

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010143.D
 Acq On : 09 Mar 2020 11:27
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 16:57:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	922	0.40	ng	-0.05
7) Naphthalene-d8	10.13	136	3355	0.40	ng	-0.05
13) Acenaphthene-d10	14.01	164	2300	0.40	ng	-0.05
19) Phenanthrene-d10	16.78	188	5117	0.40	ng	-0.04
27) Chrysene-d12	21.00	240	4618	0.40	ng	-0.04
34) Perylene-d12	23.09	264	4972	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	818	0.40	ng	-0.04
5) Phenol-d6	6.61	99	926	0.37	ng	-0.03
8) Nitrobenzene-d5	8.57	82	936	0.34	ng	-0.03
11) 2-Methylnaphthalene-d10	11.74	152	2600	0.40	ng	-0.04
14) 2,4,6-Tribromophenol	15.55	330	354	0.40	ng	-0.04
15) 2-Fluorobiphenyl	12.64	172	3196	0.37	ng	-0.05
25) Fluoranthene-d10	18.82	212	6393	0.36	ng	-0.04
29) Terphenyl-d14	19.44	244	4062	0.37	ng	-0.04

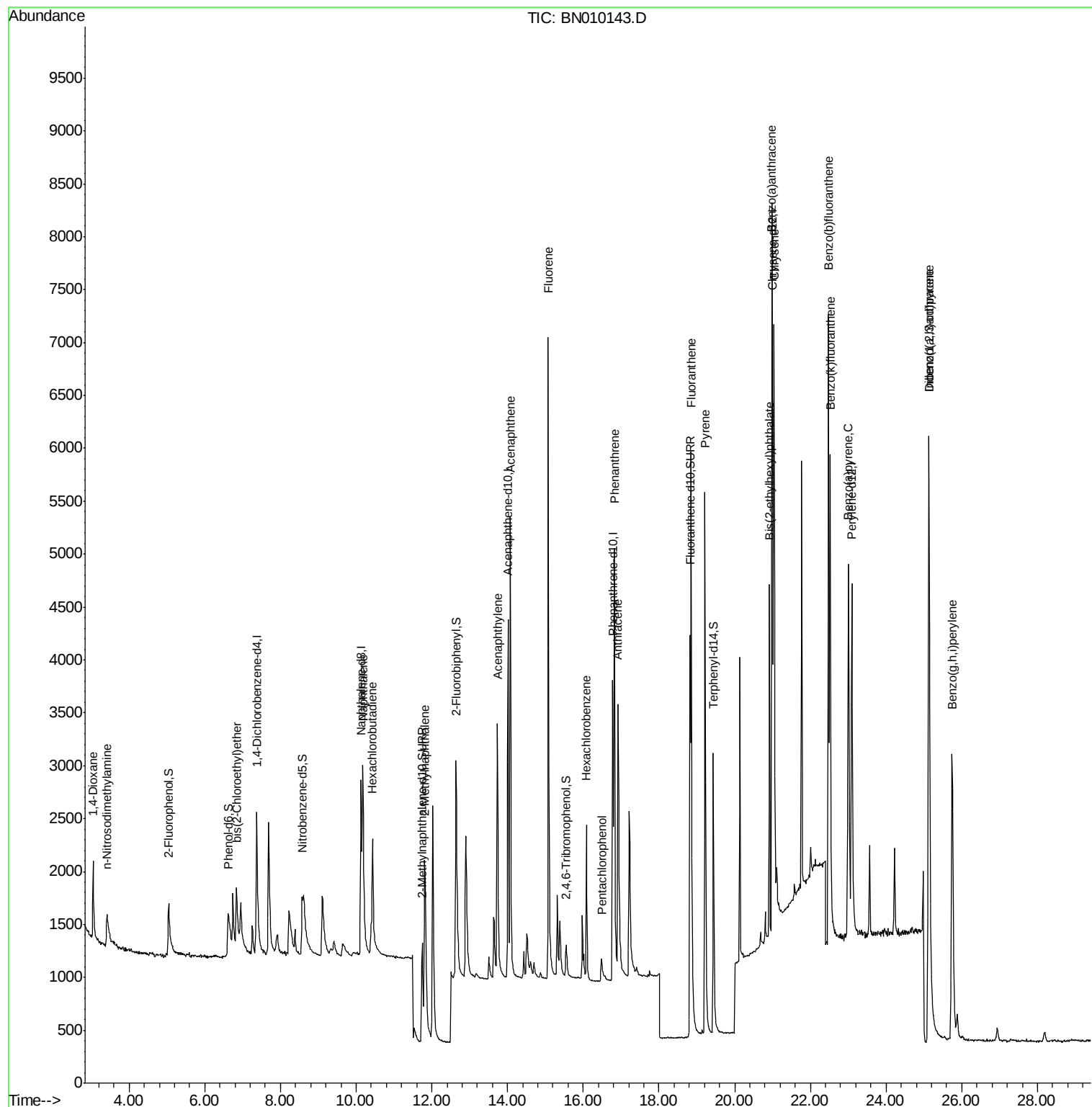
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.05	88	368	0.390	ng	87
3) n-Nitrosodimethylamine	3.42	42	569	0.367	ng	# 97
6) bis(2-Chloroethyl)ether	6.84	93	987	0.407	ng	# 87
9) Naphthalene	10.18	128	3553	0.388	ng	100
10) Hexachlorobutadiene	10.43	225	810	0.402	ng	# 97
12) 2-Methylnaphthalene	11.81	142	2482	0.396	ng	99
16) Acenaphthylene	13.73	152	3744	0.382	ng	98
17) Acenaphthene	14.08	154	2615	0.379	ng	99
18) Fluorene	15.08	166	3380	0.372	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	250	Below Cal		95
21) Hexachlorobenzene	16.09	284	1260	0.395	ng	98
22) Pentachlorophenol	16.48	266	254	0.417	ng	97
23) Phenanthrene	16.82	178	5495	0.361	ng	100
24) Anthracene	16.92	178	4620	0.359	ng	99
26) Fluoranthene	18.85	202	6553	0.359	ng	99
28) Pyrene	19.22	202	6629	0.378	ng	100
30) Benzo(a)anthracene	20.99	228	5663	0.370	ng	99
31) Chrysene	21.04	228	6248	0.352	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	2675	0.358	ng	100
33) Indeno(1,2,3-cd)pyrene	25.13	276	7442	0.403	ng	99
35) Benzo(b)fluoranthene	22.48	252	6432	0.354	ng	97
36) Benzo(k)fluoranthene	22.52	252	7453	0.377	ng	97
37) Benzo(a)pyrene	23.01	252	6241	0.376	ng	# 93
38) Dibenzo(a,h)anthracene	25.13	278	5972	0.366	ng	97
39) Benzo(g,h,i)perylene	25.75	276	6463	0.372	ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010143.D
Acq On : 09 Mar 2020 11:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Mar 09 16:57:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



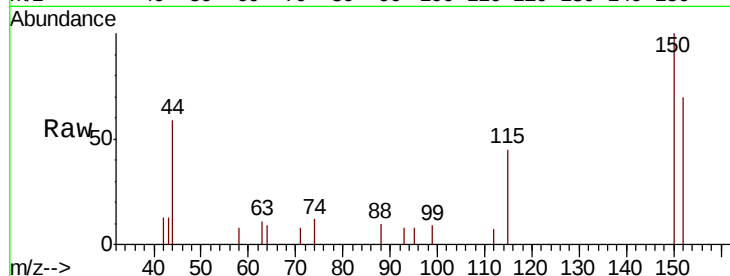


#1

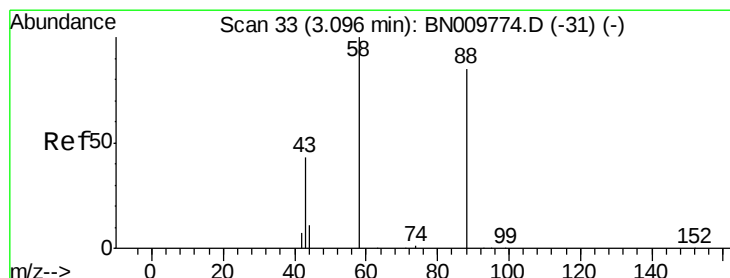
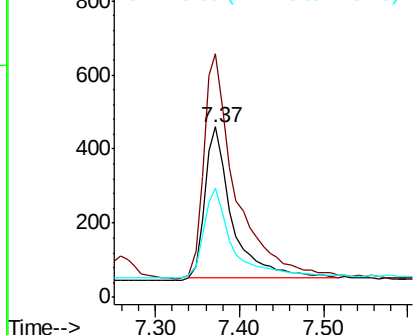
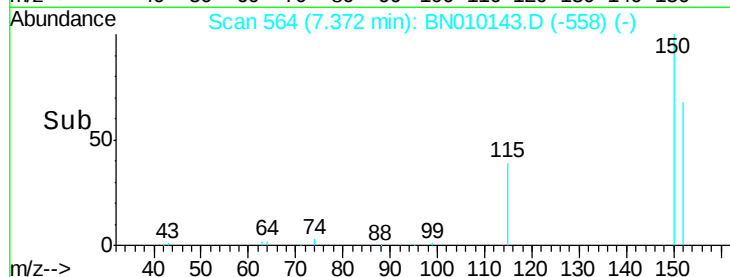
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 922
Ion Ratio Lower Upper
152 100
150 142.8 120.6 181.0
115 63.7 51.2 76.8



