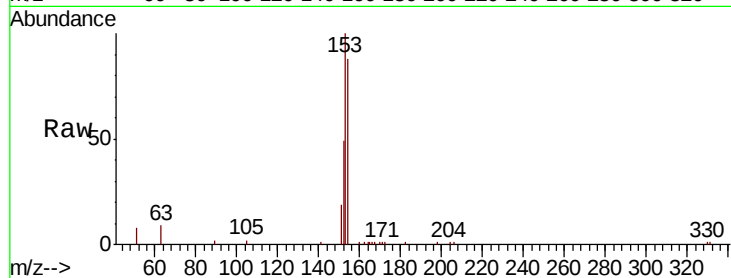
Tot Ion:154 Resp: 6046

Ion Ratio Lower Upper

154 100

153 109.0 86.6 130.0

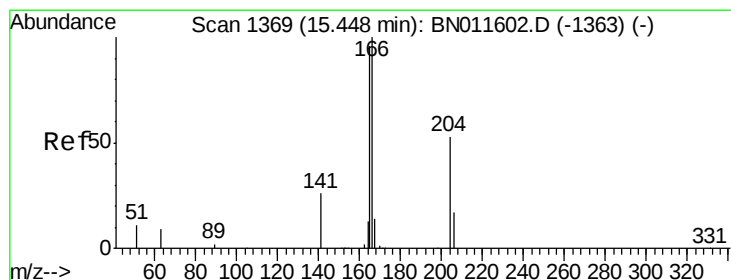
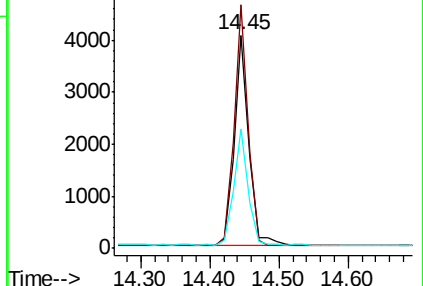
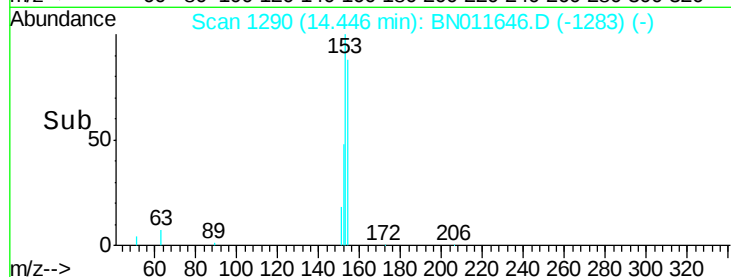
152 53.0 40.1 60.1



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: 0.388 ng

RT: 15.44 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

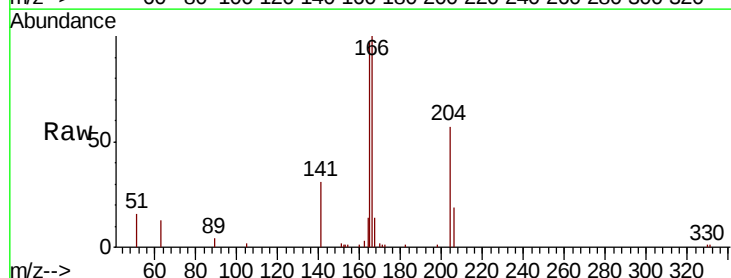
Tgt Ion:166 Resp: 7658

Ion Ratio Lower Upper

166 100

165 98.5 77.4 116.2

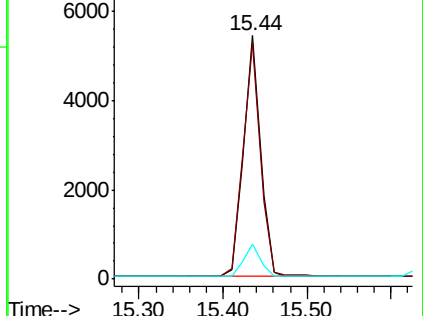
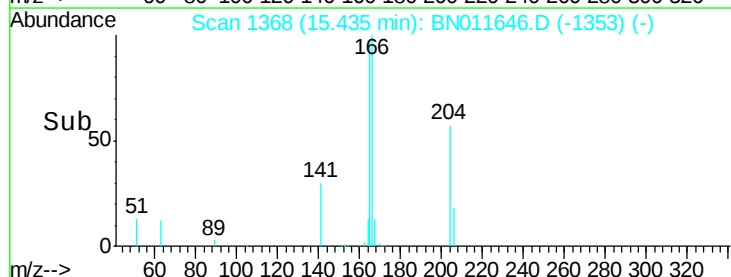
167 13.6 11.5 17.3

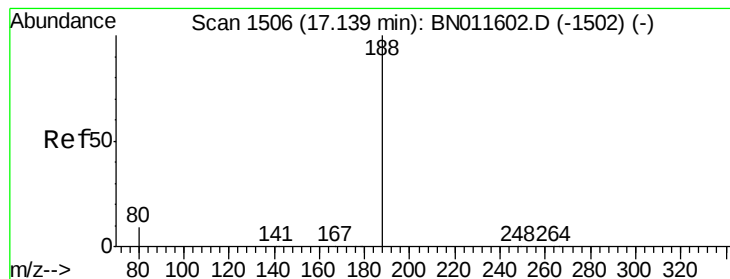


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

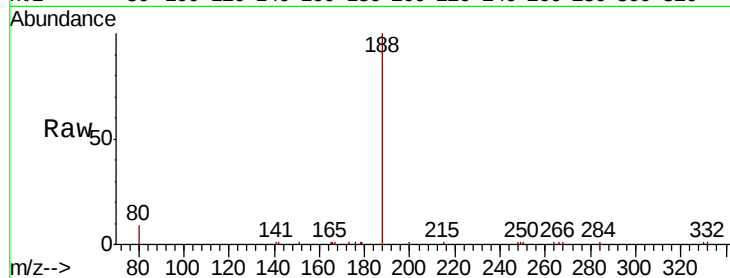
Tot Ion:188 Resp: 10171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

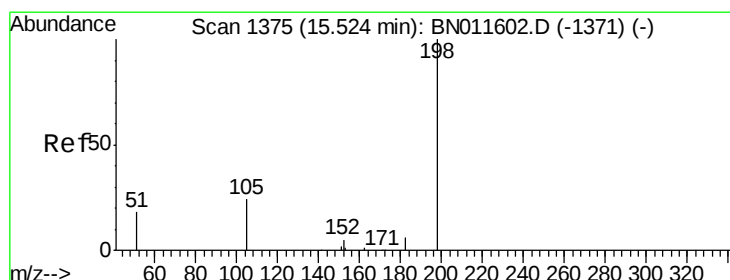
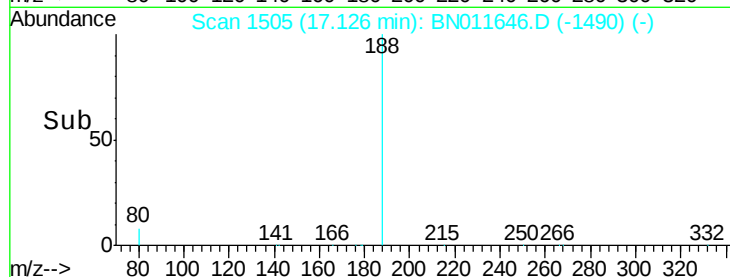
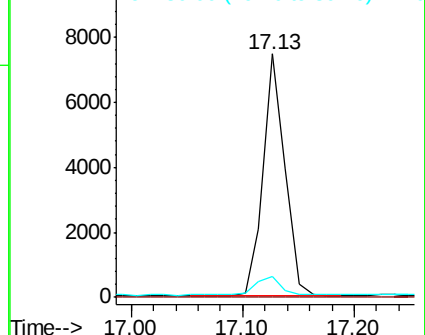
80 8.8 9.2 13.8#



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: 0.481 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

