

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010234.D
 Acq On : 17 Mar 2020 11:45
 Operator : CG/JU
 Sample : L1903-13MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20200309MSD

Quant Time: Mar 17 13:10:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3162	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	10986	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6607	0.40	ng	-0.02
19) Phenanthrene-d10	17.09	188	2221	0.40	ng	0.09
27) Chrysene-d12	21.19	240	17181	0.40	ng	0.00
34) Perylene-d12	23.37	264	19732	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	1189	0.16	ng	-0.02
5) Phenol-d6	6.80	99	922	0.10	ng	-0.02
8) Nitrobenzene-d5	8.76	82	4349	0.66	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	5947	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	803	0.34	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	20716	0.88	ng	0.00
25) Fluoranthene-d10	19.03	212	16125	2.35	ng	0.00
29) Terphenyl-d14	19.64	244	22657	0.58	ng	0.00

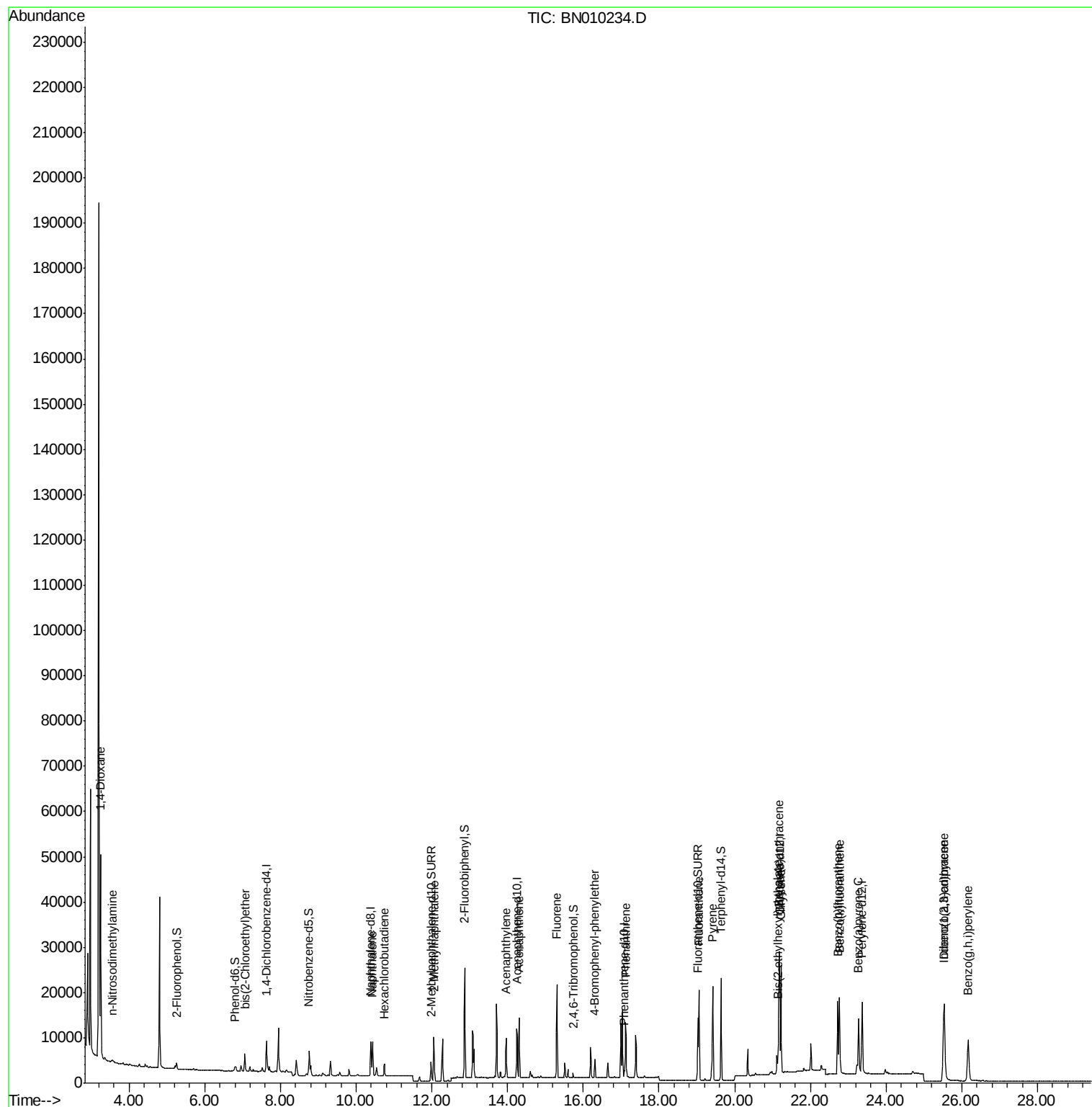
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	25977	8.421	ng	# 53
3) n-Nitrosodimethylamine	3.55	42	583	0.213	ng	# 65
6) bis(2-Chloroethyl)ether	7.06	93	2767	0.357	ng	96
9) Naphthalene	10.43	128	9747	0.354	ng	97
10) Hexachlorobutadiene	10.75	225	2278	0.359	ng	# 96
12) 2-Methylnaphthalene	12.05	142	6776	0.343	ng	96
16) Acenaphthylene	13.96	152	9703	0.318	ng	99
17) Acenaphthene	14.31	154	6421	0.347	ng	99
18) Fluorene	15.30	166	8565	0.340	ng	100
20) 4-Bromophenyl-phenylether	16.30	248	92	0.072	ng	# 8
23) Phenanthrene	17.12	178	13508	2.293	ng	99
26) Fluoranthene	19.06	202	18988	2.544	ng	99
28) Pyrene	19.42	202	19456	0.339	ng	99
30) Benzo(a)anthracene	21.18	228	18866	0.323	ng	100
31) Chrysene	21.23	228	20918	0.364	ng	97
32) Bis(2-ethylhexyl)phthalate	21.14	149	5339	0.215	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.52	276	22329	0.327	ng	99
35) Benzo(b)fluoranthene	22.72	252	20612	0.340	ng	99
36) Benzo(k)fluoranthene	22.77	252	21278	0.347	ng	99
37) Benzo(a)pyrene	23.27	252	17732	0.310	ng	99
38) Dibenzo(a,h)anthracene	25.54	278	18937	0.330	ng	98
39) Benzo(g,h,i)perylene	26.17	276	19446	0.339	ng	98

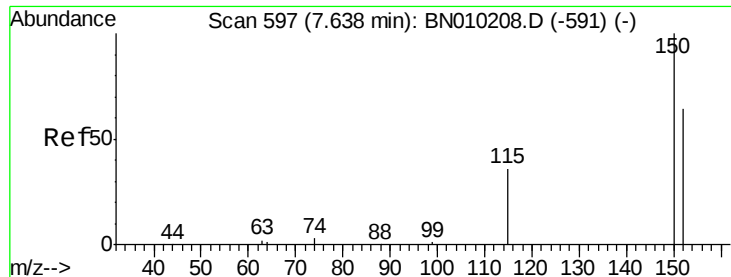
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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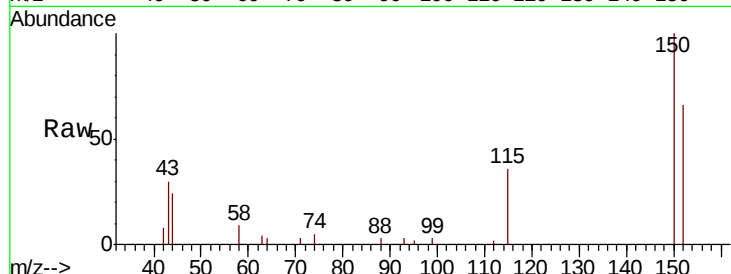


#1

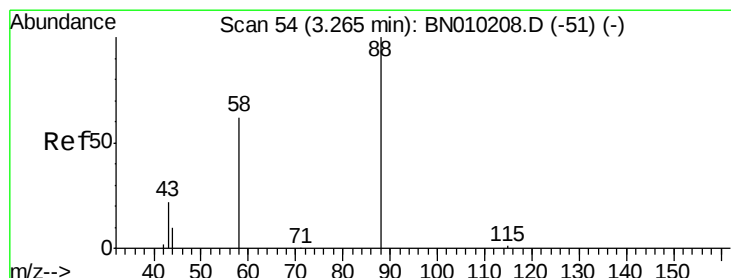
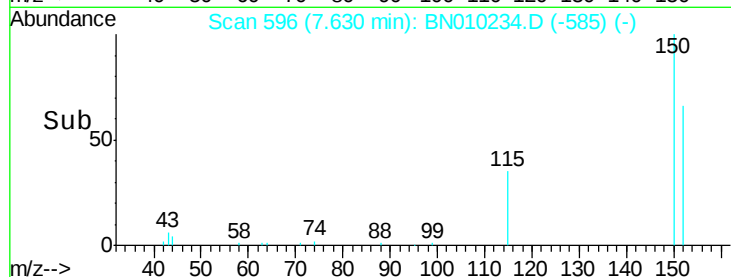
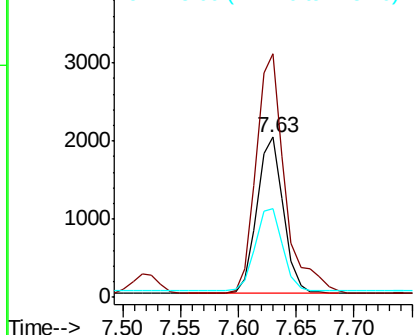
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

Instrument :
BNA_N
ClientSampleId :
RE131D1-20200309MSD

Tot Ion:152 Resp: 3162
Ion Ratio Lower Upper
152 100
150 151.8 119.5 179.3
115 55.1 50.9 76.3



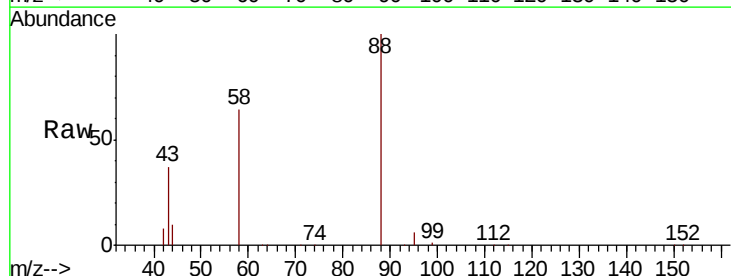
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



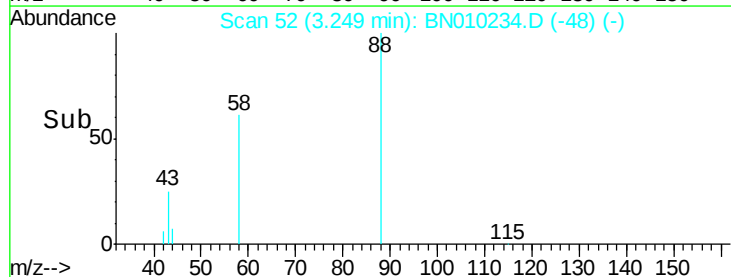
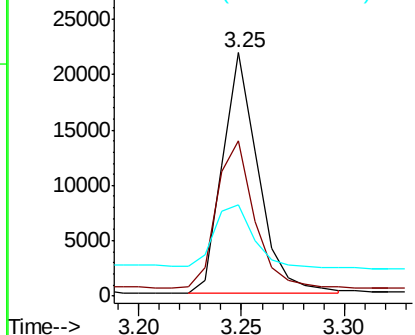
#2

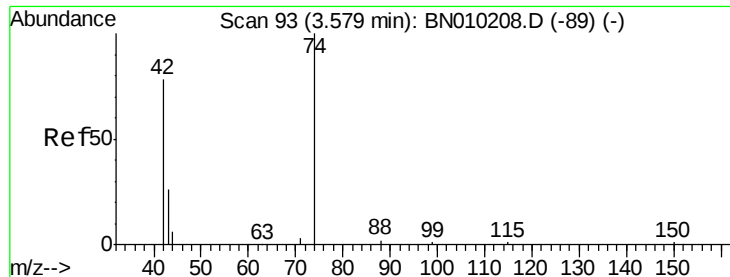
1,4-Dioxane
Concen: 8.421 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.02 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

Tgt Ion: 88 Resp: 25977
Ion Ratio Lower Upper
88 100
58 64.0 97.8 146.8#
43 28.9 45.1 67.7#



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: 0.213 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309MSD