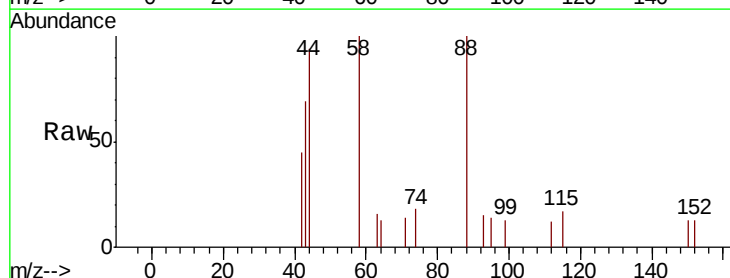
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



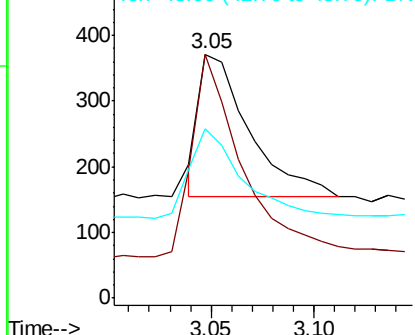
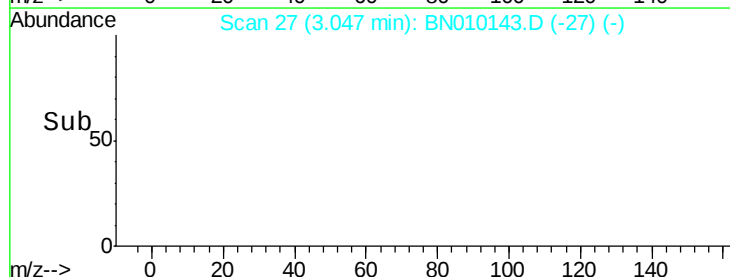
#2

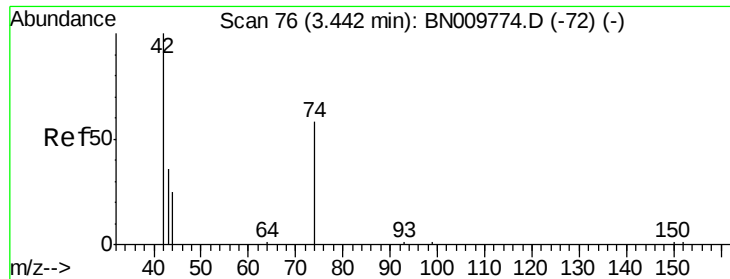
1,4-Dioxane
Concen: 0.390 ng
RT: 3.05 min Scan# 27
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion: 88 Resp: 368
Ion Ratio Lower Upper
88 100
58 106.8 97.8 146.8
43 48.4 45.1 67.7



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0

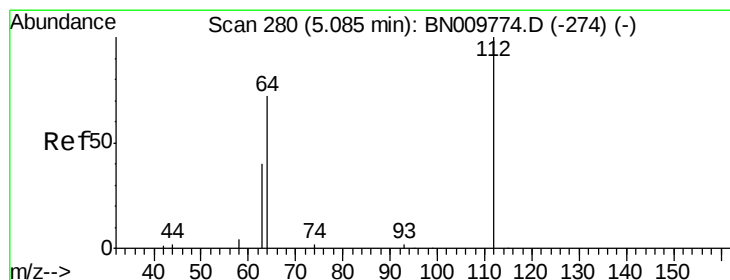
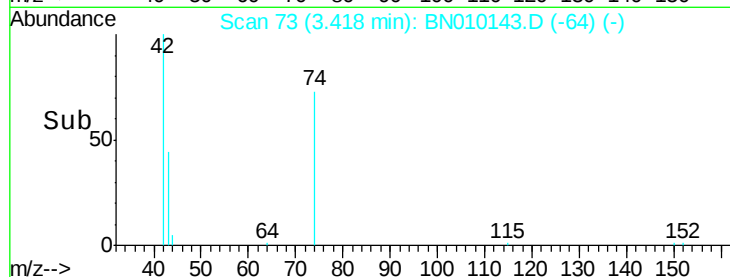
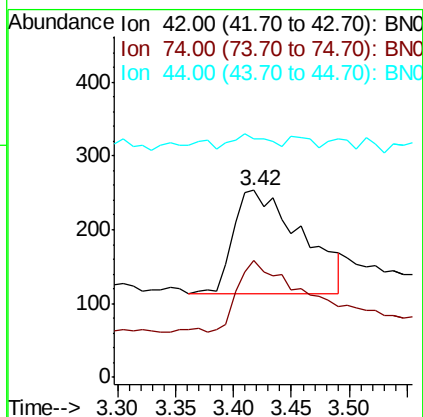
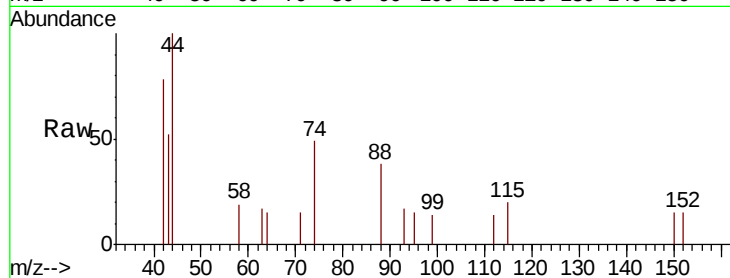




#3
n-Nitrosodimethylamine
Concen: 0.367 ng
RT: 3.42 min Scan# 73
Delta R.T. -0.02 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

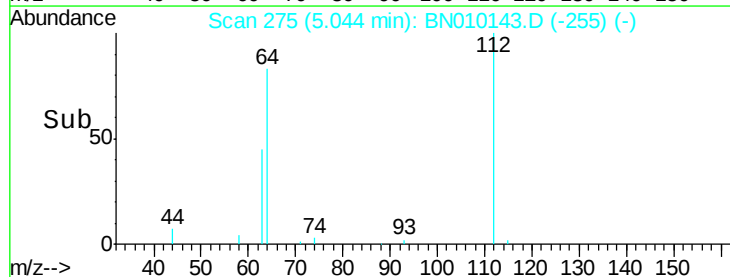
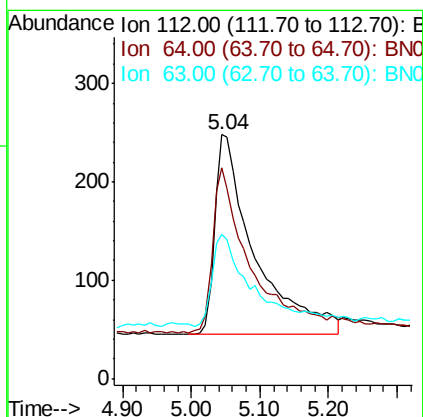
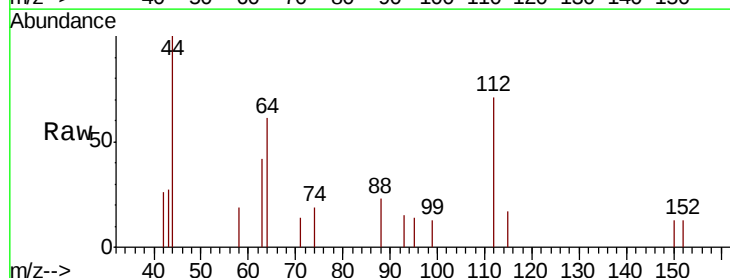
Instrument :
BNA_N
ClientSampleId :