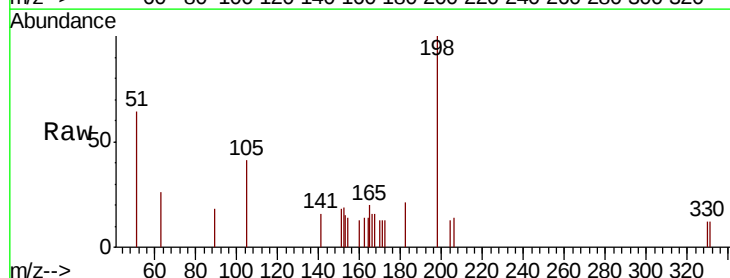
Tgt Ion:198 Resp: 564

Ion Ratio Lower Upper

198 100

51 63.8 99.6 149.4#

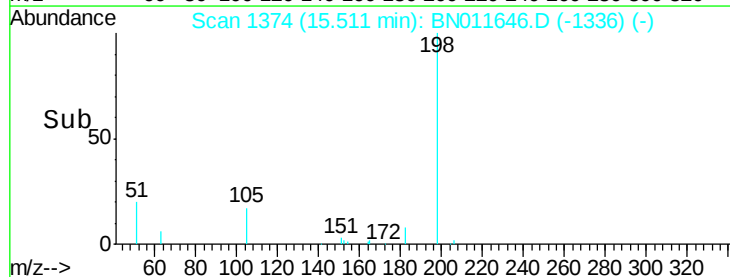
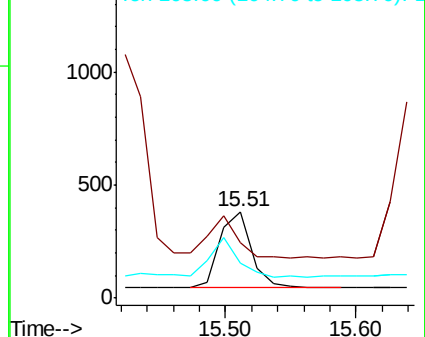
105 40.6 118.8 178.2#

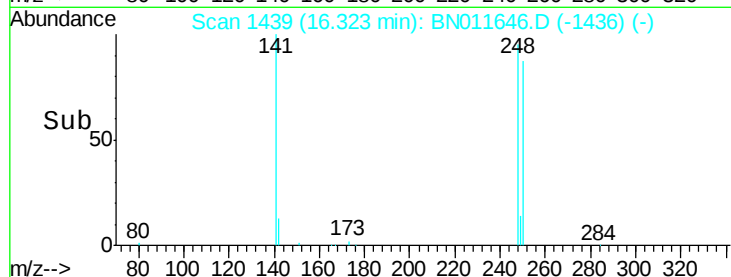
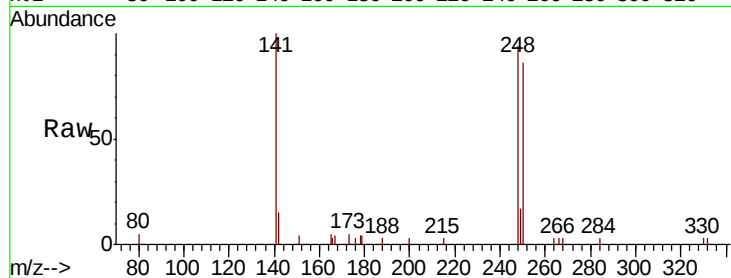
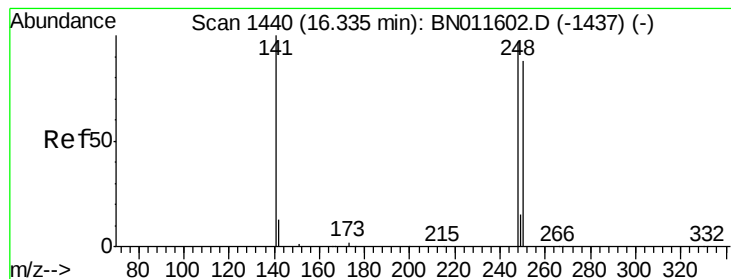


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.387 ng

RT: 16.32 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

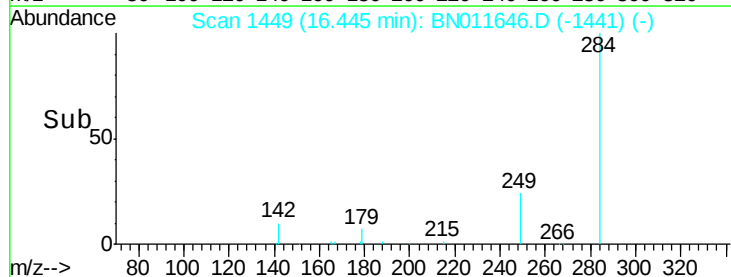
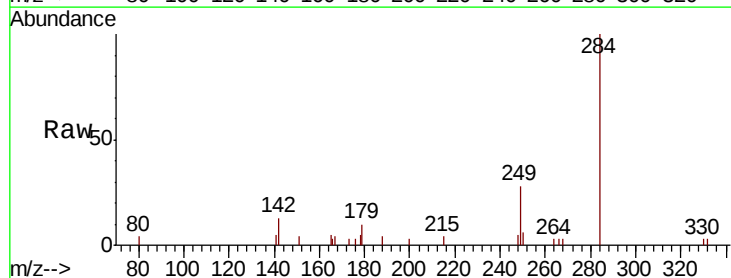
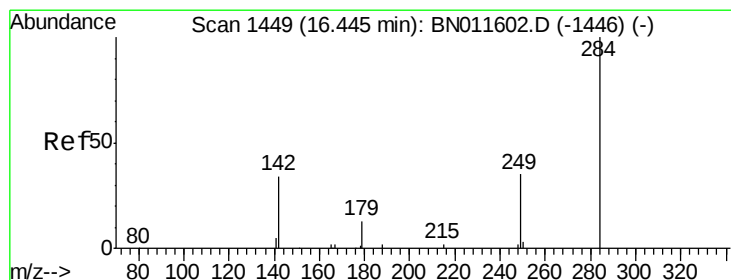
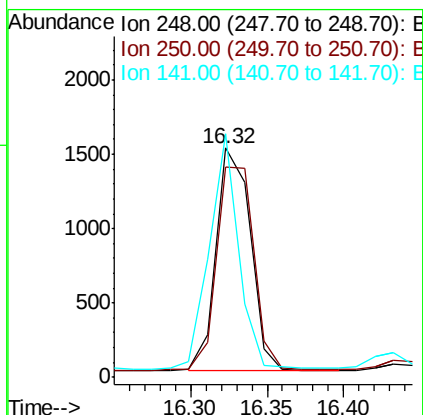
Tot Ion:248 Resp: 2298

Ion Ratio Lower Upper

248 100

250 91.8 73.4 110.2

141 106.3 88.5 132.7



#22

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.44 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

