

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011227.D
 Acq On : 22 Jul 2020 20:49
 Operator : CG/JU
 Sample : PB130401BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130401BSD

Quant Time: Jul 23 03:56:37 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	1466	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5082	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	2947	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	6297	0.40	ng	0.00
29) Chrysene-d12	21.09	240	4767	0.40	ng	-0.01
36) Perylene-d12	23.23	264	4468	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1297	0.36	ng	0.00
5) Phenol-d6	6.69	99	1481	0.36	ng	0.00
8) Nitrobenzene-d5	8.63	82	1838	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.84	152	2916	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	392	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5372	0.39	ng	0.00
27) Fluoranthene-d10	18.92	212	5724	0.29	ng	0.00
31) Terphenyl-d14	19.54	244	5799	0.47	ng	0.00

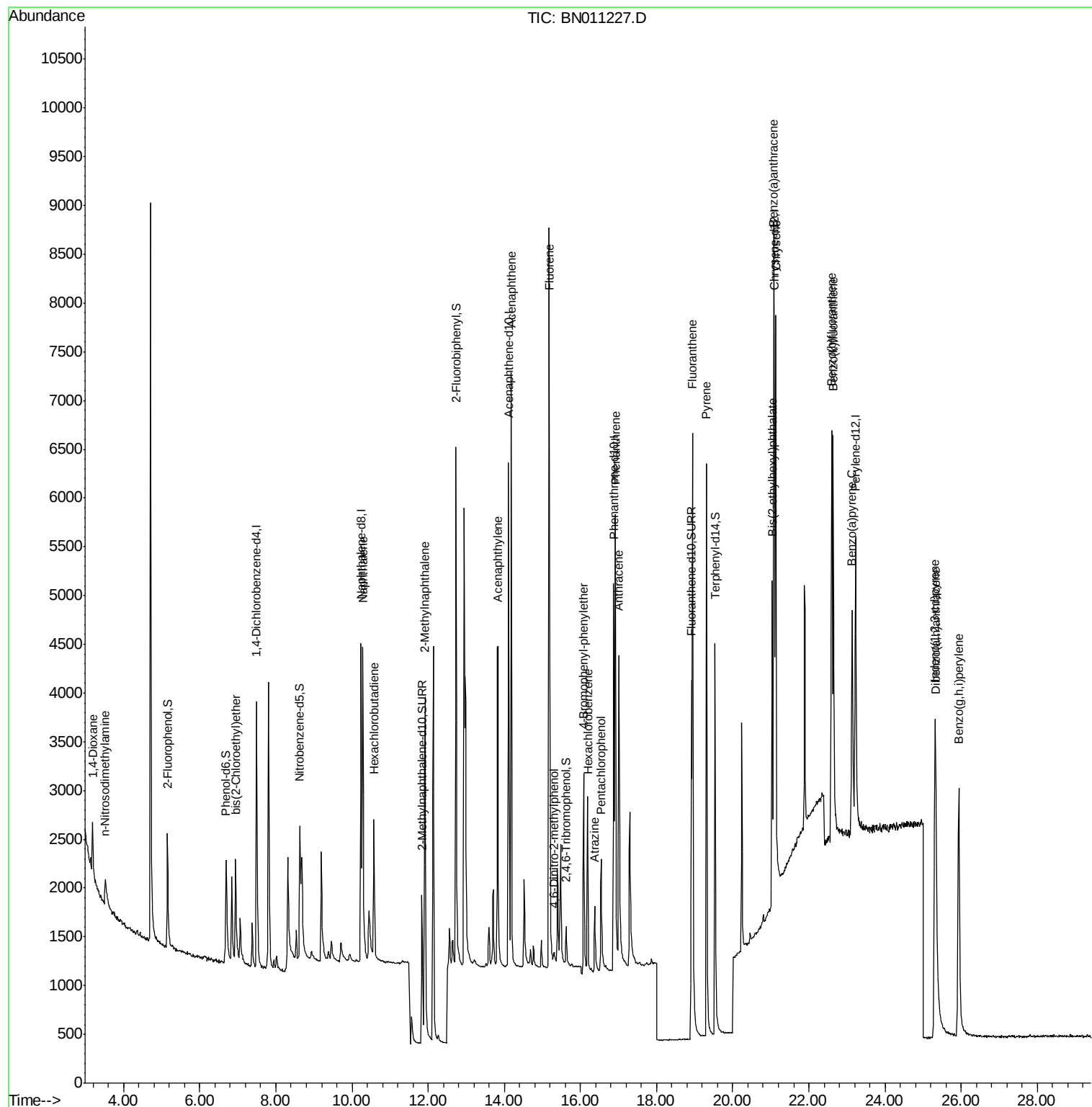
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	468	0.223	ng	# 42
3) n-Nitrosodimethylamine	3.51	42	304	0.288	ng	# 84
6) bis(2-Chloroethyl)ether	6.94	93	1286	0.344	ng	93
9) Naphthalene	10.29	128	4784	0.316	ng	99
10) Hexachlorobutadiene	10.58	225	1132	0.302	ng	# 98
12) 2-Methylnaphthalene	11.91	142	3258	0.343	ng	98
16) Acenaphthylene	13.84	152	4677	0.312	ng	100
17) Acenaphthene	14.18	154	3018	0.302	ng	97
18) Fluorene	15.18	166	3922	0.306	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	235	0.333	ng	94
21) 4-Bromophenyl-phenylether	16.08	248	1246	0.291	ng	94
22) Hexachlorobenzene	16.19	284	1412	0.284	ng	96
23) Atrazine	16.37	200	844	0.281	ng	97
24) Pentachlorophenol	16.54	266	802	0.543	ng	95
25) Phenanthrene	16.92	178	6180	0.305	ng	100
26) Anthracene	17.00	178	5061	0.301	ng	99
28) Fluoranthene	18.95	202	6874	0.283	ng	99
30) Pvrene	19.31	202	6718	0.369	ng	99
32) Benzo(a)anthracene	21.08	228	4932	0.319	ng	98
33) Chrysene	21.13	228	6455	0.342	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	2253	0.354	ng	98
35) Indeno(1,2,3-cd)pyrene	25.31	276	6089	0.297	ng	99
37) Benzo(b)fluoranthene	22.60	252	5506	0.307	ng	97
38) Benzo(k)fluoranthene	22.64	252	6294	0.310	ng	95
39) Benzo(a)pyrene	23.13	252	4761	0.295	ng	92
40) Dibenzo(a,h)anthracene	25.34	278	4803	0.280	ng	# 91
41) Benzo(g,h,i)perylene	25.94	276	6003	0.319	ng	99

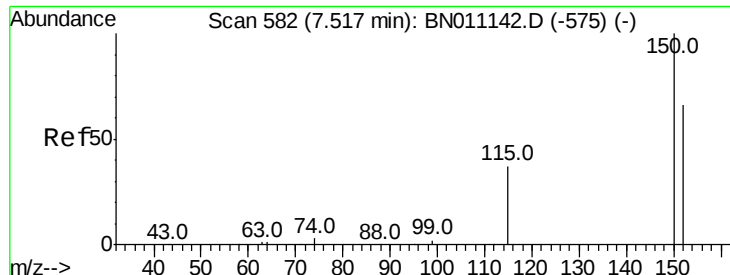
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 22 19:29:31 2020
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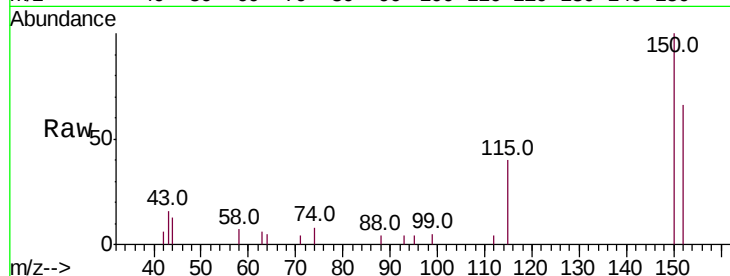


#1

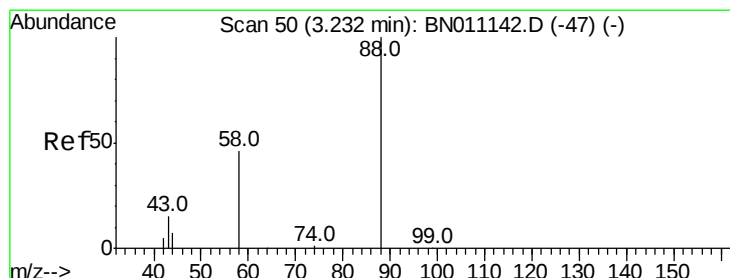
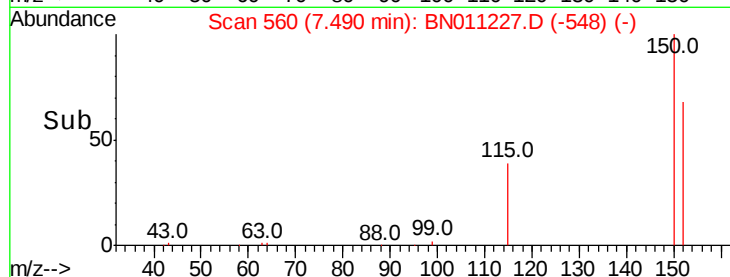
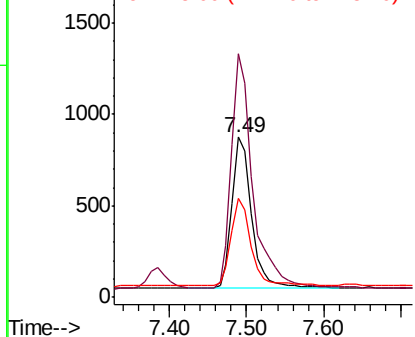
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tot Ion:152 Resp: 1466
Ion Ratio Lower Upper
152 100
150 152.1 119.4 179.0
115 61.5 48.3 72.5



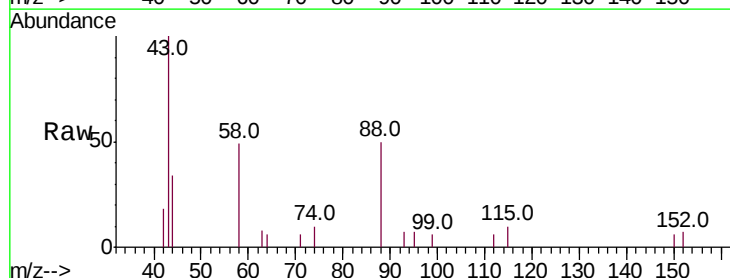
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



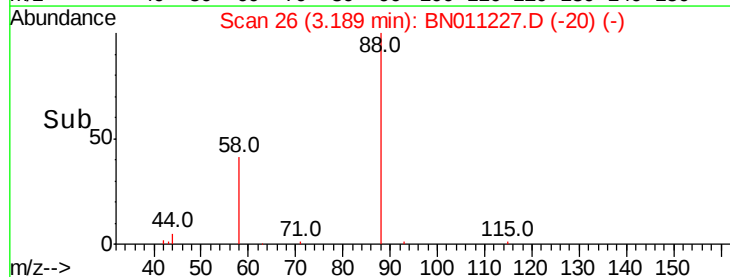
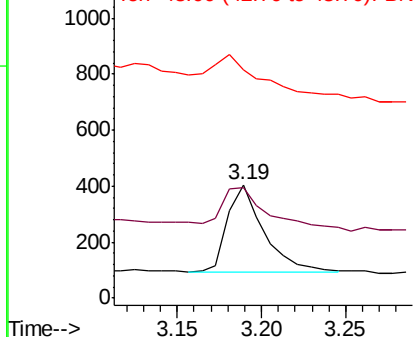
#2

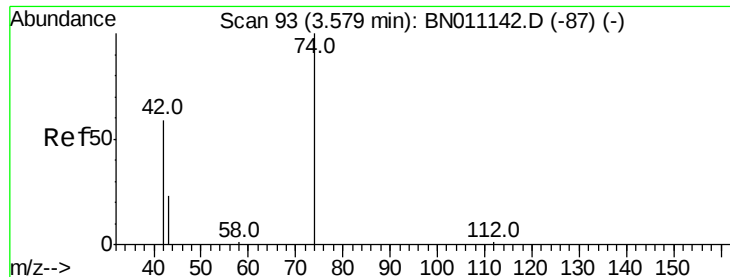
1,4-Dioxane
Concen: 0.223 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion: 88 Resp: 468
Ion Ratio Lower Upper
88 100
58 66.2 36.5 54.7#
43 72.9 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: 0.288 ng

RT: 3.51 min Scan# 66

Delta R.T. -0.02 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

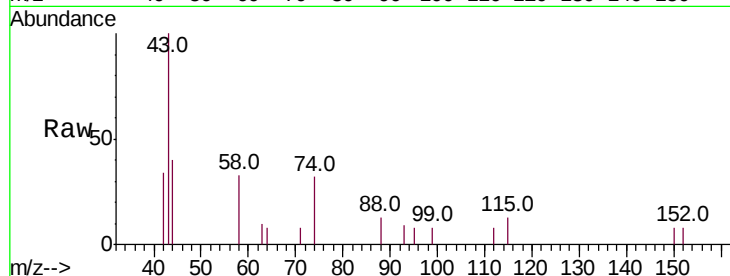
Tot Ion: 42 Resp: 304

Ion Ratio Lower Upper

42 100

74 198.4 140.9 211.3

44 4.9 7.6 11.4#



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

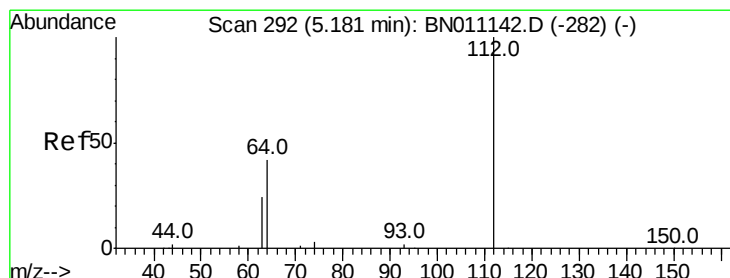
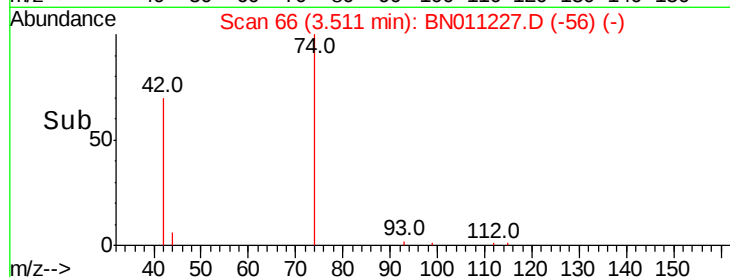
3.51