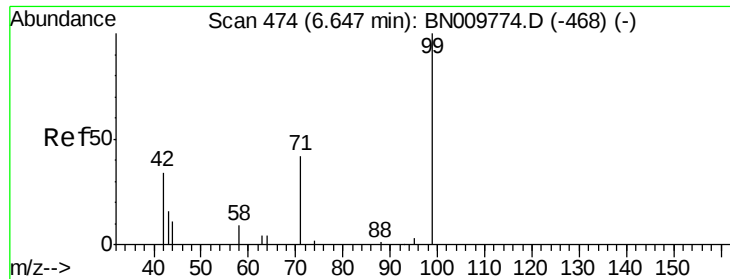
Tot Ion: 42 Resp: 569
Ion Ratio Lower Upper
42 100
74 66.3 51.2 76.8
44 6.7 2.6 4.0#



#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.04 min Scan# 275
Delta R.T. -0.04 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion: 112 Resp: 818
Ion Ratio Lower Upper
112 100
64 78.2 65.8 98.6
63 49.1 38.7 58.1





#5

Phenol-d6

Concen: 0.371 ng

RT: 6.61 min Scan# 470

Delta R.T. -0.03 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampled :

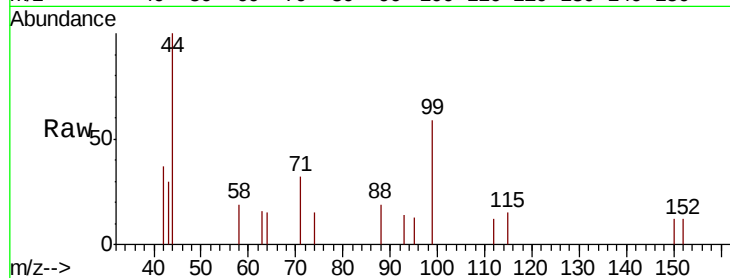
Tot Ion: 99 Resp: 926

Ion Ratio Lower Upper

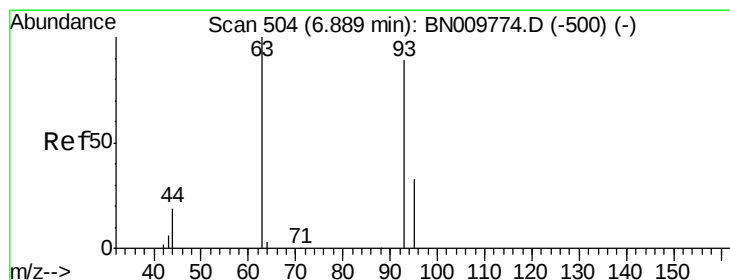
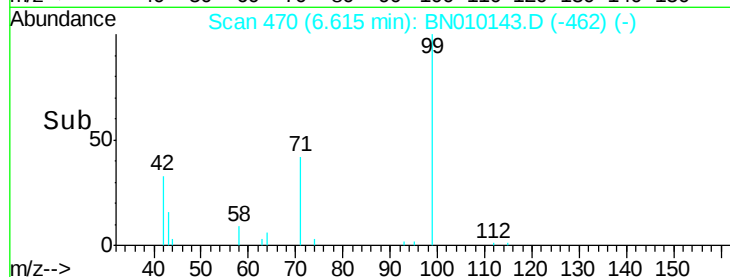
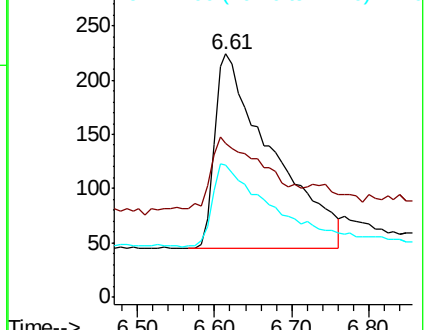
99 100

42 34.3 30.8 46.2

71 44.8 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.407 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.05 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

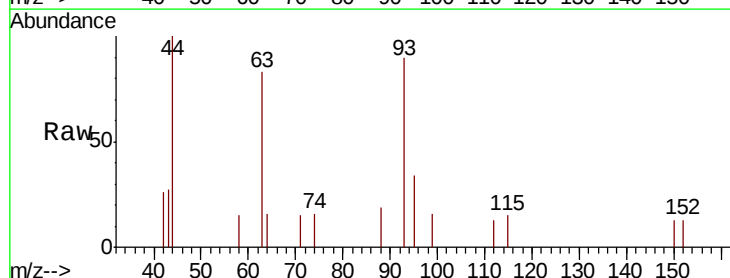
Tgt Ion: 93 Resp: 987

Ion Ratio Lower Upper

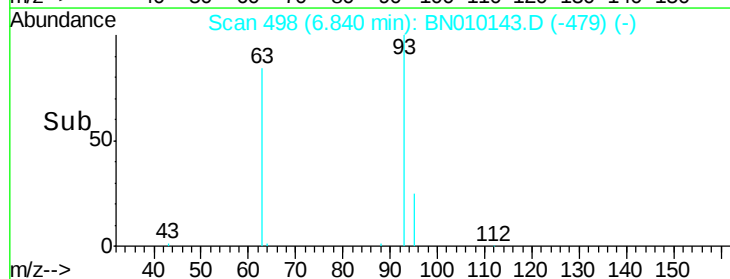
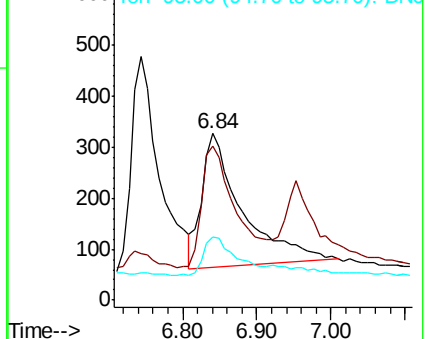
93 100

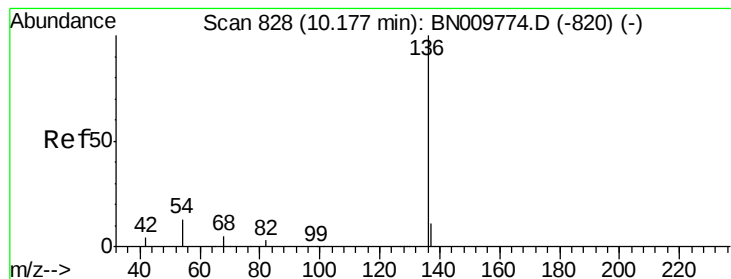
63 81.0 74.0 111.0

95 24.0 26.7 40.1#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 824

Delta R.T. -0.05 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3355

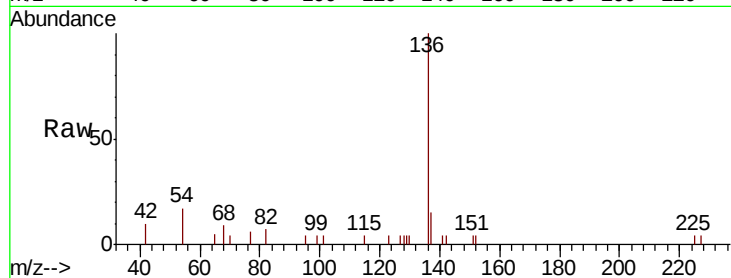
Ion Ratio Lower Upper

136 100

137 14.7 11.3 16.9

54 17.2 13.4 20.2

68 8.6 7.0 10.4

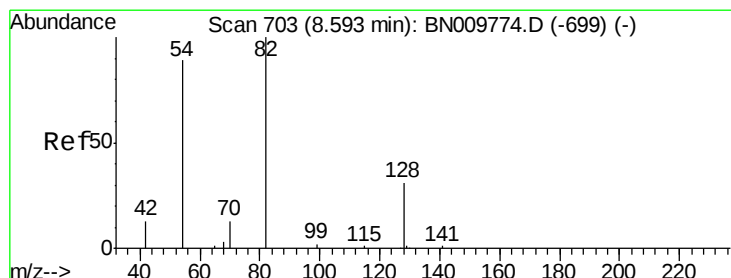
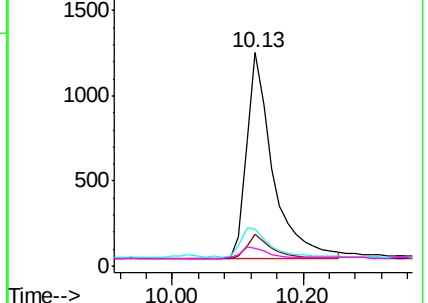
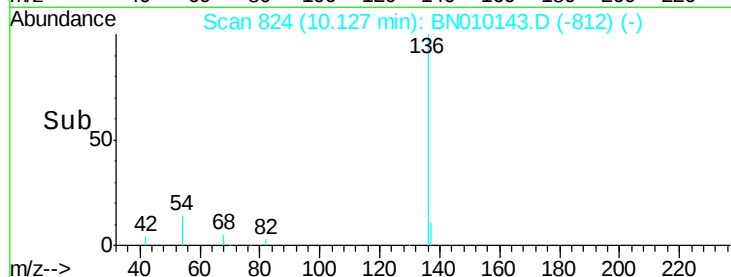