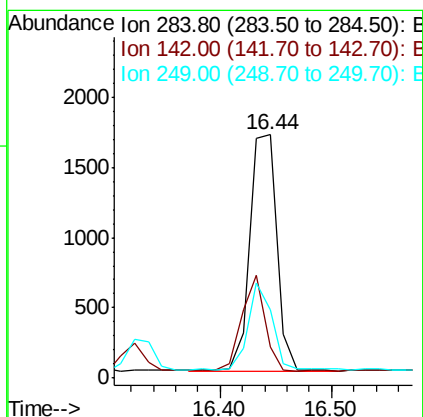
Tgt Ion:284 Resp: 2845

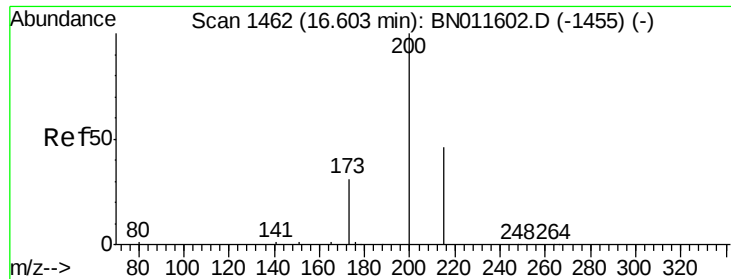
Ion Ratio Lower Upper

284 100

142 34.4 27.3 40.9

249 32.3 25.2 37.8

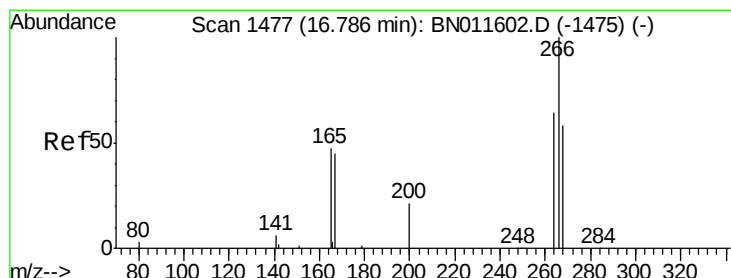
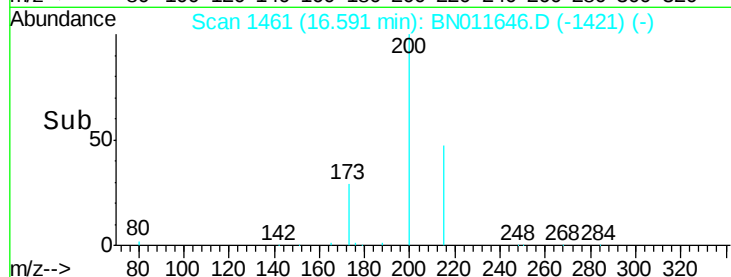
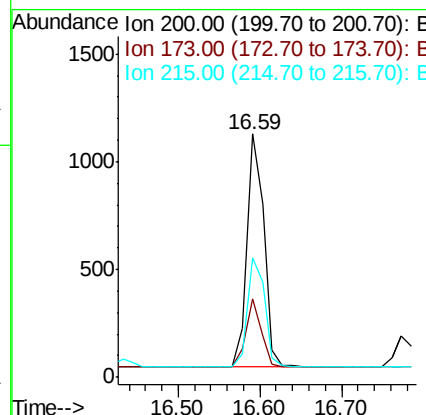
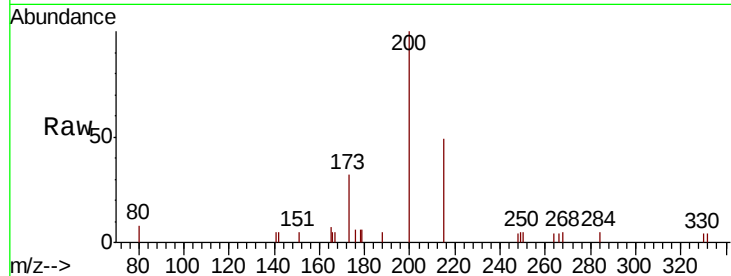




#23
Atrazine
Concen: 0.265 ng
RT: 16.59 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BN011646.D
Acq: 26 Aug 2020 15:44

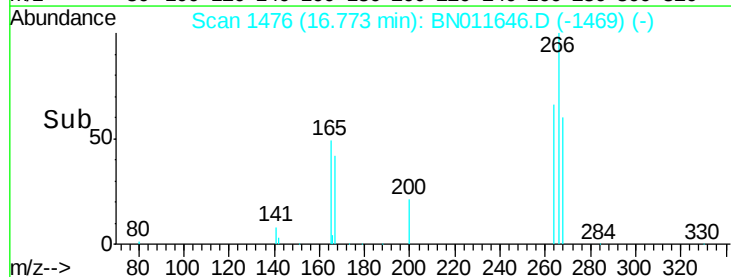
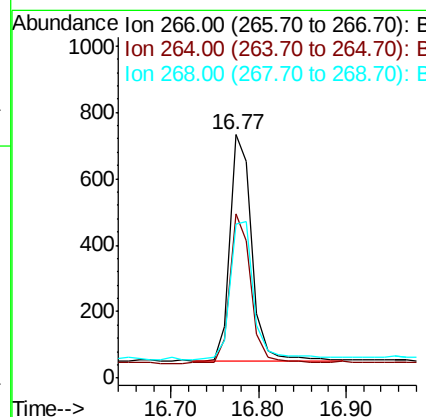
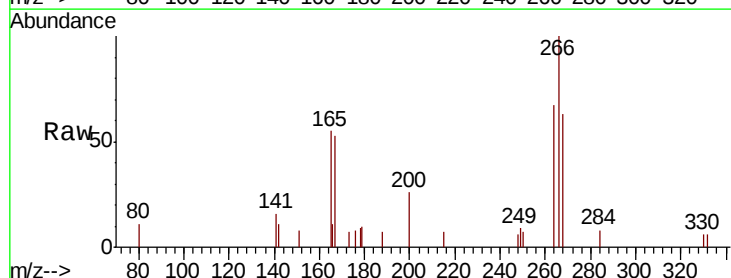
Instrument :
BNA_N
ClientSampleId :
PB131185BSD

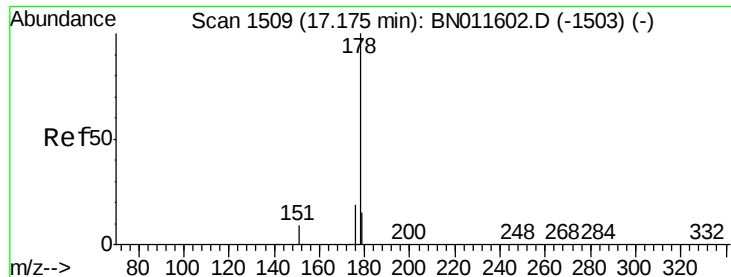
Tot Ion	Ratio	Lower	Upper
200	100		
173	32.3	28.2	42.4
215	48.9	39.8	59.6



#24
Pentachlorophenol
Concen: 0.394 ng
RT: 16.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BN011646.D
Acq: 26 Aug 2020 15:44

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.0	48.1	72.1
268	65.6	48.4	72.6





#25

Phenanthrene

Concen: 0.409 ng

RT: 17.18 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

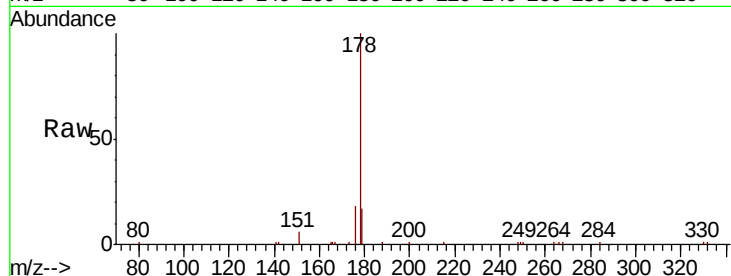
Tot Ion:178 Resp: 12917

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

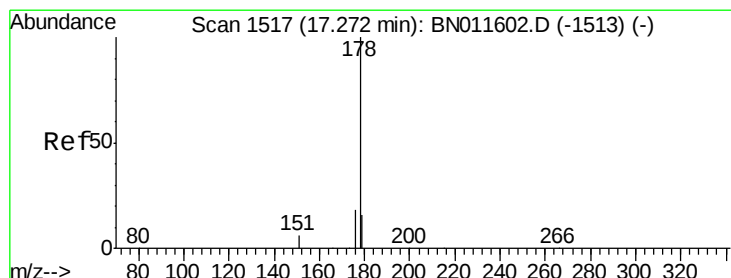
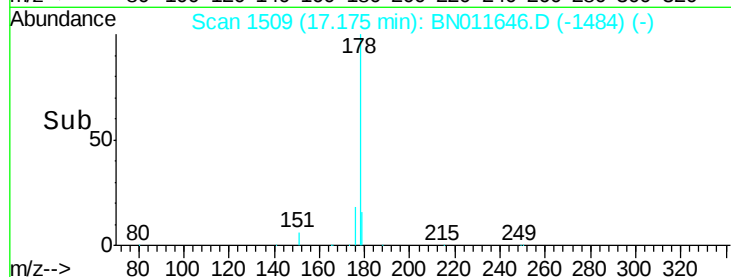
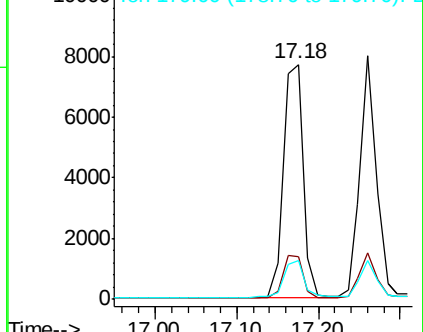
179 16.1 12.6 18.8