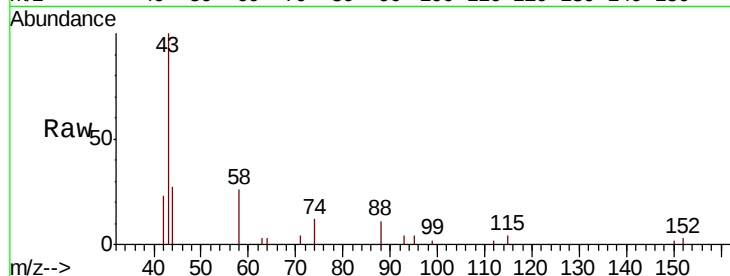
Tot Ion: 42 Resp: 583

Ion Ratio Lower Upper

42 100

74 92.1 51.2 76.8#

44 0.0 2.6 4.0#

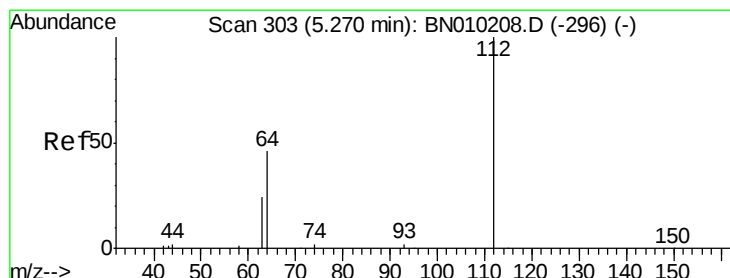
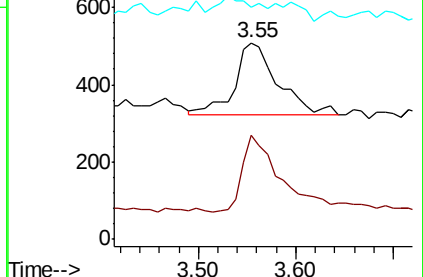
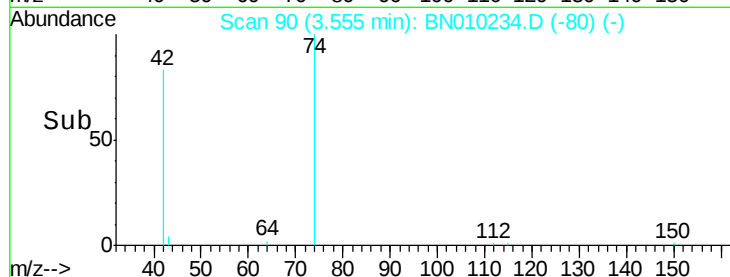


Abundance Ion 42.00 (41.70 to 42.70): BN010208.D (-89) (-)

Ion 74.00 (73.70 to 74.70): BN010208.D (-89) (-)

Ion 44.00 (43.70 to 44.70): BN010208.D (-89) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.160 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.02 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

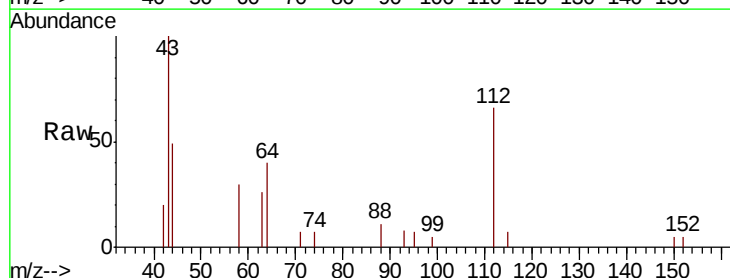
Tgt Ion: 112 Resp: 1189

Ion Ratio Lower Upper

112 100

64 55.3 42.6 63.8

63 29.4 23.6 35.4

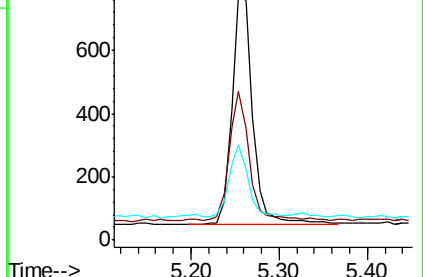
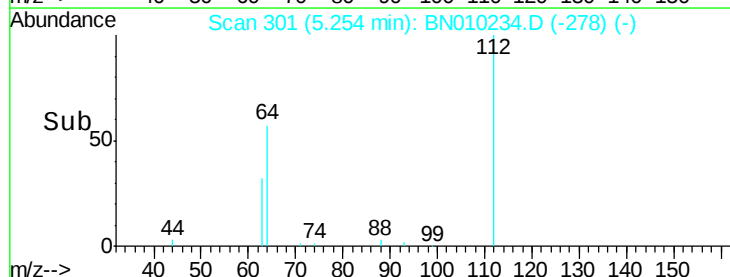


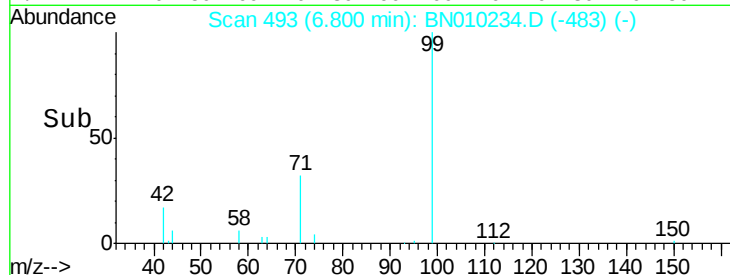
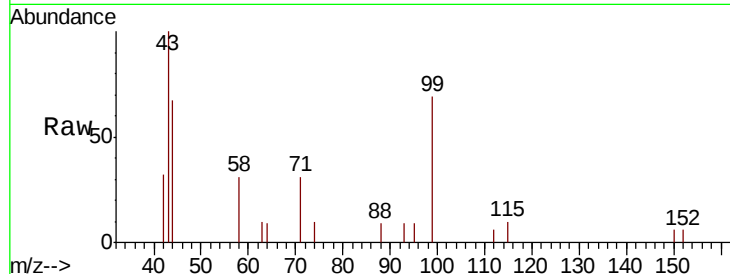
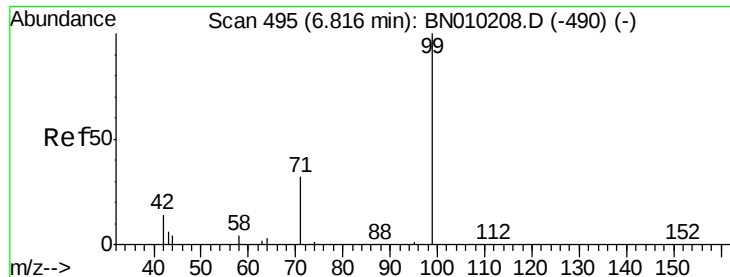
Abundance Ion 112.00 (111.70 to 112.70): BN010208.D (-296) (-)

Ion 64.00 (63.70 to 64.70): BN010208.D (-296) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-296) (-)

Time-->

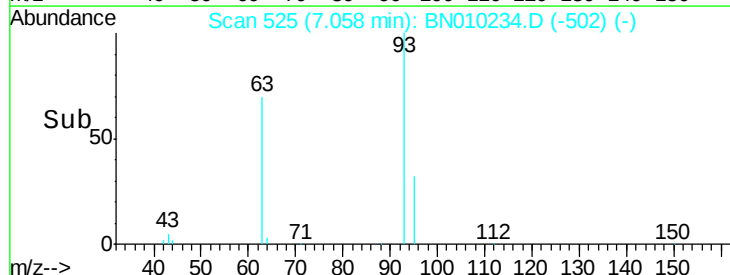
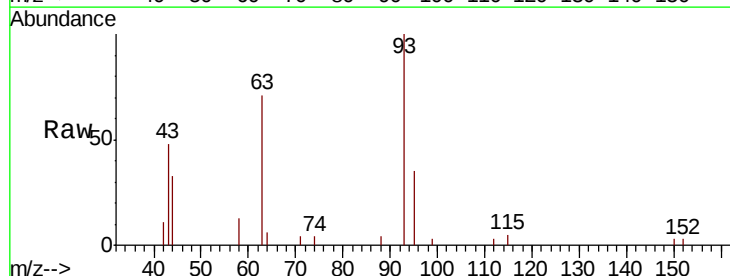
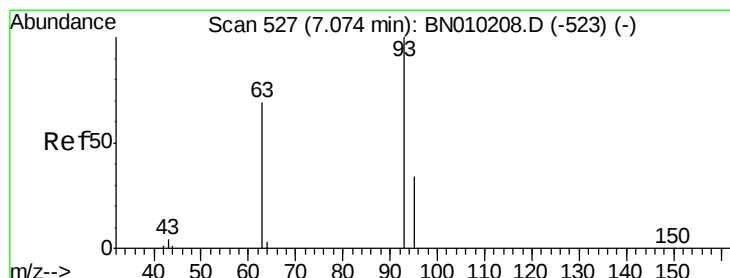
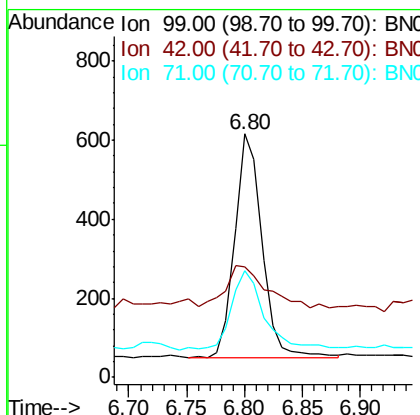




#5
Phenol-d6
Concen: 0.099 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.02 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

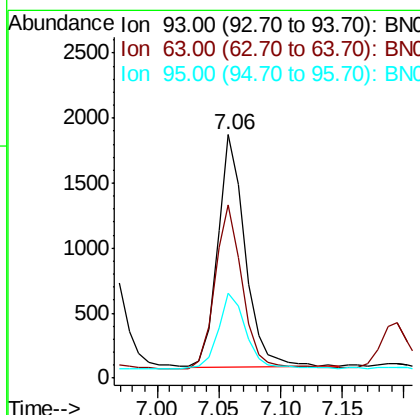
Instrument :
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RE131D1-20200309MSD

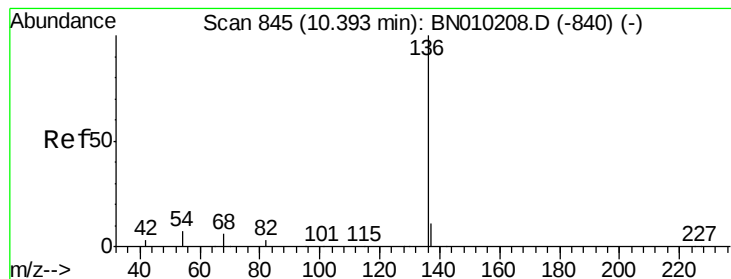
Tot Ion: 99 Resp: 922
Ion Ratio Lower Upper
99 100
42 26.1 12.0 18.0#
71 43.5 22.6 33.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.357 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.02 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

Tgt Ion: 93 Resp: 2767
Ion Ratio Lower Upper
93 100
63 69.5 53.4 80.0
95 33.1 28.6 42.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309MSD

Tot Ion:136 Resp: 10986

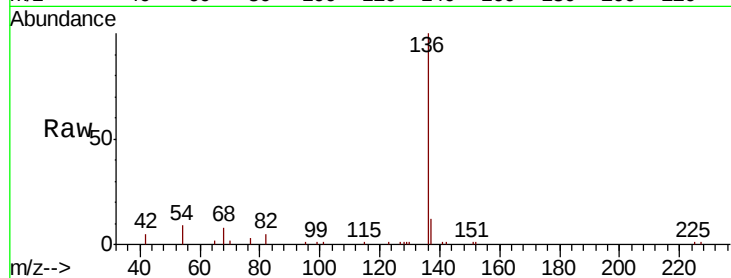
Ion Ratio Lower Upper

136 100

137 11.7 10.6 15.8

54 9.4 9.5 14.3#

68 7.9 9.7 14.5#

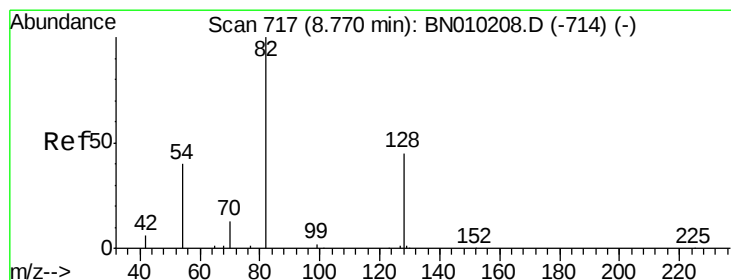
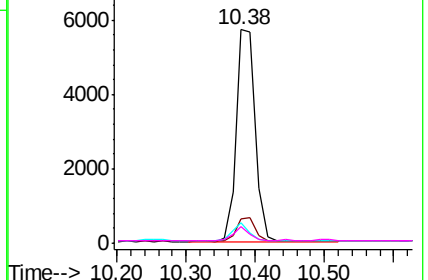
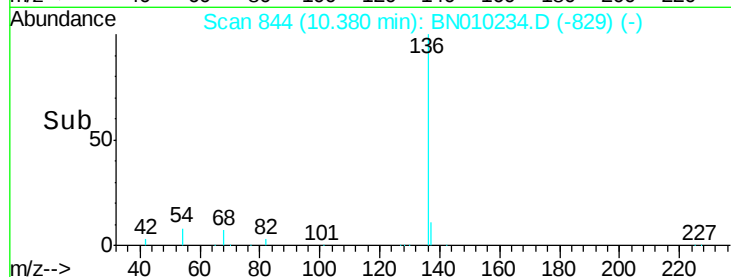