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 8.57 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

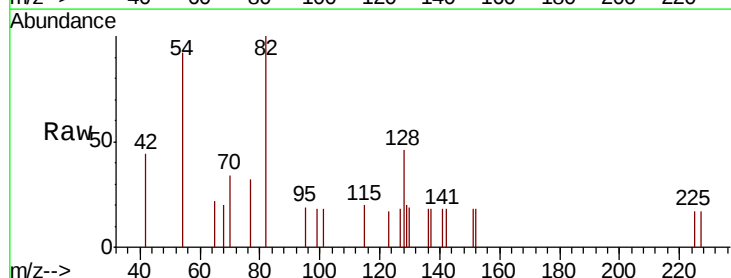
Tgt Ion: 82 Resp: 936

Ion Ratio Lower Upper

82 100

128 45.9 32.5 48.7

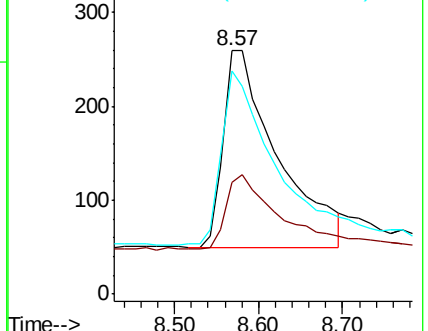
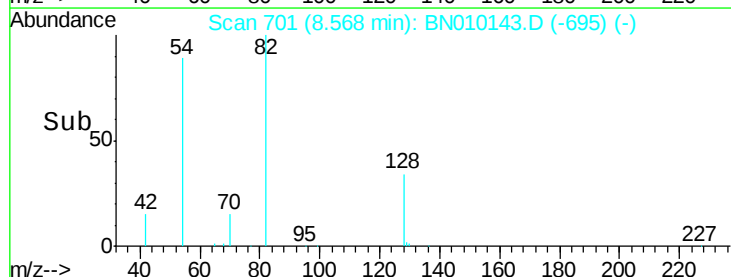
54 91.5 73.5 110.3



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: 0.388 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.05 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :

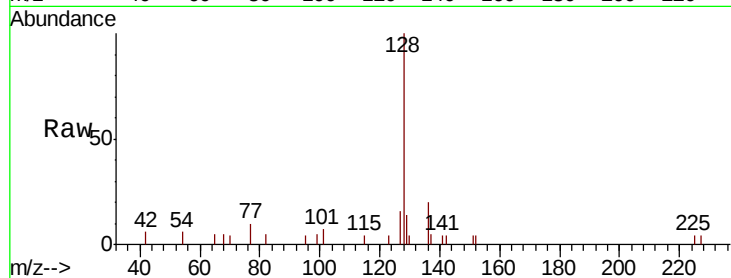
Tot Ion:128 Resp: 3553

Ion Ratio Lower Upper

128 100

129 13.9 11.1 16.7

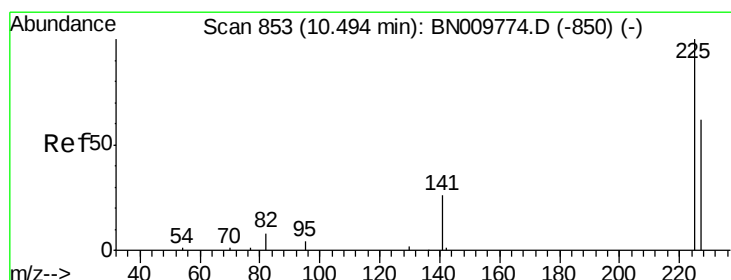
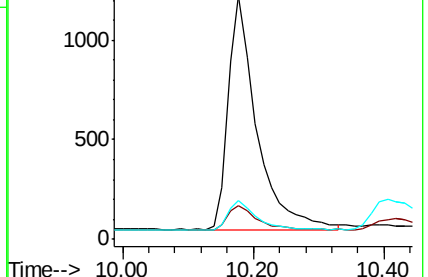
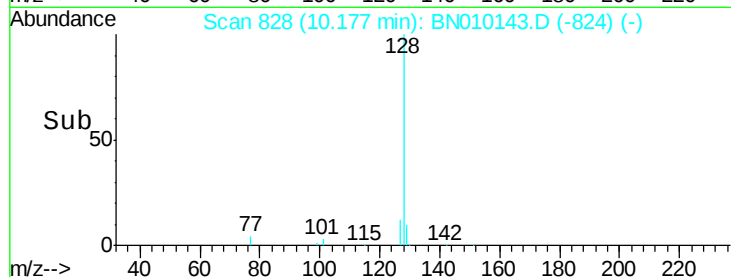
127 15.7 12.6 19.0



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: 0.402 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.06 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

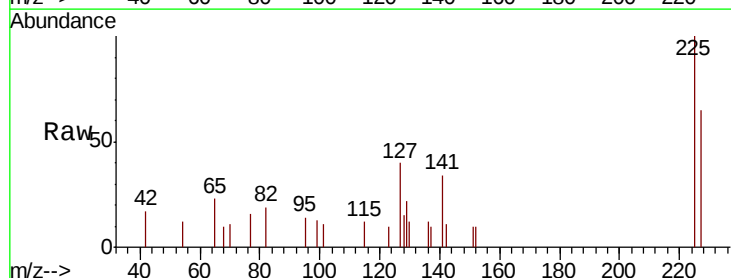
Tgt Ion:225 Resp: 810

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

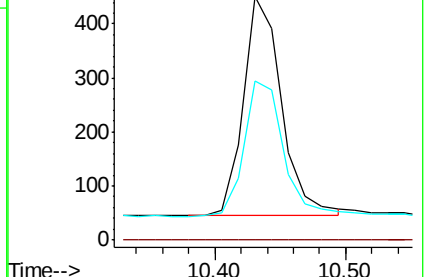
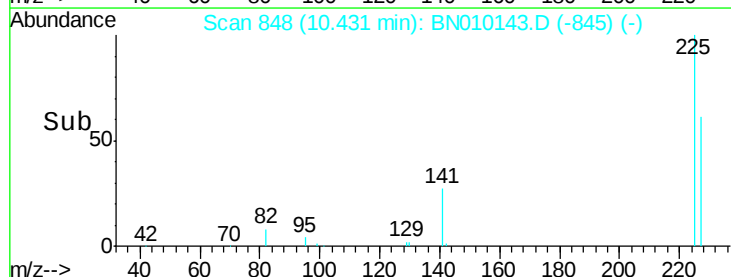
227 64.2 53.4 80.2



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: 0.400 ng

RT: 11.74 min Scan# 985

Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

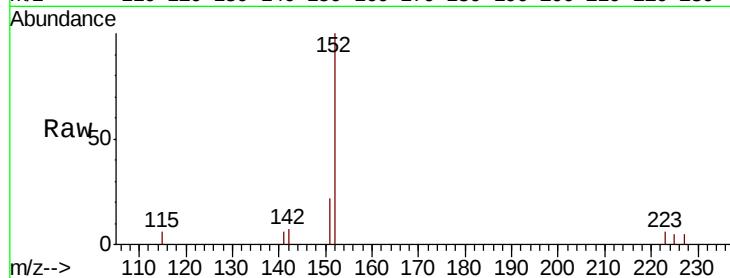
ClientSampleId :