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



#26

Anthracene

Concen: 0.359 ng

RT: 17.26 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

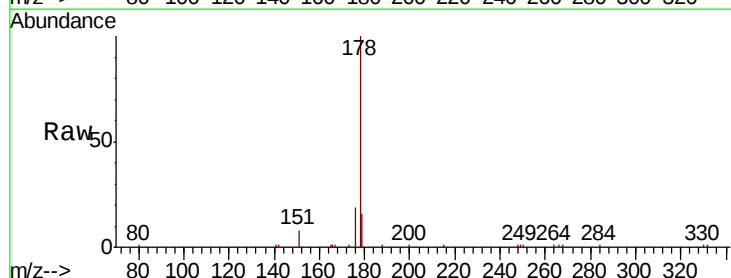
Tgt Ion:178 Resp: 11183

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

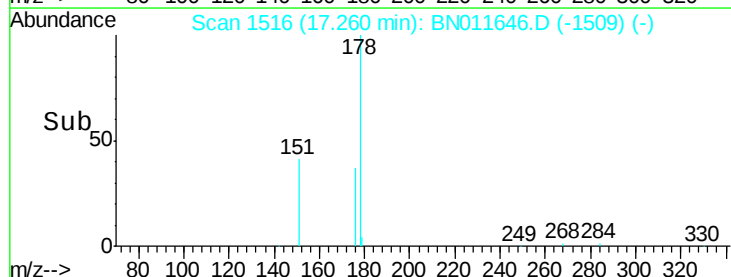
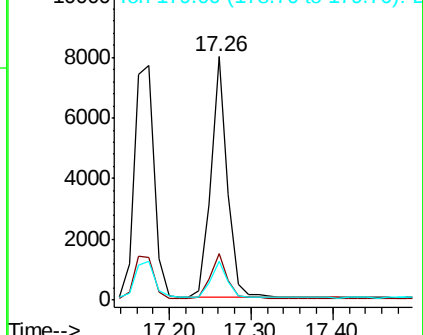
179 15.4 12.5 18.7

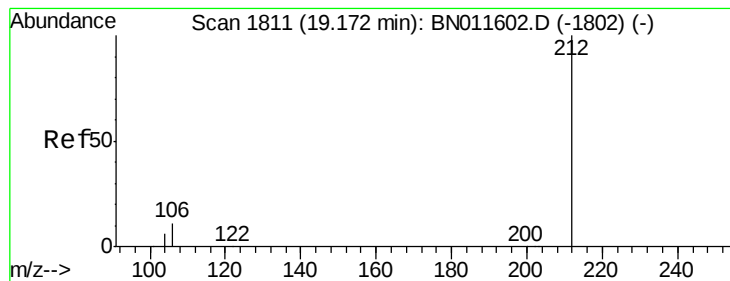


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.16 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

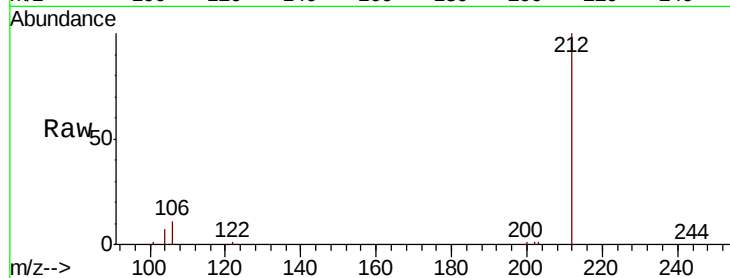
Tot Ion:212 Resp: 12776

Ion Ratio Lower Upper

212 100

106 9.6 8.9 13.3

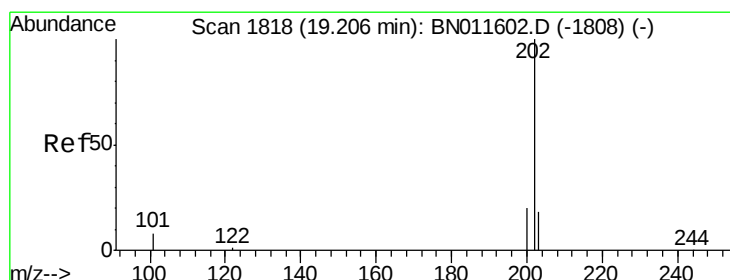
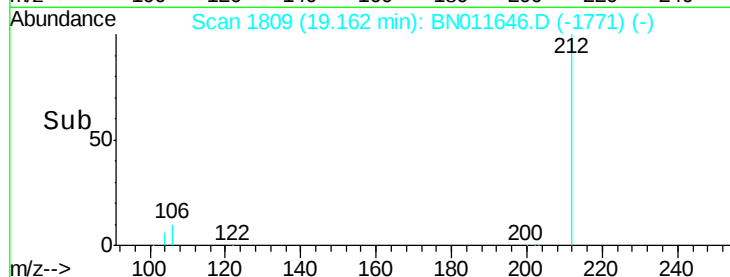
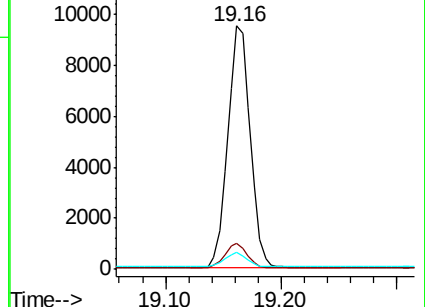
104 5.8 5.3 7.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#28

Fluoranthene

Concen: 0.400 ng

RT: 19.19 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

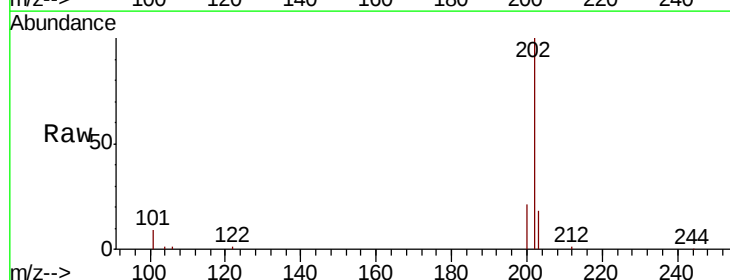
Tgt Ion:202 Resp: 15304

Ion Ratio Lower Upper

202 100

101 8.2 7.7 11.5

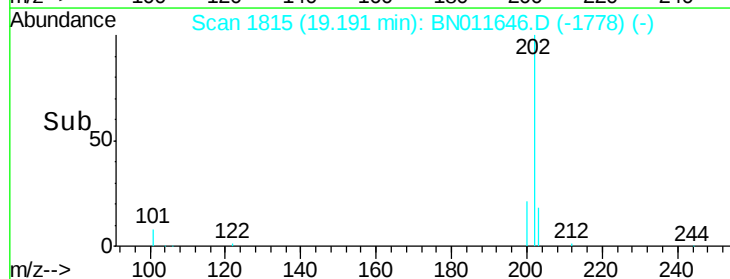
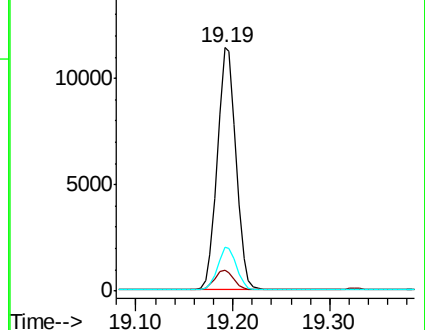
203 17.3 13.9 20.9