200

100

0

Time-->



#4

2-Fluorophenol

Concen: 0.359 ng

RT: 5.15 min Scan# 270

Delta R.T. 0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

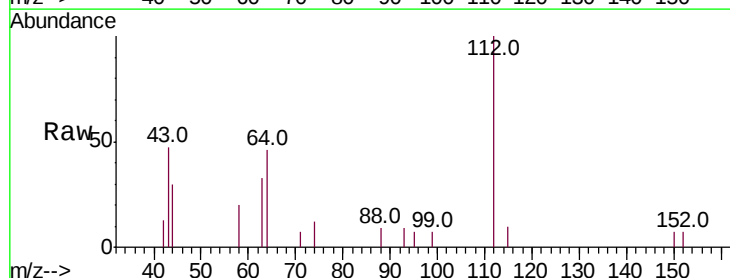
Tgt Ion: 112 Resp: 1297

Ion Ratio Lower Upper

112 100

64 44.7 36.7 55.1

63 27.7 20.4 30.6



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

5.15

800

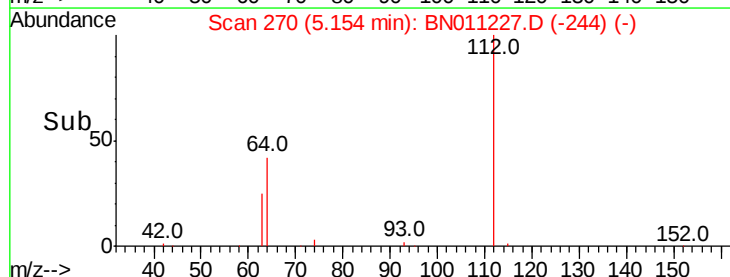
600

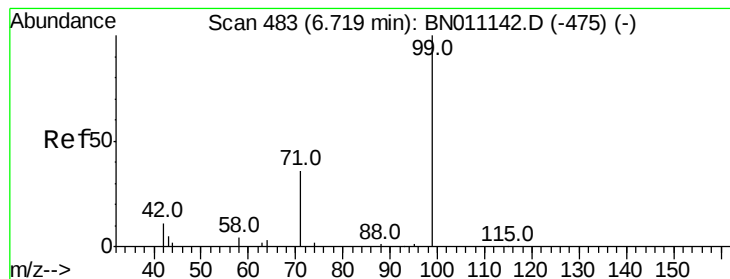
400

200

0

Time-->





#5

Phenol-d6

Concen: 0.362 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

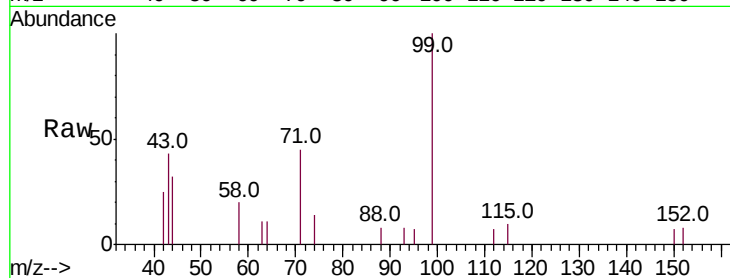
Tot Ion: 99 Resp: 1481

Ion Ratio Lower Upper

99 100

42 15.9 10.8 16.2

71 40.3 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) (-)

6.69

800

600

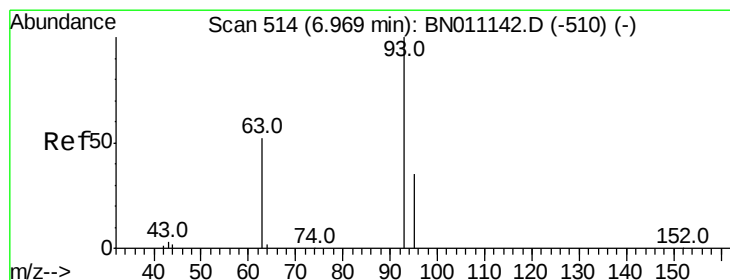
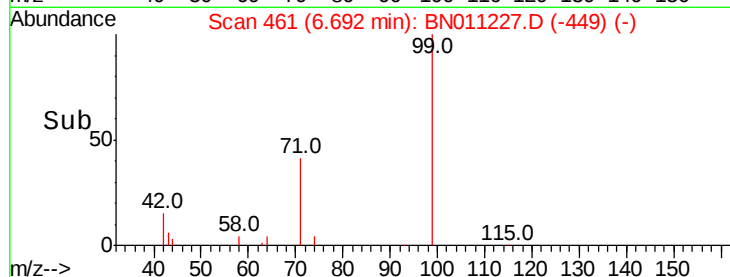
400

200

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.344 ng

RT: 6.94 min Scan# 492

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

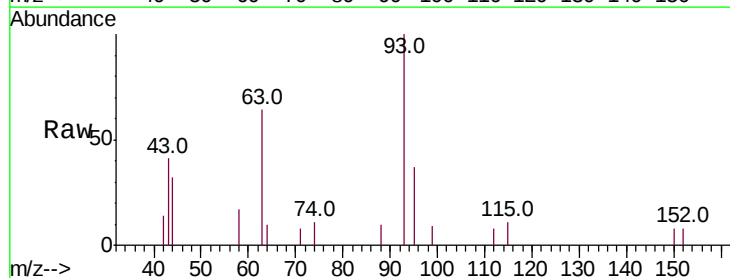
Tgt Ion: 93 Resp: 1286

Ion Ratio Lower Upper

93 100

63 53.6 47.4 71.0

95 31.6 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) (-)

6.94

1000

800

600

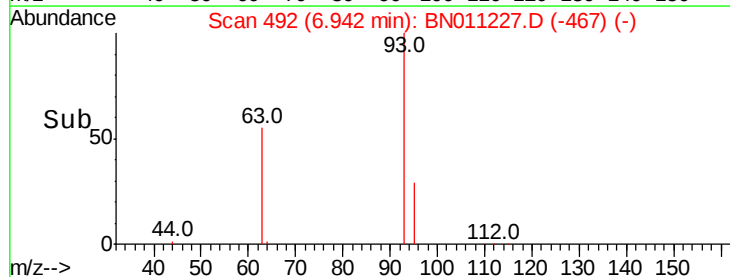
400

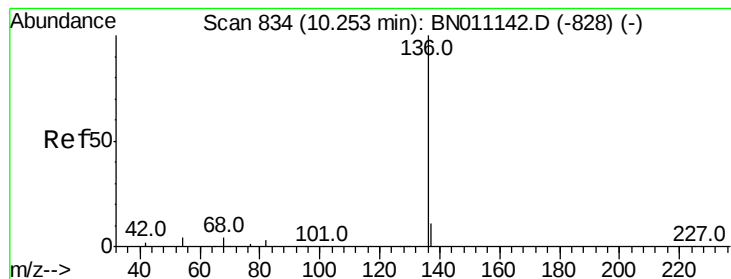
200

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

Tot Ion:136 Resp: 5082

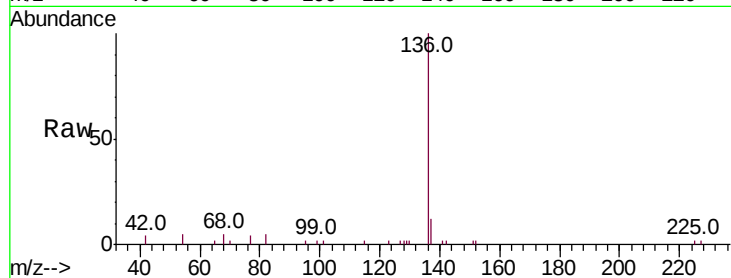
Ion Ratio Lower Upper

136 100

137 12.5 10.3 15.5

54 5.3 4.9 7.3

68 5.3 4.9 7.3

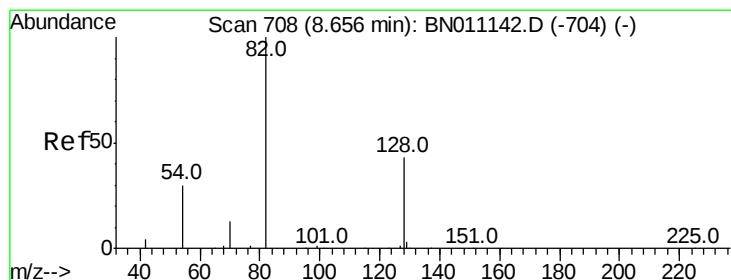
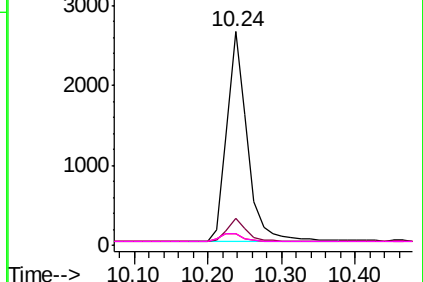
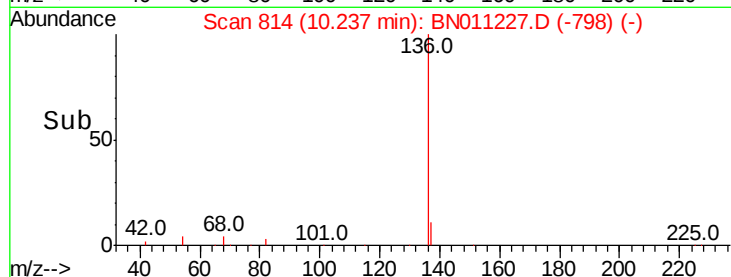


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.408 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

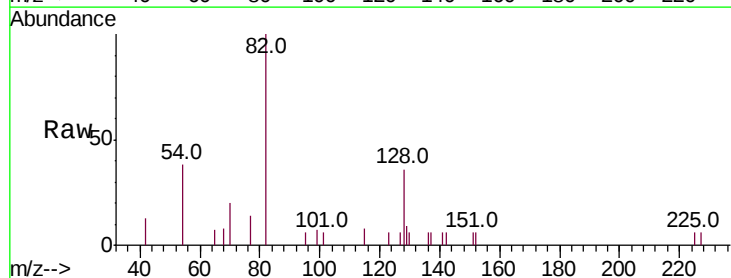
Tgt Ion: 82 Resp: 1838

Ion Ratio Lower Upper

82 100

128 36.5 38.1 57.1#

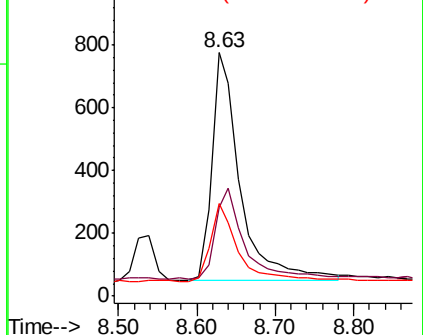
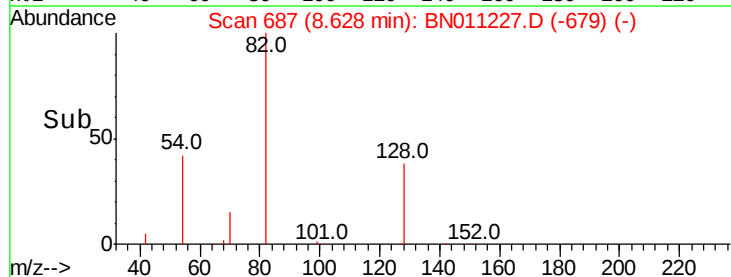
54 37.9 27.1 40.7

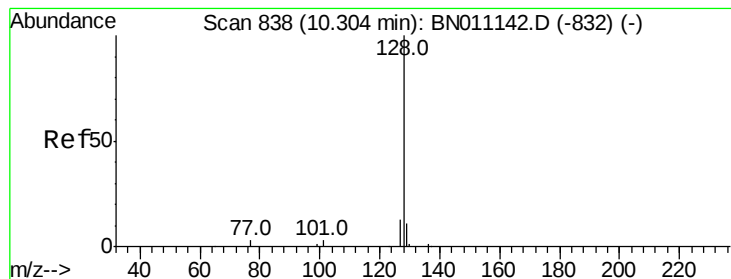


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.316 ng

RT: 10.29 min Scan# 818

Delta R.T. 0.00 min

Lab File: BN011227.D

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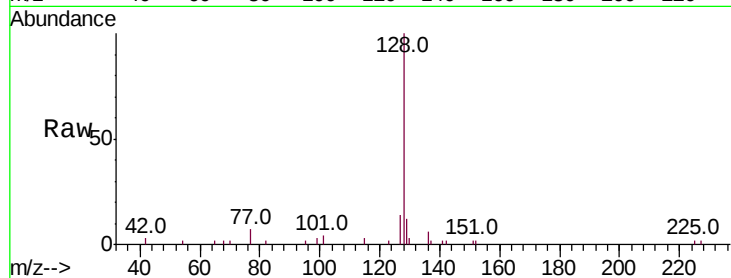
Tot Ion:128 Resp: 4784