Tot Ion:152 Resp: 2600

Ion Ratio Lower Upper

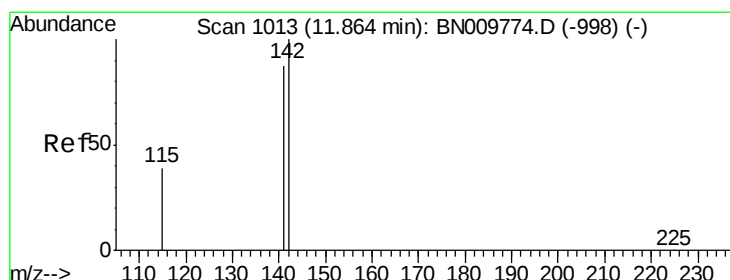
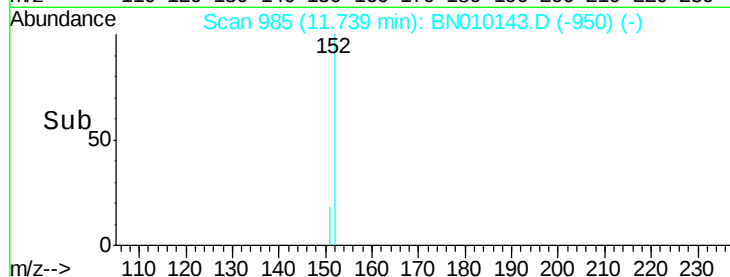
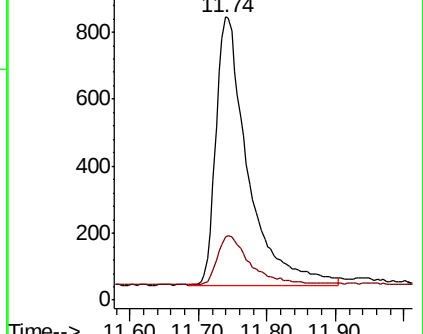
152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.396 ng

RT: 11.81 min Scan# 1002

Delta R.T. -0.05 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

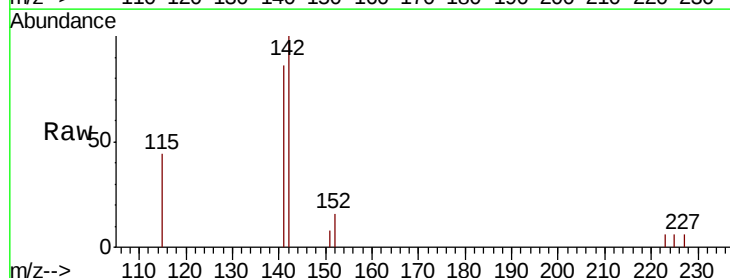
Tgt Ion:142 Resp: 2482

Ion Ratio Lower Upper

142 100

141 86.4 69.8 104.6

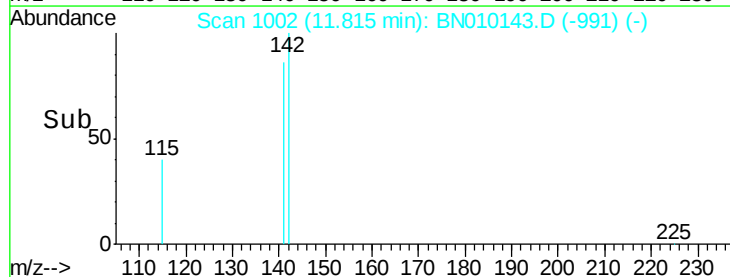
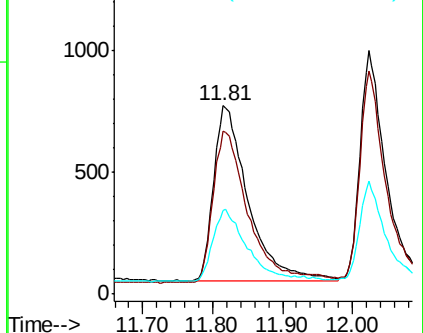
115 44.1 34.6 52.0



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :

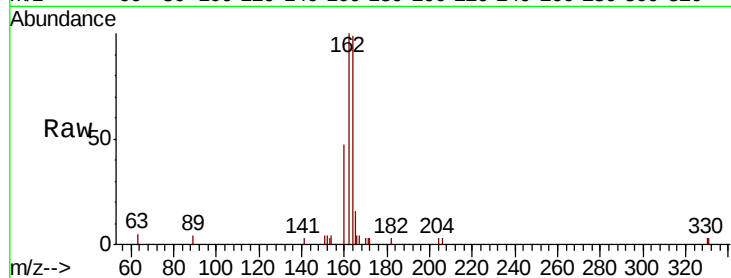
Tot Ion:164 Resp: 2300

Ion Ratio Lower Upper

164 100

162 100.8 79.9 119.9

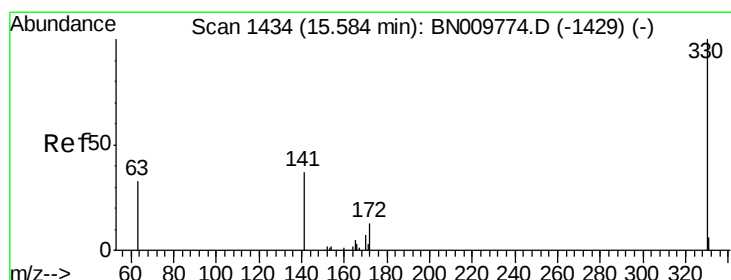
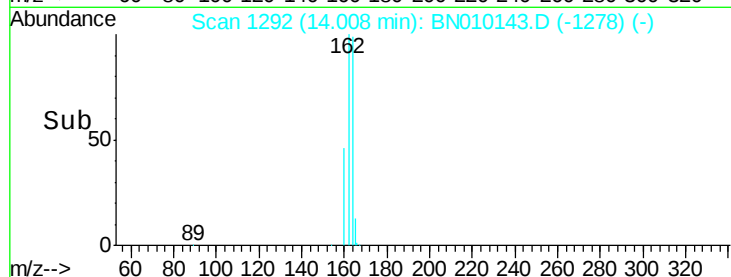
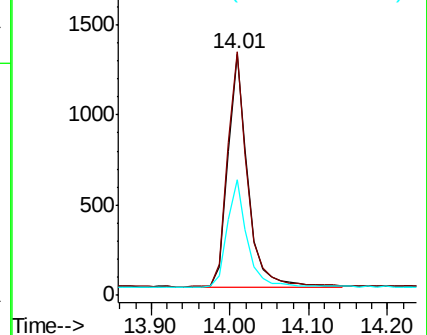
160 47.7 38.2 57.2



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: 0.400 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

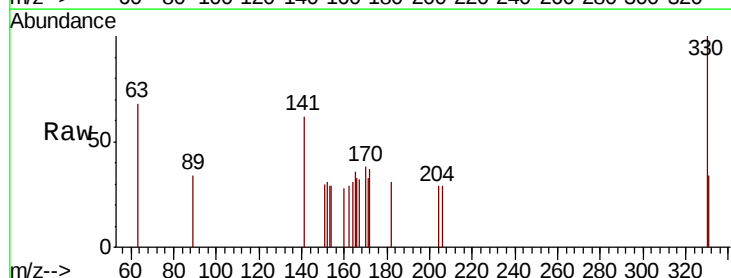
Tgt Ion:330 Resp: 354

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

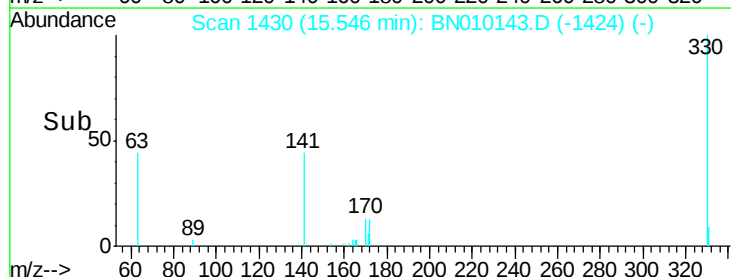
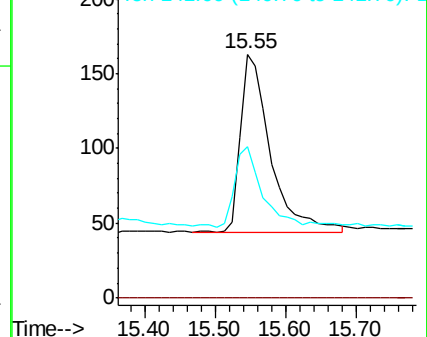
141 41.5 36.8 55.2