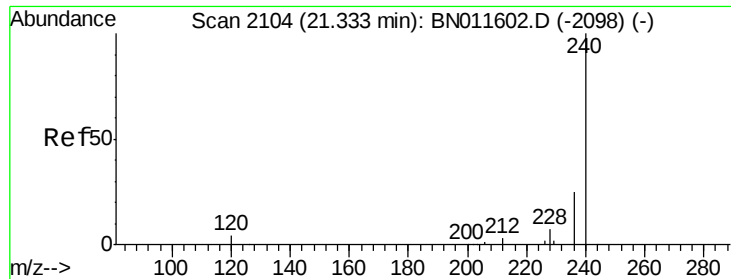


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

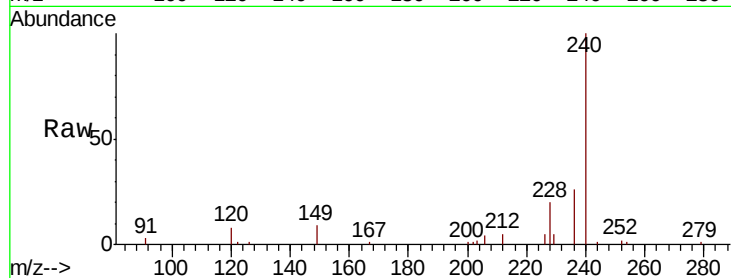
Tot Ion:240 Resp: 11568

Ion Ratio Lower Upper

240 100

120 7.9 6.0 9.0

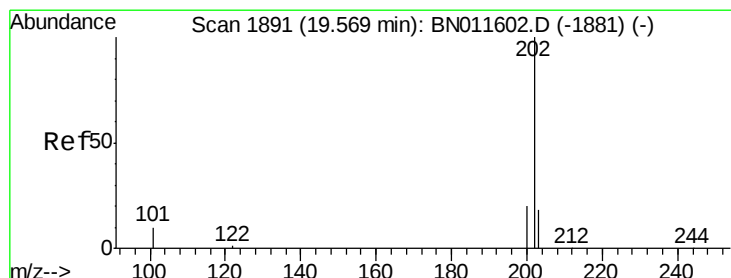
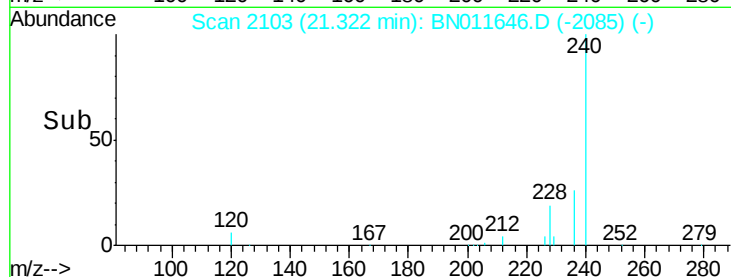
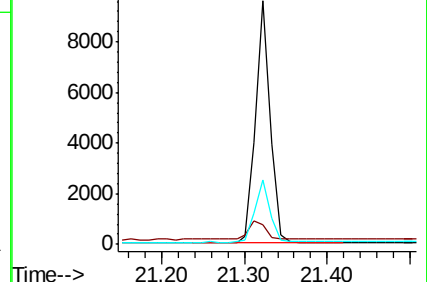
236 26.4 20.8 31.2



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: 0.386 ng

RT: 19.56 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

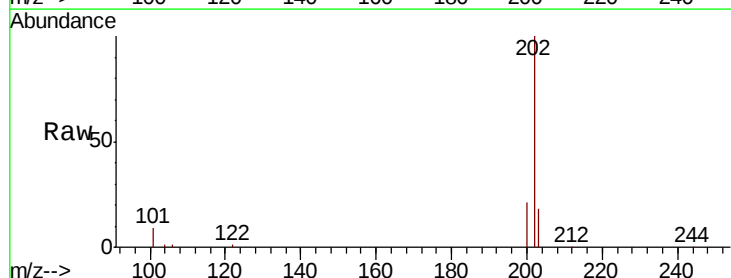
Tgt Ion:202 Resp: 15824

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

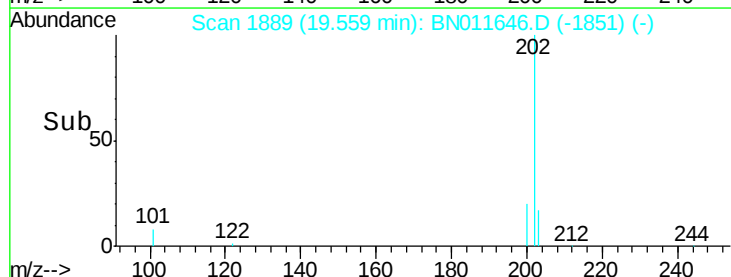
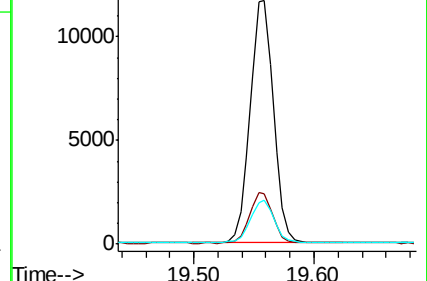
203 17.5 14.2 21.4

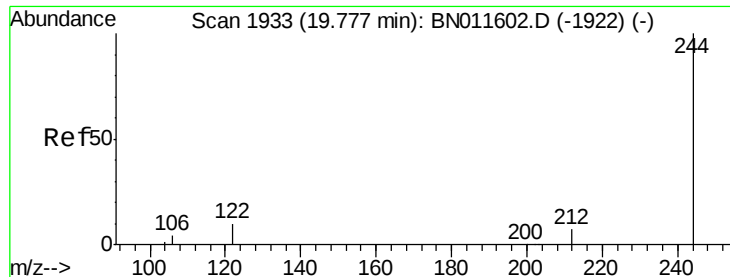


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.393 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

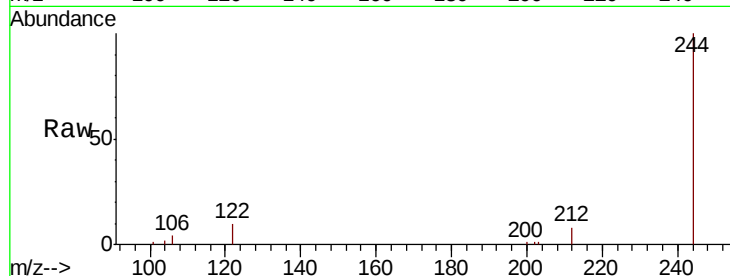
Tot Ion:244 Resp: 11603

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

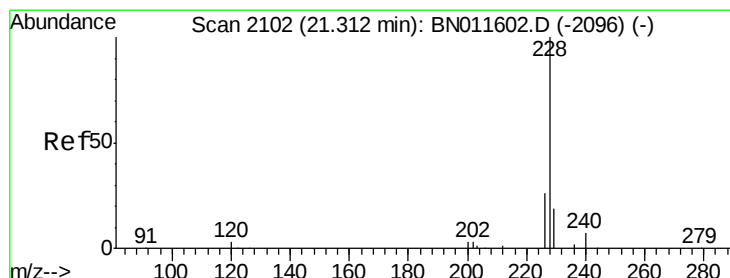
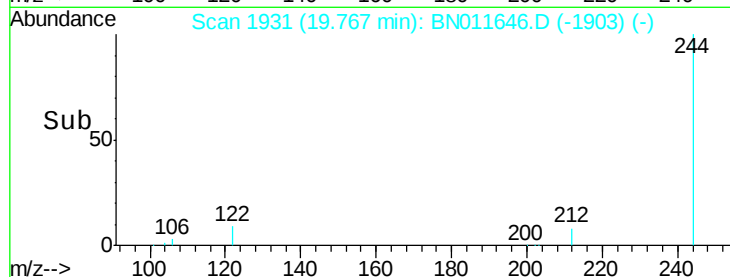
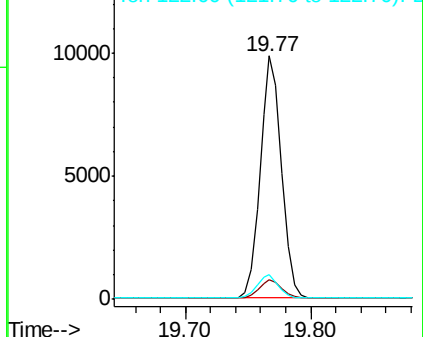
122 9.9 9.5 14.3



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: 0.398 ng

RT: 21.30 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

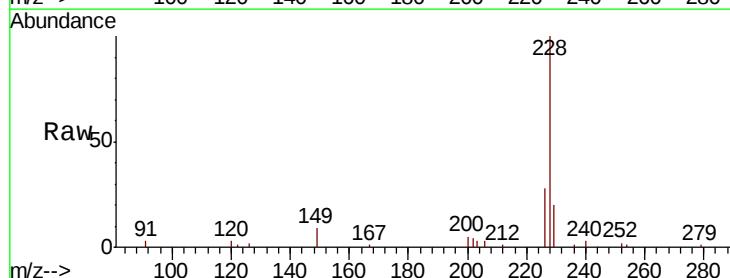
Tgt Ion:228 Resp: 16607

Ion Ratio Lower Upper

228 100

226 27.8 21.2 31.8

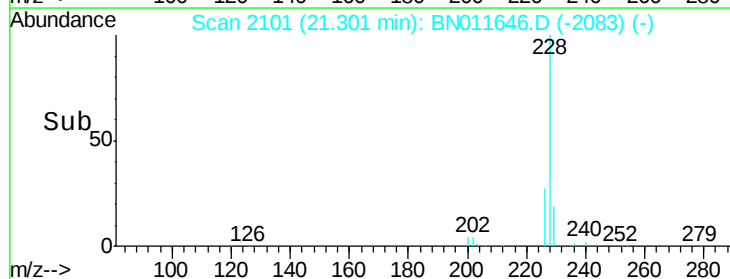
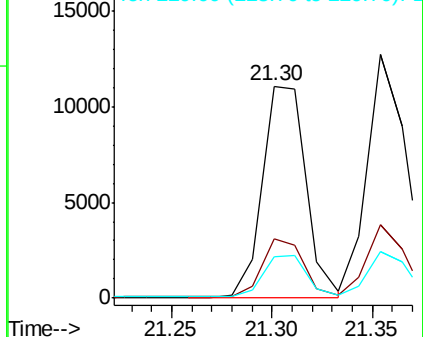
229 19.5 15.8 23.8