Ion Ratio Lower Upper

128 100

129 12.4 9.8 14.6

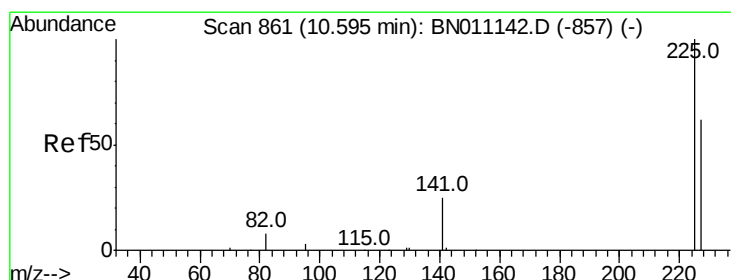
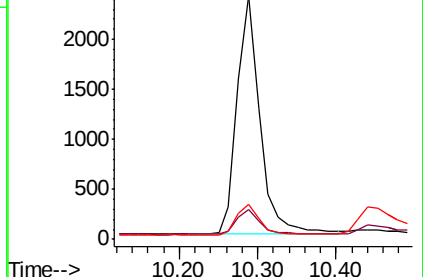
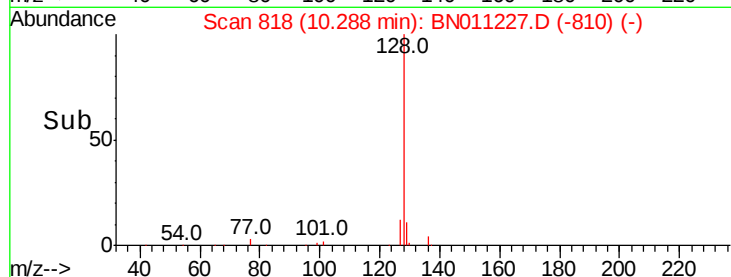
127 14.2 11.8 17.6



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: 0.302 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

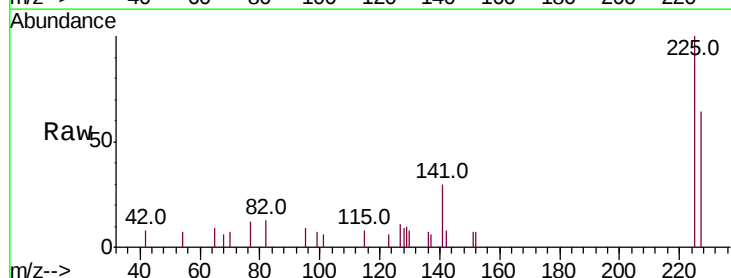
Tgt Ion:225 Resp: 1132

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

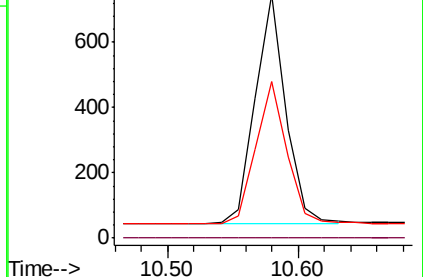
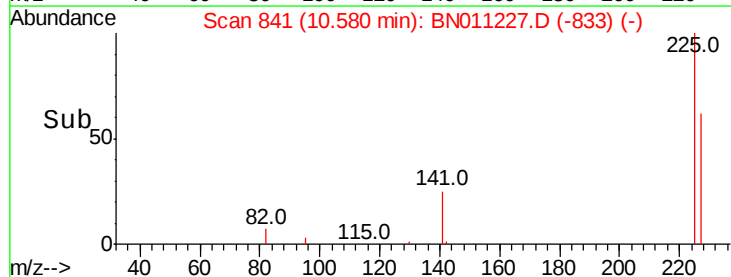
227 62.5 51.2 76.8

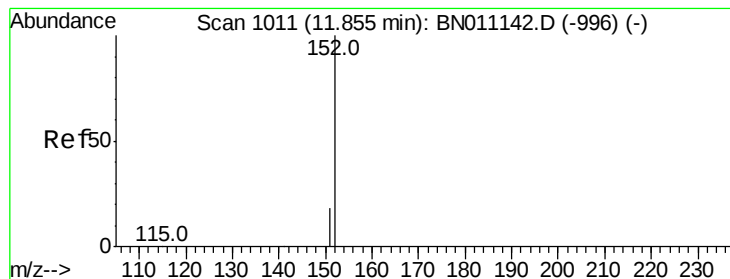


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 11.84 min Scan# 987

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

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ClientSampleId :

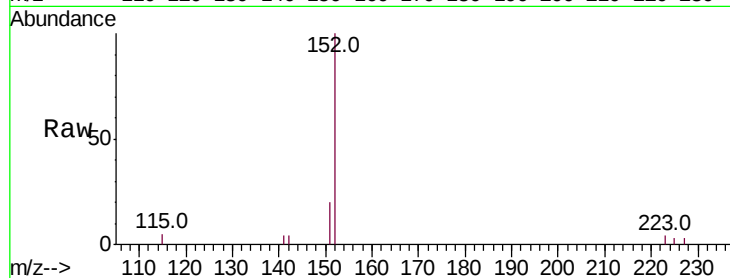
PB130401BSD

Tot Ion:152 Resp: 2916

Ion Ratio Lower Upper

152 100

151 17.6 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

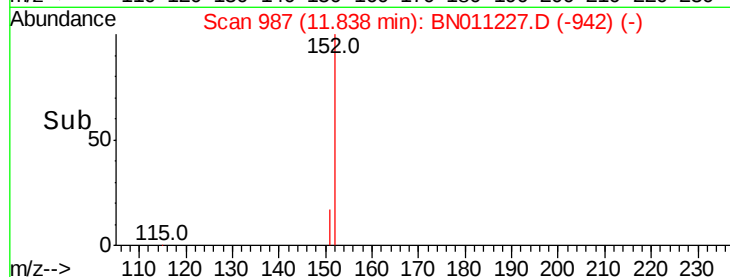
1500

1000

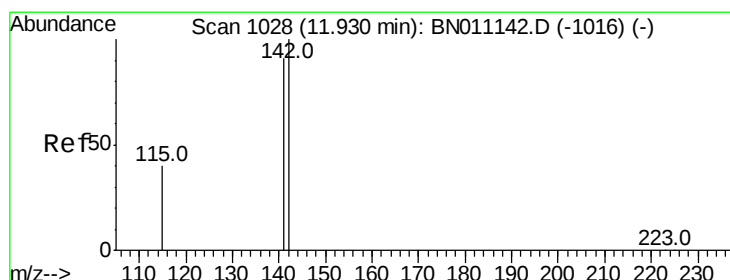
500

0

Time-->



Time-->



#12

2-Methylnaphthalene

Concen: 0.343 ng

RT: 11.91 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

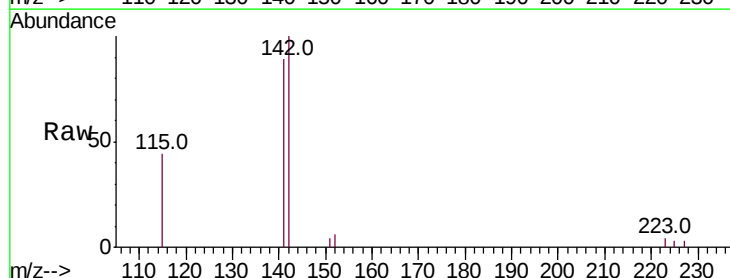
Tgt Ion:142 Resp: 3258

Ion Ratio Lower Upper

142 100

141 88.7 72.7 109.1

115 43.9 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

11.91

2000

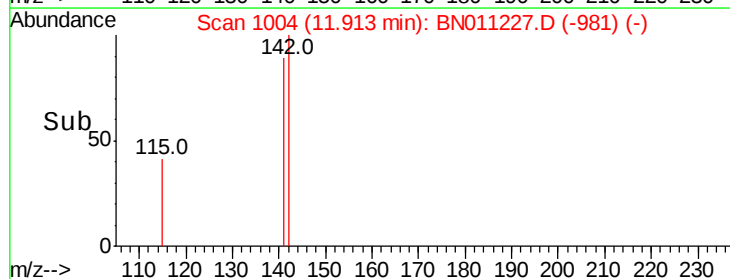
1500

1000

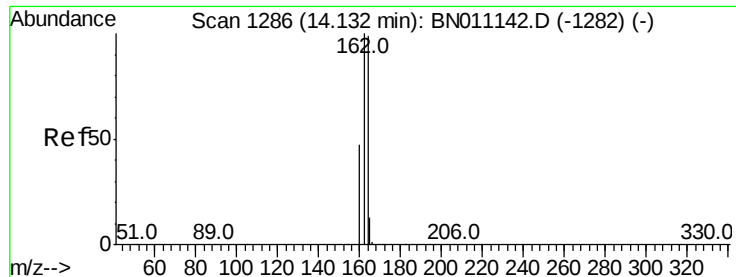
500

0

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

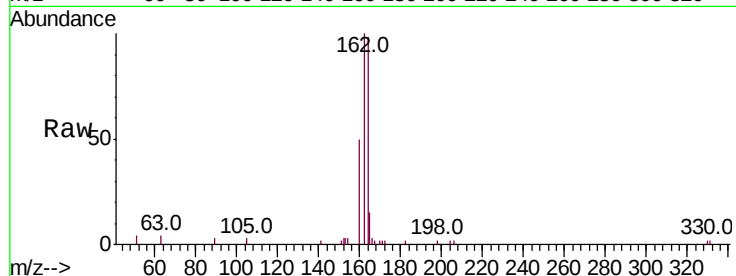
BNA_N

ClientSampleId :

PB130401BSD

Tot Ion:164 Resp: 2947

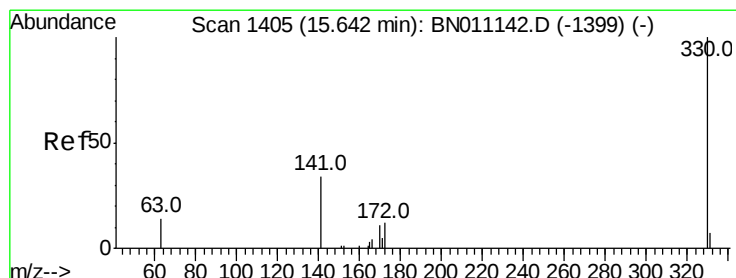
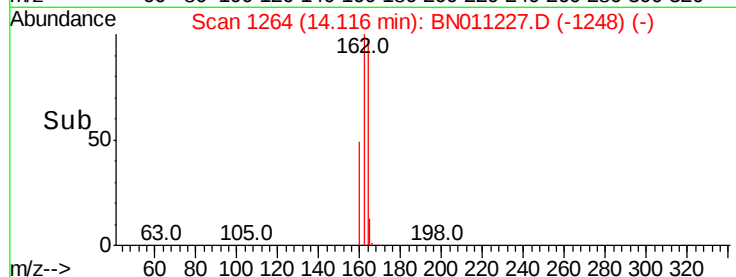
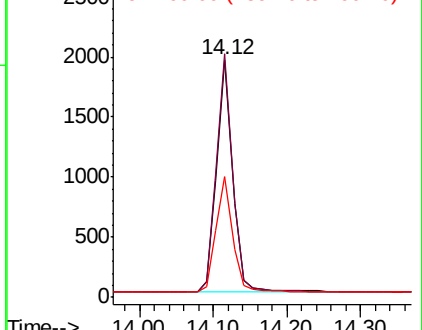
Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.0	121.4
160	50.9	39.0	58.6



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: 0.300 ng

RT: 15.63 min Scan# 1383

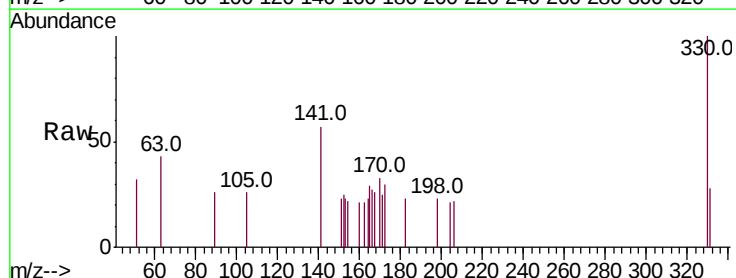
Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Tgt Ion:330 Resp: 392

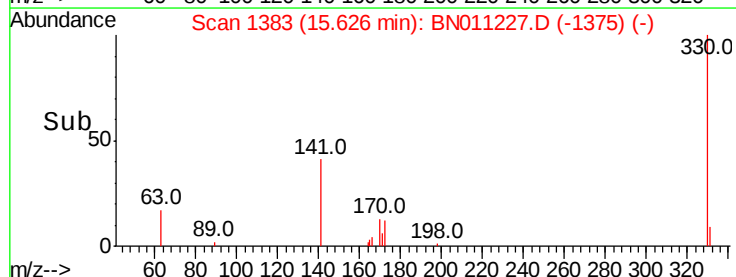
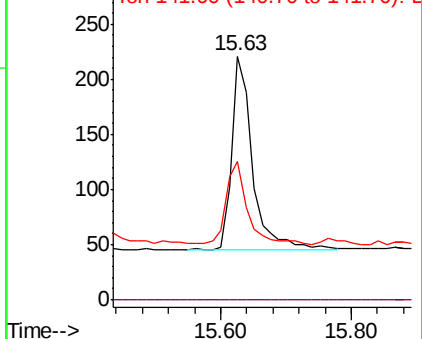
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.6	31.5	47.3