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

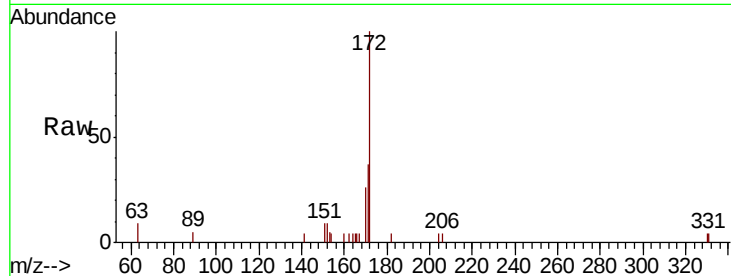




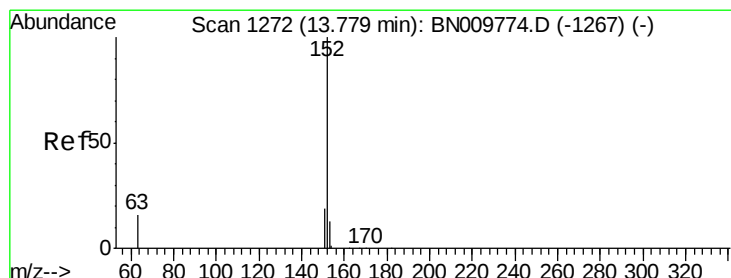
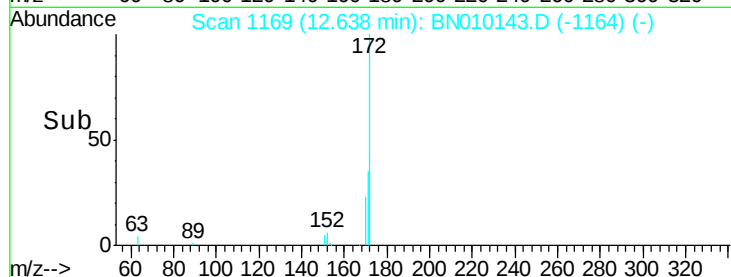
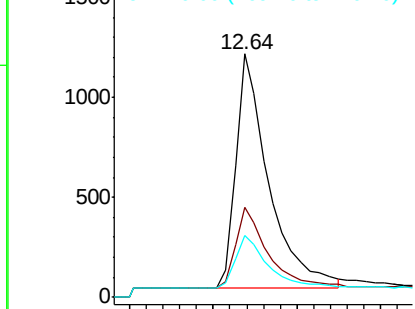
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.64 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 3196
Ion Ratio Lower Upper
172 100
171 37.2 28.7 43.1
170 25.6 20.1 30.1

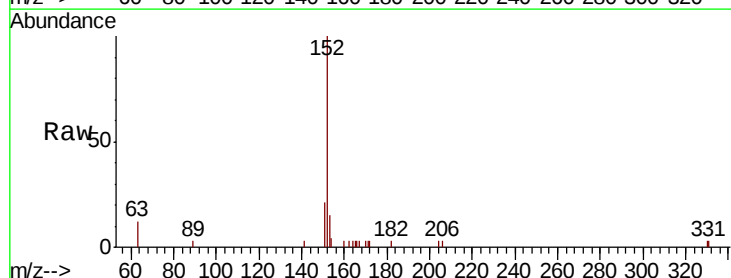


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

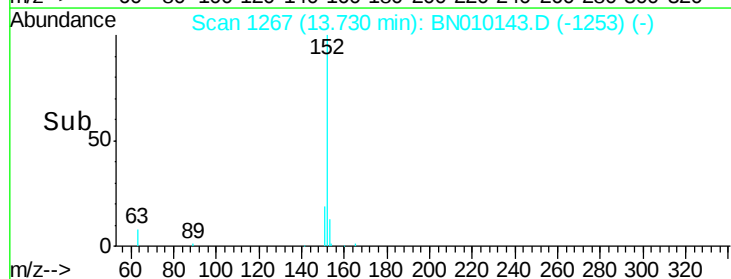
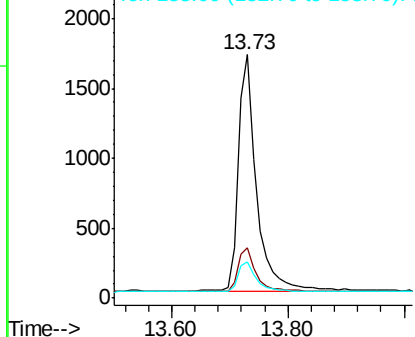


#16
Acenaphthylene
Concen: 0.382 ng
RT: 13.73 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:152 Resp: 3744
Ion Ratio Lower Upper
152 100
151 18.7 15.8 23.6
153 13.0 10.2 15.4



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





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.08 min Scan# 1298

Delta R.T. -0.05 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

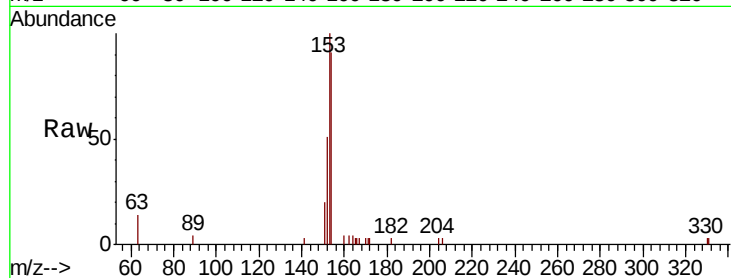
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 2615

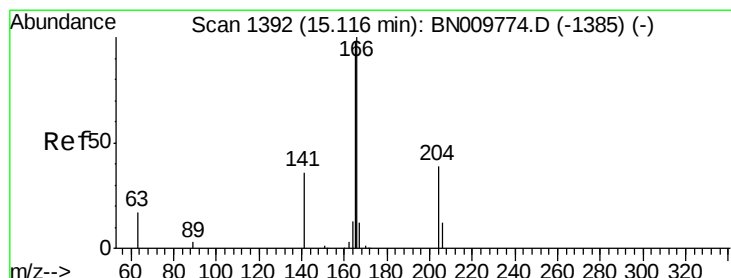
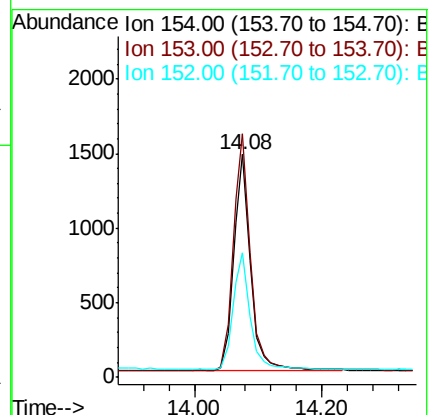
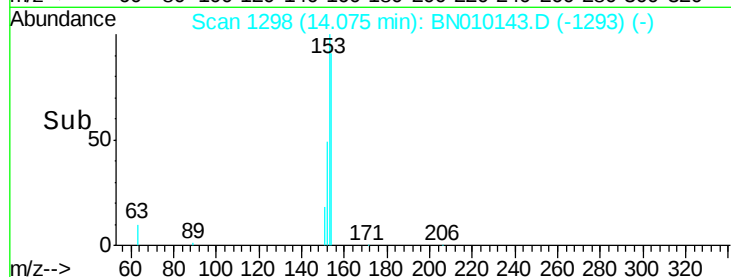
Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.9	133.3
152	55.2	44.2	66.2



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: 0.372 ng

RT: 15.08 min Scan# 1388

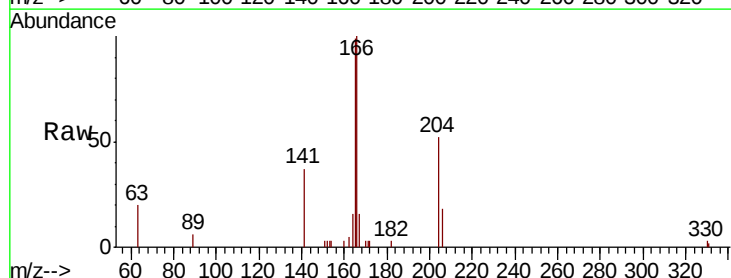
Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Tgt Ion:166 Resp: 3380