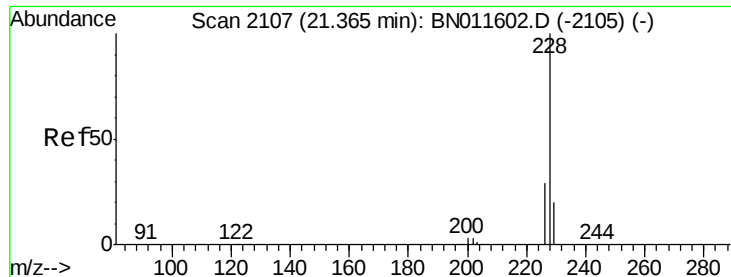


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.417 ng

RT: 21.35 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

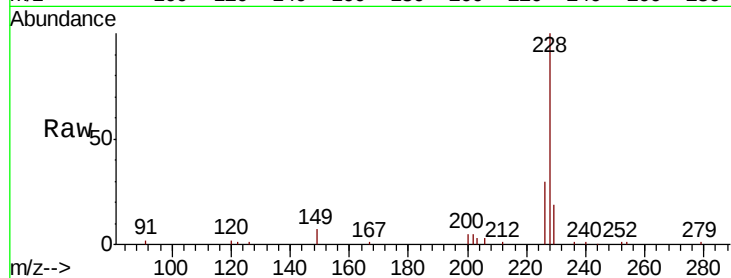
Tot Ion:228 Resp: 16599

Ion Ratio Lower Upper

228 100

226 30.4 23.6 35.4

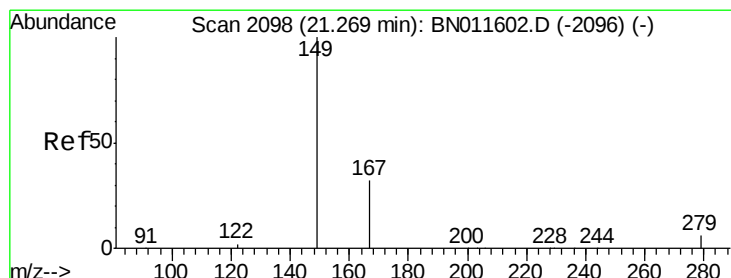
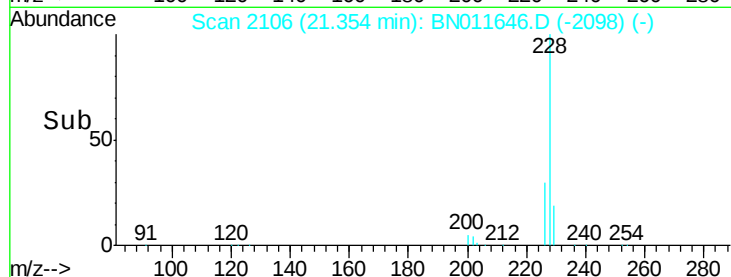
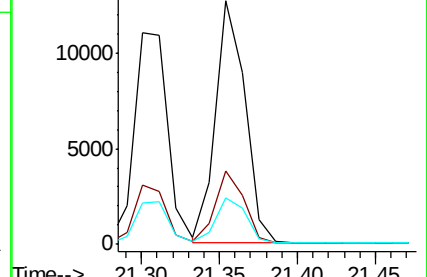
229 19.3 16.0 24.0



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.227 ng

RT: 21.25 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

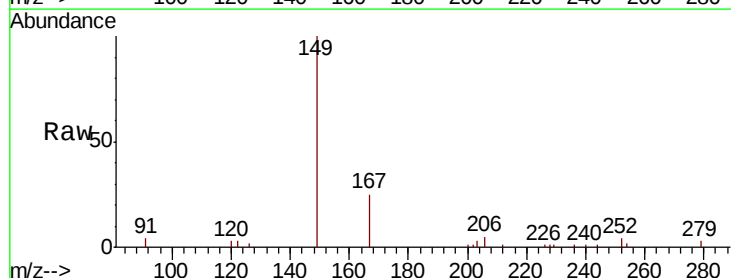
Tgt Ion:149 Resp: 7405

Ion Ratio Lower Upper

149 100

167 28.3 20.6 31.0

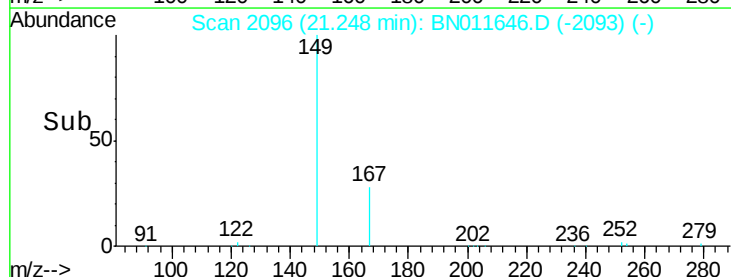
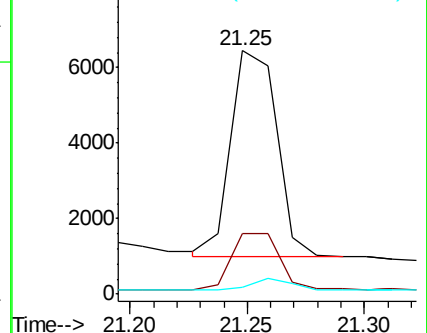
279 5.1 3.8 5.8

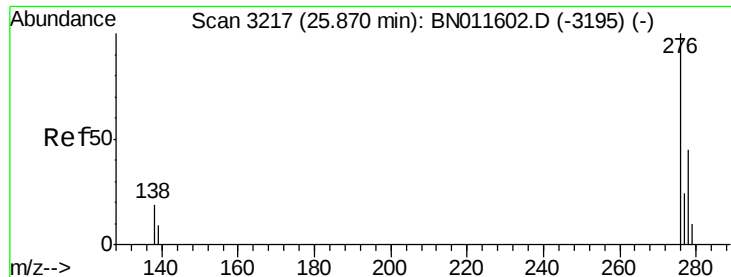


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

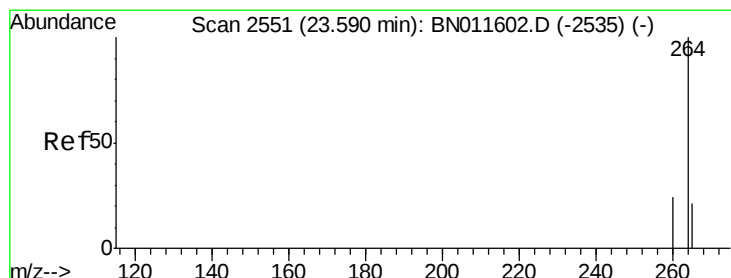
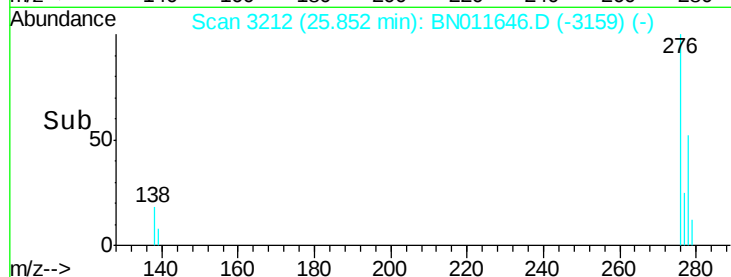
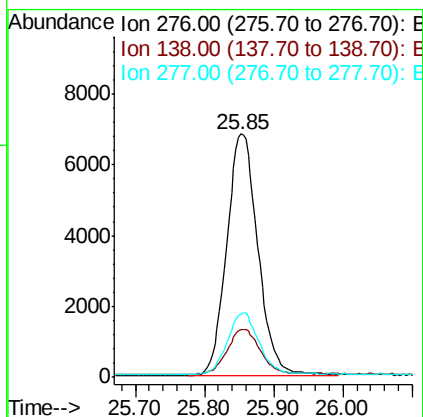
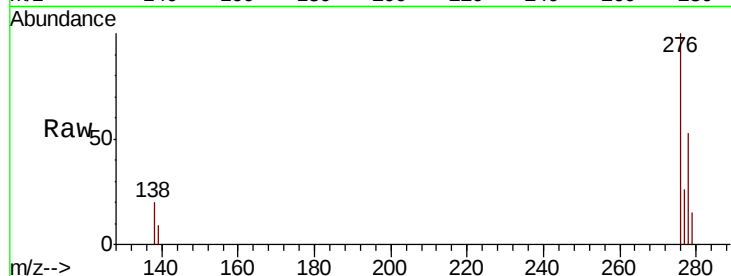




