

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071020\
 Data File : BN011135.D
 Acq On : 09 Jul 2020 16:50
 Operator : CG/JU
 Sample : PB130052BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BSD

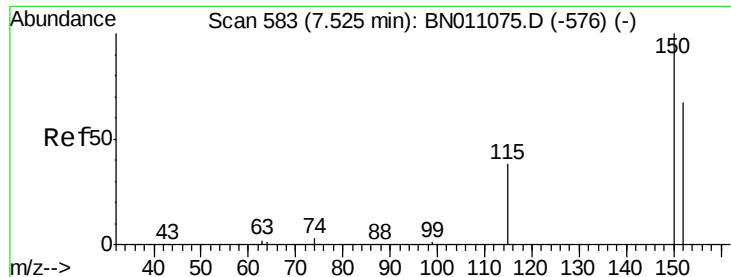
Quant Time: Jul 09 17:19:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 15:33:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1979	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	6514	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3366	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	6919	0.40	ng	0.00
29) Chrysene-d12	21.10	240	7099	0.40	ng	0.00
36) Perylene-d12	23.24	264	5642	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2012	0.41	ng	0.00
5) Phenol-d6	6.72	99	1810	0.32	ng	0.00
8) Nitrobenzene-d5	8.66	82	2294	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.85	152	5769	0.51	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	485	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	6250	0.39	ng	0.00
27) Fluoranthene-d10	18.93	212	6178	0.30	ng	0.00
31) Terphenyl-d14	19.55	244	6705	0.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	591	0.212	ng	# 85
3) n-Nitrosodimethylamine	3.55	42	400	0.284	ng	# 64
6) bis(2-Chloroethyl)ether	6.96	93	1588	0.309	ng	99
9) Naphthalene	10.30	128	5954	0.306	ng	99
10) Hexachlorobutadiene	10.60	225	1420	0.288	ng	# 97
12) 2-Methylnaphthalene	11.93	142	3912	0.301	ng	98
16) Acenaphthylene	13.84	152	5015	0.297	ng	100
17) Acenaphthene	14.20	154	3273	0.286	ng	97
18) Fluorene	15.19	166	4795	0.335	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	330	0.465	ng	98
21) 4-Bromophenyl-phenylether	16.10	248	1206	0.262	ng	90
22) Hexachlorobenzene	16.20	284	1509	0.278	ng	99
23) Atrazine	16.39	200	440	0.135	ng	# 85
24) Pentachlorophenol	16.56	266	1022	0.701	ng	96
25) Phenanthrene	16.93	178	6369	0.284	ng	99
26) Anthracene	17.02	178	5283	0.285	ng	98
28) Fluoranthene	18.96	202	7394	0.293	ng	99
30) Pvrene	19.32	202	7287	0.275	ng	99
32) Benzo(a)anthracene	21.09	228	7068	0.298	ng	100
33) Chrysene	21.13	228	9146	0.336	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	2802	0.292	ng	100
35) Indeno(1,2,3-cd)pyrene	25.34	276	8187	0.288	ng	97
37) Benzo(b)fluoranthene	22.61	252	6911	0.306	ng	97
38) Benzo(k)fluoranthene	22.65	252	7564	0.312	ng	99
39) Benzo(a)pyrene	23.15	252	5823	0.299	ng	96
40) Dibenzo(a,h)anthracene	25.36	278	6771	0.339	ng	99
41) Benzo(g,h,i)perylene	25.97	276	7545	0.343	ng	100

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

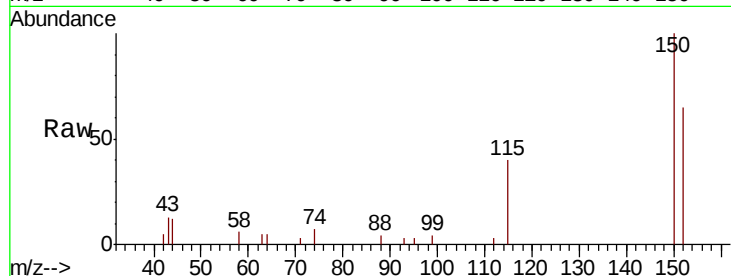


#1

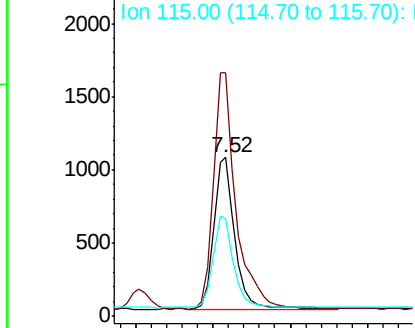
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.01 min
Lab File: BN011135.D
Acq: 09 Jul 2020 16:50

Instrument :
BNA_N
ClientSampleId :
PB130052BSD

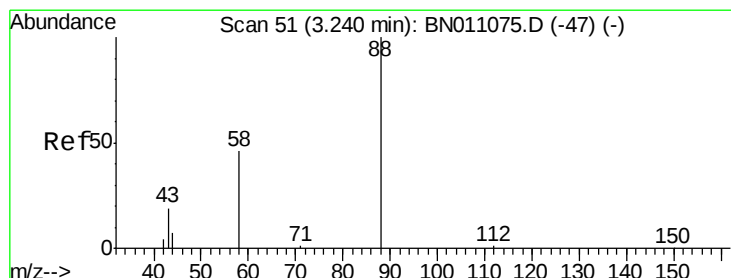
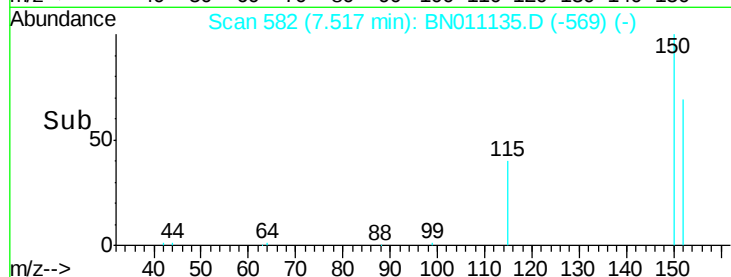
Tot Ion:152 Resp: 1979
Ion Ratio Lower Upper
152 100
150 153.3 117.4 176.0
115 61.8 47.9 71.9



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



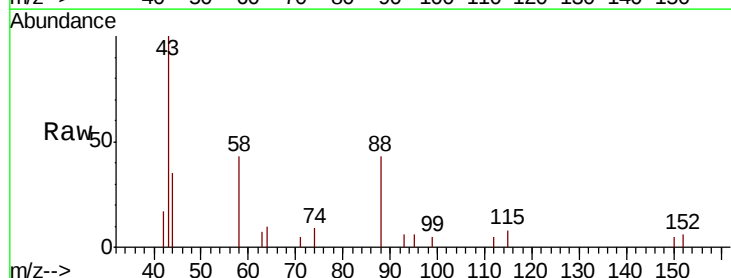
Time-->



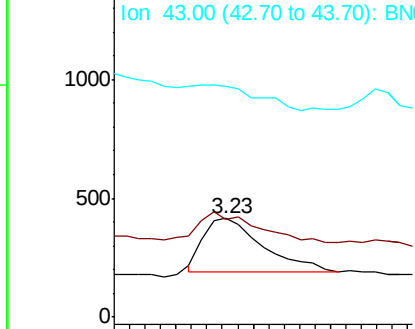
#2

1,4-Dioxane
Concen: 0.212 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN011135.D
Acq: 09 Jul 2020 16:50

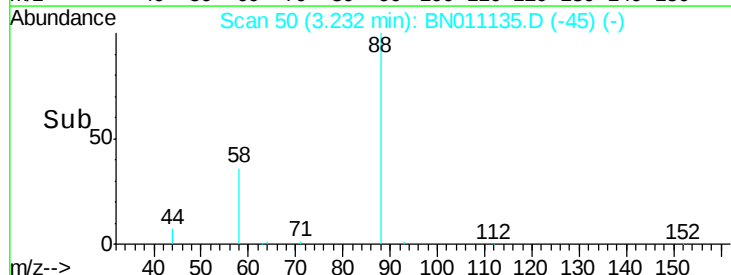
Tgt Ion: 88 Resp: 591
Ion Ratio Lower Upper
88 100
58 51.1 38.6 57.8
43 0.0 15.4 23.0#

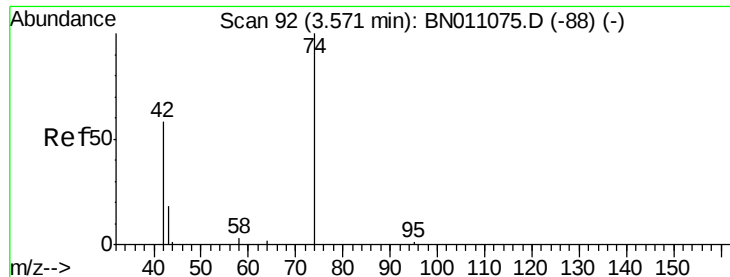


Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



Time-->



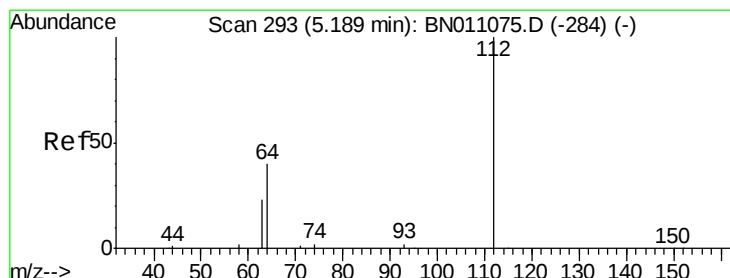
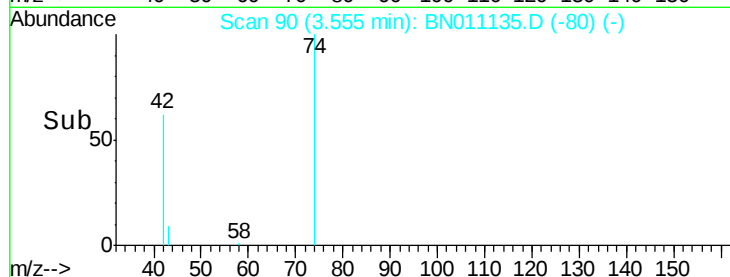
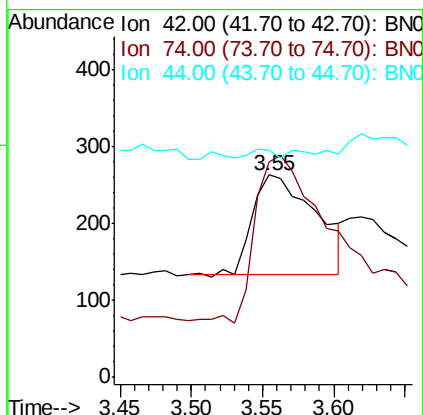
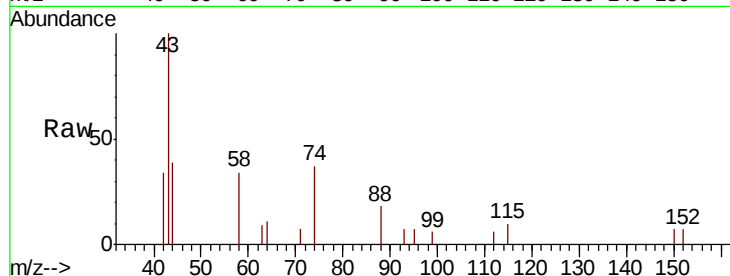


#3

n-Nitrosodimethylamine
 Concen: 0.284 ng
 RT: 3.55 min Scan# 90
 Delta R.T. -0.02 min
 Lab File: BN011135.D
 Acq: 09 Jul 2020 16:50

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BSD

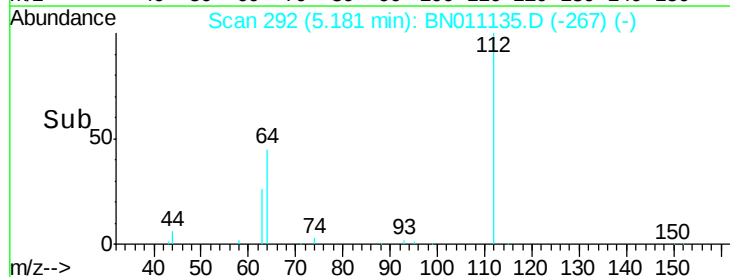
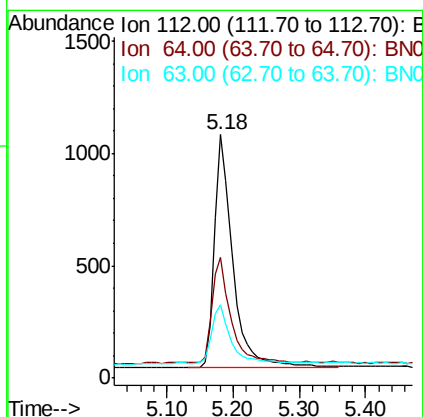
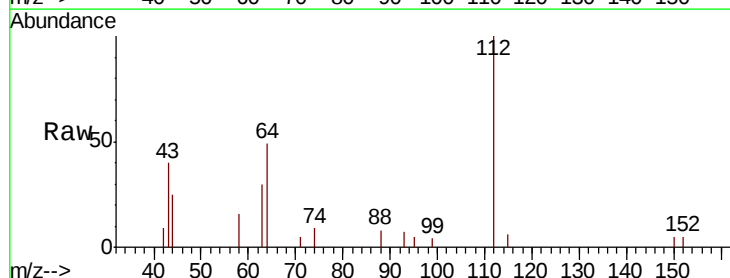
Tot Ion: 42 Resp: 400
 Ion Ratio Lower Upper
 42 100
 74 229.0 142.5 213.7#
 44 3.5 0.0 0.0#