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.660 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

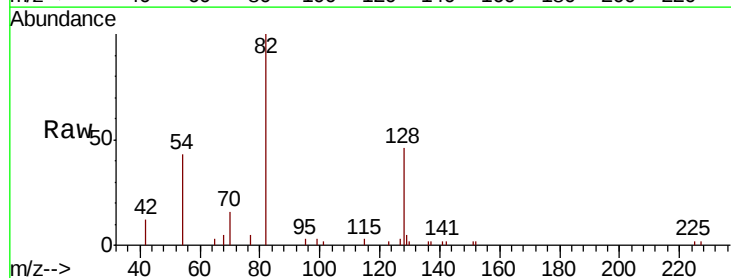
Tgt Ion: 82 Resp: 4349

Ion Ratio Lower Upper

82 100

128 45.9 35.0 52.6

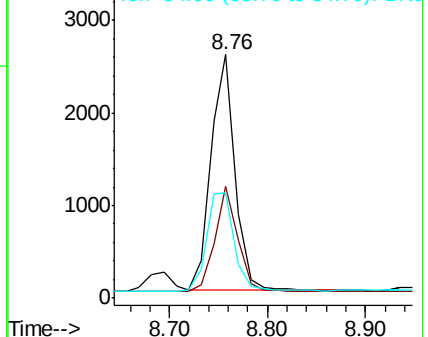
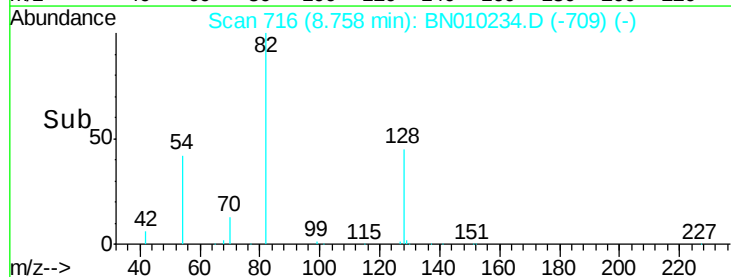
54 43.3 37.0 55.4

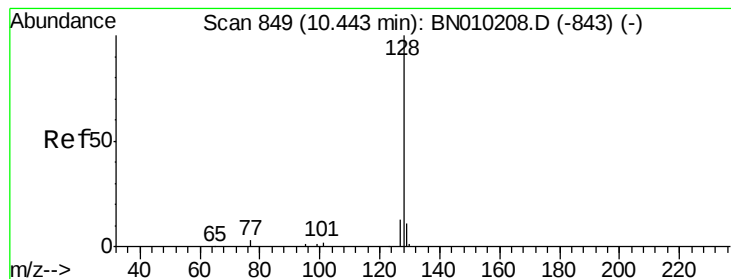


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.354 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

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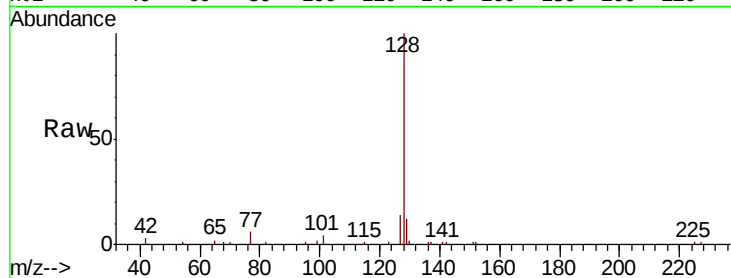
Tot Ion:128 Resp: 9747

Ion Ratio Lower Upper

128 100

129 12.0 10.5 15.7

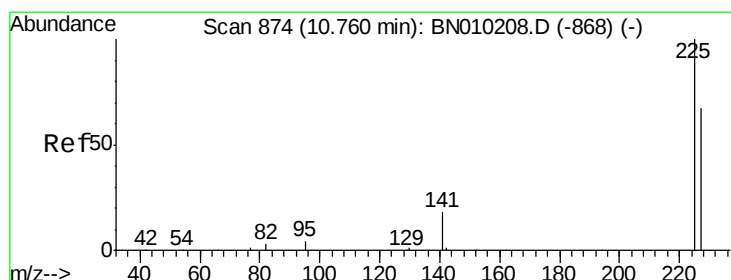
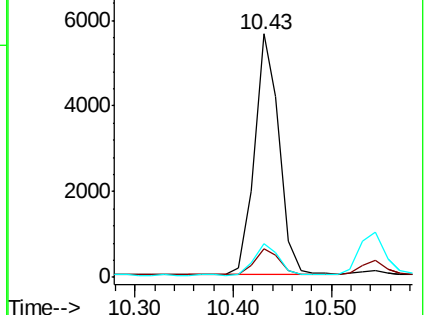
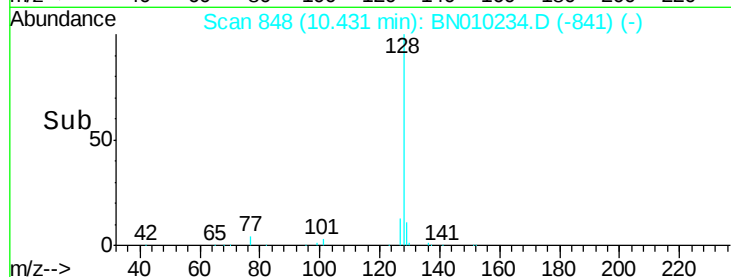
127 14.1 12.1 18.1



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: 0.359 ng

RT: 10.75 min Scan# 873

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

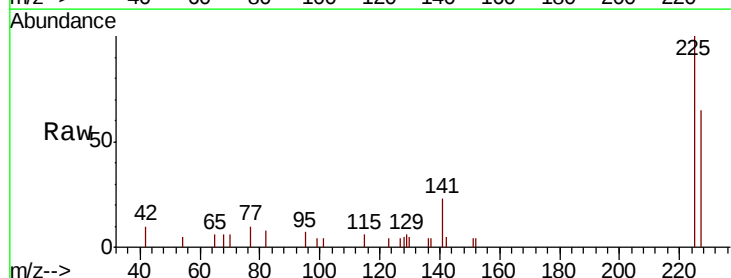
Tgt Ion:225 Resp: 2278

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

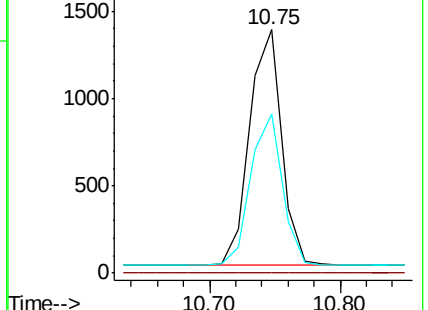
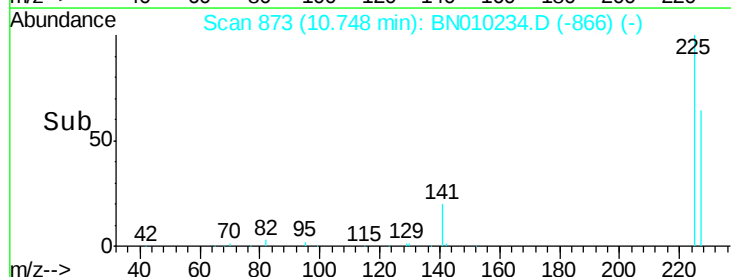
227 63.8 53.4 80.2

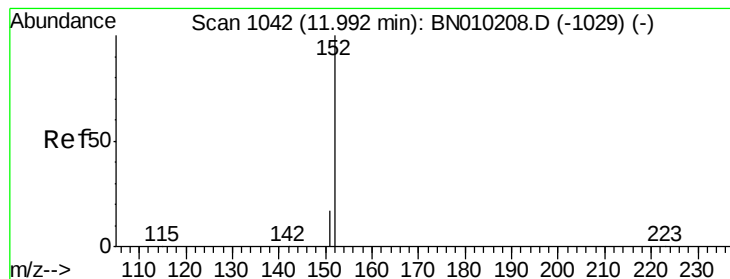


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 11.98 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

Instrument :

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ClientSampleId :

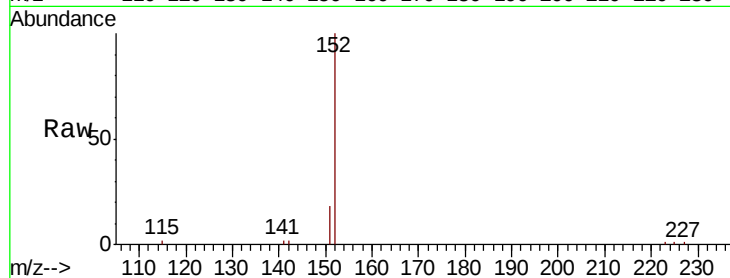
RE131D1-20200309MSD

Tot Ion:152 Resp: 5947

Ion Ratio Lower Upper

152 100

151 19.6 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

4000

3000

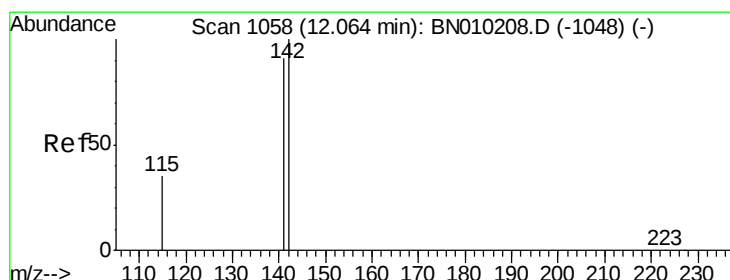
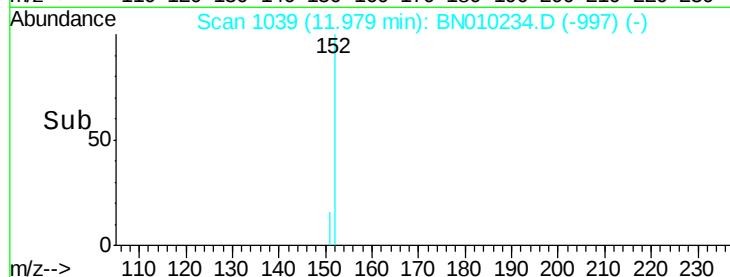
2000

1000

0

11.90 12.00 12.10

Time-->



#12

2-Methylnaphthalene

Concen: 0.343 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

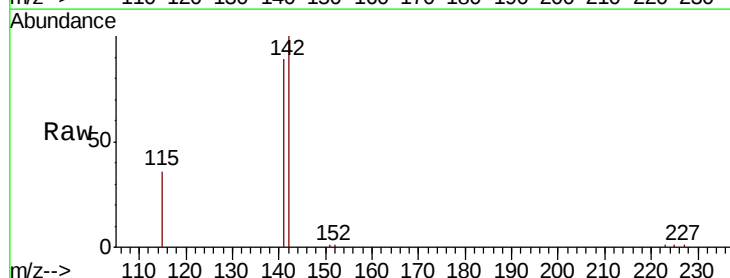
Tgt Ion:142 Resp: 6776

Ion Ratio Lower Upper

142 100

141 88.6 73.7 110.5

115 35.8 31.2 46.8



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

6000

5000

4000

3000

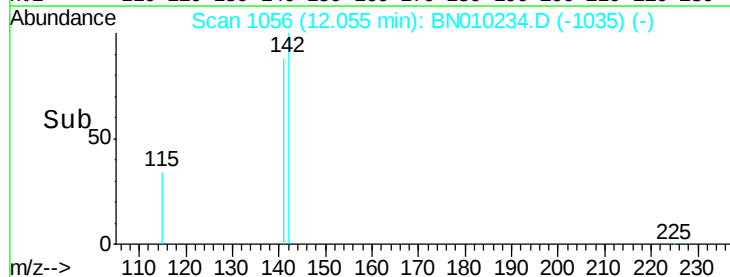
2000

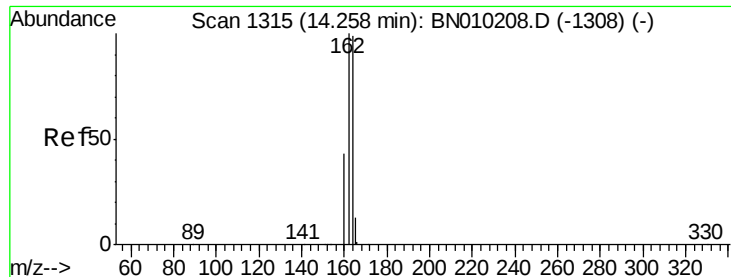
1000

0

12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

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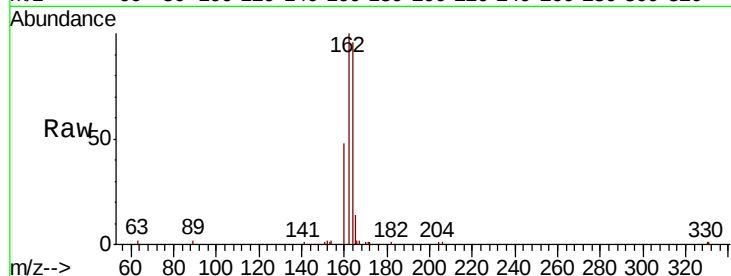
Tot Ion:164 Resp: 6607