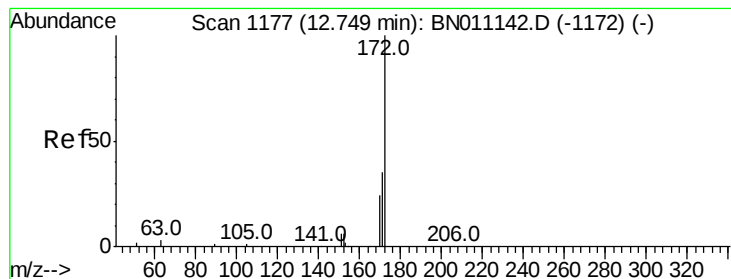


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.389 ng

RT: 12.73 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

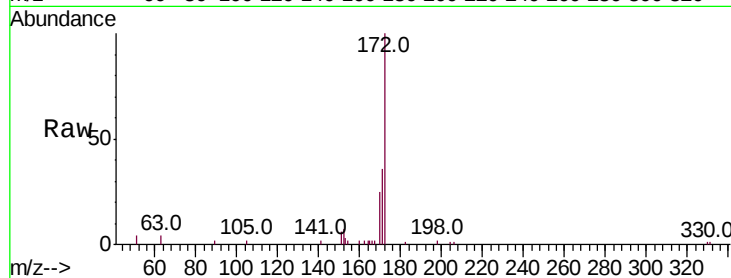
Tot Ion:172 Resp: 5372

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

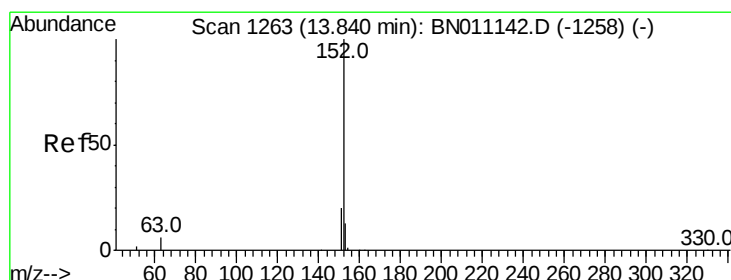
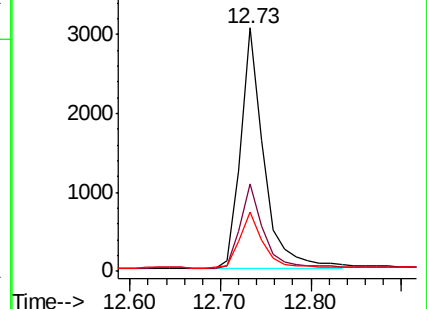
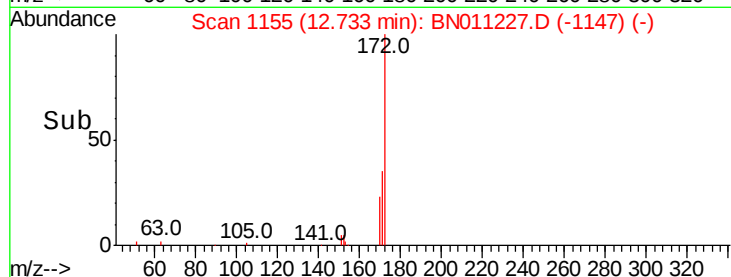
170 24.5 20.3 30.5



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: 0.312 ng

RT: 13.84 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

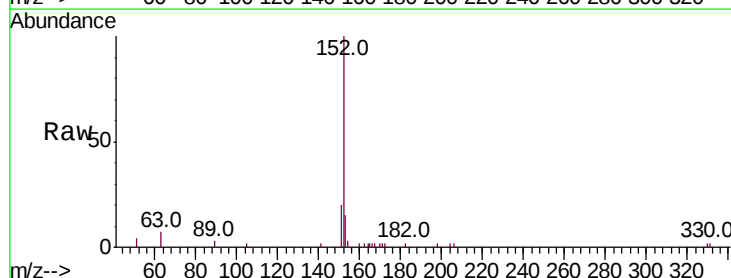
Tgt Ion:152 Resp: 4677

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

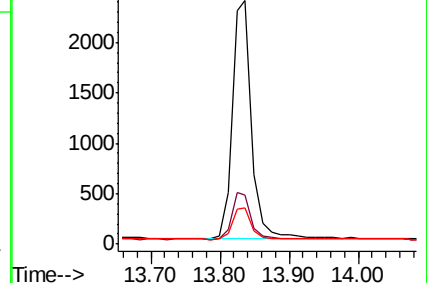
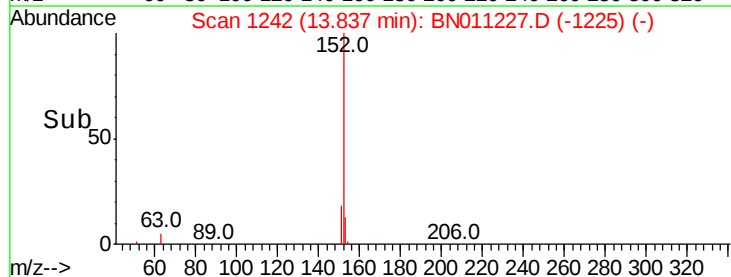
153 13.1 10.6 15.8

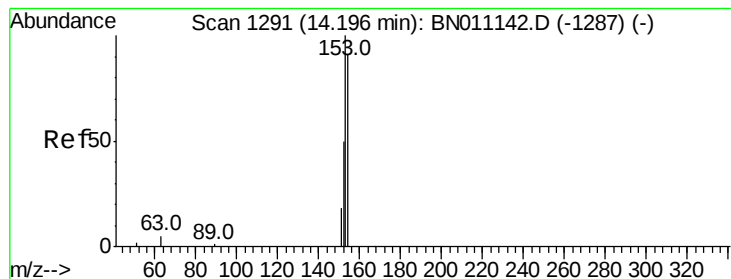


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.302 ng

RT: 14.18 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

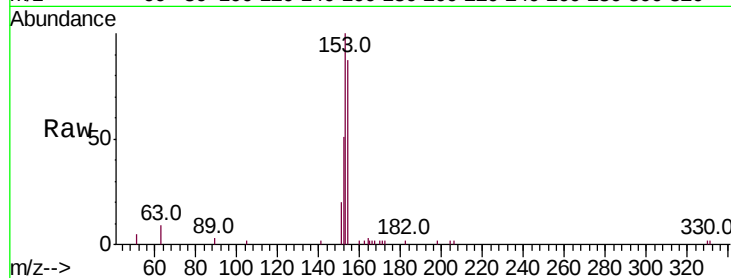
Tot Ion:154 Resp: 3018

Ion Ratio Lower Upper

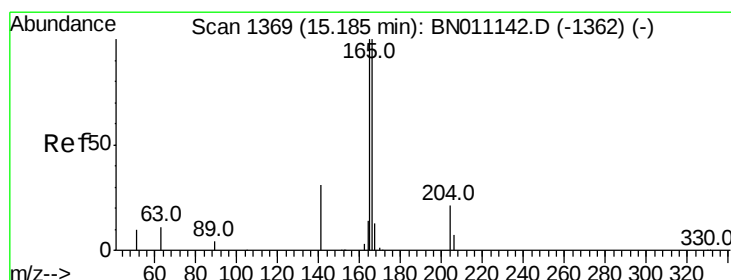
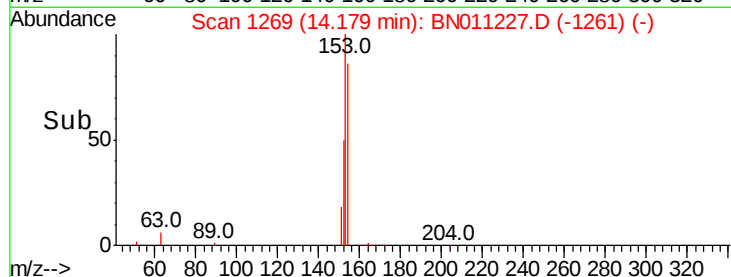
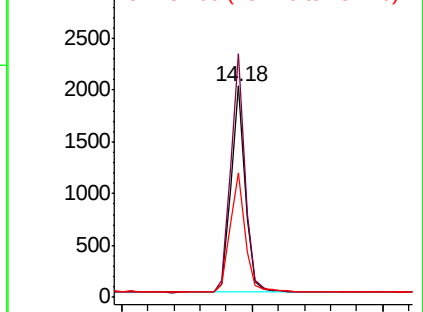
154 100

153 116.2 91.3 136.9

152 61.7 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: 0.306 ng

RT: 15.18 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

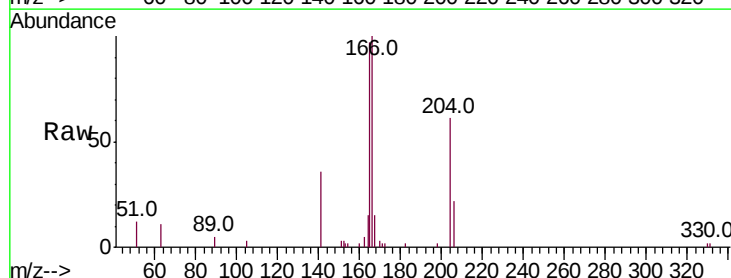
Tgt Ion:166 Resp: 3922

Ion Ratio Lower Upper

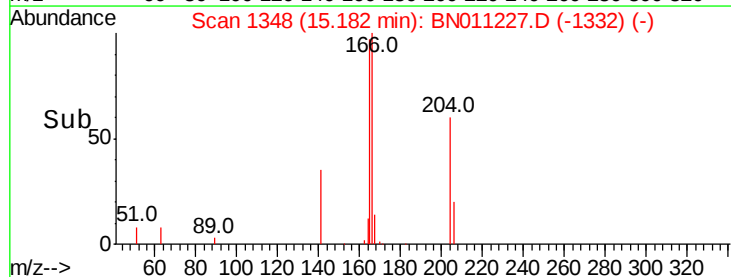
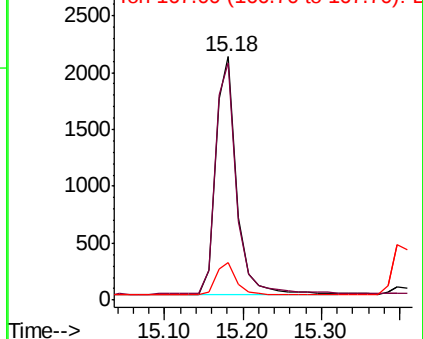
166 100

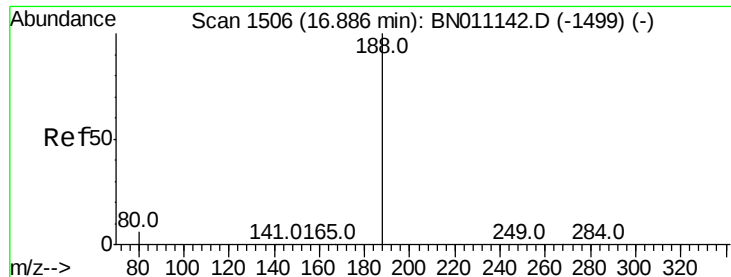
165 98.3 79.1 118.7

167 13.5 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: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

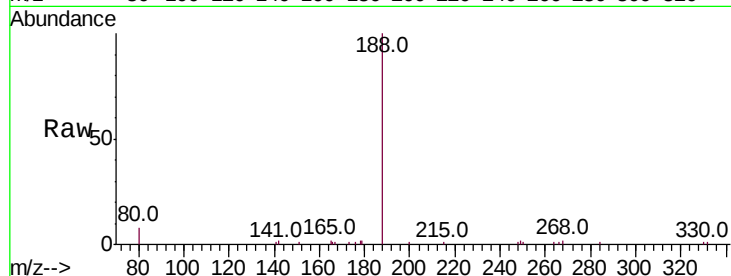
Tot Ion:188 Resp: 6297

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

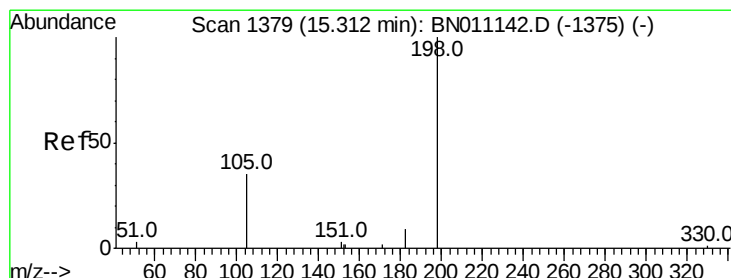
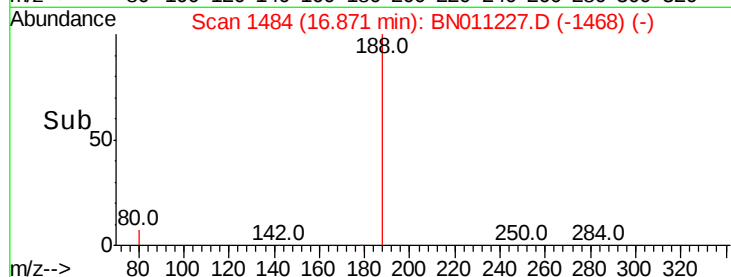
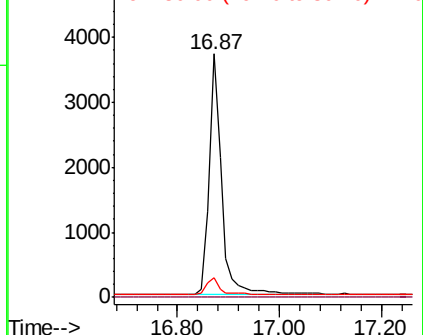
80 7.9 6.3 9.5



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: 0.333 ng

RT: 15.31 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

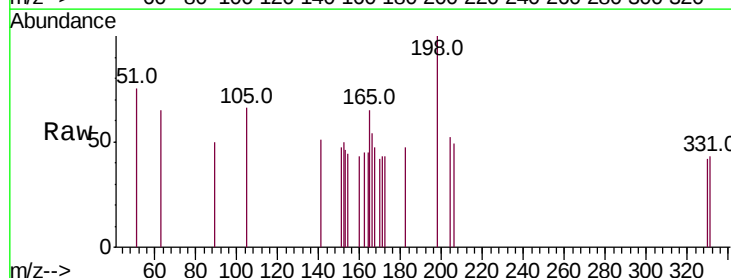
Tgt Ion:198 Resp: 235

Ion Ratio Lower Upper

198 100

51 74.8 53.1 79.7

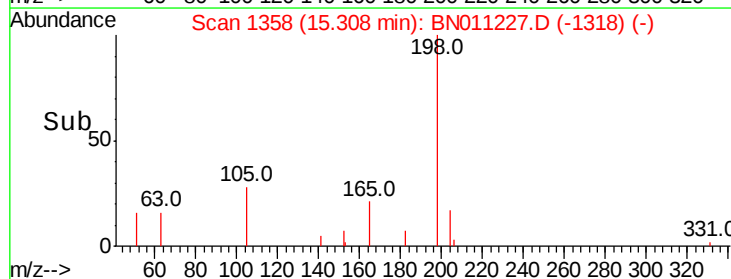
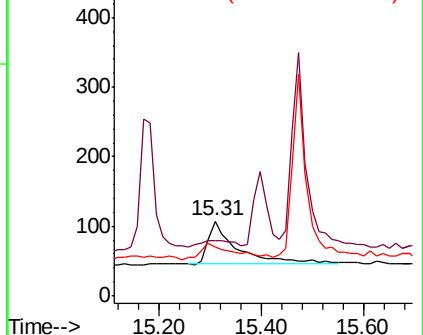
105 66.4 51.9 77.9