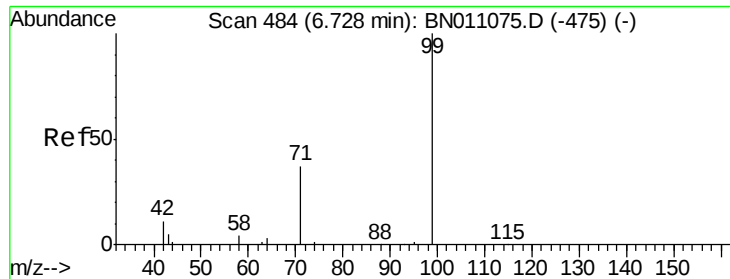


#4

2-Fluorophenol
 Concen: 0.409 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: BN011135.D
 Acq: 09 Jul 2020 16:50

Tgt Ion: 112 Resp: 2012
 Ion Ratio Lower Upper
 112 100
 64 45.9 36.5 54.7
 63 27.1 20.6 30.8





#5

Phenol-d6

Concen: 0.320 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

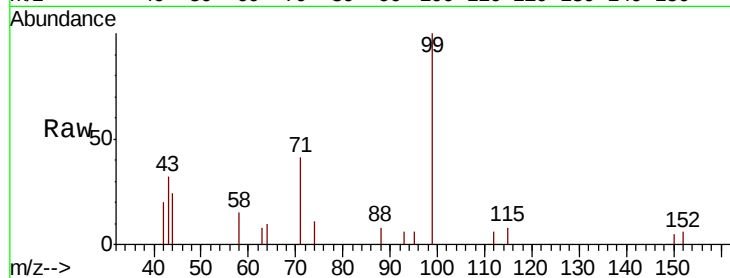
Tot Ion: 99 Resp: 1810

Ion Ratio Lower Upper

99 100

42 13.6 9.8 14.8

71 39.8 30.7 46.1



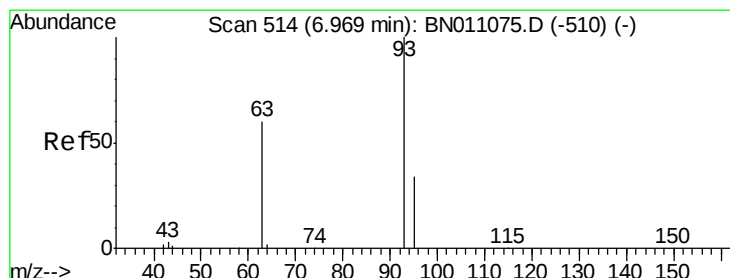
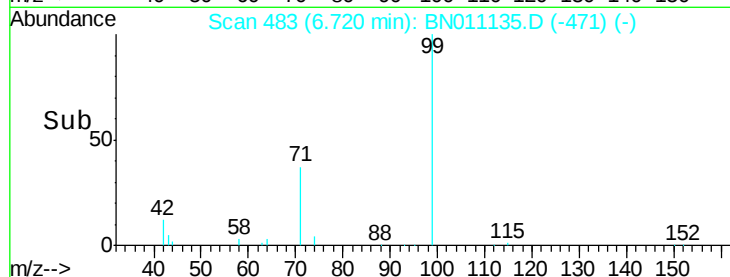
Abundance Ion 99.00 (98.70 to 99.70): BN011135.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN011135.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN011135.D (-471) (-)

6.72

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.309 ng

RT: 6.96 min Scan# 513

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

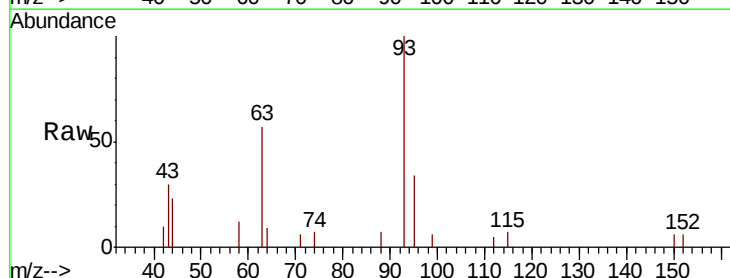
Tgt Ion: 93 Resp: 1588

Ion Ratio Lower Upper

93 100

63 58.6 47.4 71.2

95 34.2 26.4 39.6



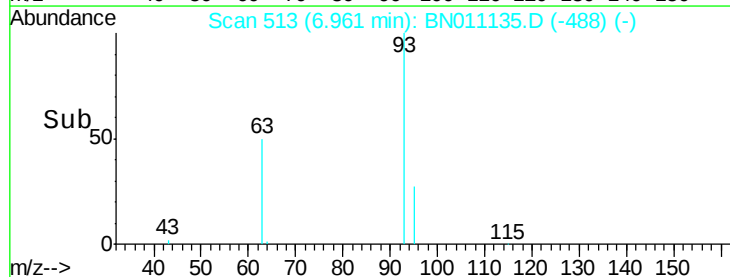
Abundance Ion 93.00 (92.70 to 93.70): BN011135.D (-488) (-)

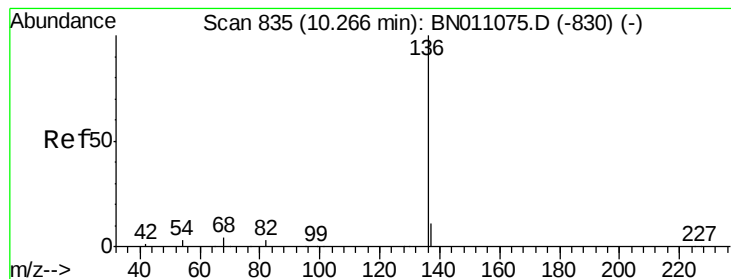
Ion 63.00 (62.70 to 63.70): BN011135.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011135.D (-488) (-)

6.96

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

Tot Ion:136 Resp: 6514

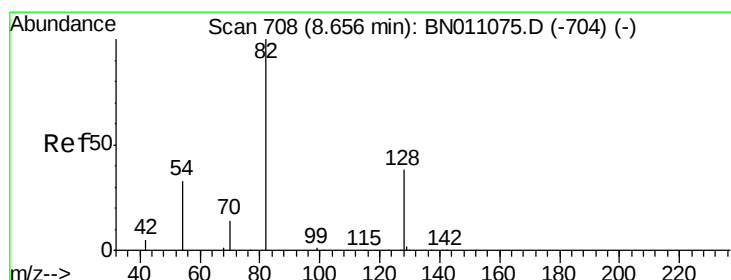
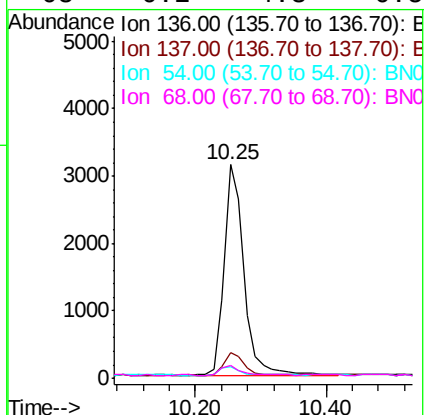
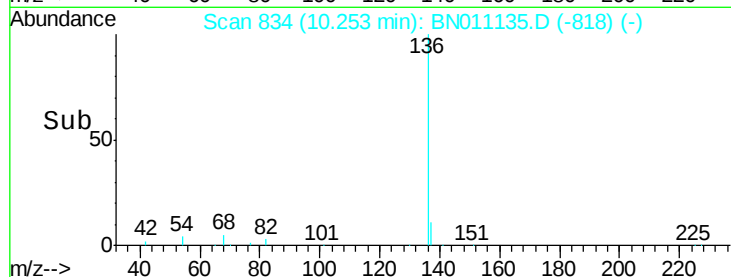
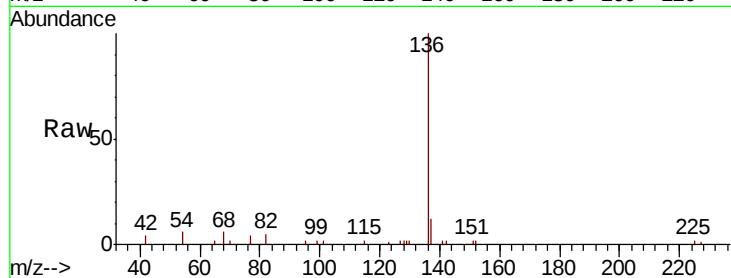
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 5.7 3.8 5.6#

68 6.2 4.3 6.5



#8

Nitrobenzene-d5

Concen: 0.414 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

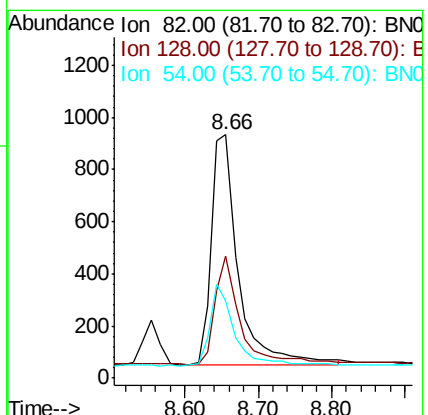
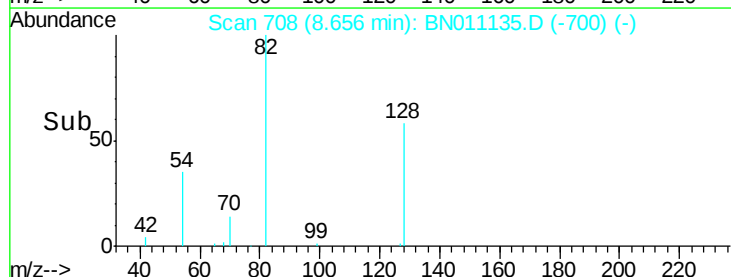
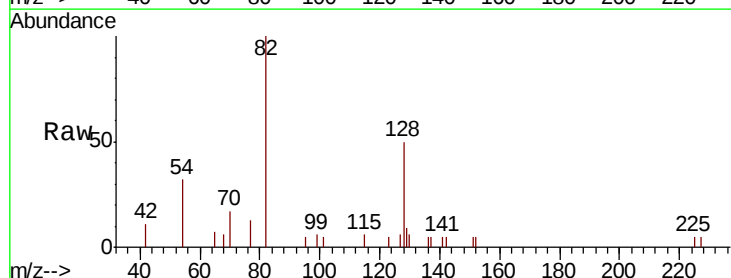
Tgt Ion: 82 Resp: 2294

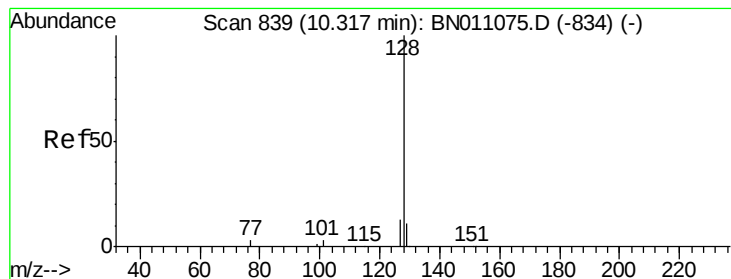
Ion Ratio Lower Upper

82 100

128 50.3 34.2 51.2

54 31.6 29.4 44.0





#9

Naphthalene

Concen: 0.306 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

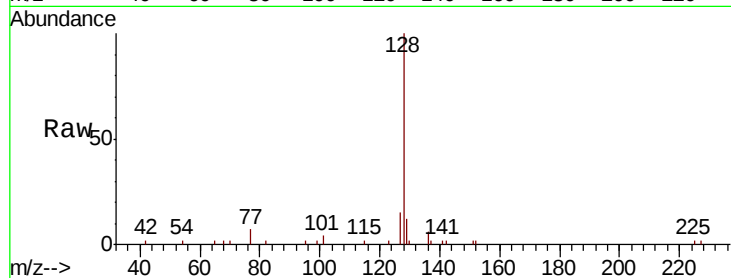
Tot Ion:128 Resp: 5954

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.8

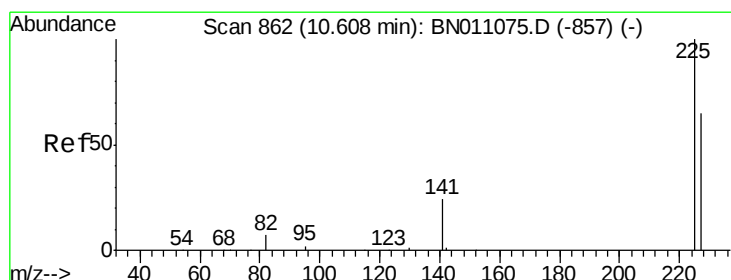
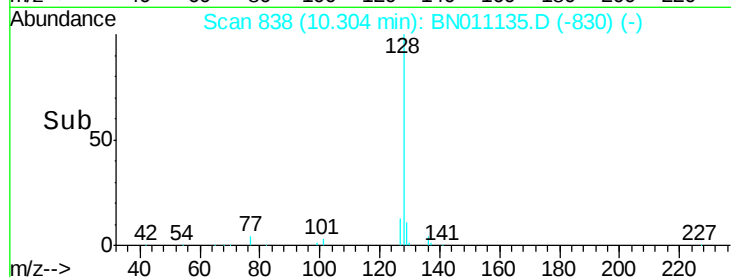
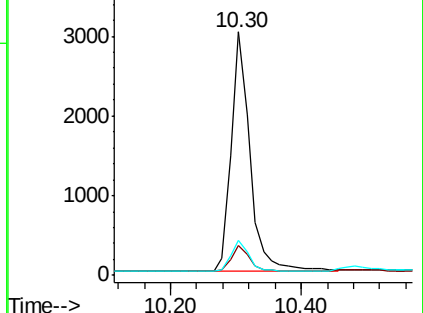
127 14.6 11.3 16.9