Ion Ratio Lower Upper

164 100

162 103.8 81.0 121.4

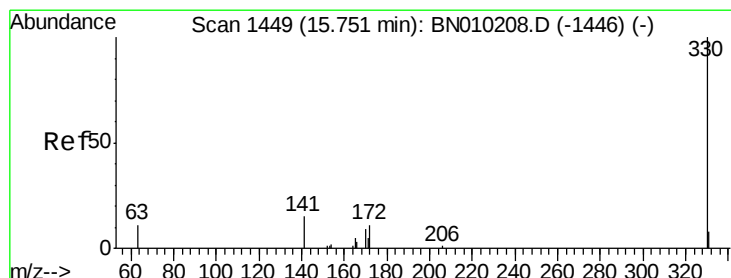
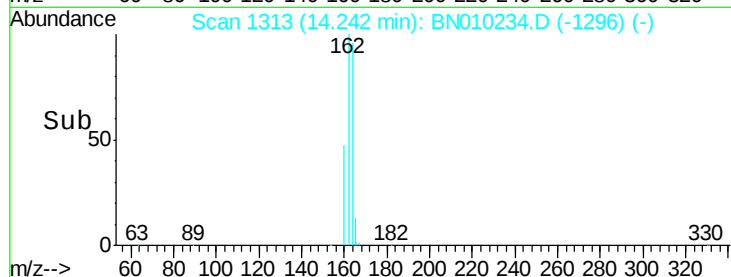
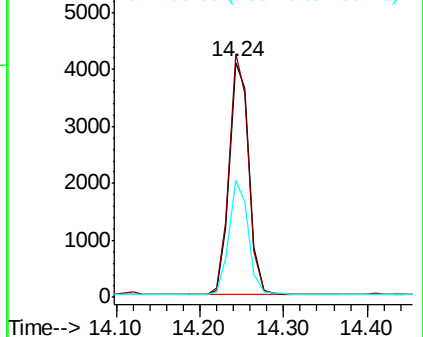
160 49.9 35.6 53.4



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: 0.340 ng

RT: 15.74 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

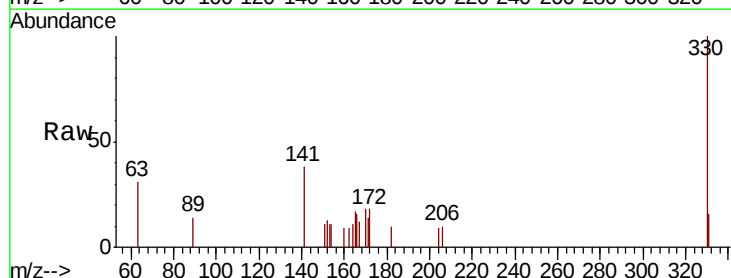
Tgt Ion:330 Resp: 803

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

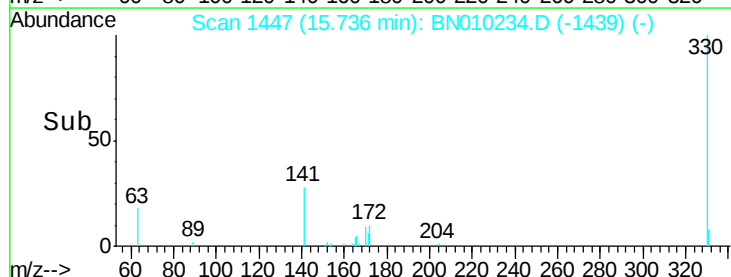
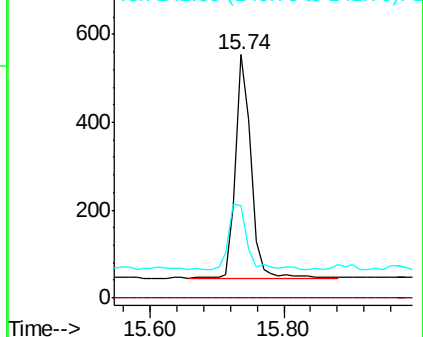
141 34.9 25.1 37.7

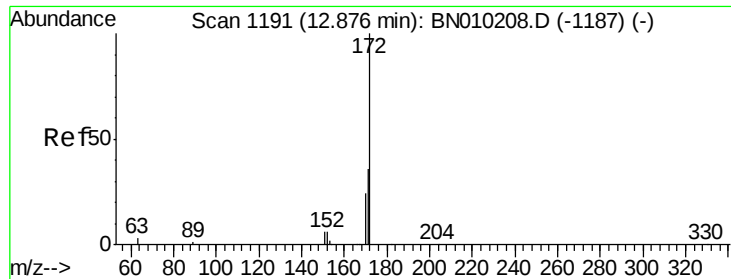


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

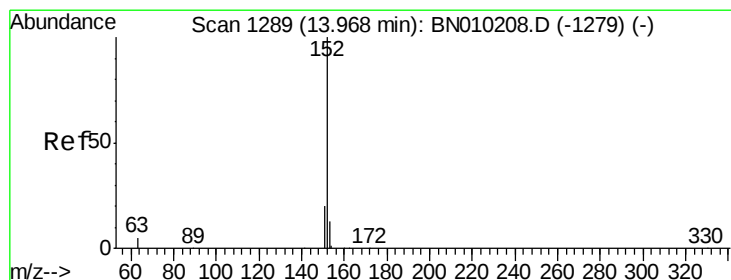
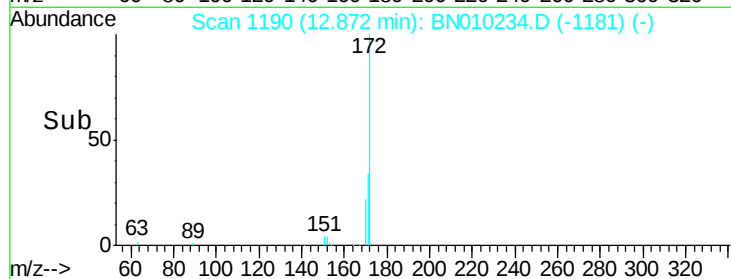
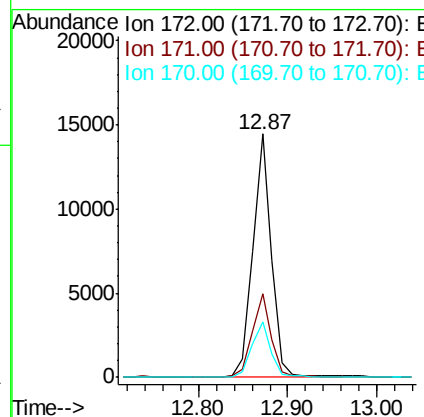
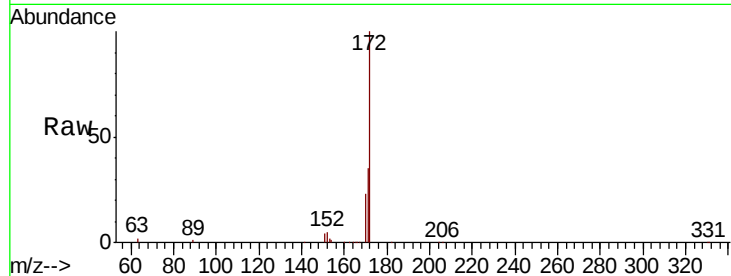




#15
2-Fluorobiphenyl
Concen: 0.881 ng
RT: 12.87 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

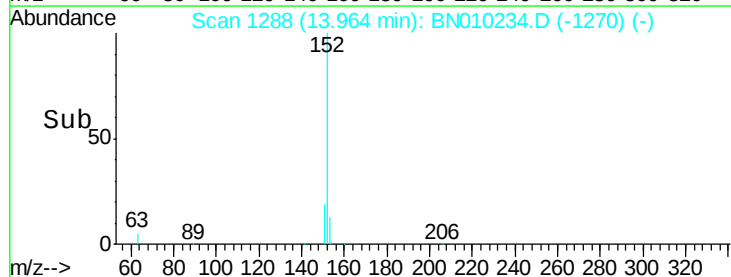
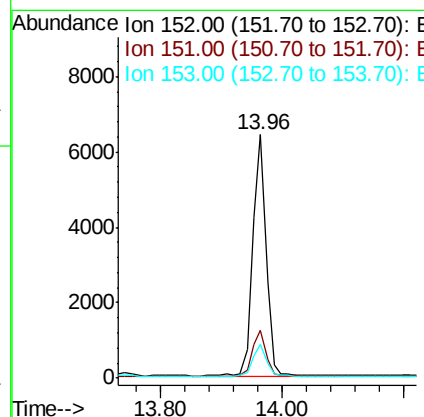
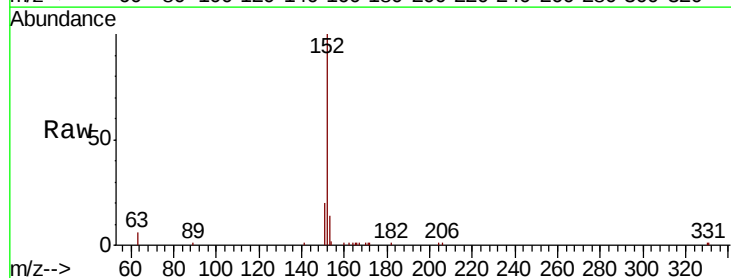
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200309MSD

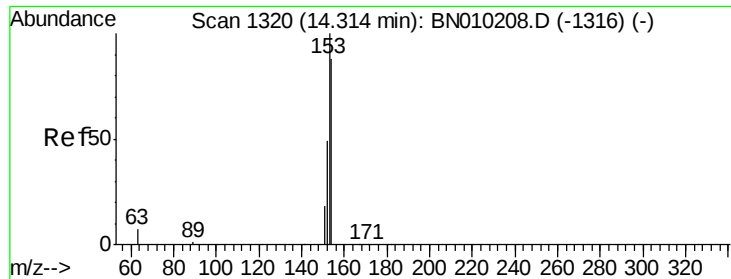
Tot Ion:172 Resp: 20716
Ion Ratio Lower Upper
172 100
171 34.5 29.4 44.2
170 22.7 20.2 30.4



#16
Acenaphthylene
Concen: 0.318 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

Tgt Ion:152 Resp: 9703
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.347 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309MSD