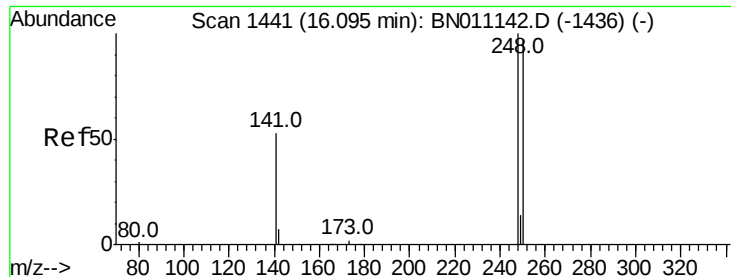


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

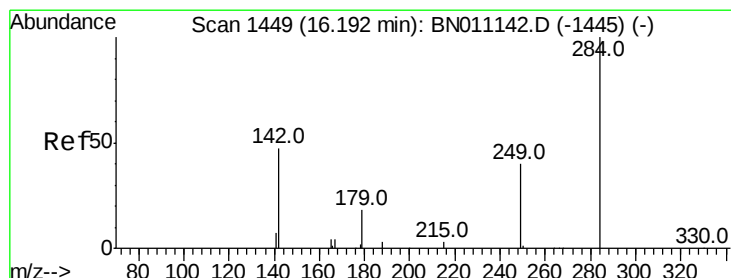
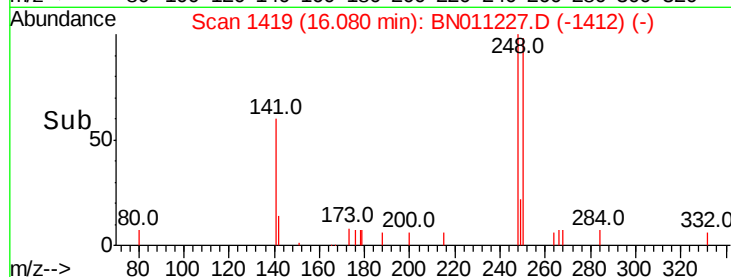
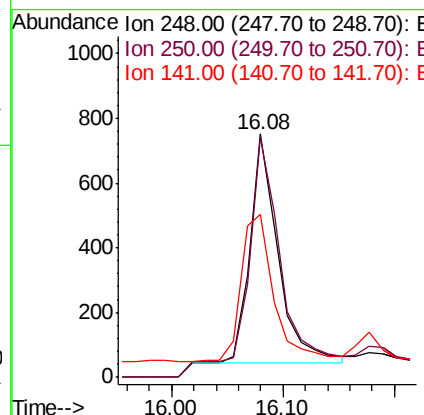
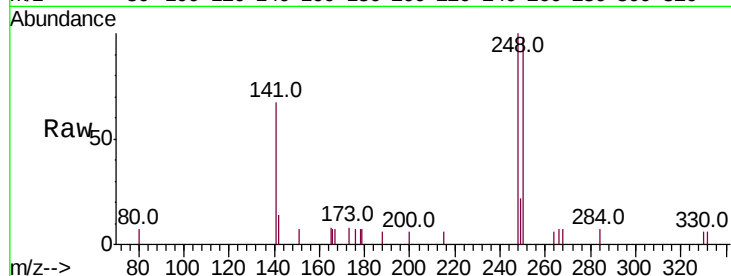




#21
4-Bromophenyl-phenylether
Concen: 0.291 ng
RT: 16.08 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

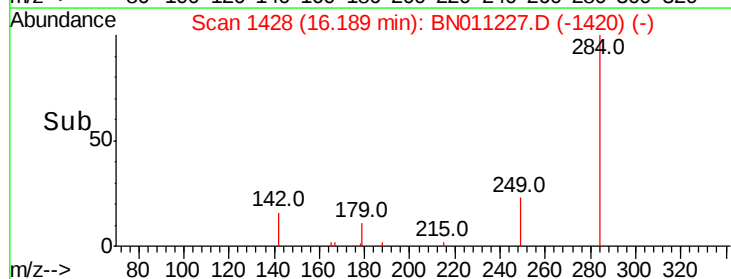
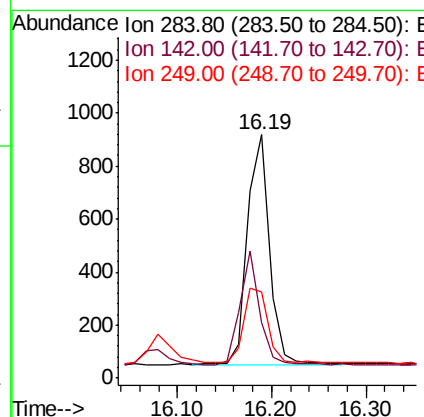
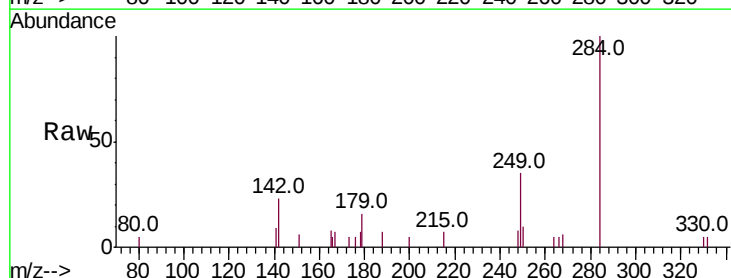
Instrument :
BNA_N
ClientSampleId :
PB130401BSD

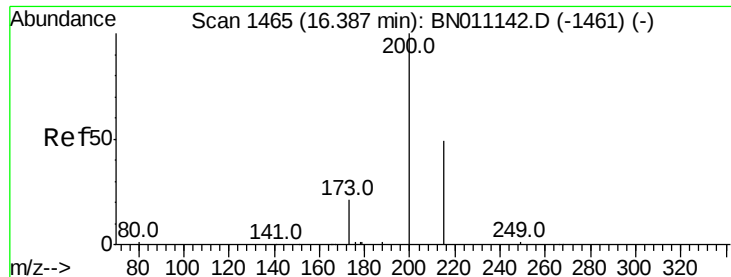
Tot Ion:248 Resp: 1246
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 67.2 45.1 67.7



#22
Hexachlorobenzene
Concen: 0.284 ng
RT: 16.19 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:284 Resp: 1412
Ion Ratio Lower Upper
284 100
142 45.2 32.6 48.8
249 35.3 28.4 42.6





#23

Atrazine

Concen: 0.281 ng

RT: 16.37 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

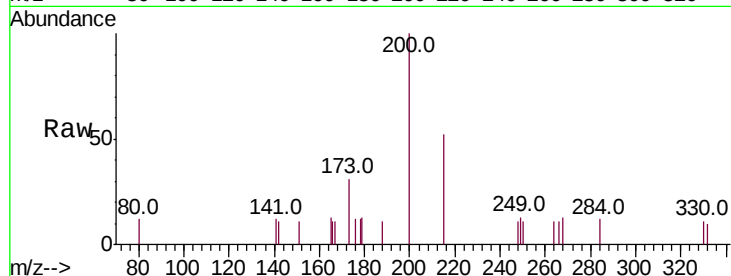
Tot Ion:200 Resp: 844

Ion Ratio Lower Upper

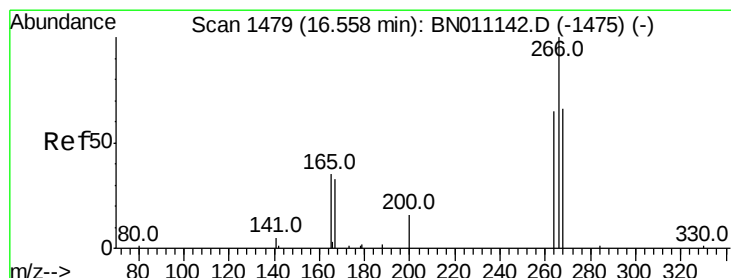
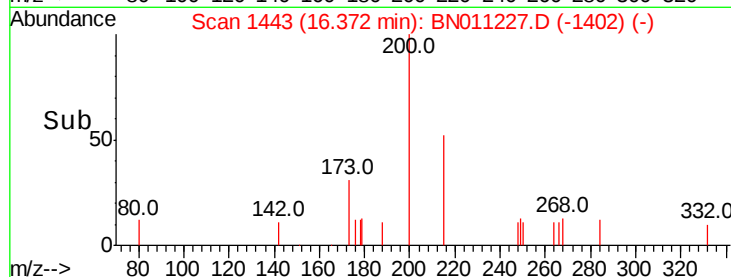
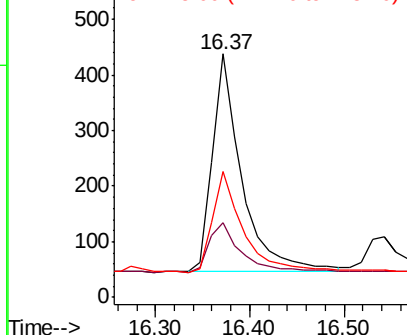
200 100

173 30.6 23.0 34.4

215 51.8 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: 0.543 ng

RT: 16.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

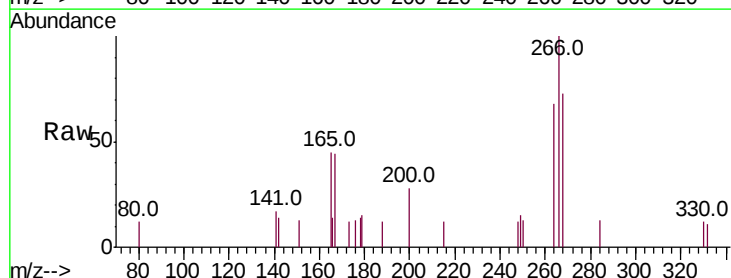
Tgt Ion:266 Resp: 802

Ion Ratio Lower Upper

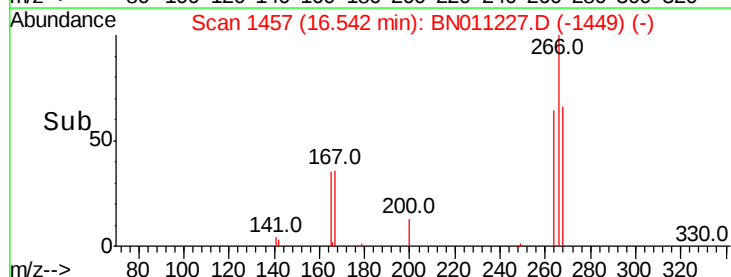
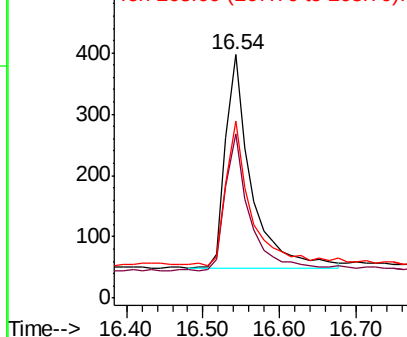
266 100

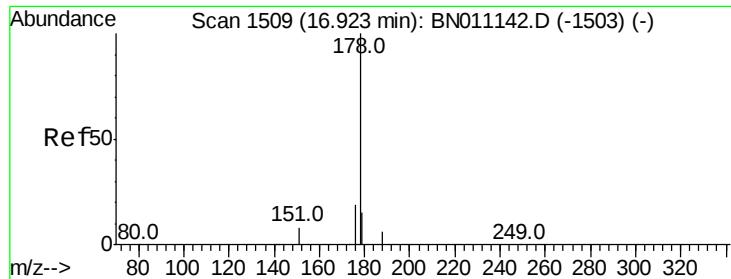
264 65.0 52.5 78.7

268 67.7 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: 0.305 ng

RT: 16.92 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

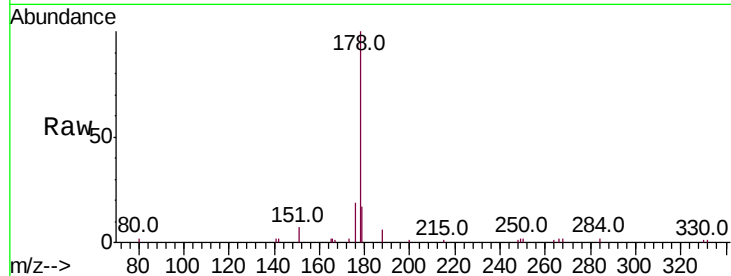
Tot Ion:178 Resp: 6180

Ion Ratio Lower Upper

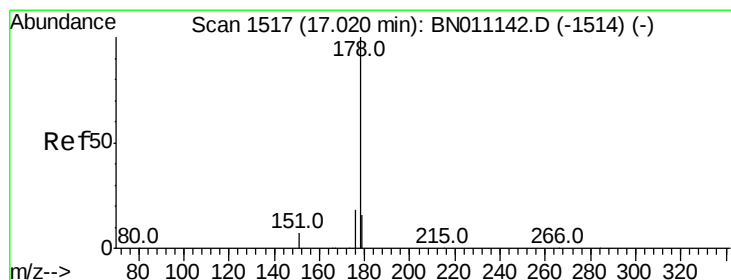
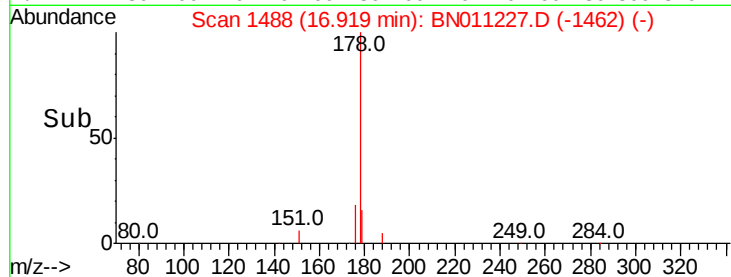
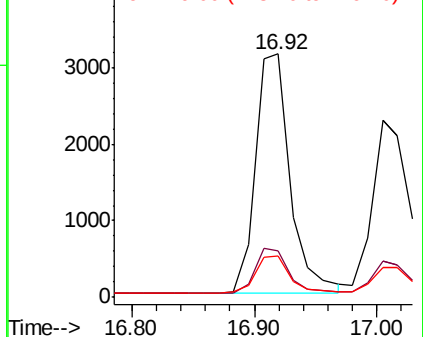
178 100