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: 0.288 ng

RT: 10.60 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

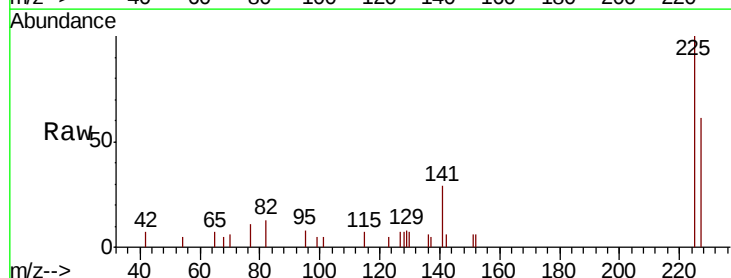
Tgt Ion:225 Resp: 1420

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

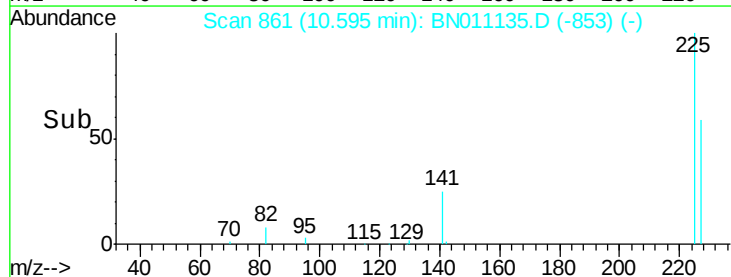
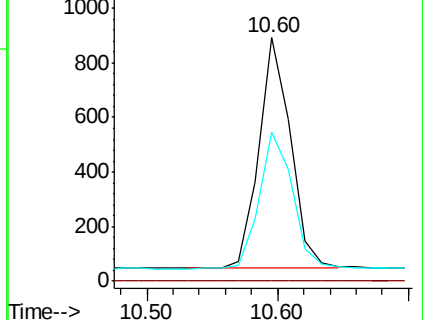
227 61.9 51.4 77.2

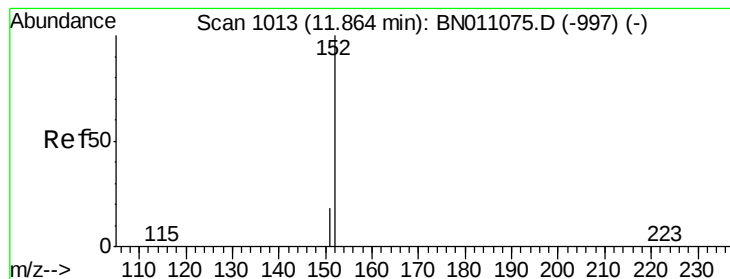


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.512 ng

RT: 11.85 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

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ClientSampleId :

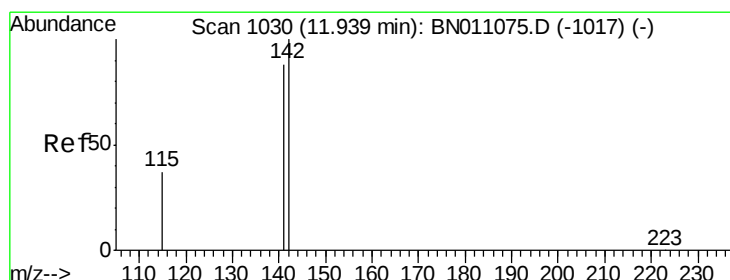
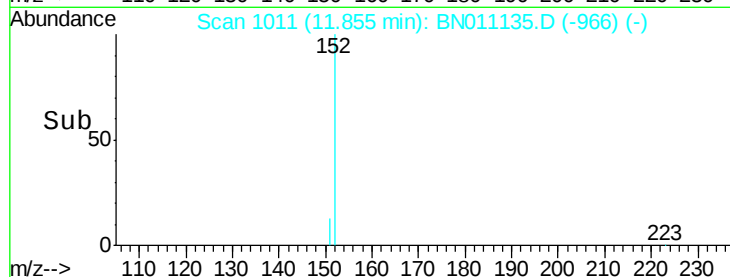
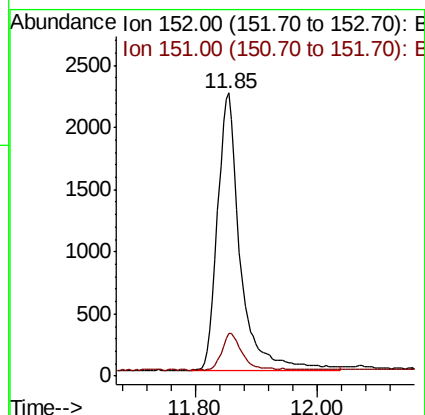
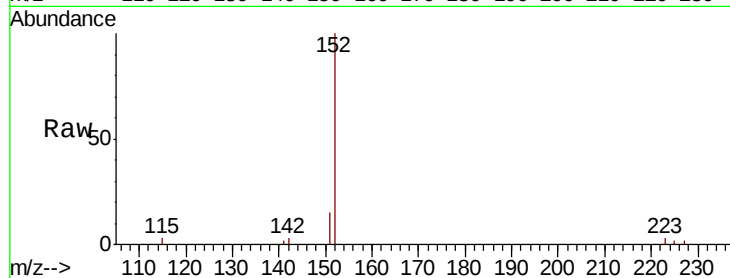
PB130052BSD

Tot Ion:152 Resp: 5769

Ion Ratio Lower Upper

152 100

151 11.8 16.6 24.8#



#12

2-Methylnaphthalene

Concen: 0.301 ng

RT: 11.93 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

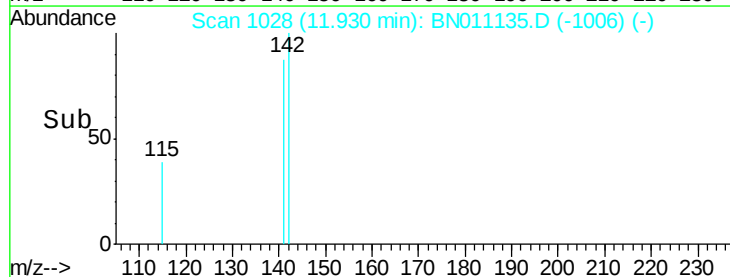
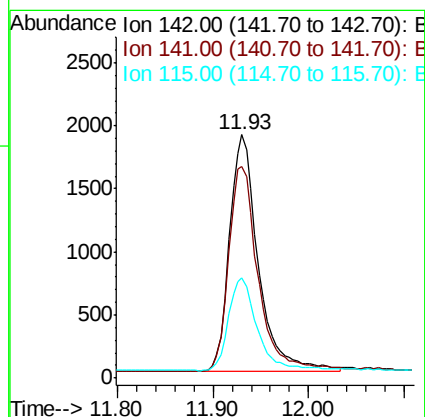
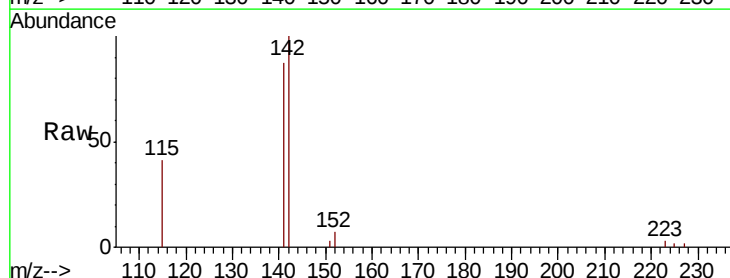
Tgt Ion:142 Resp: 3912

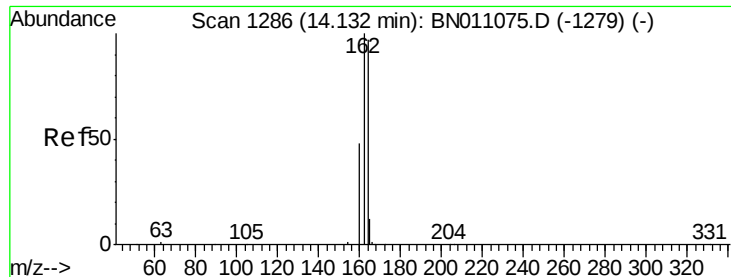
Ion Ratio Lower Upper

142 100

141 87.1 70.3 105.5

115 41.2 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

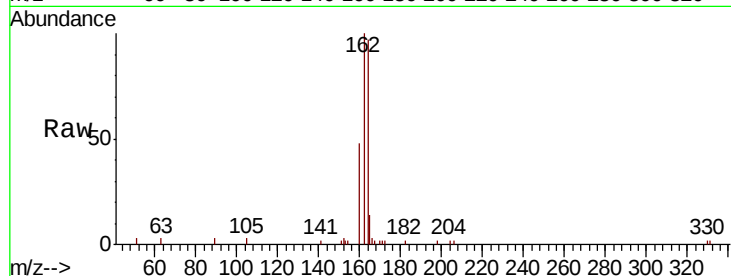
Tot Ion:164 Resp: 3366

Ion Ratio Lower Upper

164 100

162 103.2 82.3 123.5

160 49.9 40.6 61.0

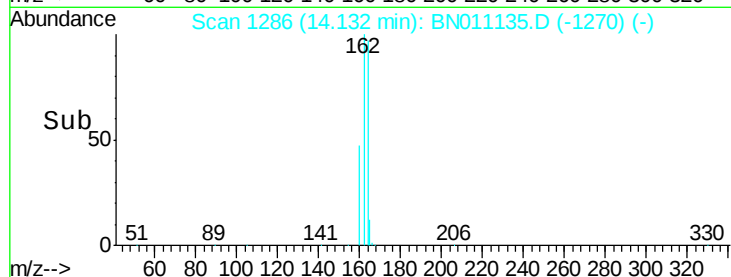


Abundance Ion 164.00 (163.70 to 164.70): E

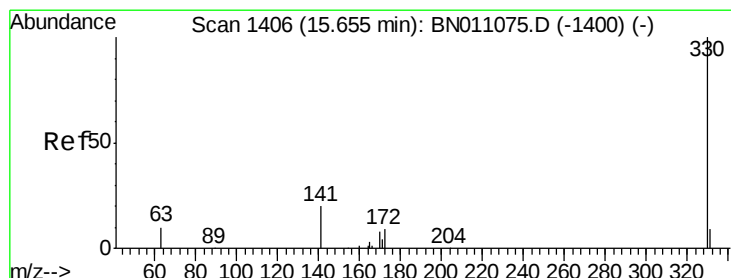
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

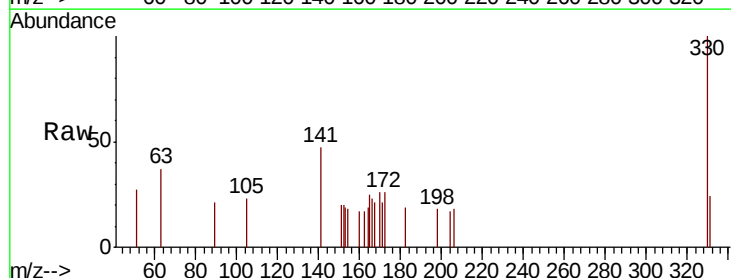
Tgt Ion:330 Resp: 485

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 39.6 32.6 49.0

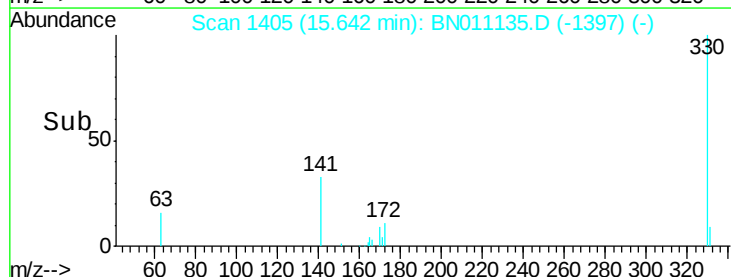


Abundance Ion 330.00 (329.70 to 330.70): E

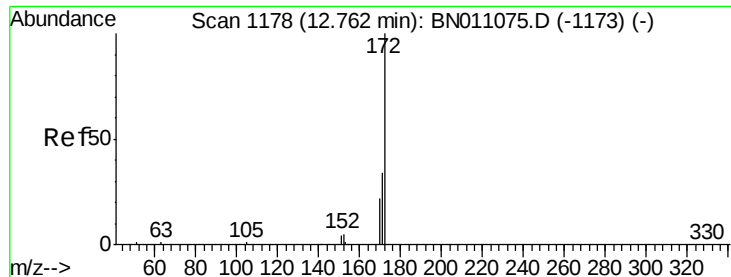
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



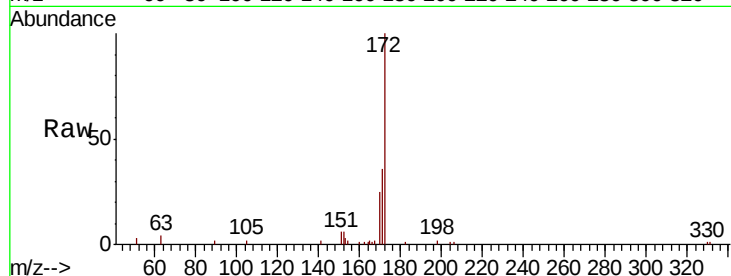
Time-->



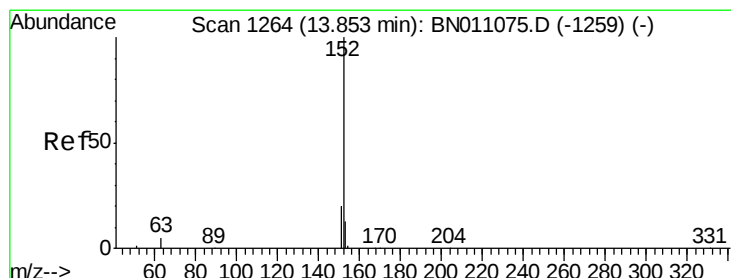
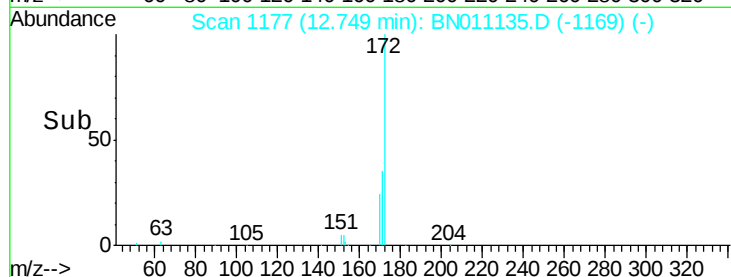
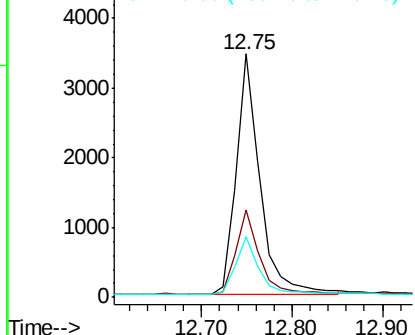
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.75 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN011135.D
Acq: 09 Jul 2020 16:50