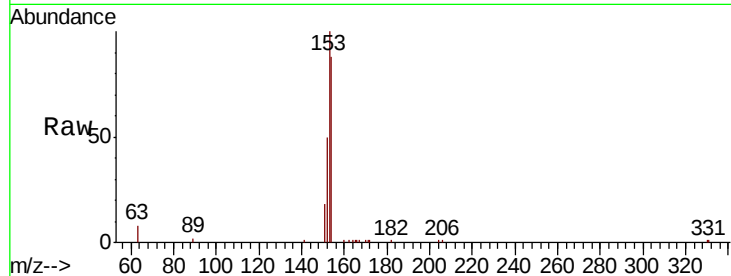
Tot Ion:154 Resp: 6421

Ion Ratio Lower Upper

154 100

153 112.7 90.3 135.5

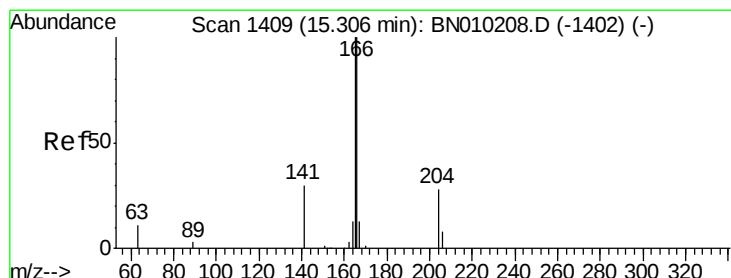
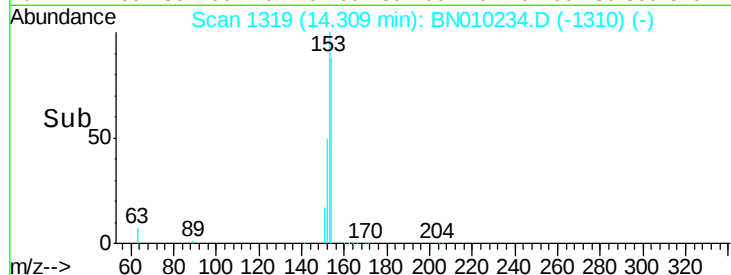
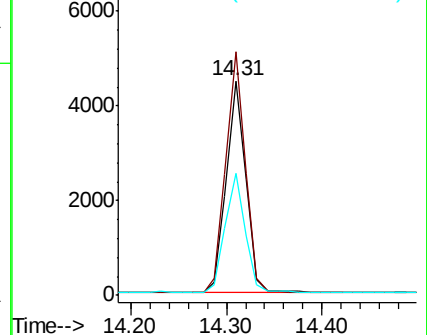
152 56.3 42.9 64.3



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: 0.340 ng

RT: 15.30 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

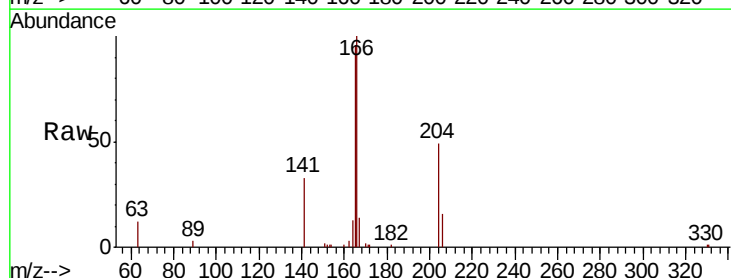
Tgt Ion:166 Resp: 8565

Ion Ratio Lower Upper

166 100

165 97.6 78.3 117.5

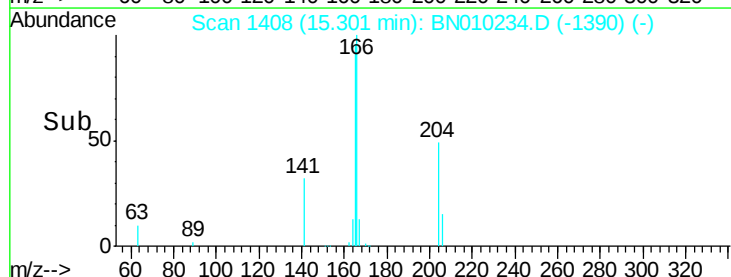
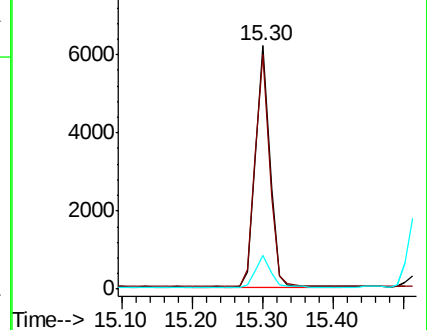
167 13.6 10.7 16.1

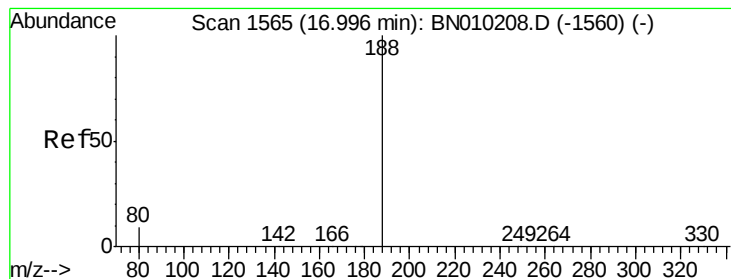


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1573

Delta R.T. 0.09 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309MSD

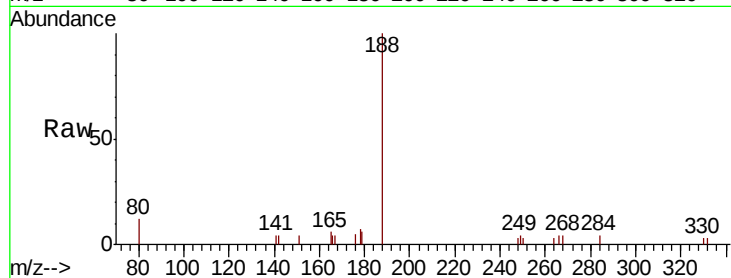
Tot Ion:188 Resp: 2221

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

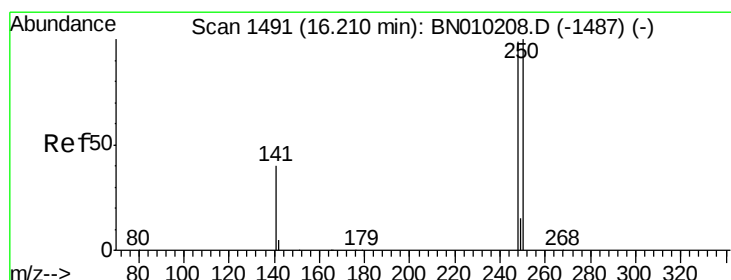
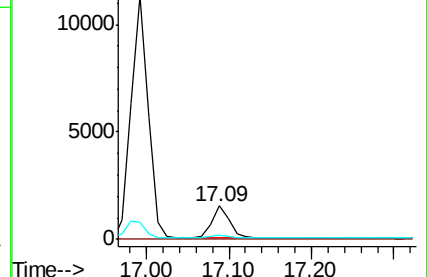
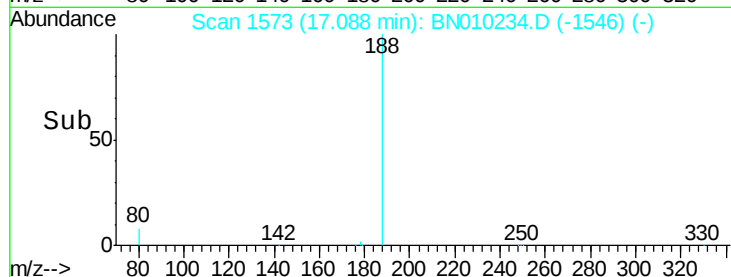
80 12.2 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.072 ng

RT: 16.30 min Scan# 1499

Delta R.T. 0.09 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

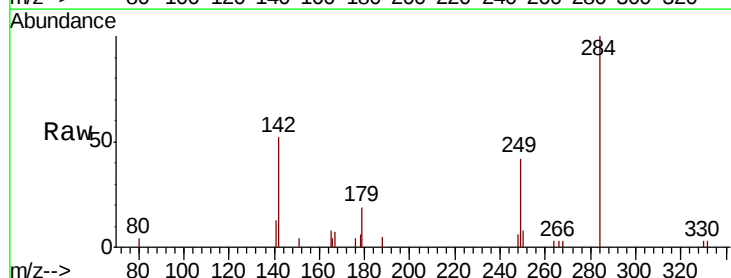
Tgt Ion:248 Resp: 92

Ion Ratio Lower Upper

248 100

250 125.5 81.2 121.8#

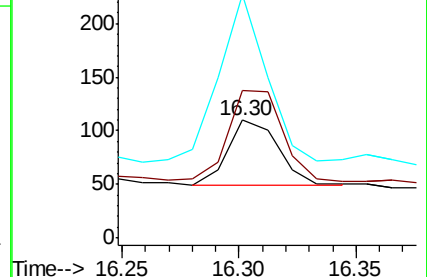
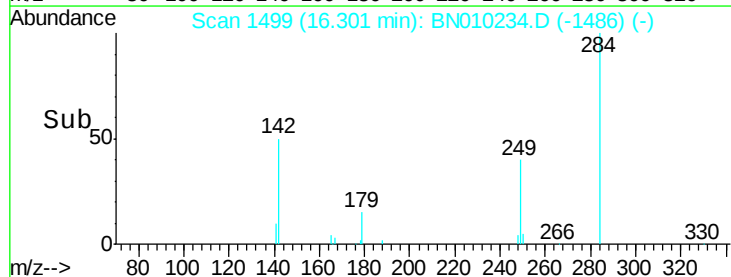
141 206.4 36.7 55.1#

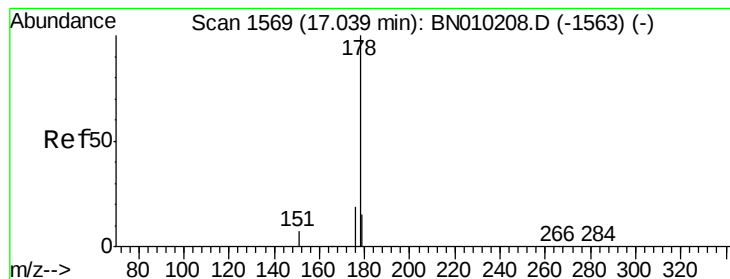


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#23

Phenanthrene

Concen: 2.293 ng

RT: 17.12 min Scan# 1576

Delta R.T. 0.08 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309MSD

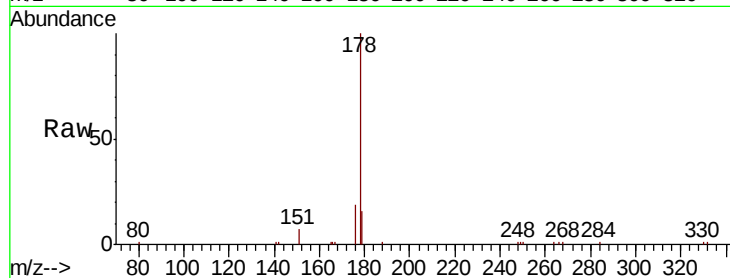
Tot Ion:178 Resp: 13508

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

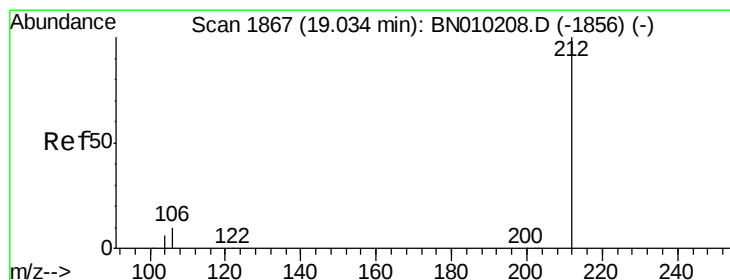
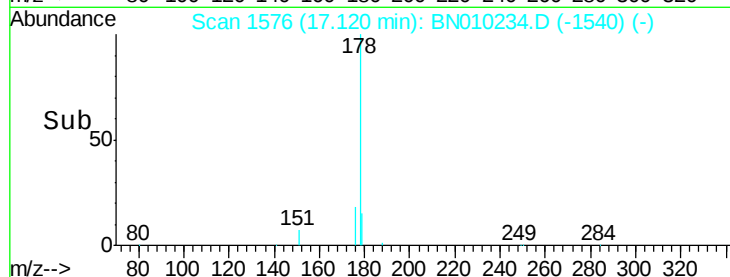
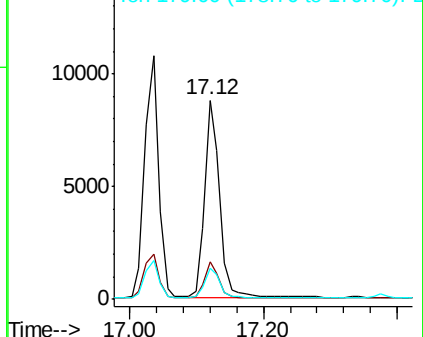
179 15.1 12.5 18.7