176 18.8 15.3 22.9

179 15.6 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: 0.301 ng

RT: 17.00 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

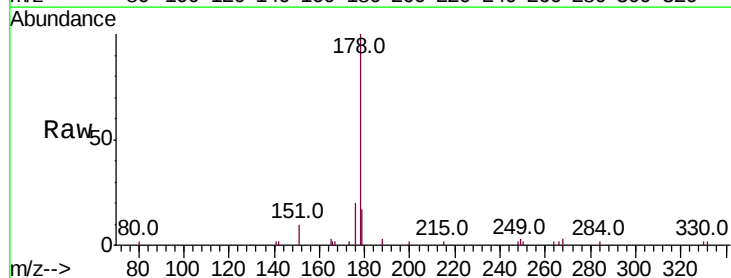
Tgt Ion:178 Resp: 5061

Ion Ratio Lower Upper

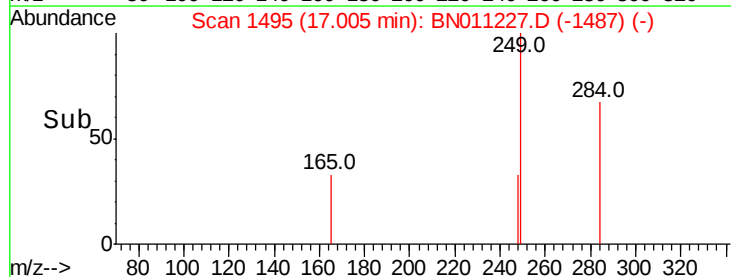
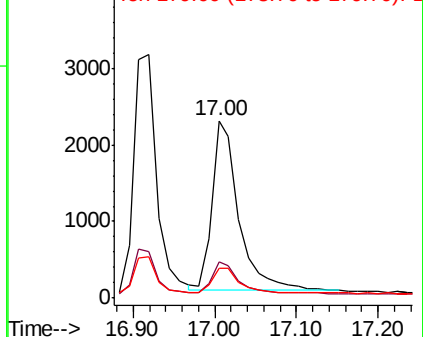
178 100

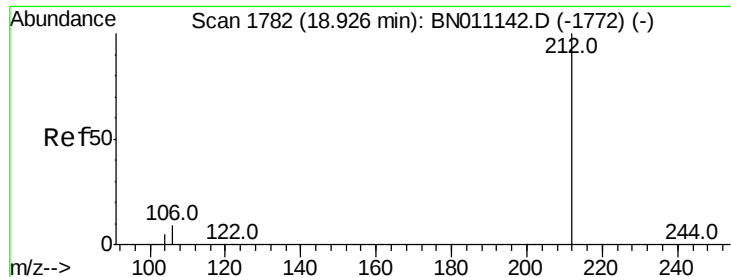
176 18.5 14.5 21.7

179 15.4 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





#27

Fluoranthene-d10

Concen: 0.288 ng

RT: 18.92 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

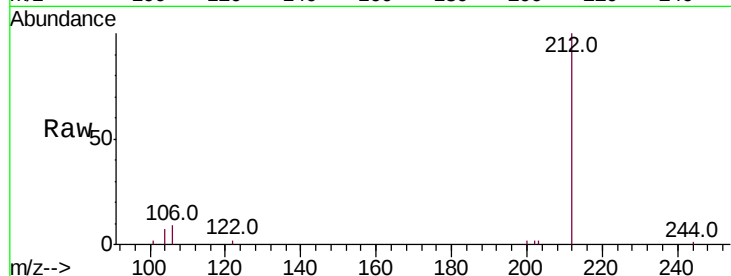
Tot Ion:212 Resp: 5724

Ion Ratio Lower Upper

212 100

106 8.2 7.0 10.6

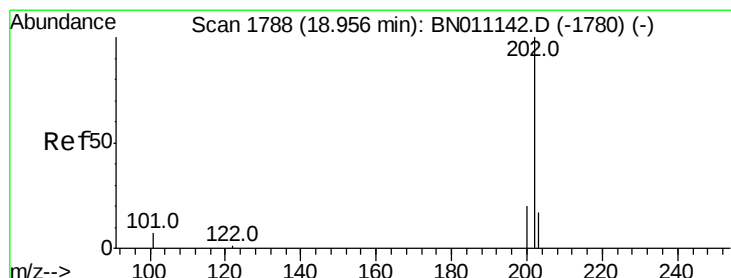
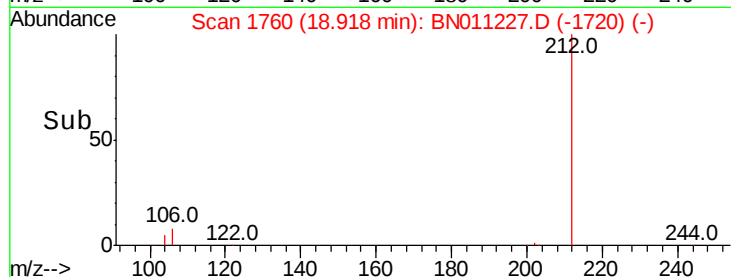
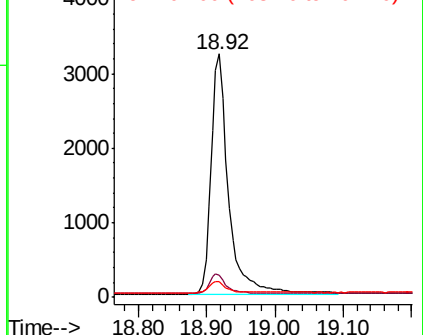
104 4.8 4.2 6.4



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: 0.283 ng

RT: 18.95 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

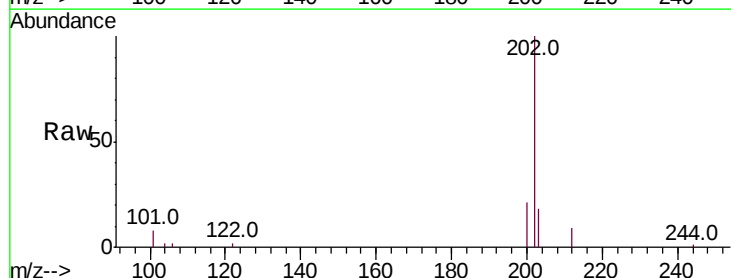
Tgt Ion:202 Resp: 6874

Ion Ratio Lower Upper

202 100

101 7.0 5.9 8.9

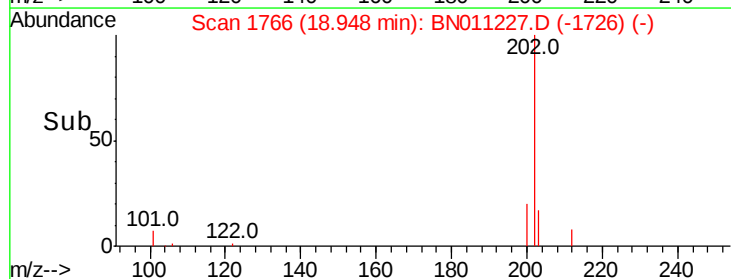
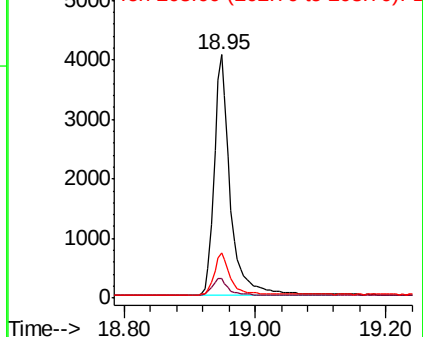
203 16.9 13.6 20.4

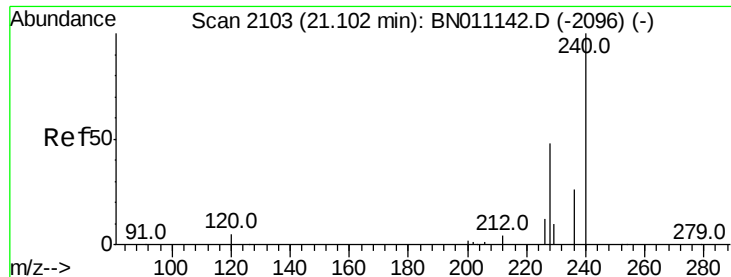


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.09 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

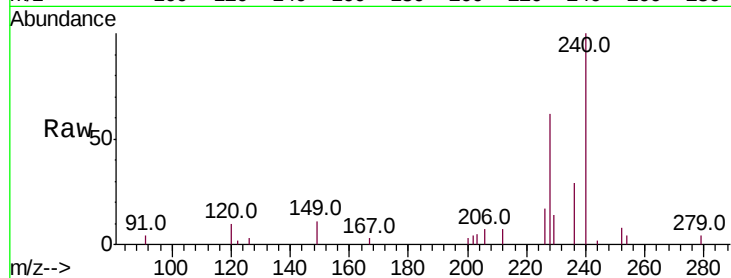
Tot Ion:240 Resp: 4767

Ion Ratio Lower Upper

240 100

120 9.8 6.5 9.7#

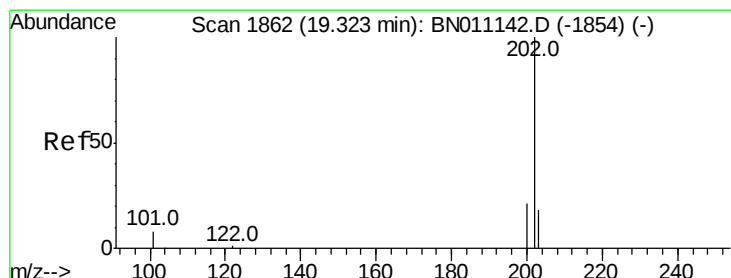
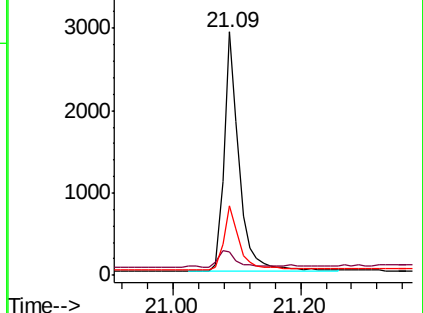
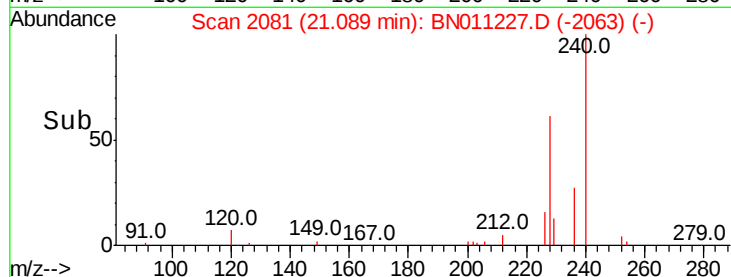
236 28.8 21.9 32.9



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: 0.369 ng

RT: 19.31 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

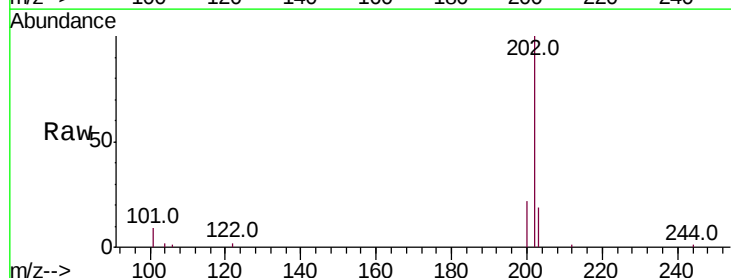
Tgt Ion:202 Resp: 6718

Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

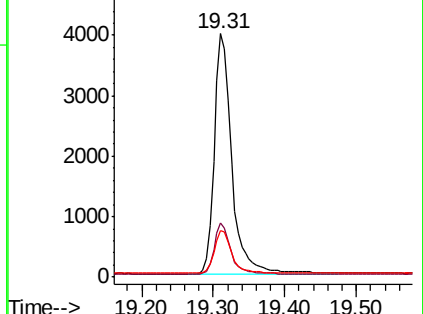
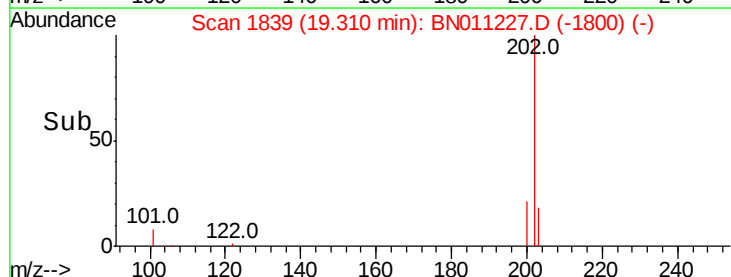
203 17.9 14.2 21.4

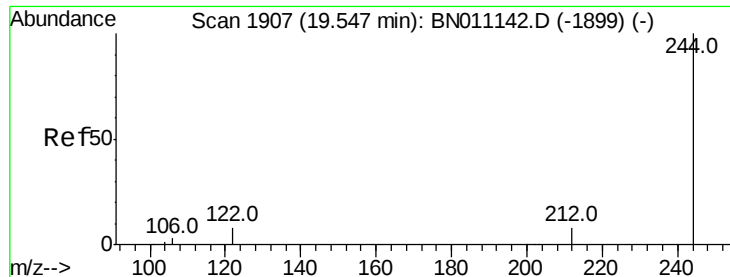


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.467 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