Instrument :
BNA_N
ClientSampleId :
PB130052BSD

Tot Ion:172 Resp: 6250
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 24.7 18.7 28.1

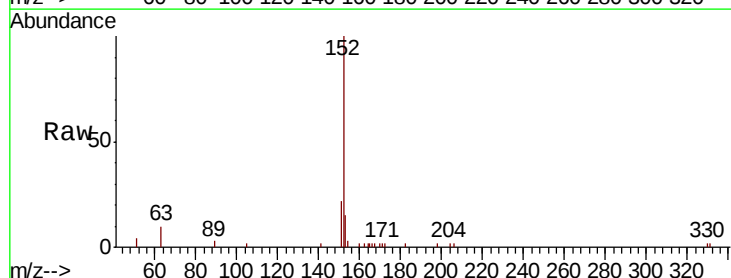


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

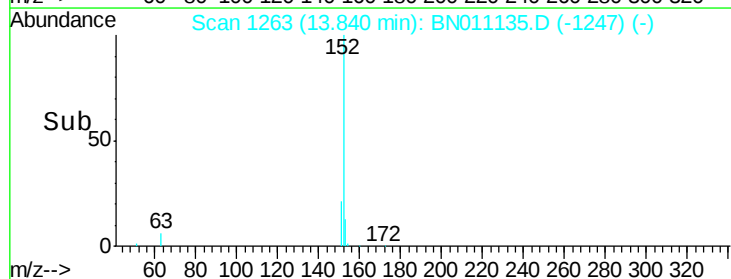
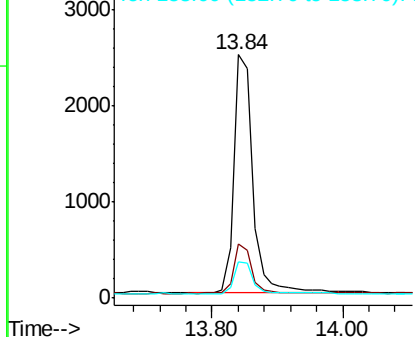


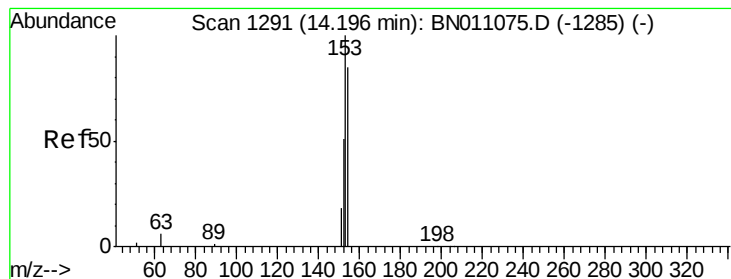
#16
Acenaphthylene
Concen: 0.297 ng
RT: 13.84 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BN011135.D
Acq: 09 Jul 2020 16:50

Tgt Ion:152 Resp: 5015
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.4 10.8 16.2



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: 0.286 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

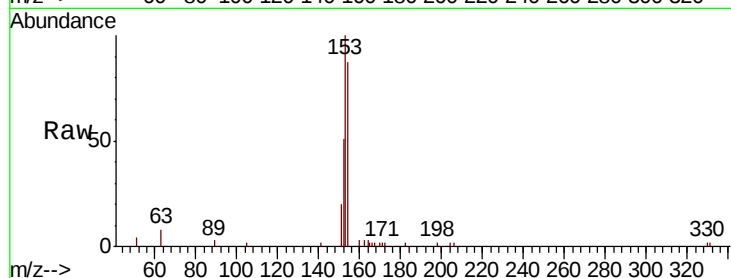
Tot Ion:154 Resp: 3273

Ion Ratio Lower Upper

154 100

153 118.2 91.7 137.5

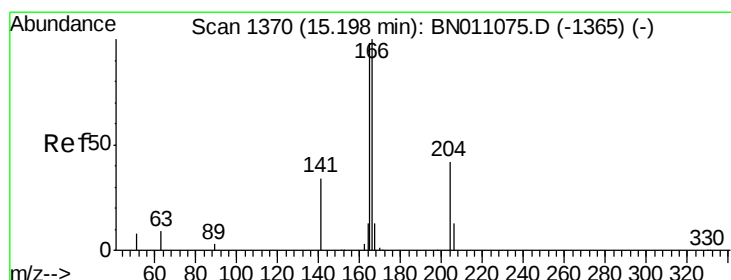
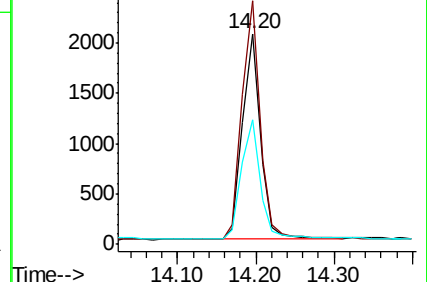
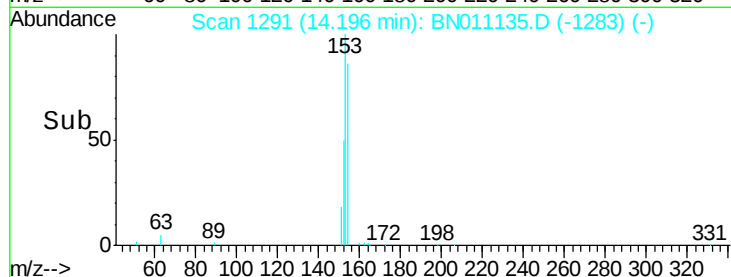
152 60.3 46.8 70.2



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: 0.335 ng

RT: 15.19 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

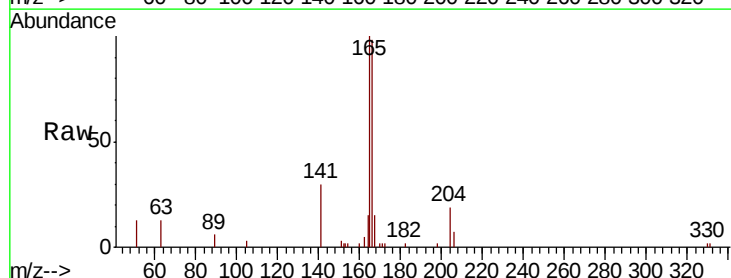
Tgt Ion:166 Resp: 4795

Ion Ratio Lower Upper

166 100

165 99.1 78.9 118.3

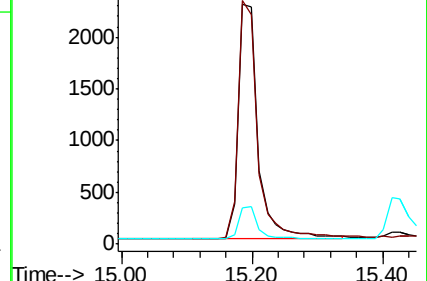
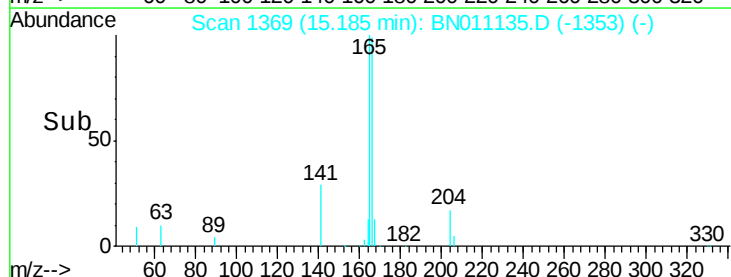
167 14.2 10.9 16.3

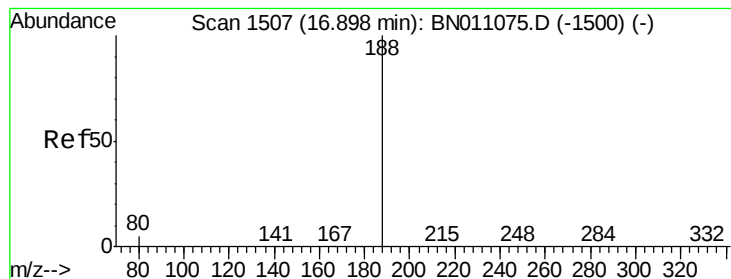


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.89 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

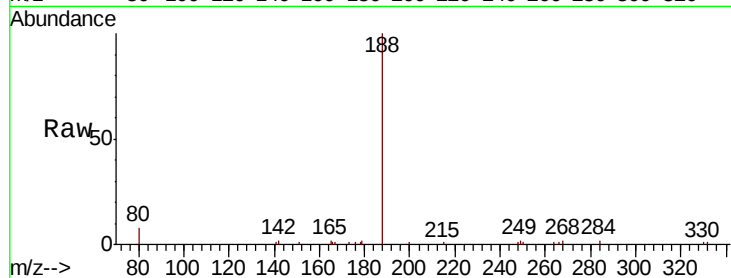
Tot Ion:188 Resp: 6919

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

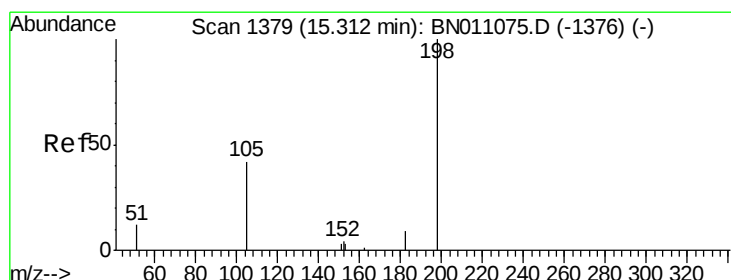
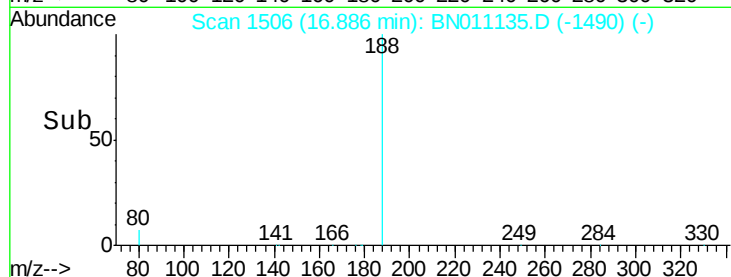
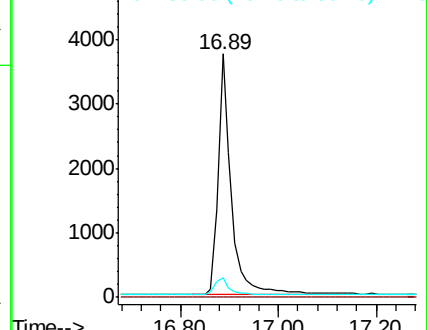
80 8.1 5.3 7.9#



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: 0.465 ng

RT: 15.31 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

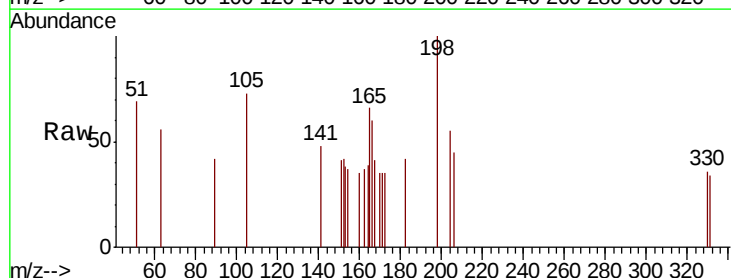
Tgt Ion:198 Resp: 330

Ion Ratio Lower Upper

198 100

51 68.9 58.2 87.4

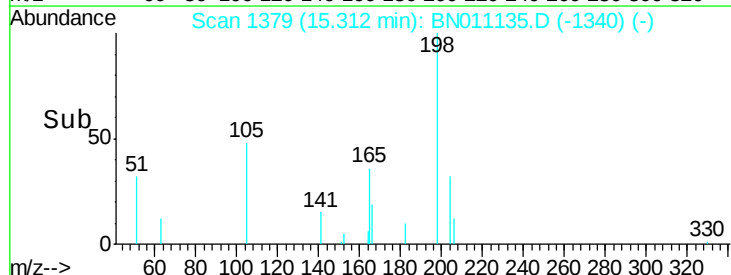
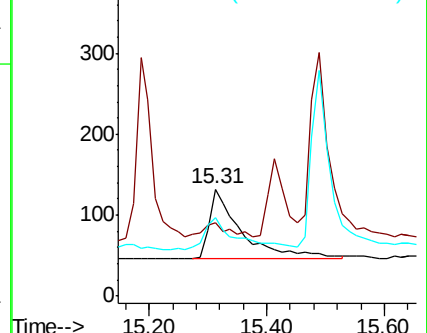
105 73.5 59.0 88.4