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.441 ng
 RT: 25.85 min Scan# 3212
 Delta R.T. -0.02 min
 Lab File: BN011646.D
 Acq: 26 Aug 2020 15:44

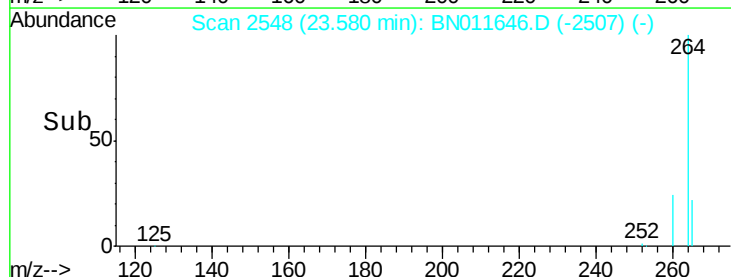
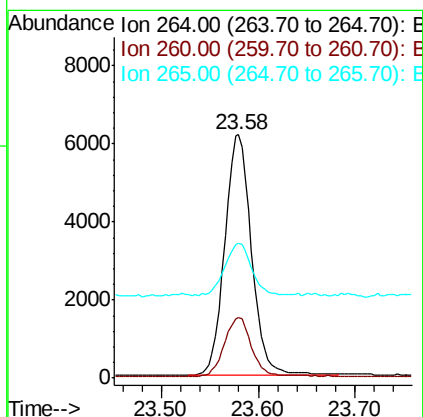
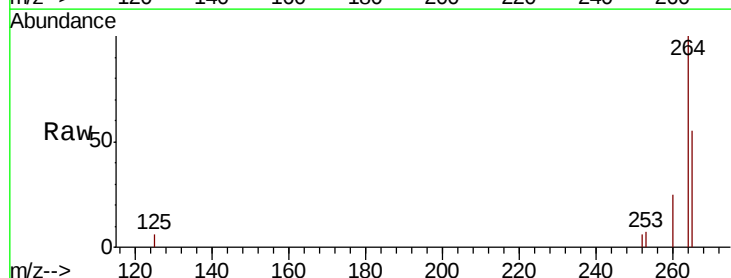
Instrument :
 BNA_N
 ClientSampleId :
 PB131185BSD

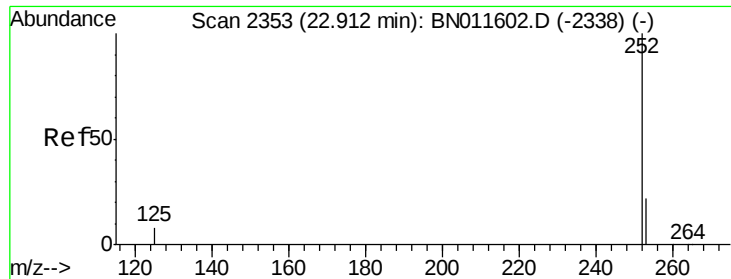
Tot Ion:276 Resp: 21421
 Ion Ratio Lower Upper
 276 100
 138 19.2 0.0 0.0#
 277 25.4 0.0 0.0#



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BN011646.D
 Acq: 26 Aug 2020 15:44

Tgt Ion:264 Resp: 11891
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 55.3 40.7 61.1





#37

Benzo(b)fluoranthene

Concen: 0.417 ng

RT: 22.95 min Scan# 2363

Delta R.T. 0.03 min

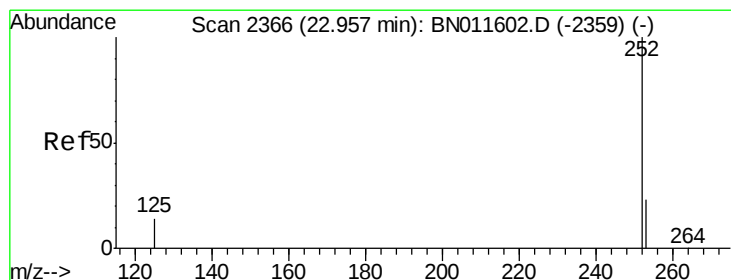
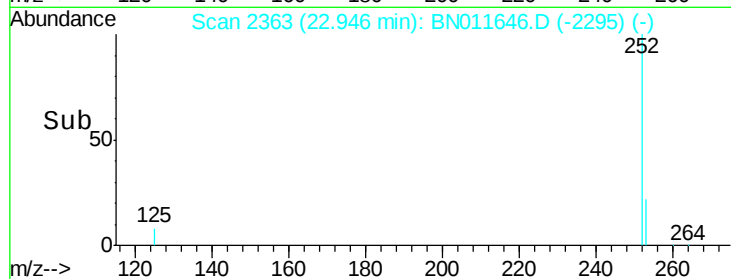
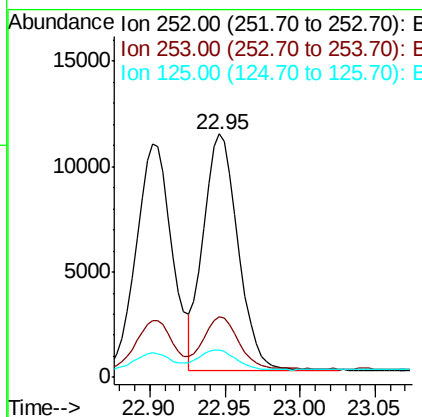
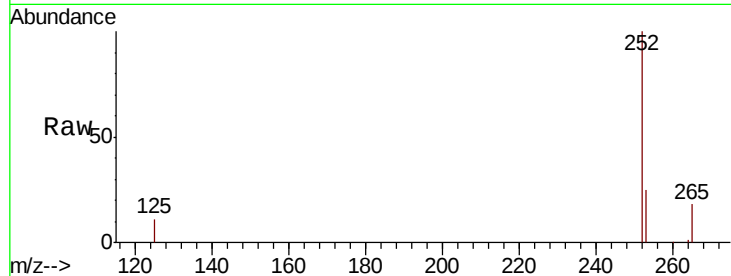
Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :
BNA_N
ClientSampleId :
PB131185BSD

Tot Ion:252 Resp: 17953

Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.0	31.6
125	11.2	11.0	16.6



#38

Benzo(k)fluoranthene

Concen: 0.419 ng

RT: 22.95 min Scan# 2363

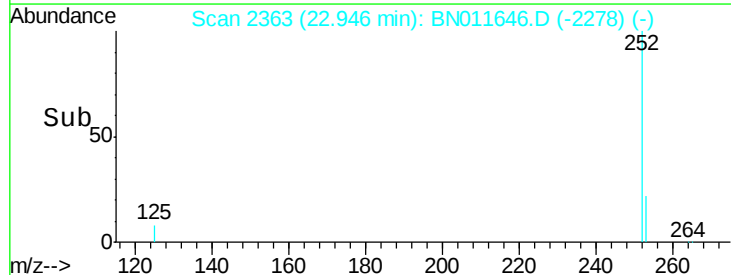
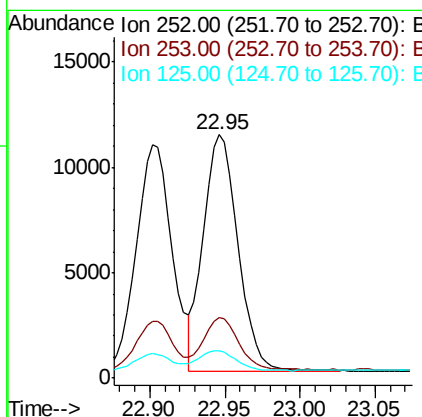
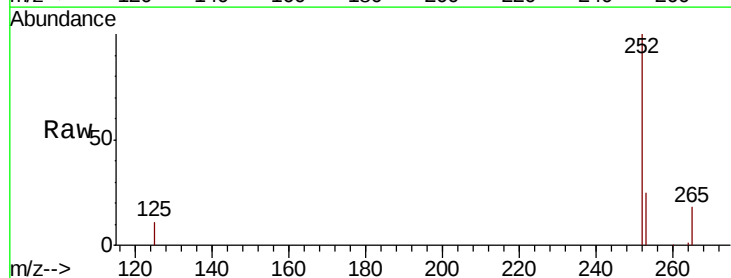
Delta R.T. -0.01 min