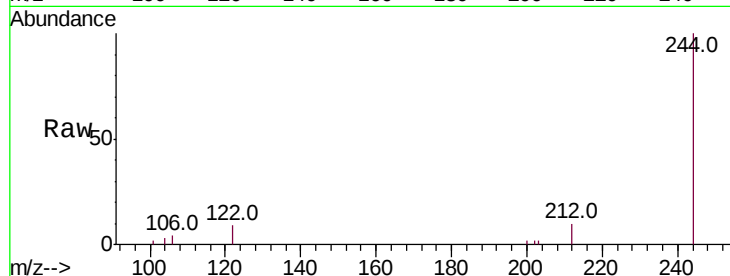
Tot Ion:244 Resp: 5799

Ion Ratio Lower Upper

244 100

212 9.6 7.8 11.6

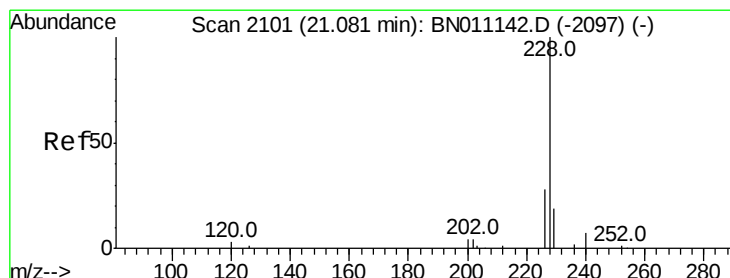
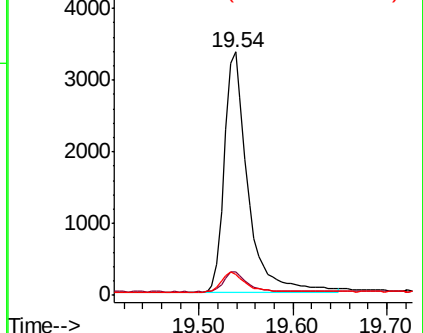
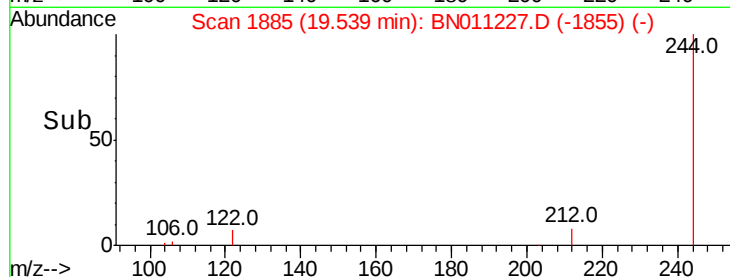
122 8.8 7.4 11.0



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: 0.319 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

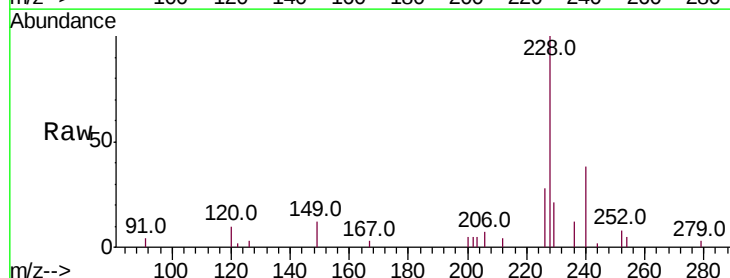
Tgt Ion:228 Resp: 4932

Ion Ratio Lower Upper

228 100

226 27.8 23.2 34.8

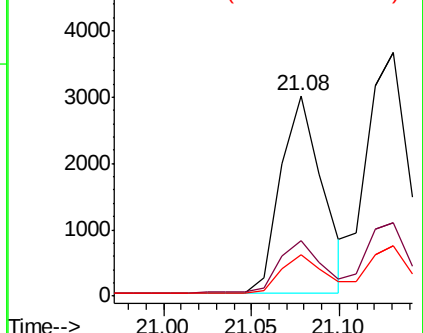
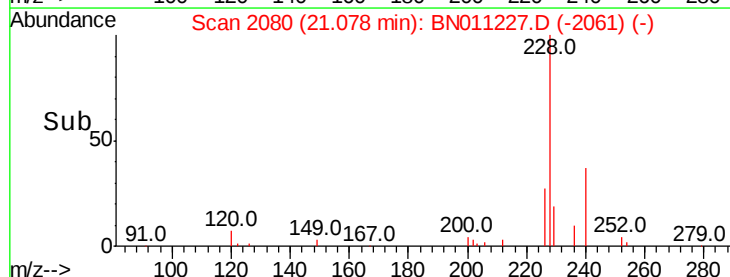
229 20.5 16.2 24.4

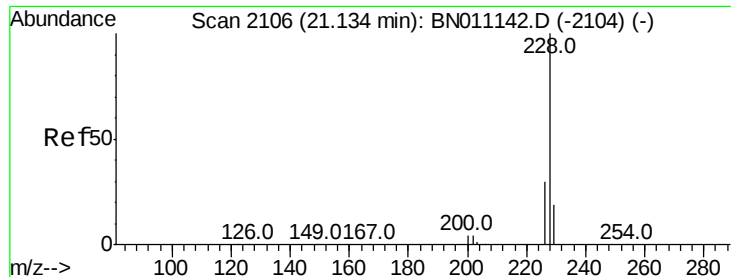


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.342 ng

RT: 21.13 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

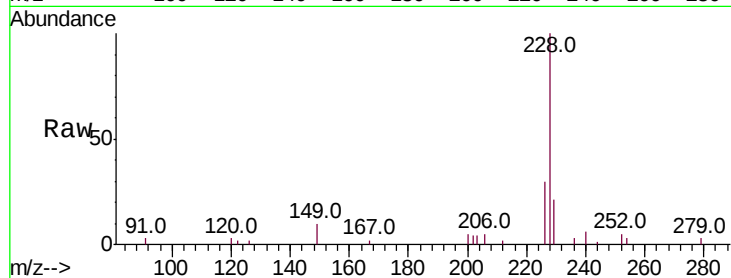
BNA_N

ClientSampleId :

PB130401BSD

Tot Ion:228 Resp: 6455

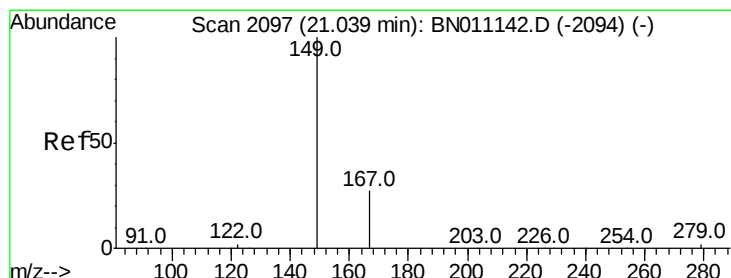
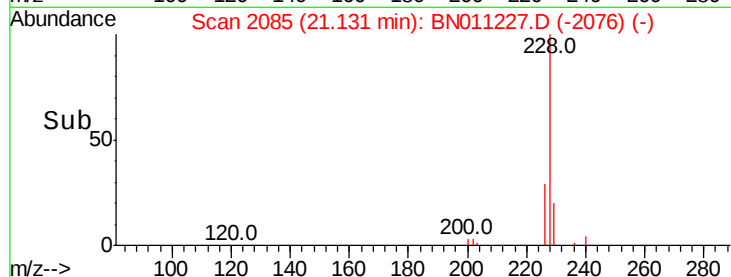
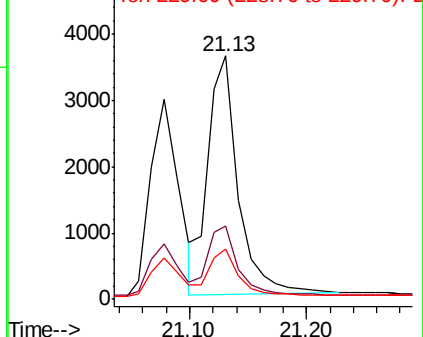
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.8	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

5000 Ion 226.00 (225.70 to 226.70): E

4000 Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.354 ng

RT: 21.04 min Scan# 2076

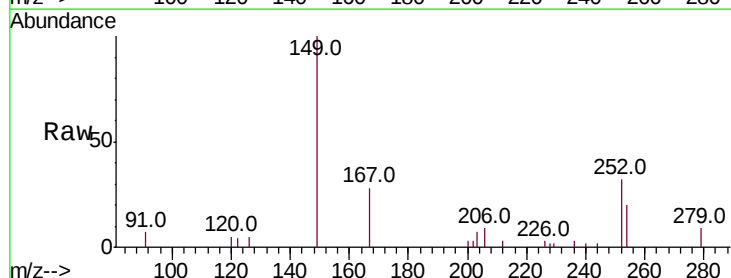
Delta R.T. 0.00 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Tgt Ion:149 Resp: 2253

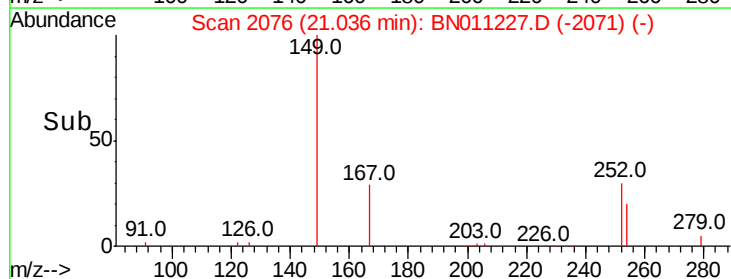
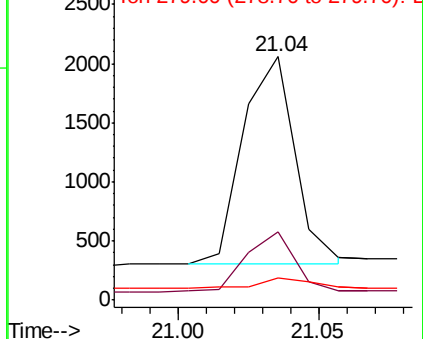
Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.4	35.0
279	5.4	4.5	6.7

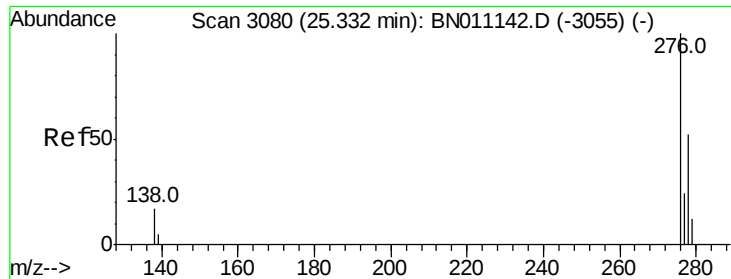


Abundance Ion 149.00 (148.70 to 149.70): E

2500 Ion 167.00 (166.70 to 167.70): E

2000 Ion 279.00 (278.70 to 279.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.297 ng

RT: 25.31 min Scan# 3053

Delta R.T. -0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

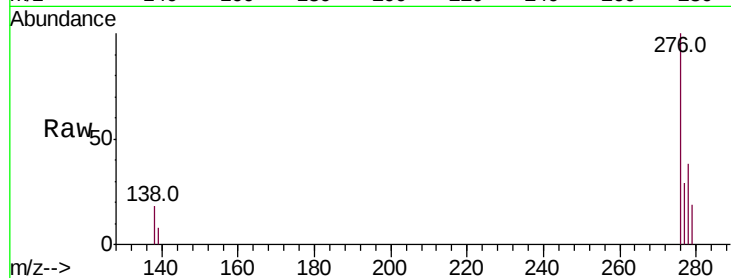
Tot Ion:276 Resp: 6089

Ion Ratio Lower Upper

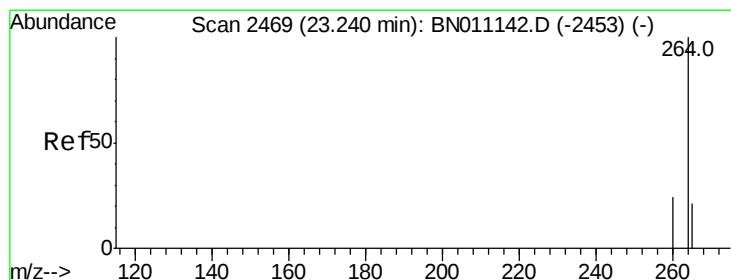
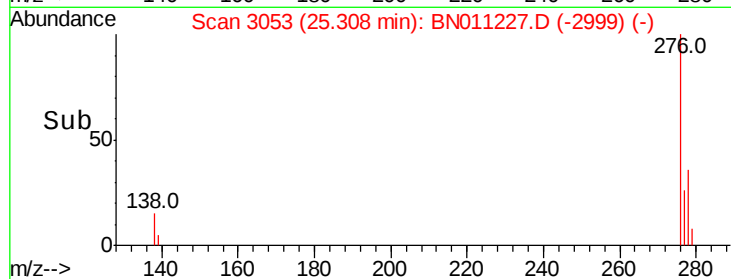
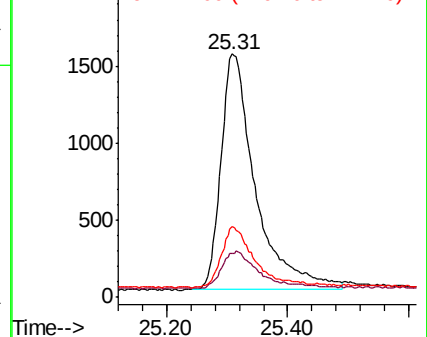
276 100

138 15.7 13.0 19.6

277 24.8 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: 23.23 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