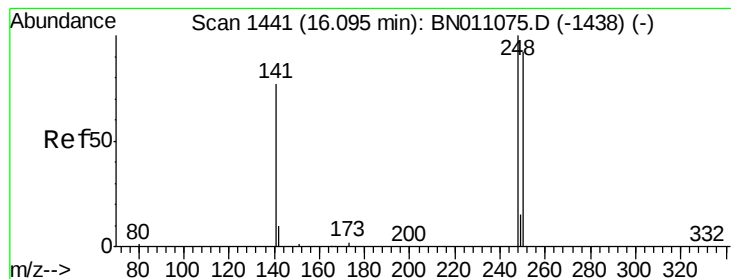


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.262 ng

RT: 16.10 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

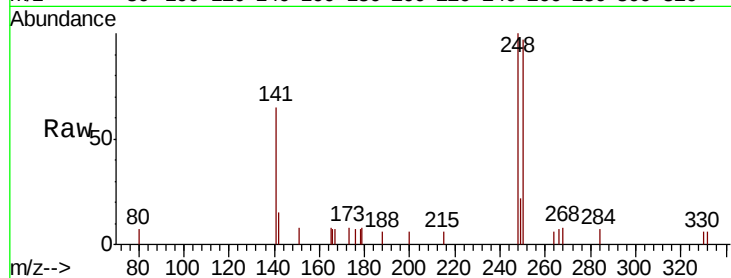
Tot Ion:248 Resp: 1206

Ion Ratio Lower Upper

248 100

250 96.8 73.8 110.8

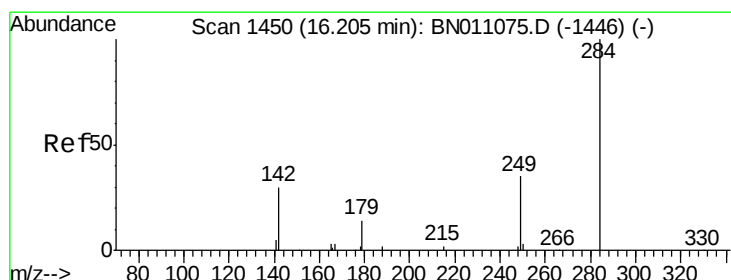
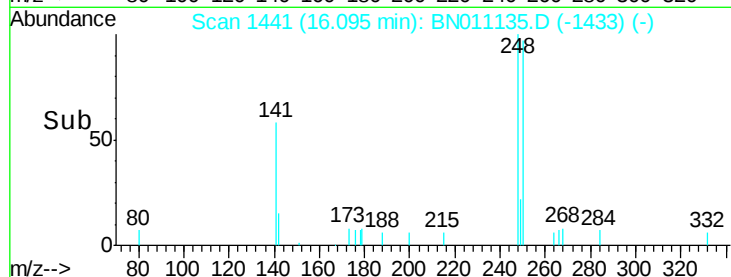
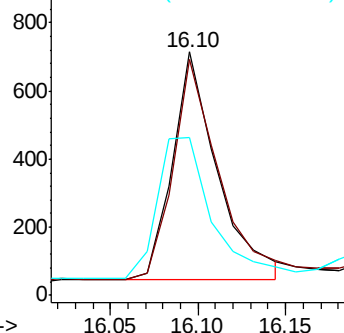
141 65.1 63.1 94.7



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#22

Hexachlorobenzene

Concen: 0.278 ng

RT: 16.20 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

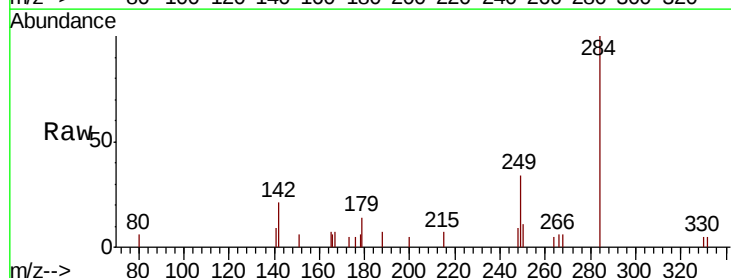
Tgt Ion:284 Resp: 1509

Ion Ratio Lower Upper

284 100

142 40.9 33.3 49.9

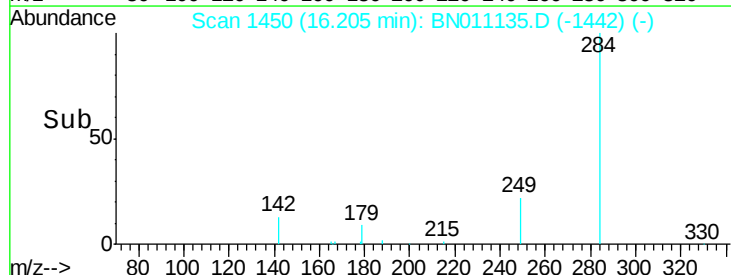
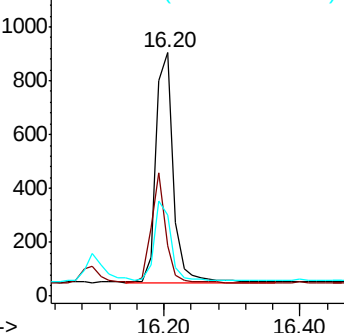
249 34.1 27.4 41.2

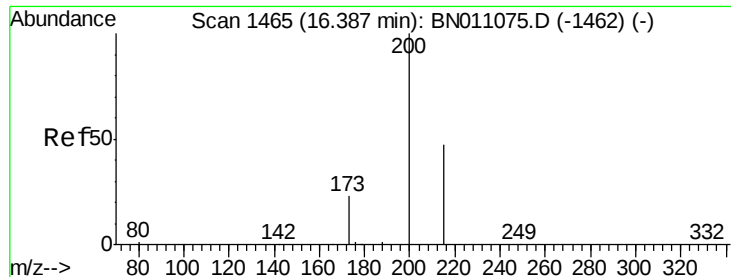


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.135 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

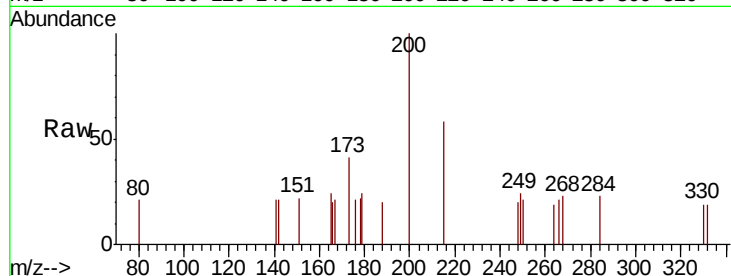
Tot Ion:200 Resp: 440

Ion Ratio Lower Upper

200 100

173 40.6 22.8 34.2#

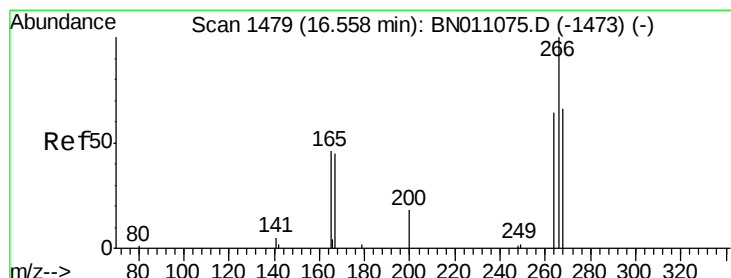
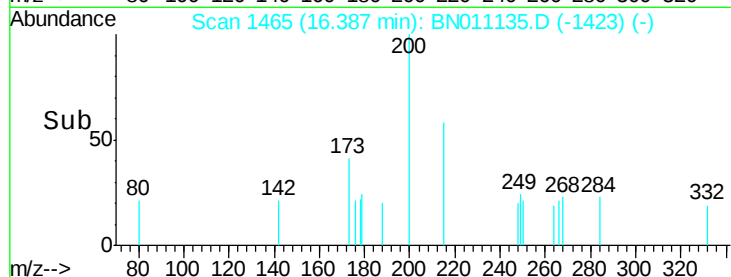
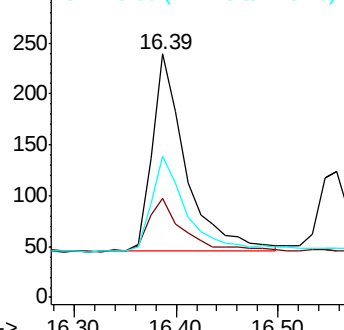
215 58.2 40.7 61.1



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: 0.701 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

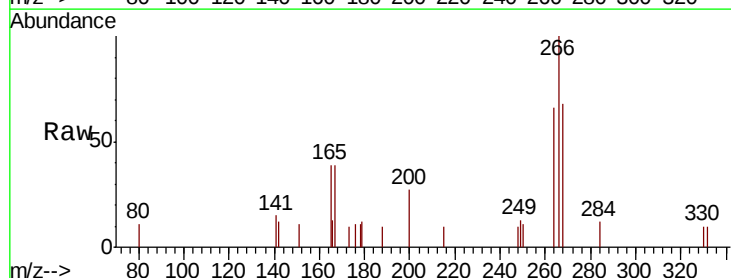
Tgt Ion:266 Resp: 1022

Ion Ratio Lower Upper

266 100

264 60.2 47.4 71.0

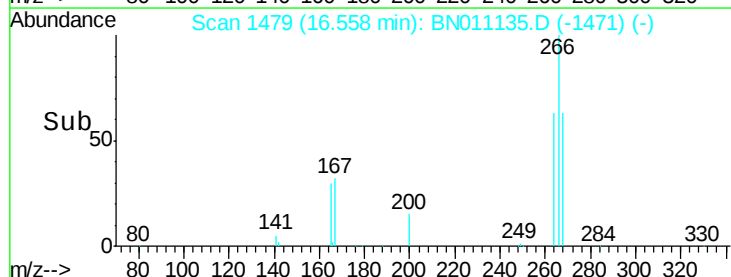
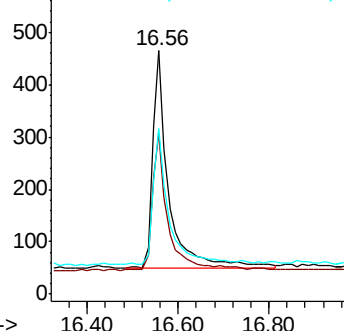
268 63.4 55.0 82.4

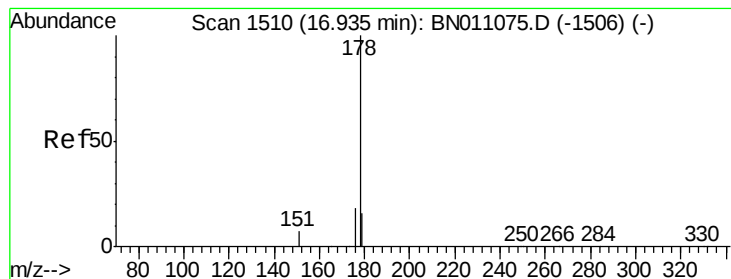


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.284 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

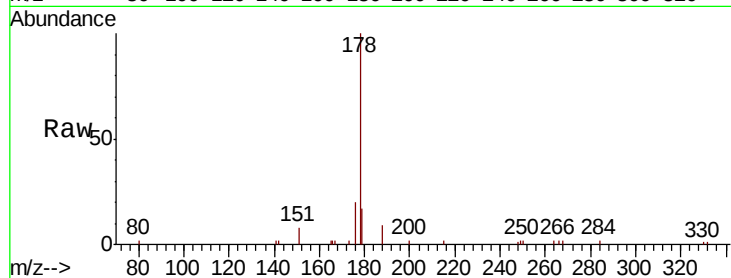
Tot Ion:178 Resp: 6369

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

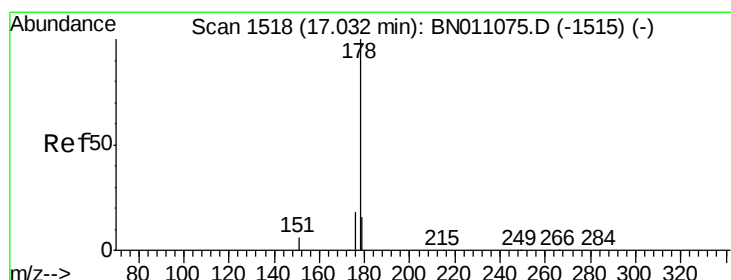
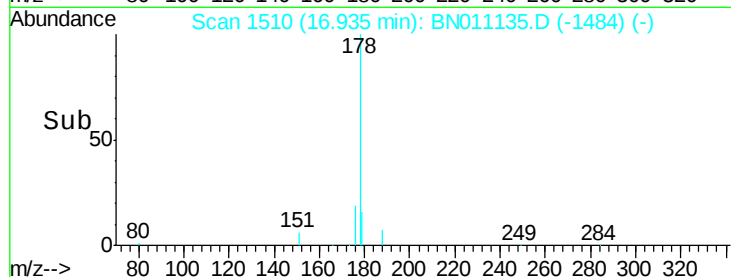
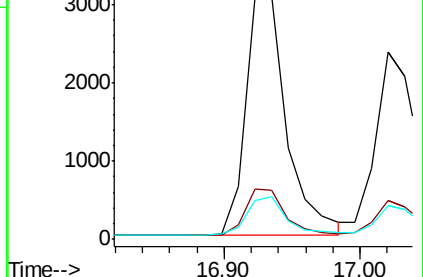
179 15.9 12.5 18.7