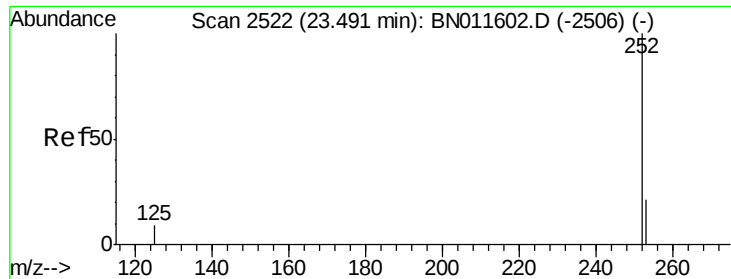
Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Tgt Ion:252 Resp: 17953

Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.2	31.8
125	11.2	14.6	21.8#





#39

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.48 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD

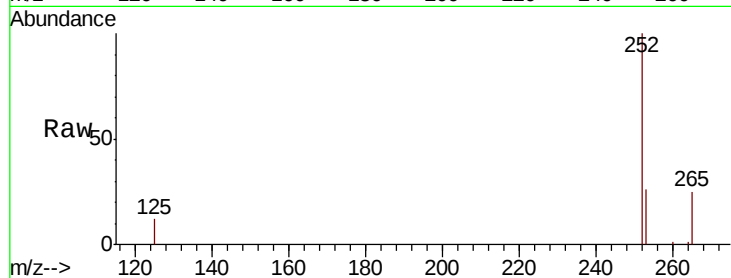
Tot Ion:252 Resp: 15704

Ion Ratio Lower Upper

252 100

253 25.6 21.2 31.8

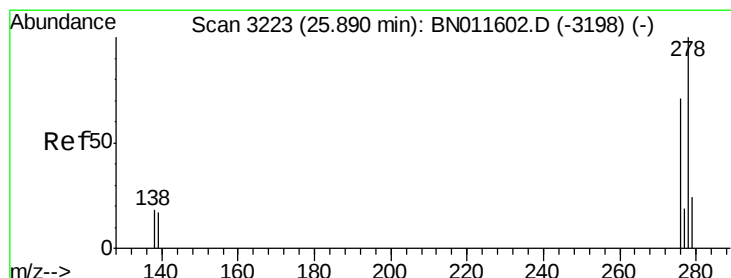
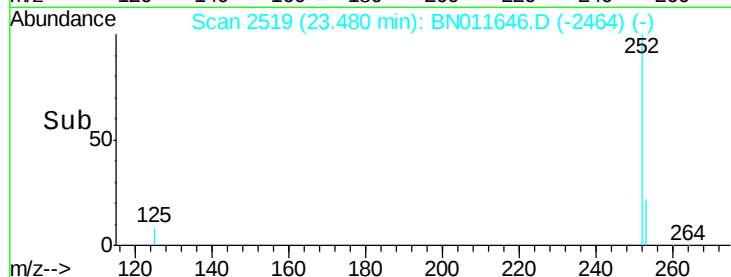
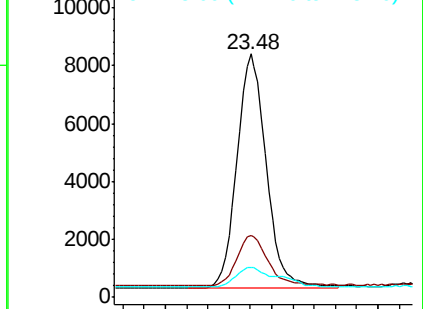
125 12.2 12.1 18.1



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: 0.424 ng

RT: 25.87 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BN011646.D

Acq: 26 Aug 2020 15:44

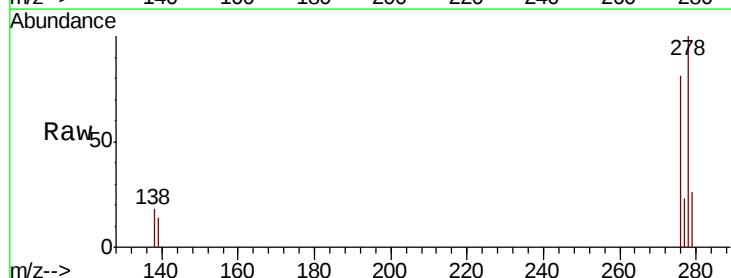
Tgt Ion:278 Resp: 17782

Ion Ratio Lower Upper

278 100

139 13.7 16.6 25.0#

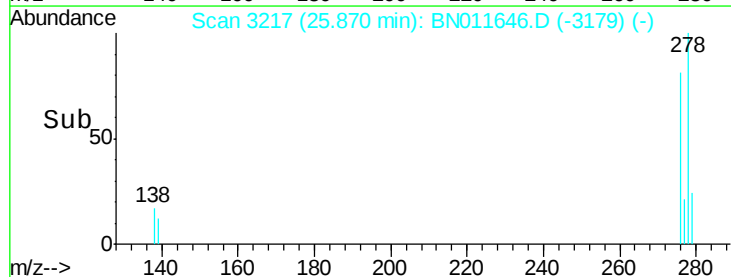
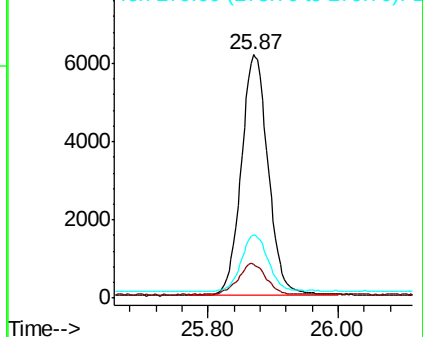
279 26.2 21.4 32.2

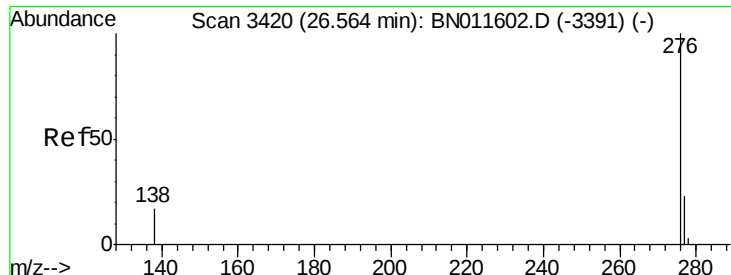


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.427 ng

RT: 26.55 min Scan# 3415

Delta R.T. -0.02 min

Lab File: BN011646.D

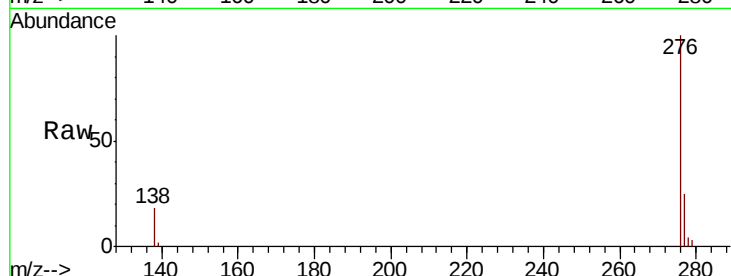
Acq: 26 Aug 2020 15:44

Instrument :

BNA_N

ClientSampleId :

PB131185BSD



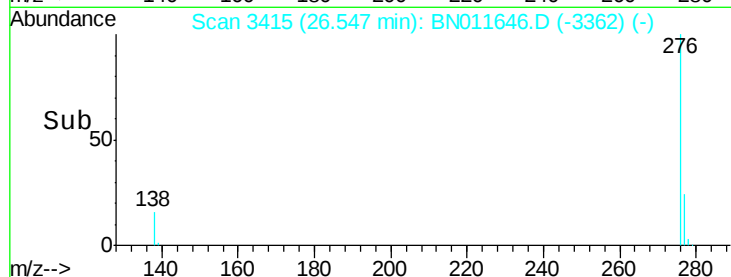
Tot Ion: 276 Resp: 17409

Ion Ratio Lower Upper

276 100

277 25.3 20.5 30.7

138 17.9 17.8 26.6



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