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



#25

Fluoranthene-d10

Concen: 2.352 ng

RT: 19.03 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

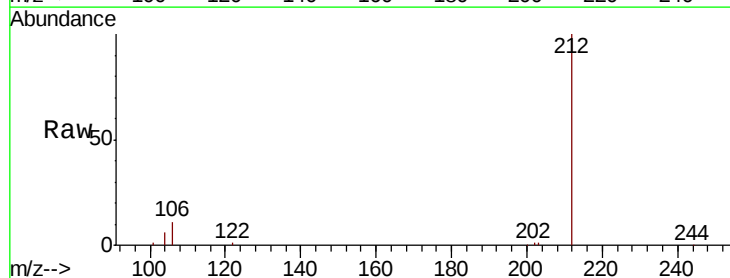
Tgt Ion:212 Resp: 16125

Ion Ratio Lower Upper

212 100

106 9.4 8.1 12.1

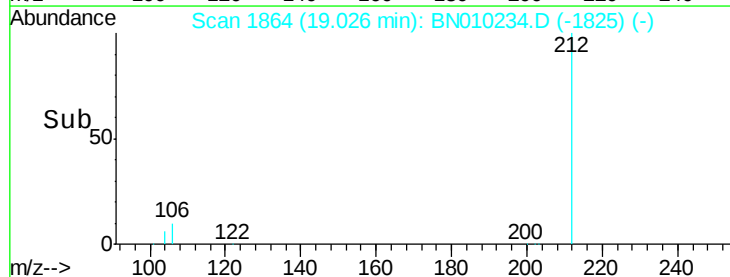
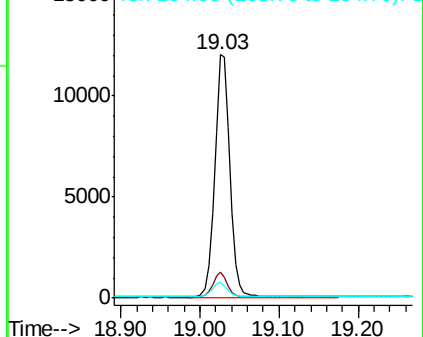
104 5.4 4.7 7.1

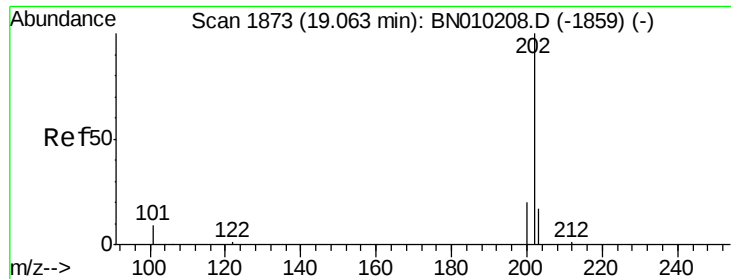


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

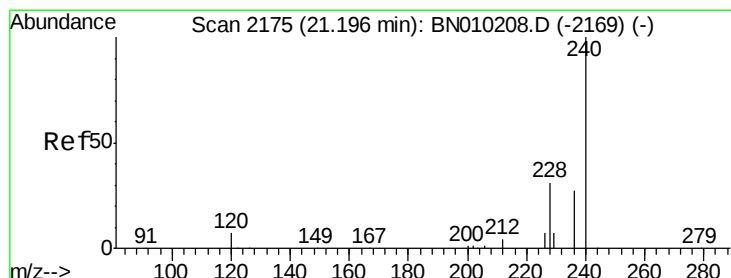
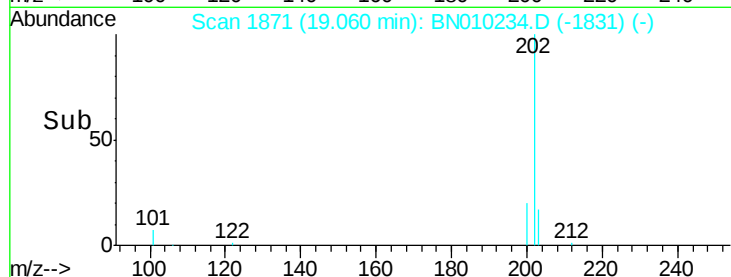
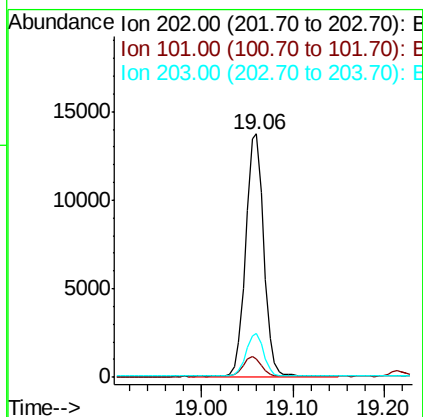
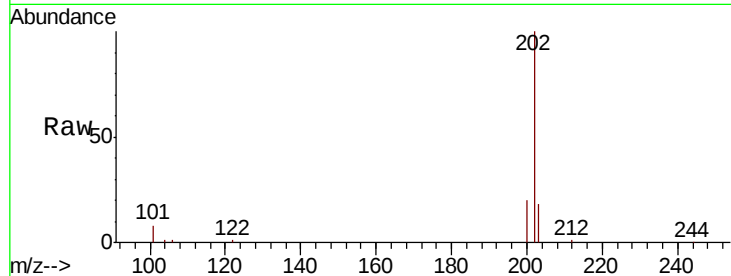




#26
Fluoranthene
Concen: 2.544 ng
RT: 19.06 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

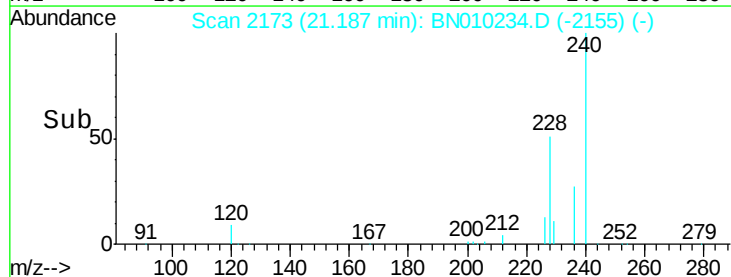
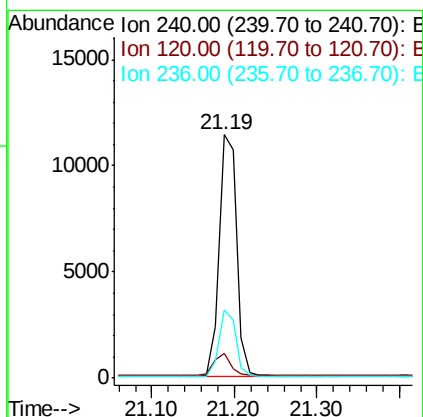
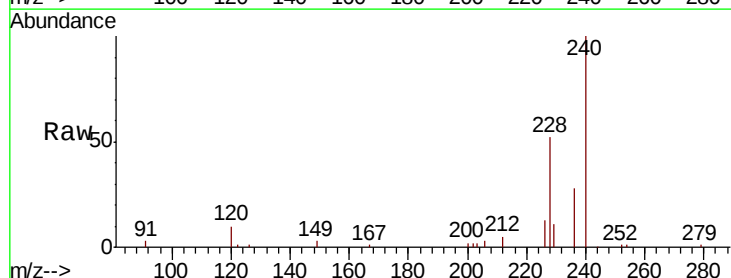
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200309MSD

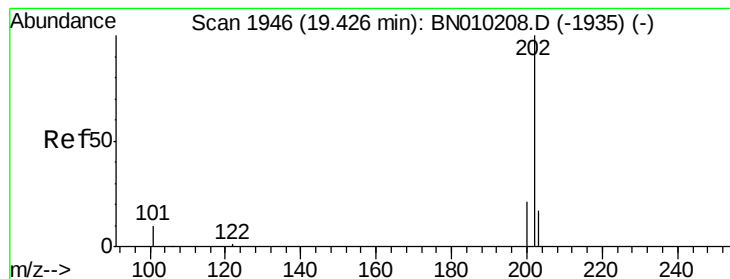
Tot Ion:202 Resp: 18988
Ion Ratio Lower Upper
202 100
101 8.2 7.0 10.6
203 17.0 13.9 20.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

Tgt Ion:240 Resp: 17181
Ion Ratio Lower Upper
240 100
120 10.4 7.7 11.5
236 27.8 21.8 32.6





#28

Pvrene

Concen: 0.339 ng

RT: 19.42 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309MSD

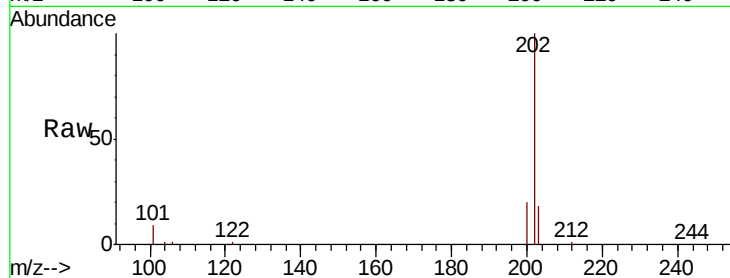
Tot Ion:202 Resp: 19456

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

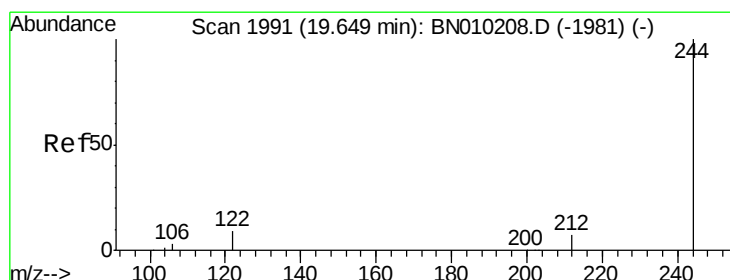
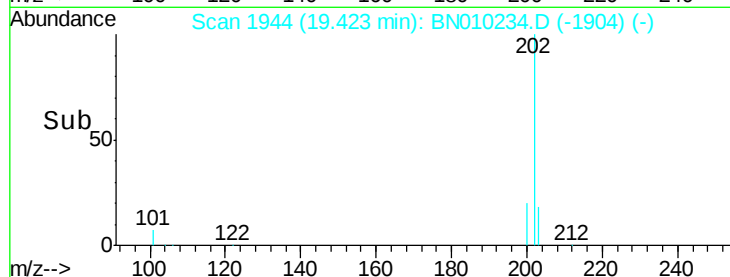
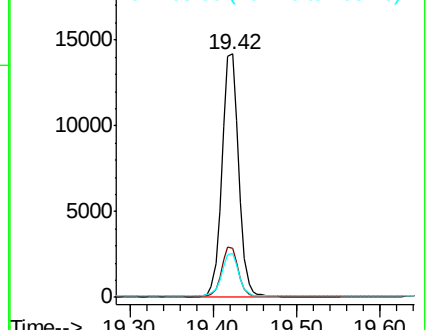
203 18.0 14.1 21.1



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



#29

Terphenyl-d14

Concen: 0.578 ng

RT: 19.64 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

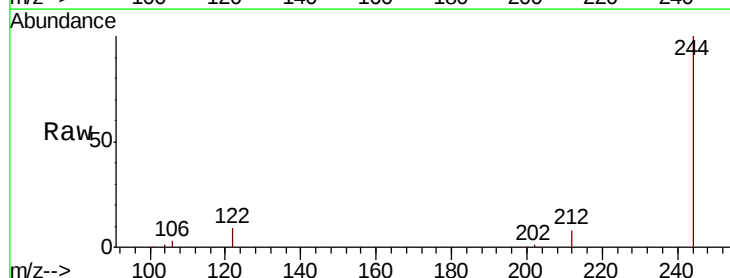
Tgt Ion:244 Resp: 22657

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

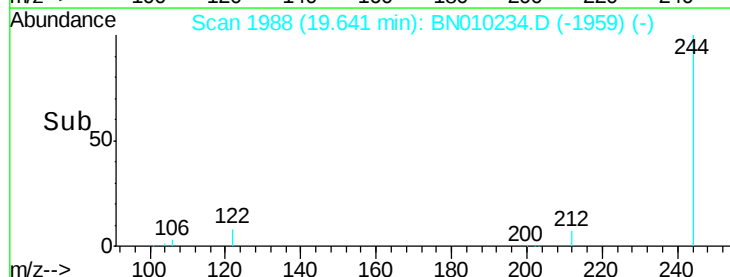
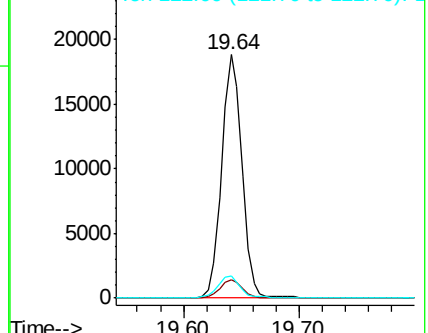
122 8.9 8.1 12.1