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



#26

Anthracene

Concen: 0.285 ng

RT: 17.02 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

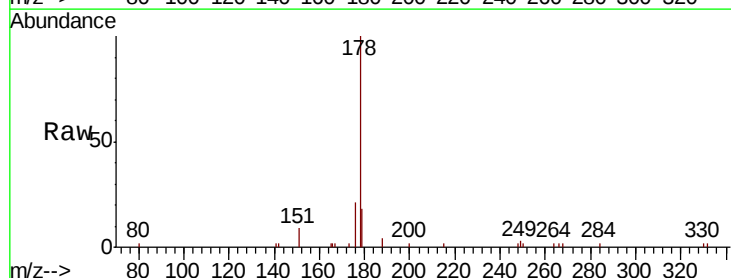
Tgt Ion:178 Resp: 5283

Ion Ratio Lower Upper

178 100

176 19.0 14.2 21.4

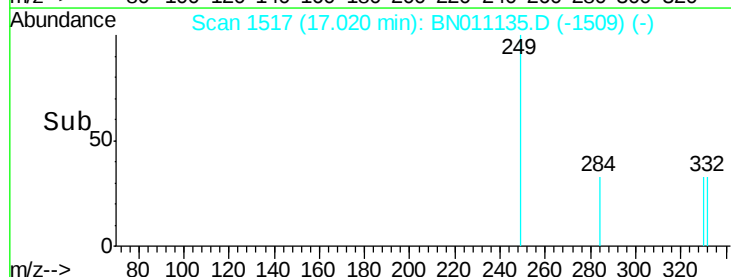
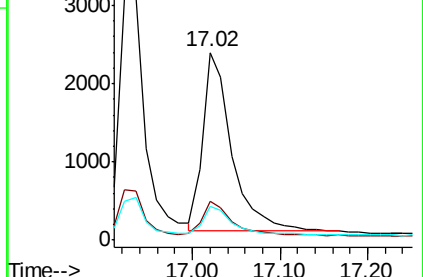
179 15.4 12.2 18.2

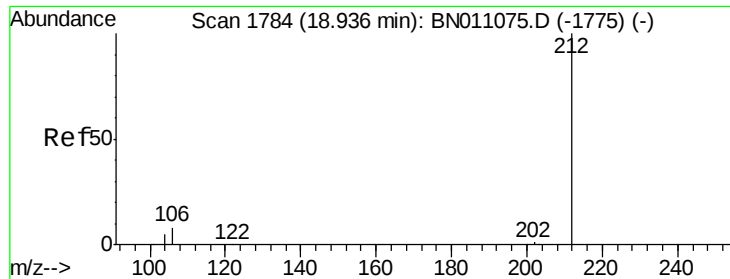


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

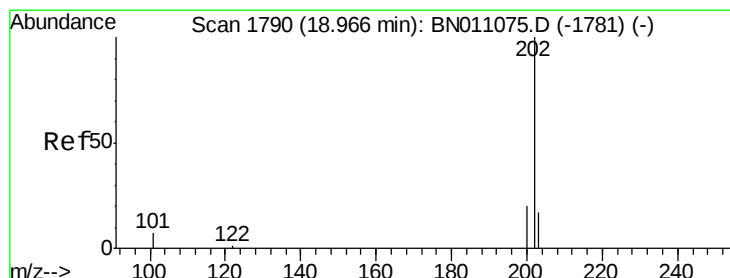
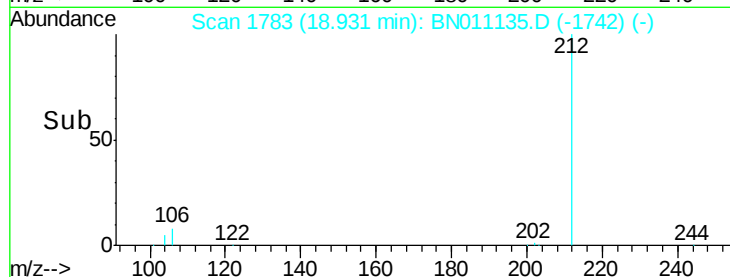
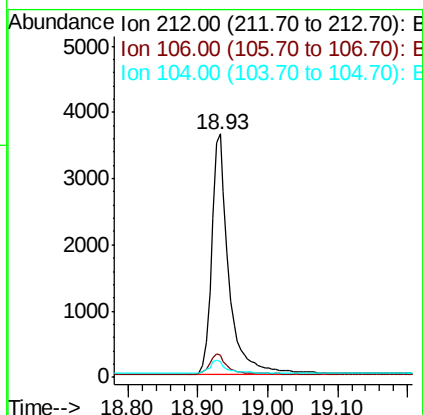
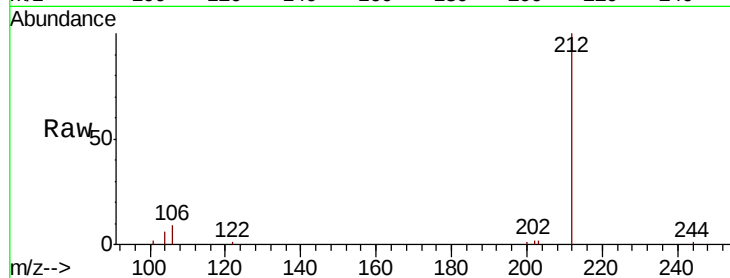




#27
 Fluoranthene-d10
 Concen: 0.295 ng
 RT: 18.93 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BN011135.D
 Acq: 09 Jul 2020 16:50

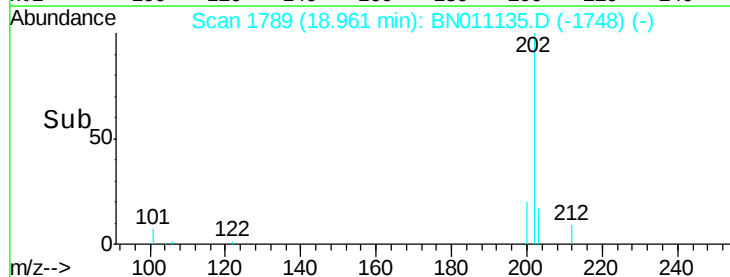
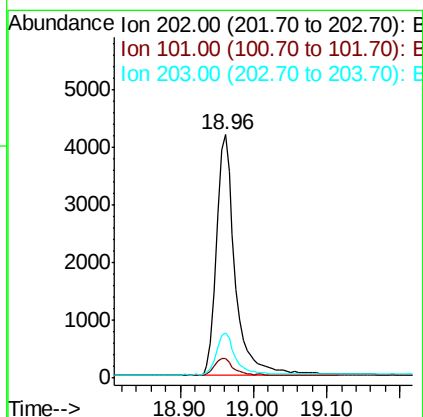
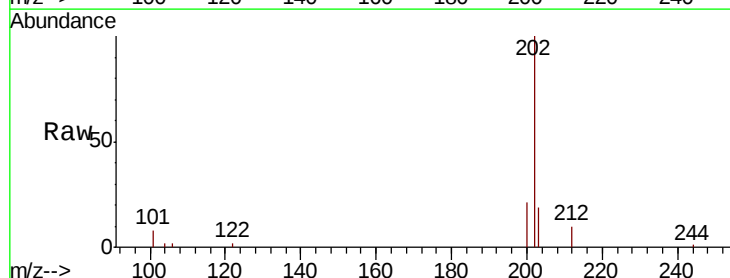
Instrument :
 BNA_N
 ClientSampleId :
 PB130052BSD

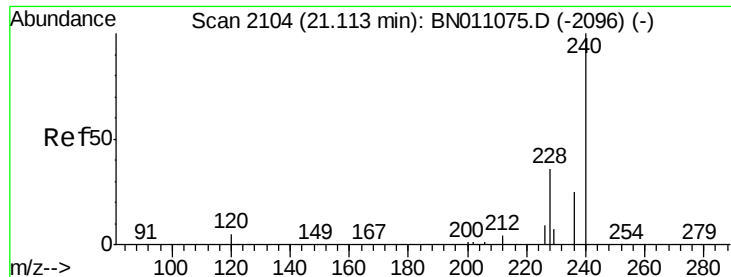
Tot Ion:212 Resp: 6178
 Ion Ratio Lower Upper
 212 100
 106 8.5 7.1 10.7
 104 5.3 4.2 6.4



#28
 Fluoranthene
 Concen: 0.293 ng
 RT: 18.96 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BN011135.D
 Acq: 09 Jul 2020 16:50

Tgt Ion:202 Resp: 7394
 Ion Ratio Lower Upper
 202 100
 101 7.4 6.3 9.5
 203 17.5 13.5 20.3

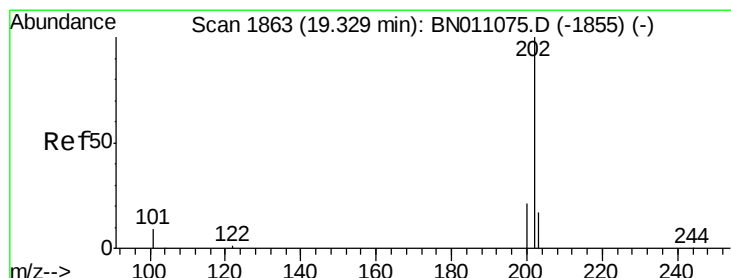
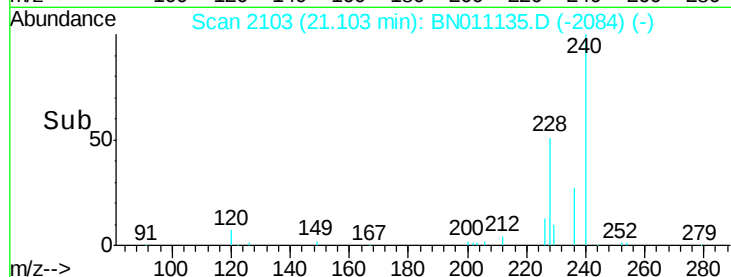
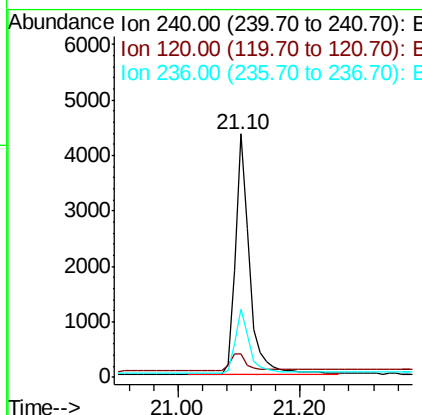
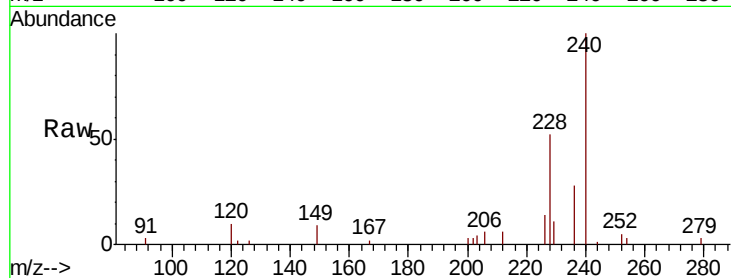




#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.10 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BN011135.D
 Acq: 09 Jul 2020 16:50

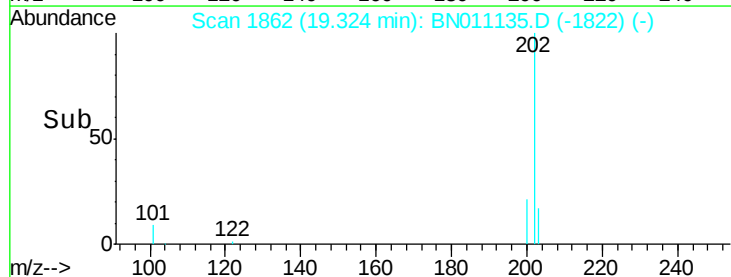
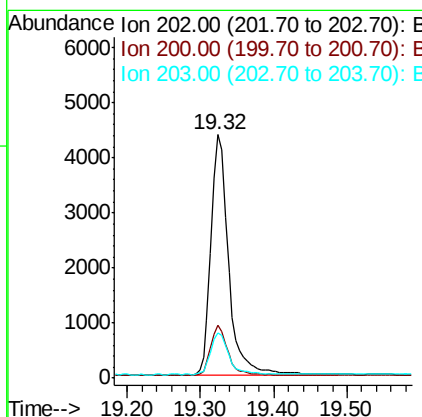
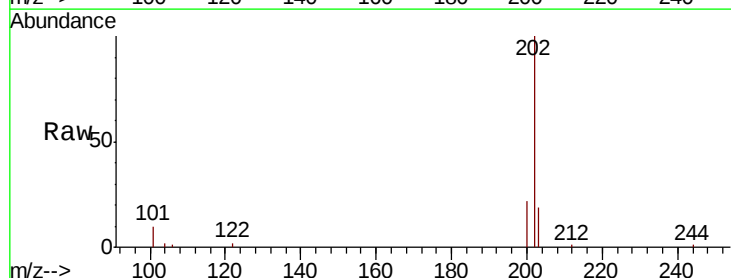
Instrument :
 BNA_N
 ClientSampleId :
 PB130052BSD

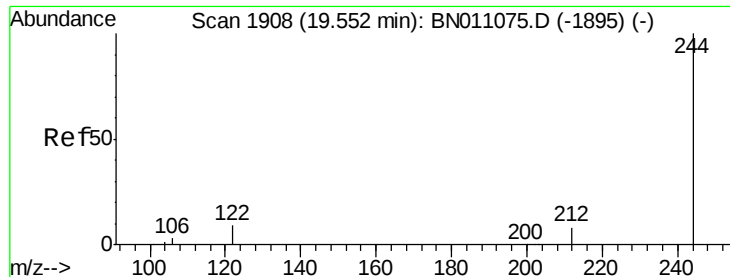
Tot Ion:240 Resp: 7099
 Ion Ratio Lower Upper
 240 100
 120 9.7 6.5 9.7
 236 28.1 21.9 32.9



#30
 Pyrene
 Concen: 0.275 ng
 RT: 19.32 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: BN011135.D
 Acq: 09 Jul 2020 16:50