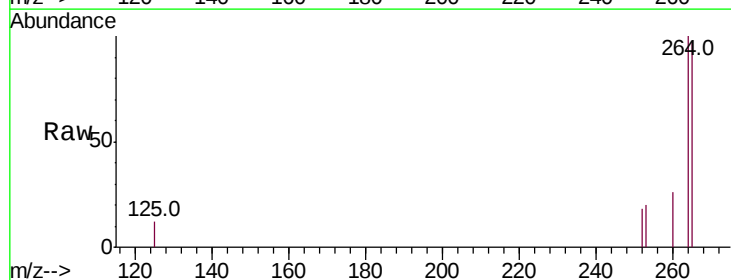
Tgt Ion:264 Resp: 4468

Ion Ratio Lower Upper

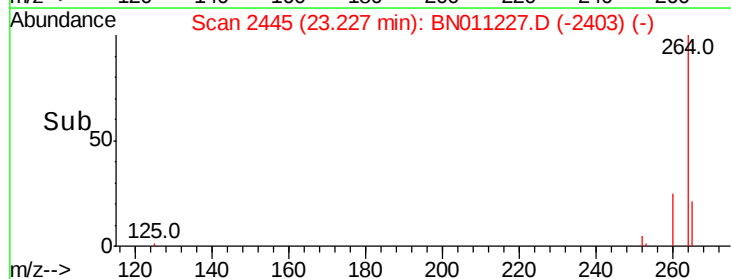
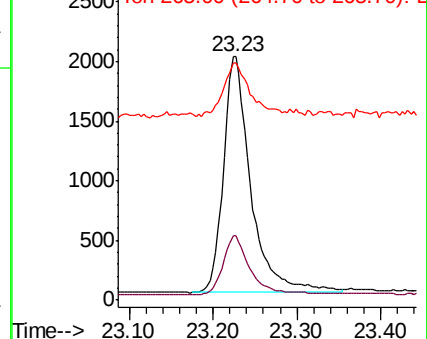
264 100

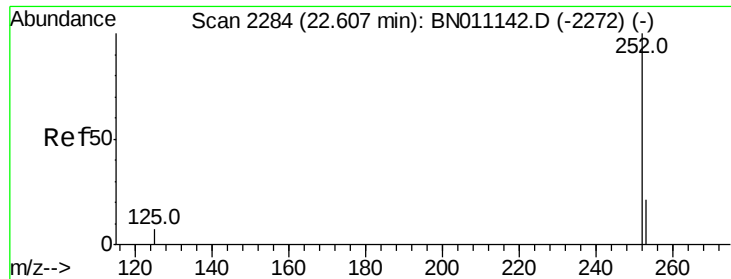
260 26.2 20.1 30.1

265 97.3 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: 0.307 ng

RT: 22.60 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

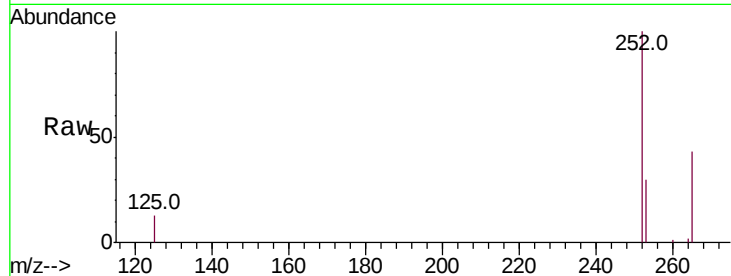
Tot Ion:252 Resp: 5506

Ion Ratio Lower Upper

252 100

253 30.4 22.6 34.0

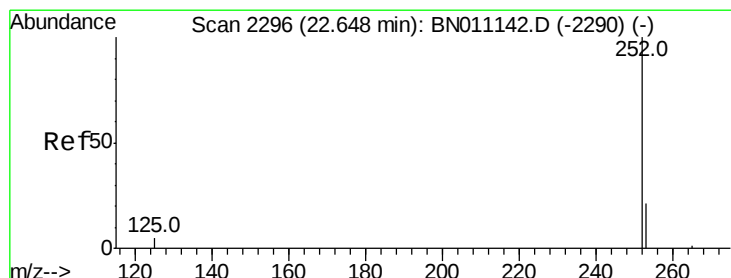
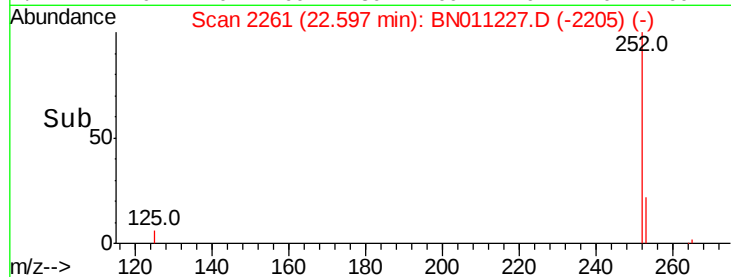
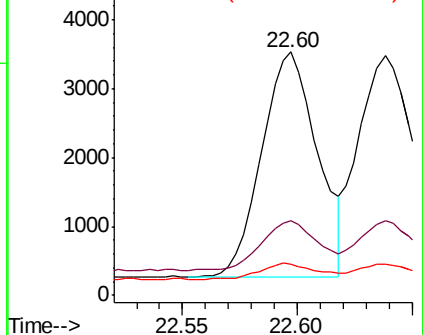
125 12.5 9.6 14.4



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: 0.310 ng

RT: 22.64 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

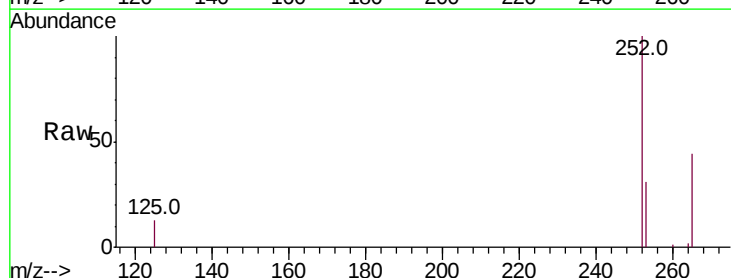
Tgt Ion:252 Resp: 6294

Ion Ratio Lower Upper

252 100

253 31.1 22.2 33.4

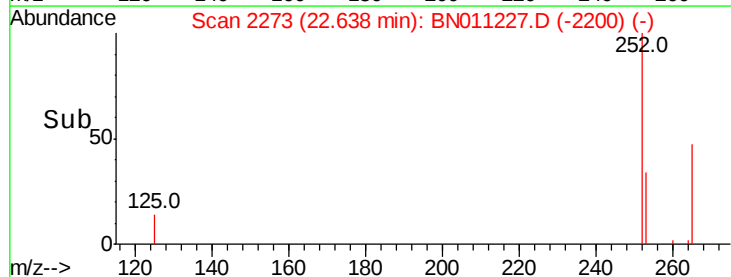
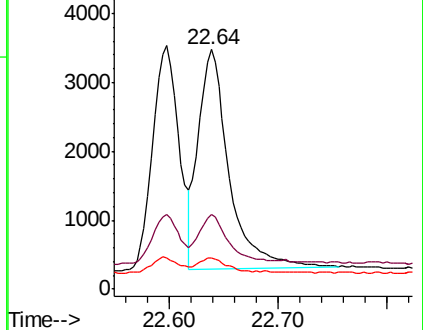
125 12.8 11.0 16.4

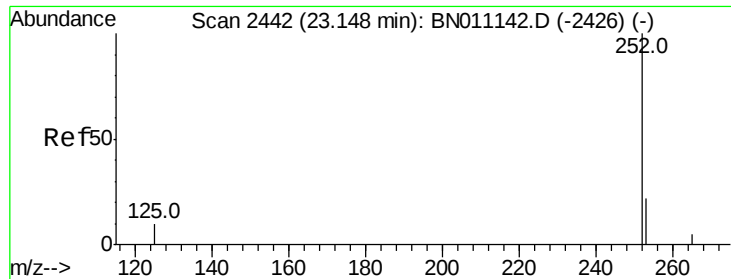


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.295 ng

RT: 23.13 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

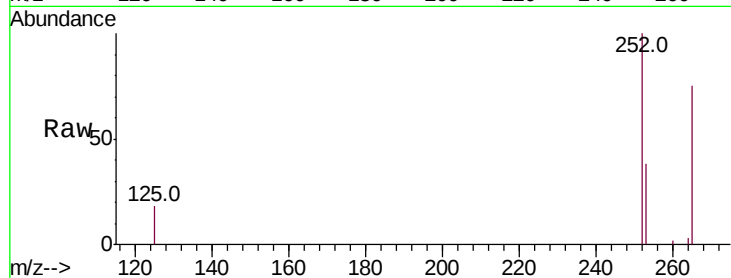
Tot Ion:252 Resp: 4761

Ion Ratio Lower Upper

252 100

253 38.1 25.8 38.6

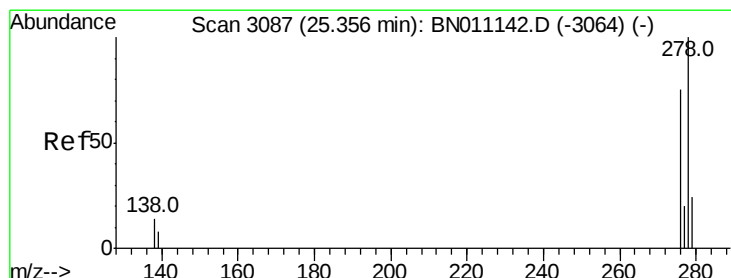
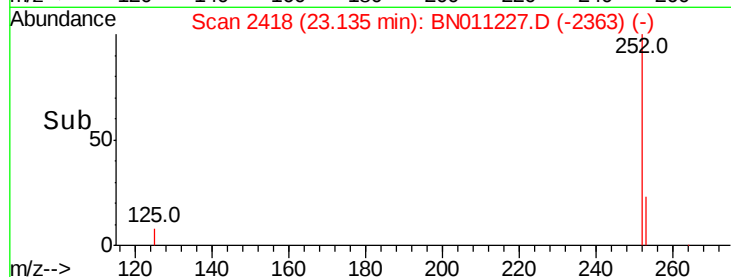
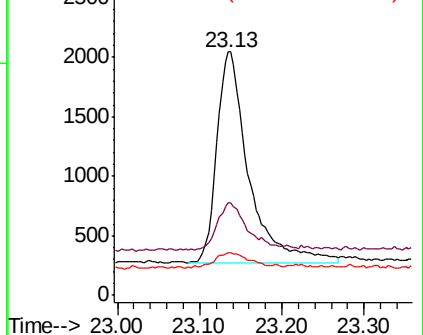
125 17.7 13.4 20.0



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: 0.280 ng

RT: 25.34 min Scan# 3061

Delta R.T. -0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

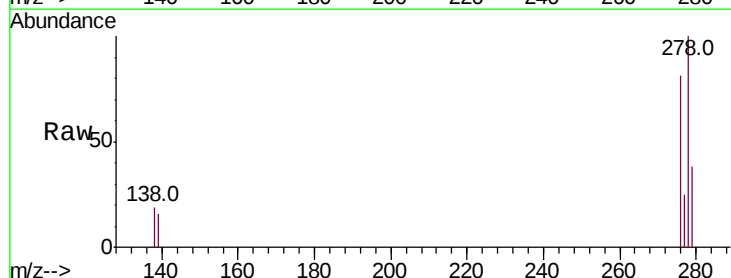
Tgt Ion:278 Resp: 4803

Ion Ratio Lower Upper

278 100

139 15.9 11.7 17.5

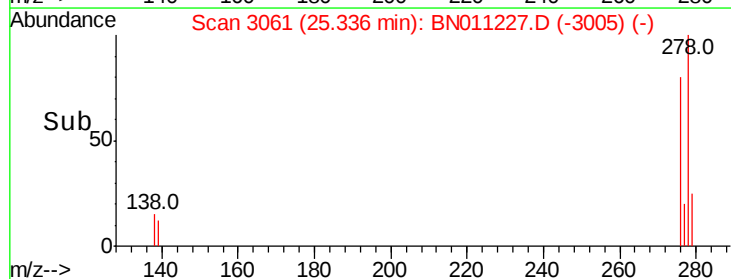
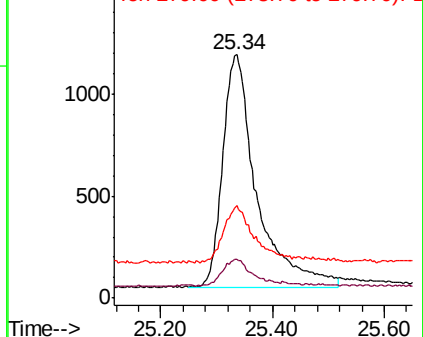
279 37.9 25.0 37.6#

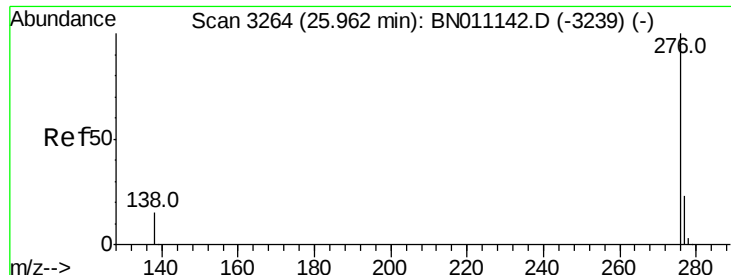


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.319 ng

RT: 25.94 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BN011227.D

Acq: 22 Jul 2020 20:49

Instrument :

BNA_N

ClientSampleId :

PB130401BSD

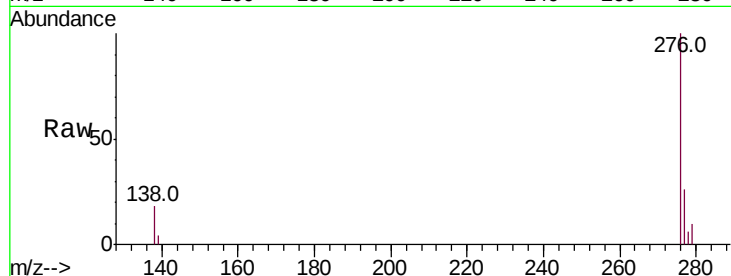
Tot Ion:276 Resp: 6003

Ion Ratio Lower Upper

276 100

277 25.8 20.5 30.7

138 17.8 13.8 20.6



Abundance Ion 276.00 (275.70 to 276.70): E

2500 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