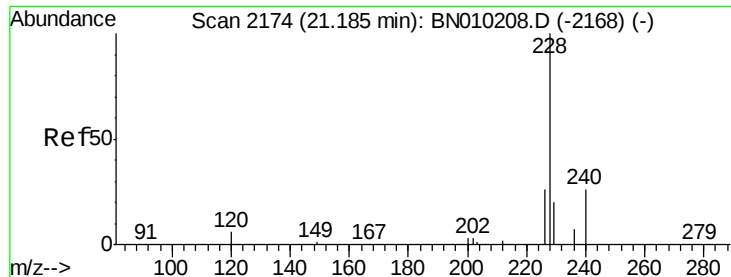


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.323 ng

RT: 21.18 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309MSD

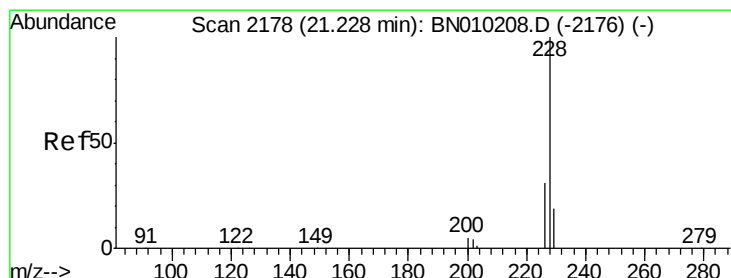
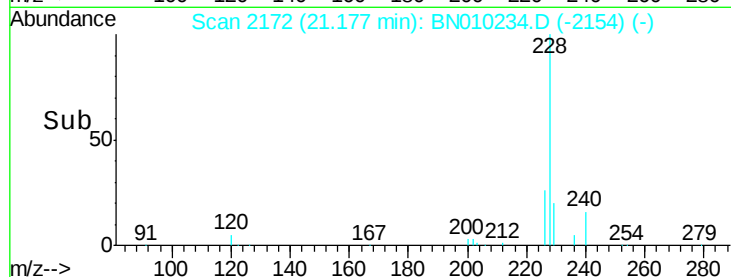
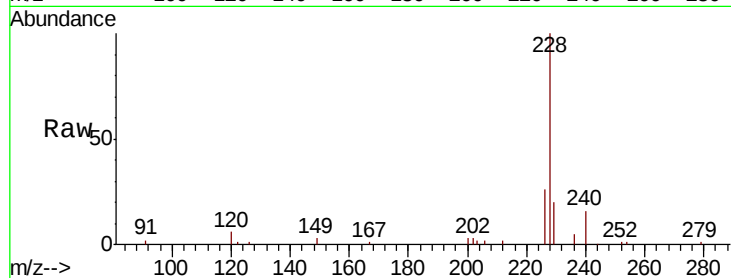
Tot Ion:228 Resp: 18866

Ion Ratio Lower Upper

228 100

226 26.3 21.1 31.7

229 20.0 16.2 24.4



#31

Chrysene

Concen: 0.364 ng

RT: 21.23 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

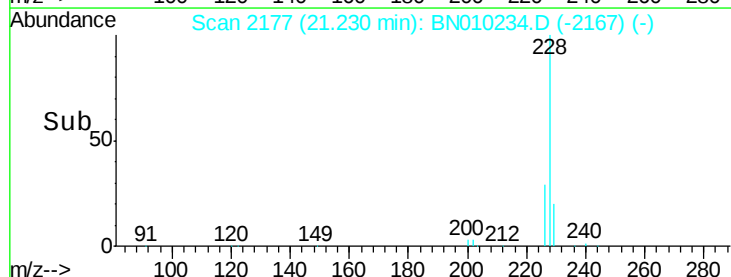
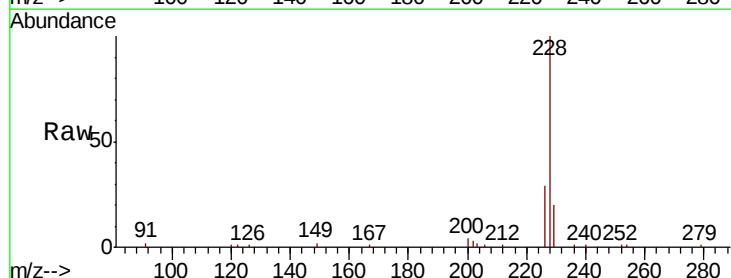
Tgt Ion:228 Resp: 20918

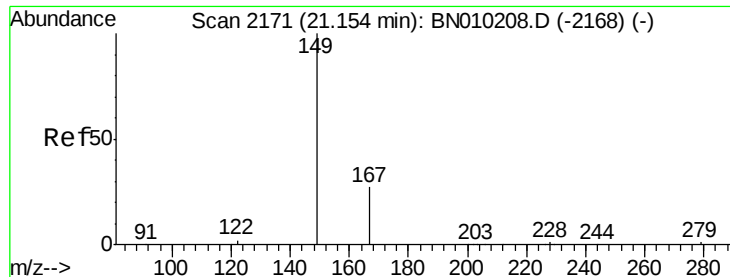
Ion Ratio Lower Upper

228 100

226 29.1 25.0 37.4

229 20.0 15.7 23.5





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.215 ng

RT: 21.14 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309MSD

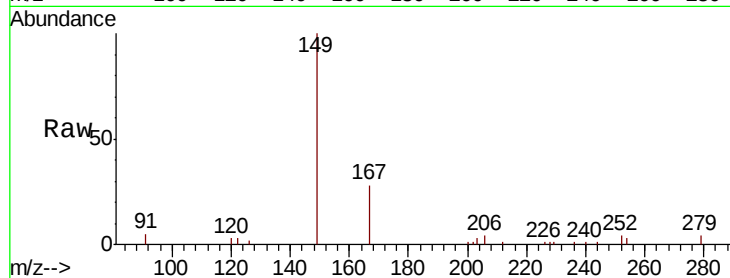
Tot Ion:149 Resp: 5339

Ion Ratio Lower Upper

149 100

167 28.6 21.0 31.4

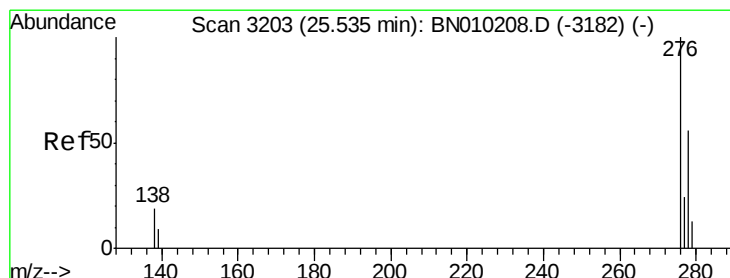
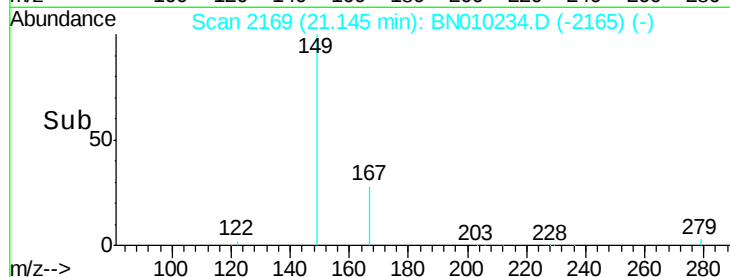
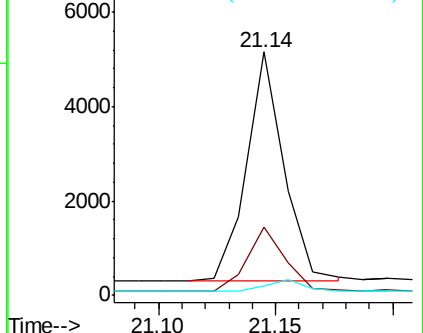
279 5.2 3.1 4.7#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.327 ng

RT: 25.52 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

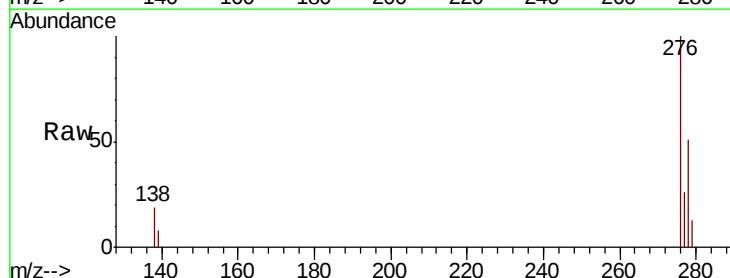
Tgt Ion:276 Resp: 22329

Ion Ratio Lower Upper

276 100

138 19.1 15.8 23.6

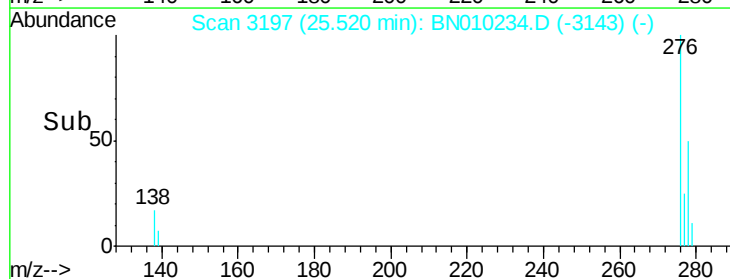
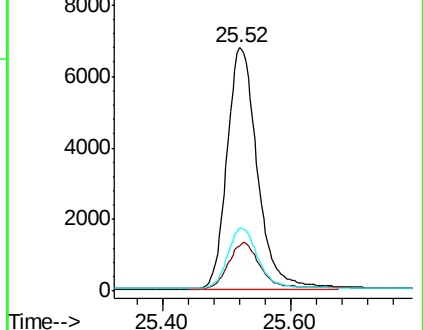
277 24.7 19.3 28.9

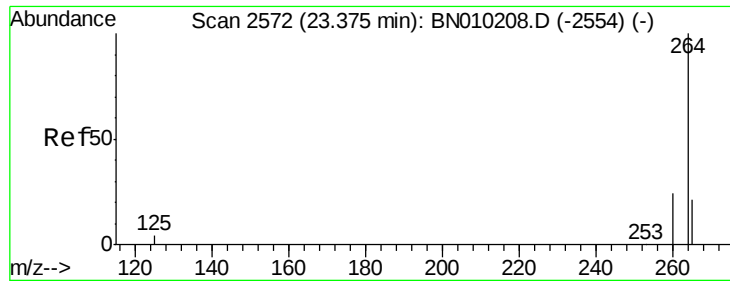


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

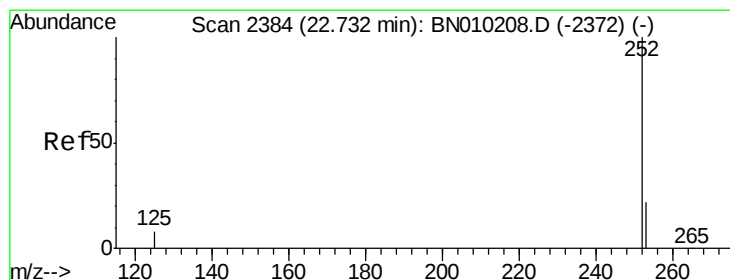
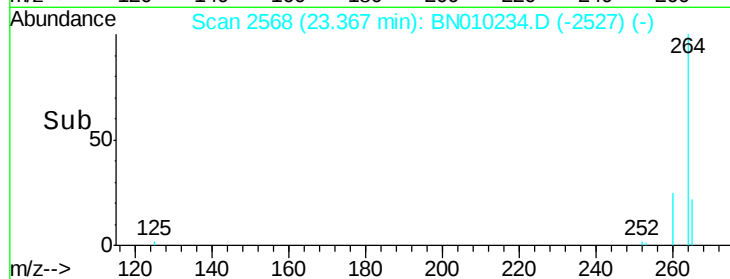
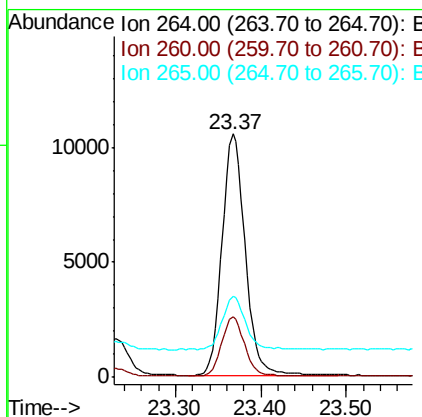
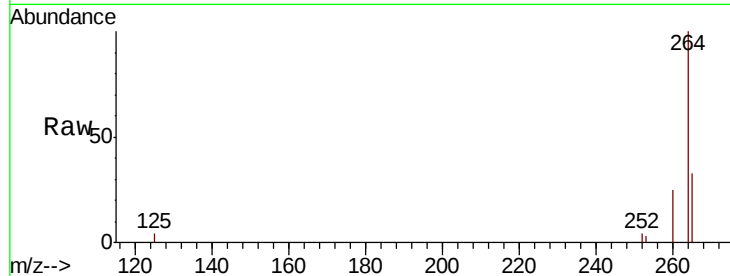