Tgt Ion:202 Resp: 7287
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.6 25.0
 203 17.9 14.2 21.4





#31

Terphenyl-d14

Concen: 0.363 ng

RT: 19.55 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

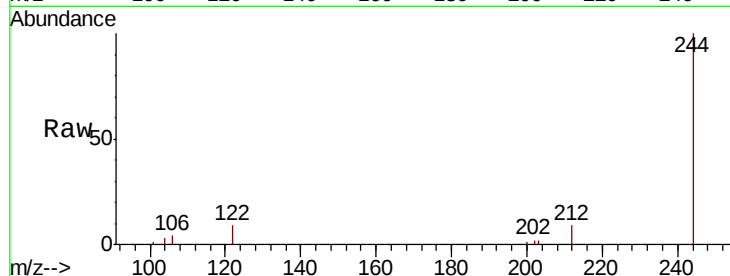
Tot Ion:244 Resp: 6705

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

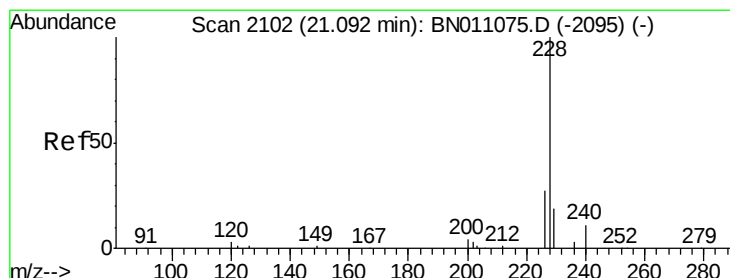
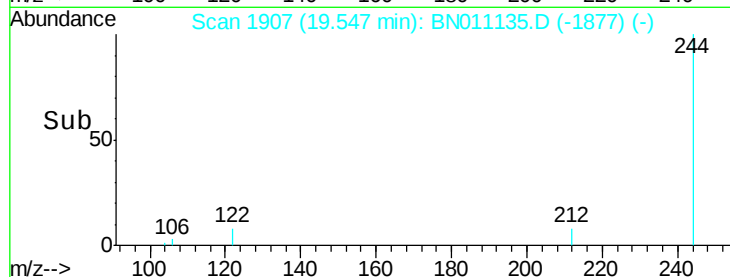
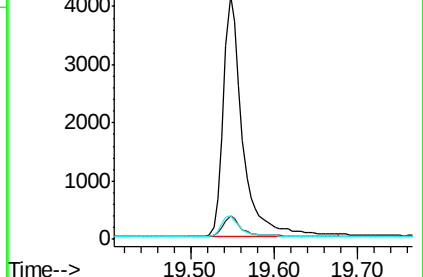
122 9.4 8.2 12.4



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: 0.298 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

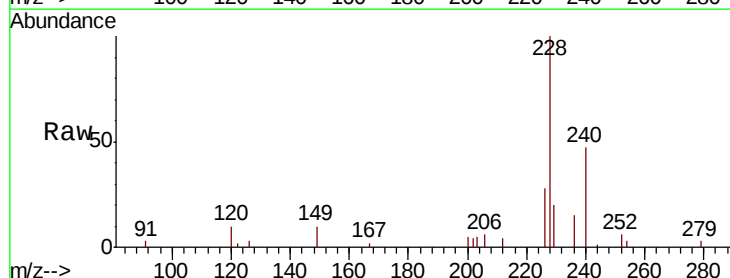
Tgt Ion:228 Resp: 7068

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

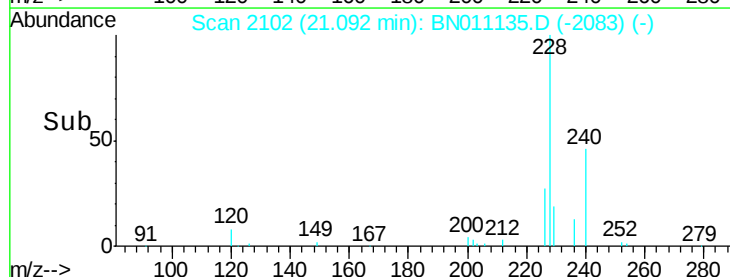
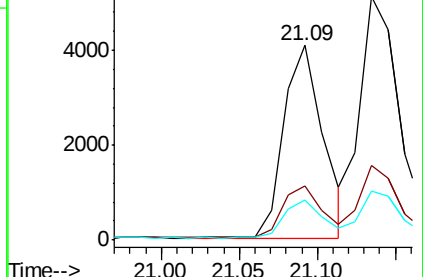
229 20.4 16.1 24.1

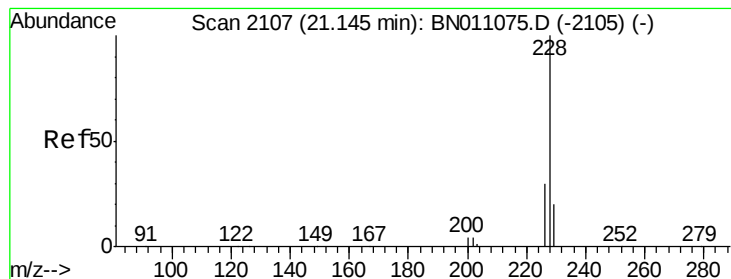


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.336 ng

RT: 21.13 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

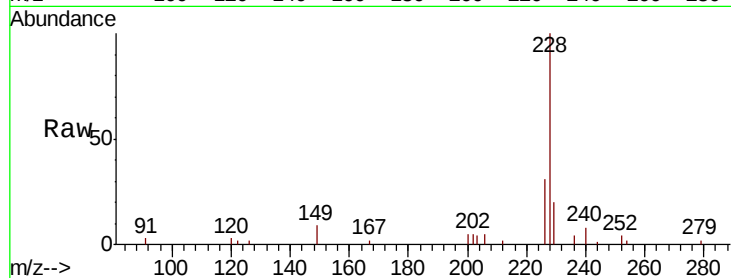
BNA_N

ClientSampleId :

PB130052BSD

Tot Ion:228 Resp: 9146

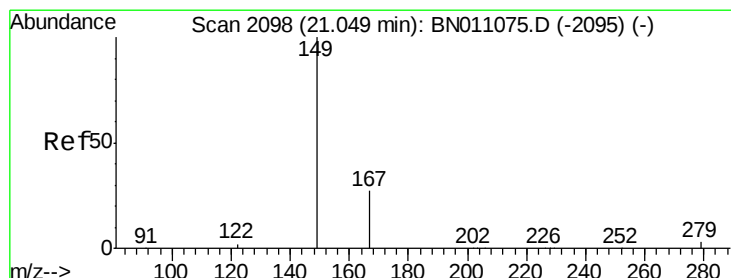
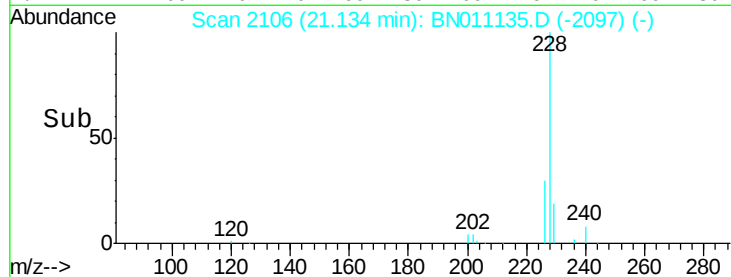
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.2	16.4	24.6



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: 0.292 ng

RT: 21.04 min Scan# 2097

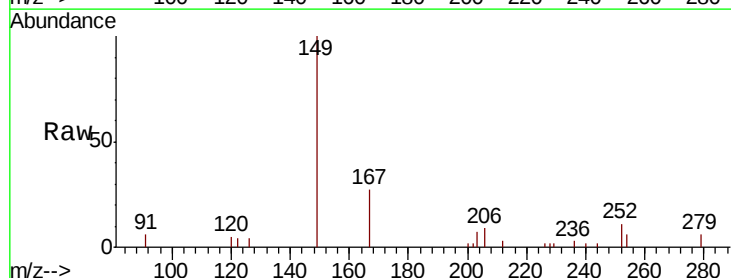
Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Tgt Ion:149 Resp: 2802

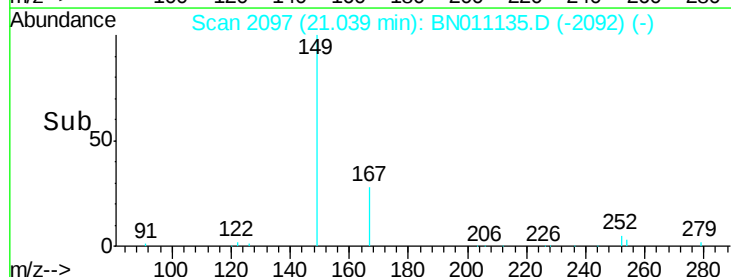
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	5.2	4.5	6.7

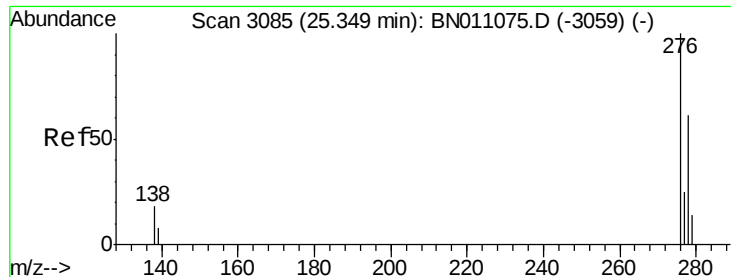


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

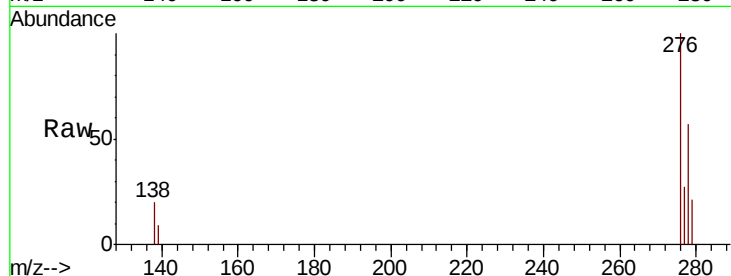




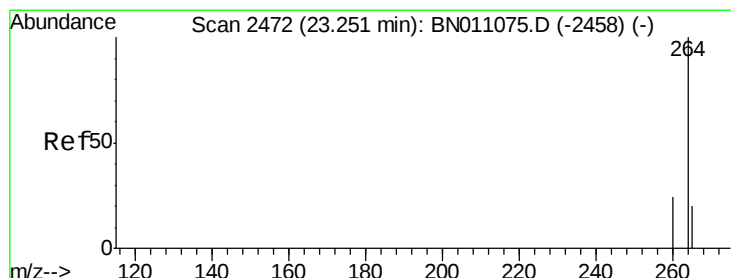
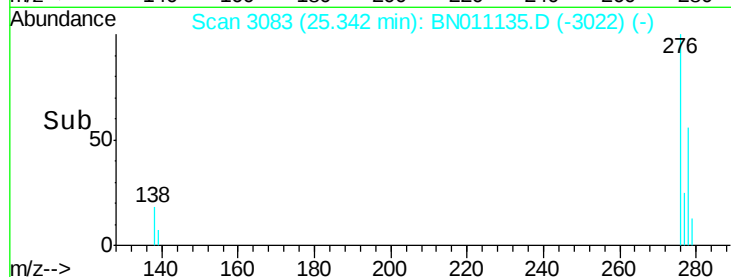
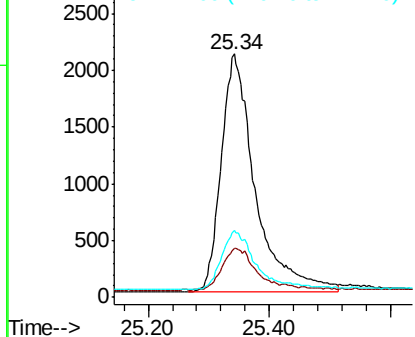
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.288 ng
 RT: 25.34 min Scan# 3083
 Delta R.T. 0.01 min
 Lab File: BN011135.D
 Acq: 09 Jul 2020 16:50

Instrument :
 BNA_N
 ClientSampleId :
 PB130052BSD

Tot Ion:276 Resp: 8187
 Ion Ratio Lower Upper
 276 100
 138 16.9 15.4 23.0
 277 23.3 19.4 29.0

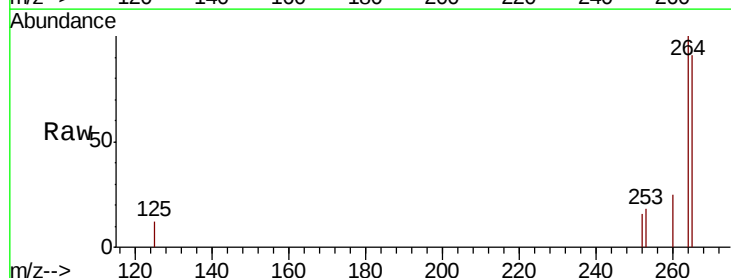


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

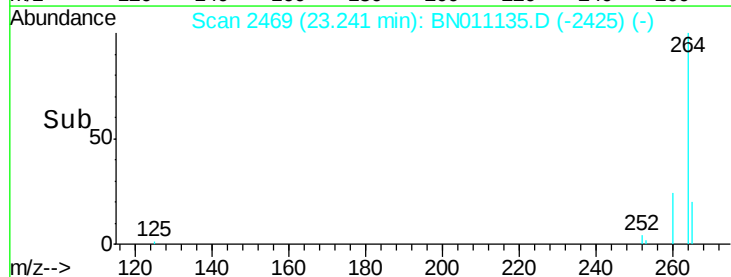
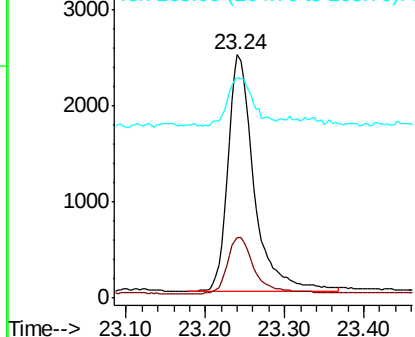