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

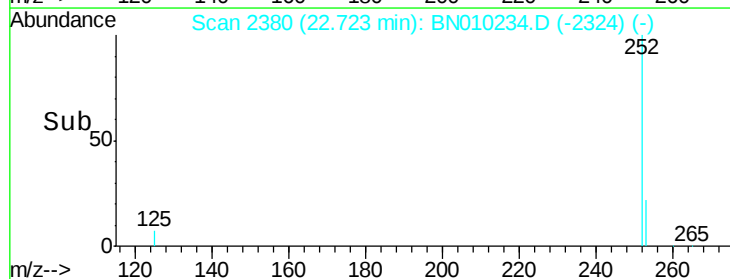
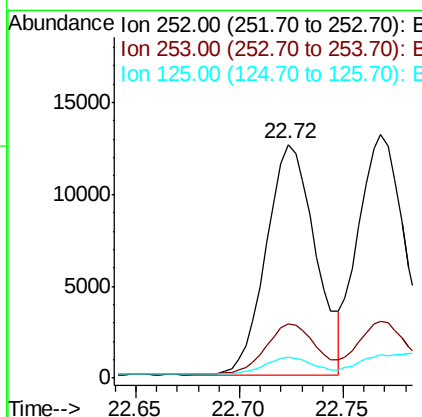
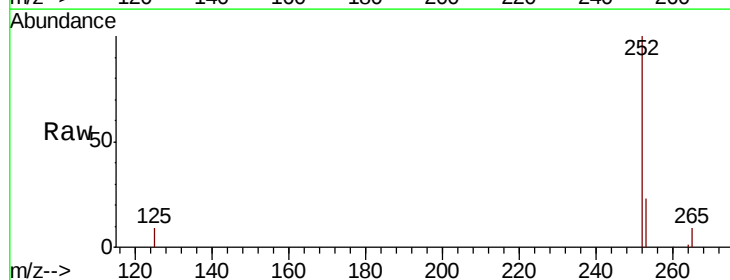
Instrument :
BNA_N
ClientSampleId :
RE131D1-20200309MSD

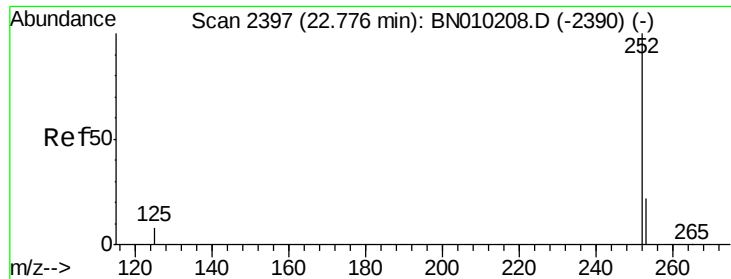
Tot Ion:264 Resp: 19732
Ion Ratio Lower Upper
264 100
260 24.9 19.7 29.5
265 33.4 25.8 38.6



#35
Benzo(b)fluoranthene
Concen: 0.340 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

Tgt Ion:252 Resp: 20612
Ion Ratio Lower Upper
252 100
253 23.4 18.6 28.0
125 8.9 7.9 11.9





#36

Benzo(k)fluoranthene

Concen: 0.347 ng

RT: 22.77 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

Instrument :

BNA_N

ClientSampleId :

RE131D1-20200309MSD

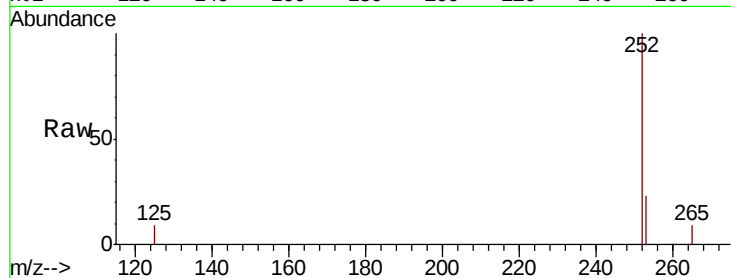
Tot Ion:252 Resp: 21278

Ion Ratio Lower Upper

252 100

253 23.2 18.8 28.2

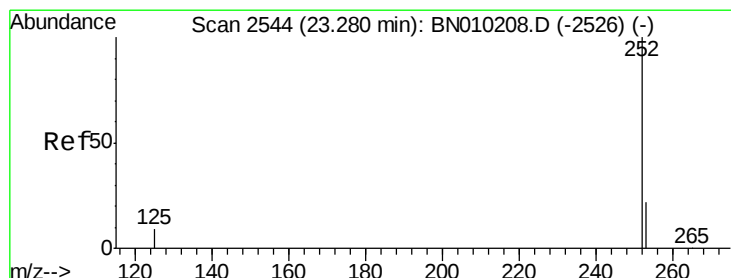
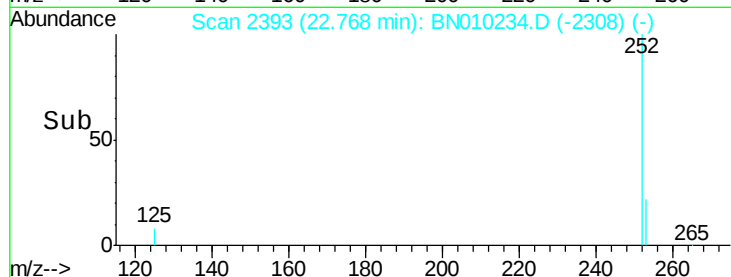
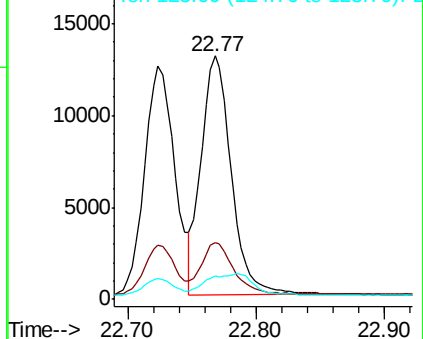
125 9.5 8.2 12.4



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



#37

Benzo(a)pyrene

Concen: 0.310 ng

RT: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN010234.D

Acq: 17 Mar 2020 11:45

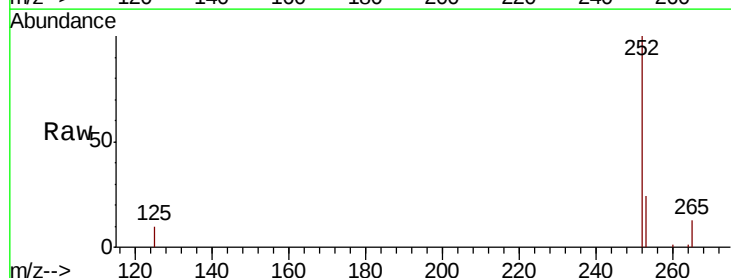
Tgt Ion:252 Resp: 17732

Ion Ratio Lower Upper

252 100

253 23.9 19.1 28.7

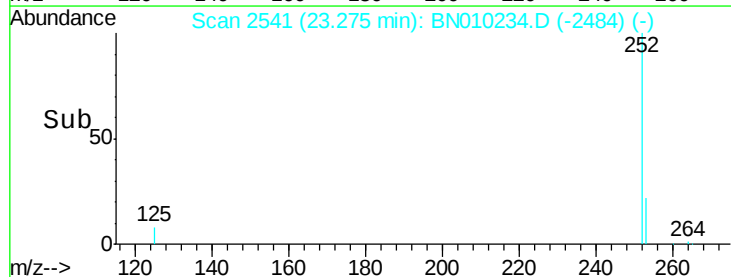
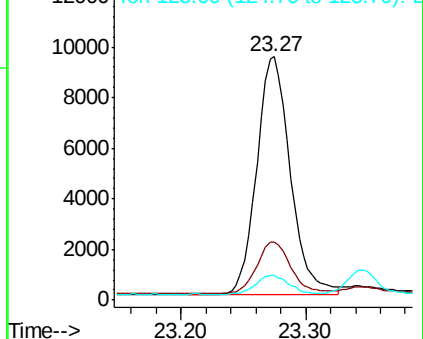
125 10.2 9.2 13.8

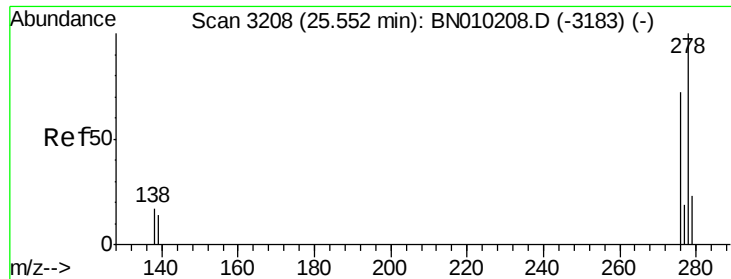


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

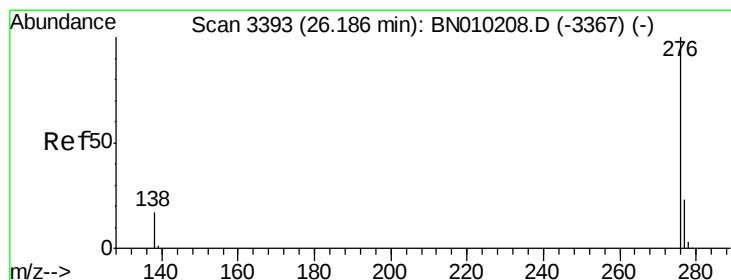
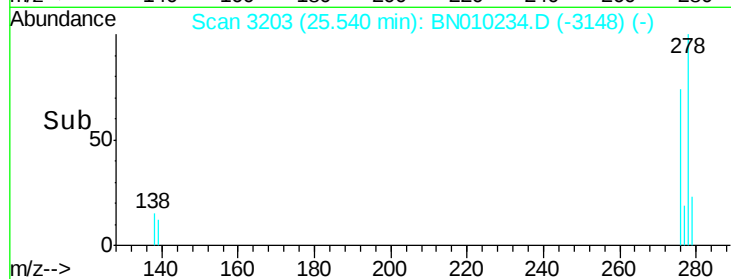
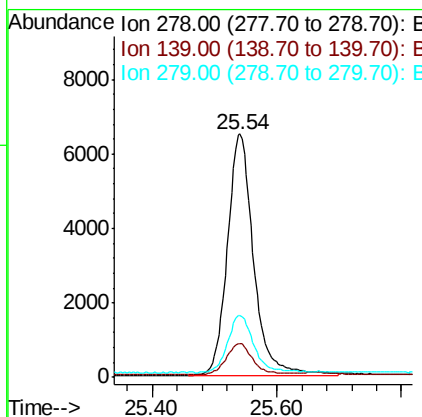
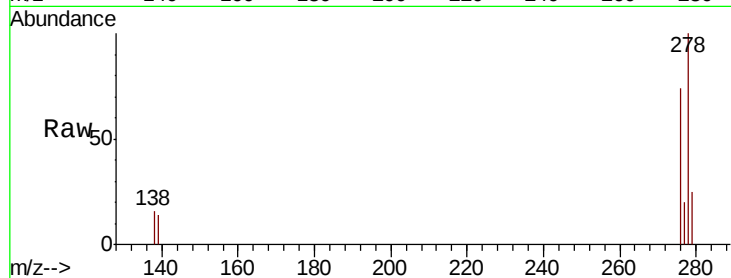




#38
Dibenzo(a,h)anthracene
Concen: 0.330 ng
RT: 25.54 min Scan# 3203
Delta R.T. -0.01 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

Instrument :
BNA_N
ClientSampleId :
RE131D1-20200309MSD

Tot Ion:278 Resp: 18937
Ion Ratio Lower Upper
278 100
139 13.6 12.4 18.6
279 25.3 20.2 30.2



#39
Benzo(g,h,i)perylene
Concen: 0.339 ng
RT: 26.17 min Scan# 3387
Delta R.T. -0.02 min
Lab File: BN010234.D
Acq: 17 Mar 2020 11:45

Tgt Ion:276 Resp: 19446
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.2
138 17.5 15.4 23.2