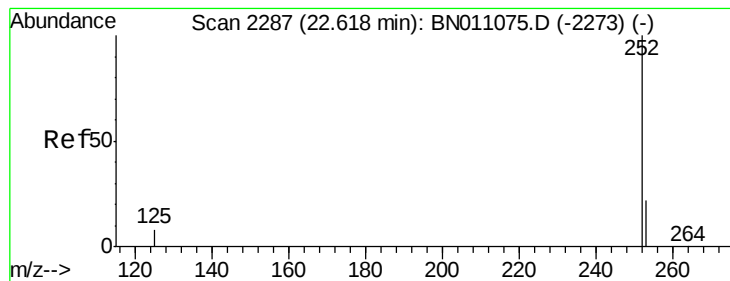
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.24 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BN011135.D
 Acq: 09 Jul 2020 16:50

Tgt Ion:264 Resp: 5642
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.4 30.6
 265 90.8 83.0 124.6



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: 0.306 ng

RT: 22.61 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

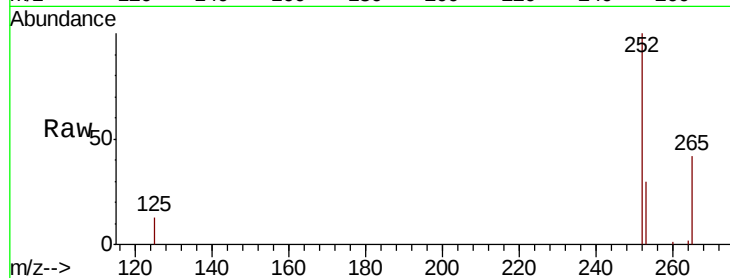
Tot Ion:252 Resp: 6911

Ion Ratio Lower Upper

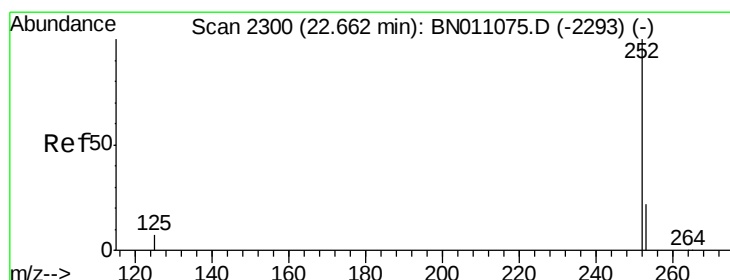
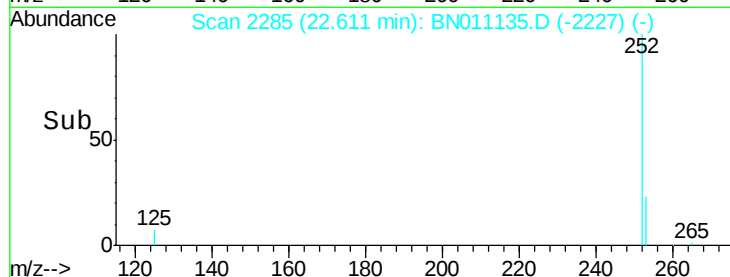
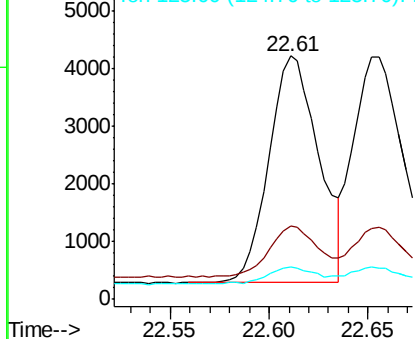
252 100

253 30.2 22.7 34.1

125 13.3 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 0.312 ng

RT: 22.65 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

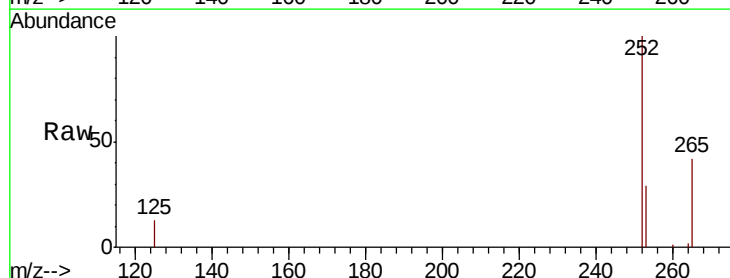
Tgt Ion:252 Resp: 7564

Ion Ratio Lower Upper

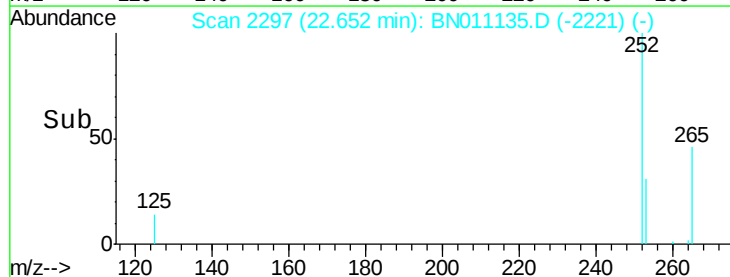
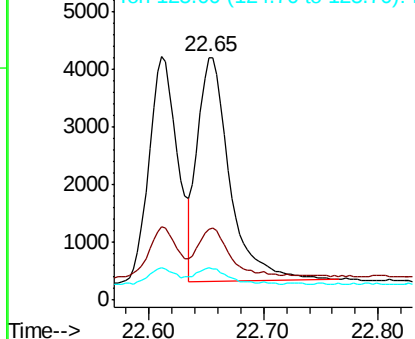
252 100

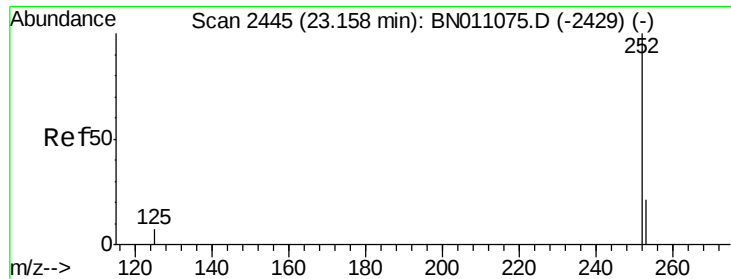
253 29.0 22.9 34.3

125 13.1 10.6 15.8



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: 0.299 ng

RT: 23.15 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD

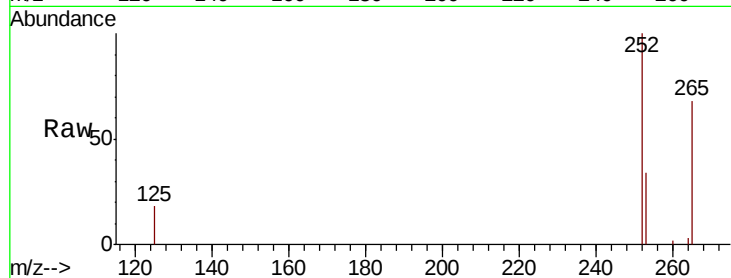
Tot Ion:252 Resp: 5823

Ion Ratio Lower Upper

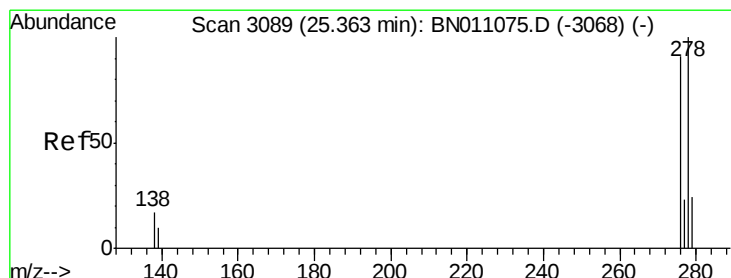
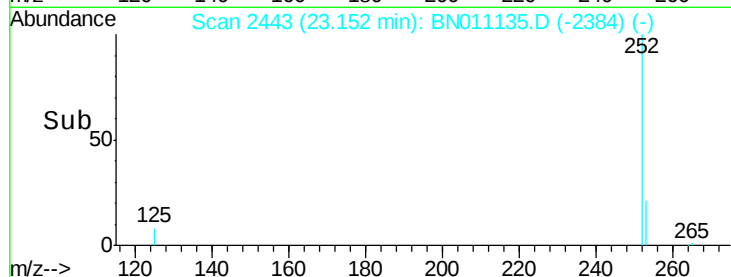
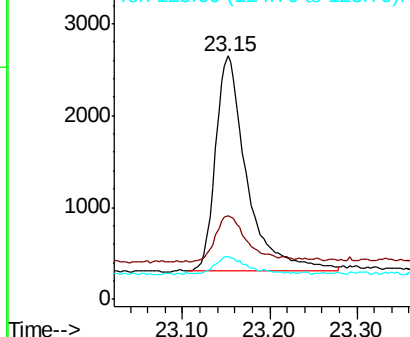
252 100

253 34.4 25.9 38.9

125 17.6 12.5 18.7



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: 0.339 ng

RT: 25.36 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BN011135.D

Acq: 09 Jul 2020 16:50

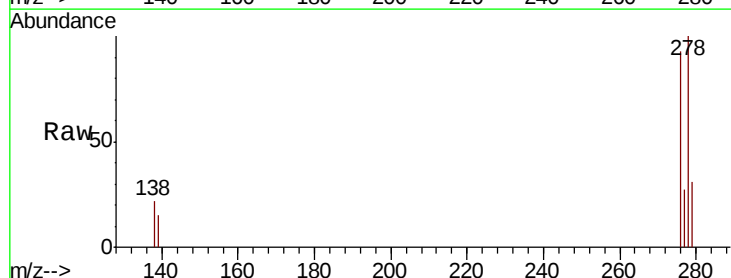
Tgt Ion:278 Resp: 6771

Ion Ratio Lower Upper

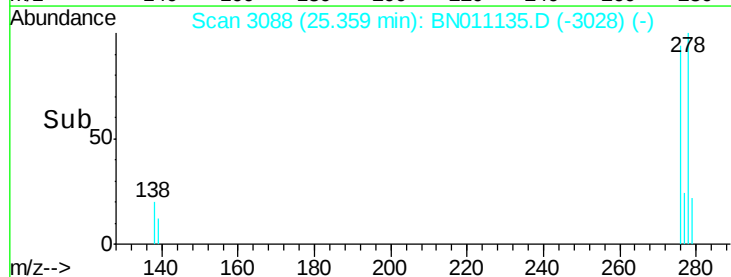
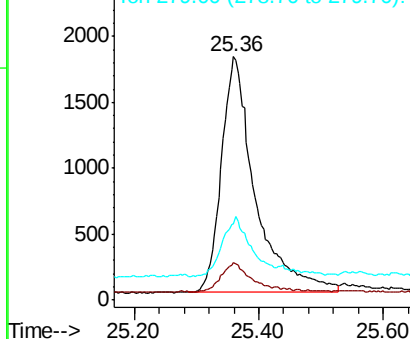
278 100

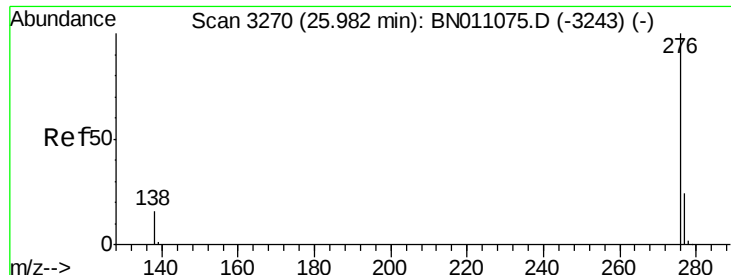
139 15.3 11.9 17.9

279 31.1 25.5 38.3



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: 0.343 ng

RT: 25.97 min Scan# 3265

Delta R.T. 0.00 min

Lab File: BN011135.D

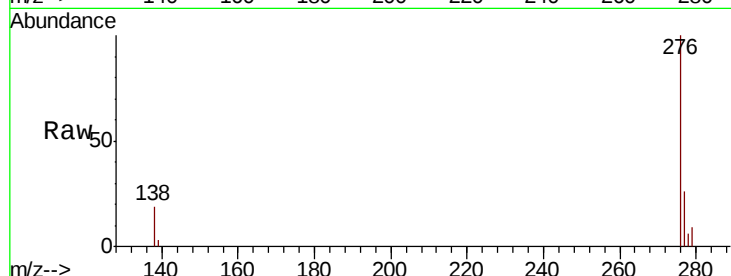
Acq: 09 Jul 2020 16:50

Instrument :

BNA_N

ClientSampleId :

PB130052BSD



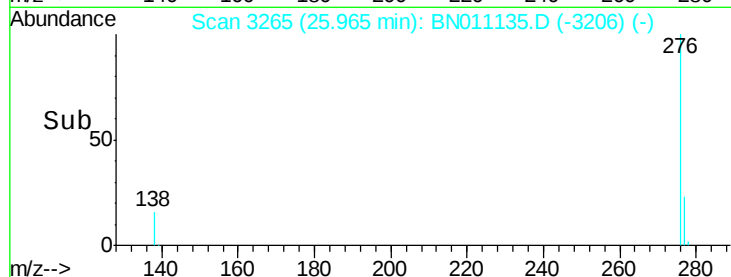
Tot Ion: 276 Resp: 7545

Ion Ratio Lower Upper

276 100

277 26.3 21.1 31.7

138 19.0 15.0 22.6



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