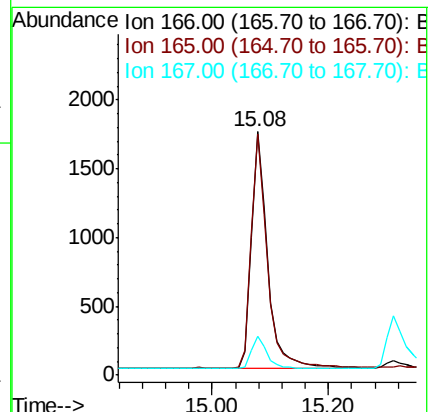
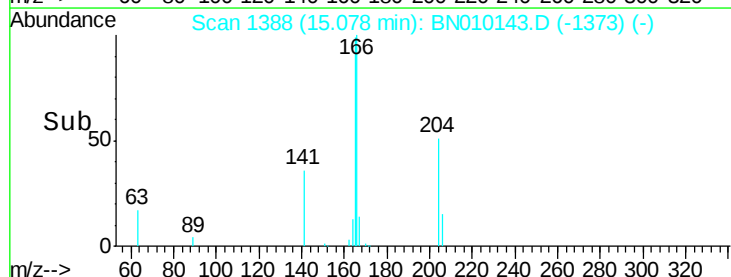
Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.2	115.8
167	14.0	10.5	15.7

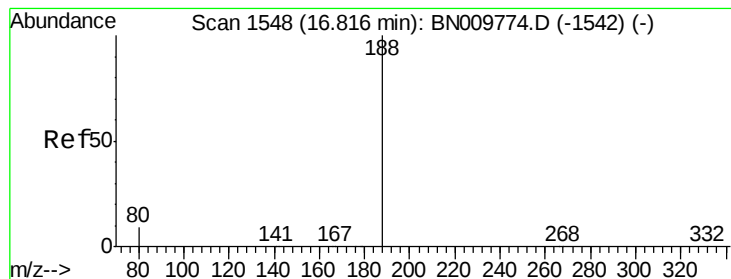


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.78 min Scan# 1544

Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :

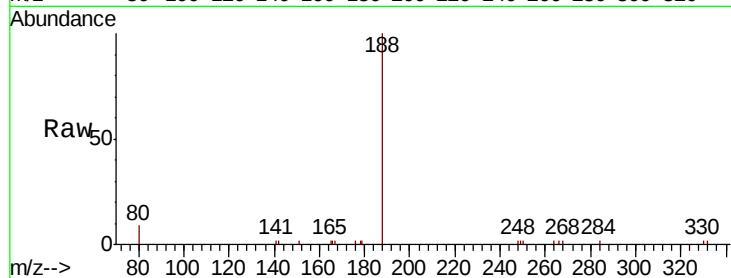
Tot Ion:188 Resp: 5117

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

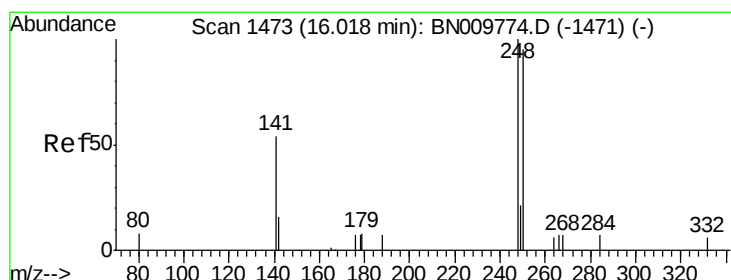
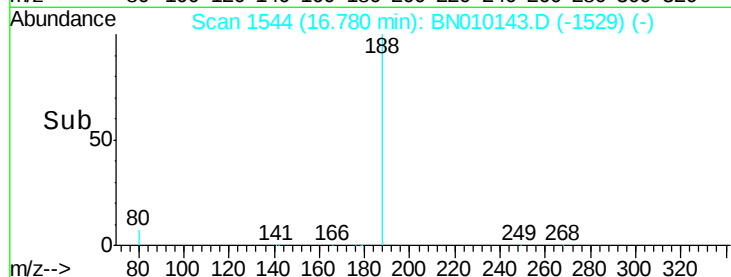
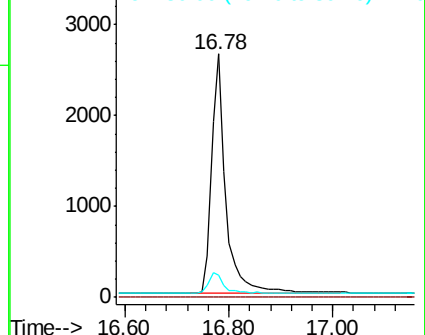
80 8.9 8.3 12.5



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-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

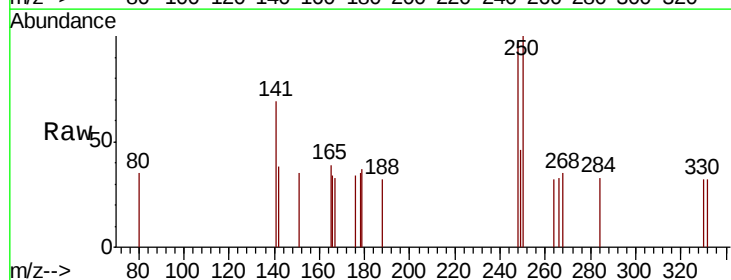
Tgt Ion:248 Resp: 250

Ion Ratio Lower Upper

248 100

250 102.9 76.2 114.4

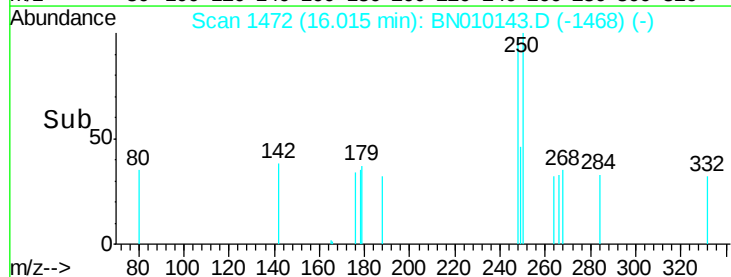
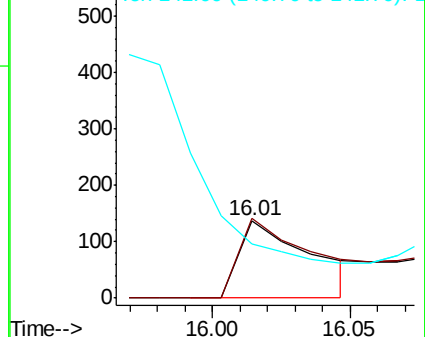
141 70.8 57.8 86.6

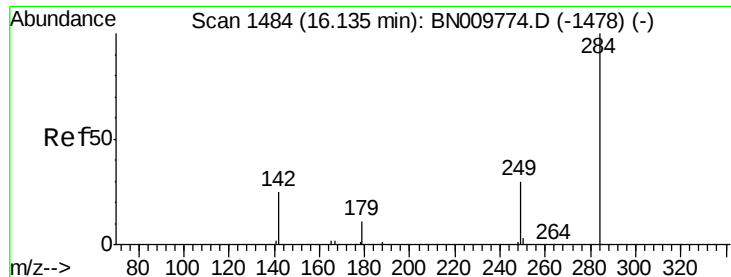


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 16.09 min Scan# 1479

Delta R.T. -0.05 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampled :

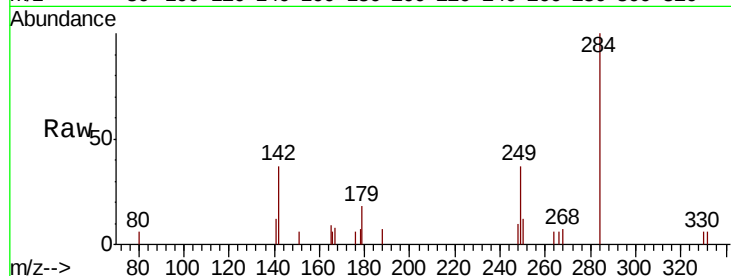
Tot Ion:284 Resp: 1260

Ion Ratio Lower Upper

284 100

142 40.6 33.3 49.9

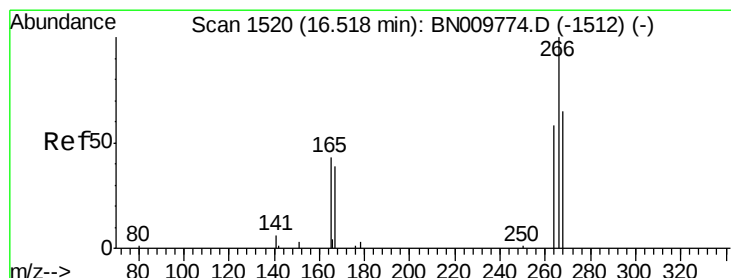
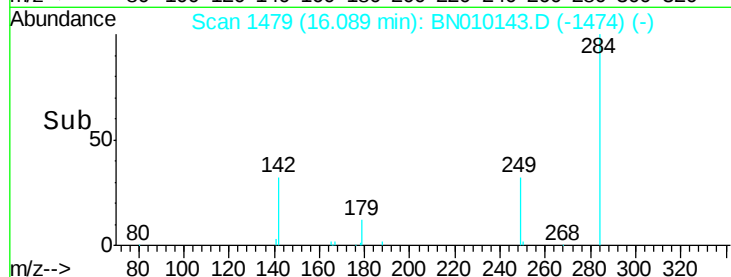
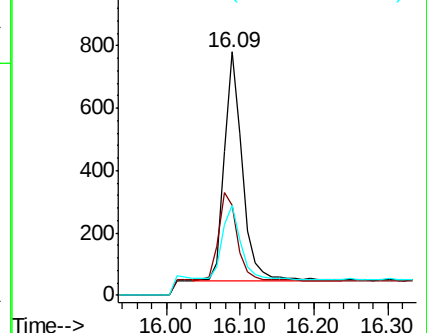
249 33.3 25.7 38.5



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



#22

Pentachlorophenol

Concen: 0.417 ng

RT: 16.48 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

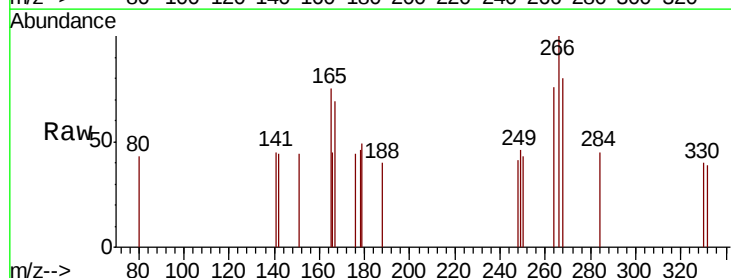
Tgt Ion:266 Resp: 254

Ion Ratio Lower Upper

266 100

264 75.9 58.1 87.1

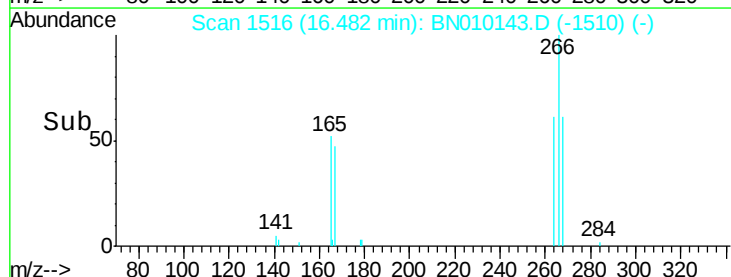
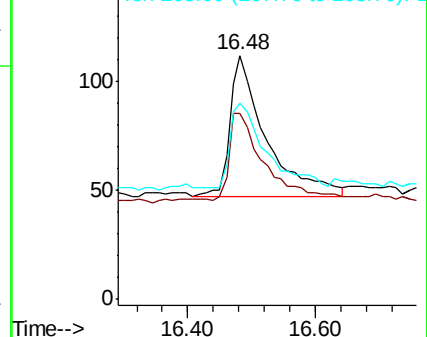
268 80.4 65.7 98.5

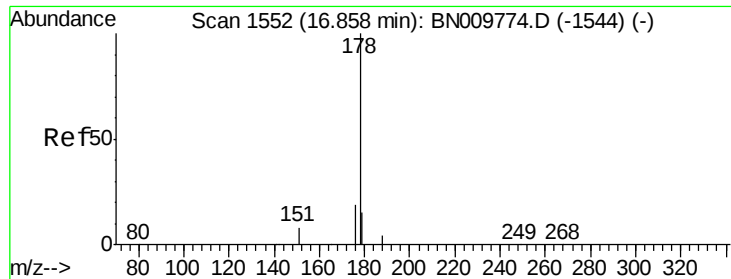


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.361 ng

RT: 16.82 min Scan# 1548

Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :

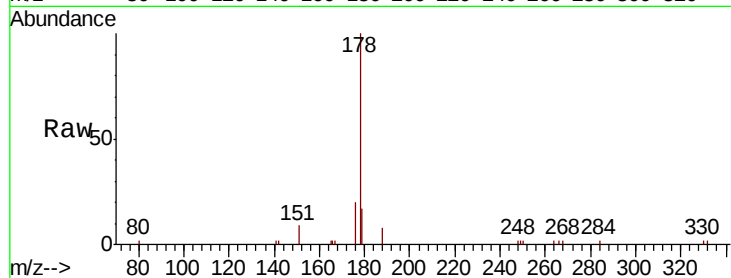
Tot Ion:178 Resp: 5495

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

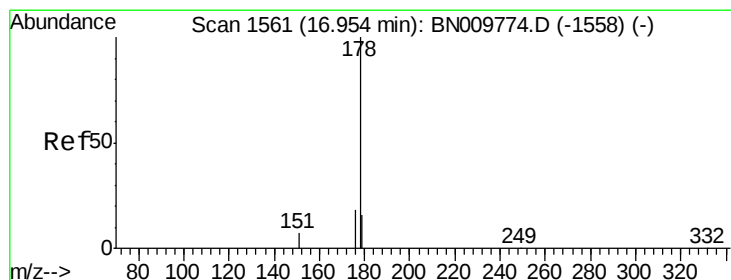
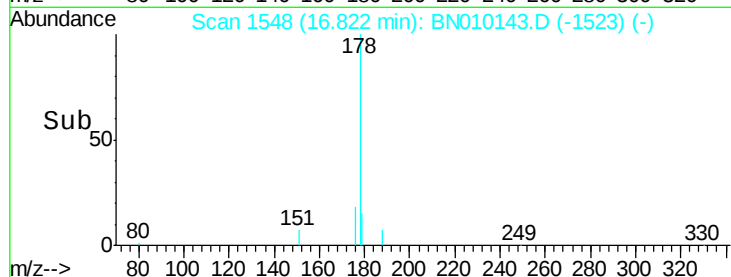
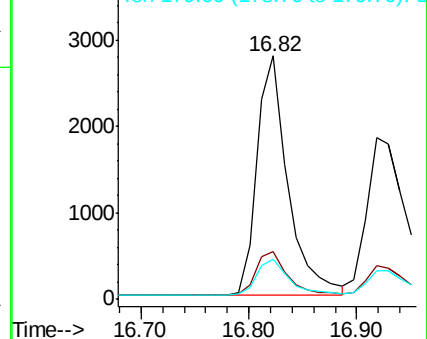
179 15.4 12.4 18.6



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



#24

Anthracene

Concen: 0.359 ng

RT: 16.92 min Scan# 1557

Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

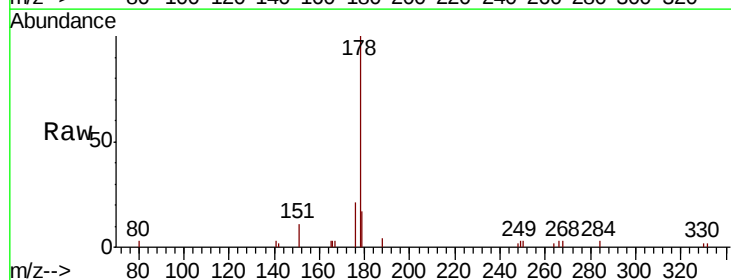
Tgt Ion:178 Resp: 4620

Ion Ratio Lower Upper

178 100

176 18.7 14.3 21.5

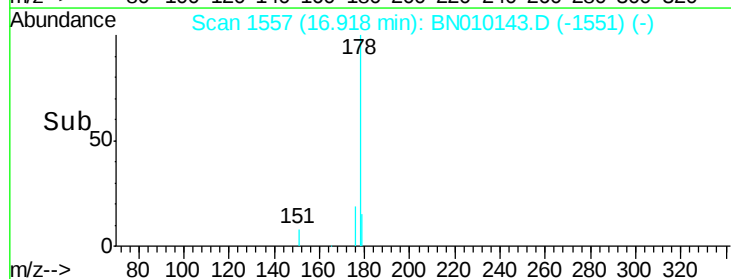
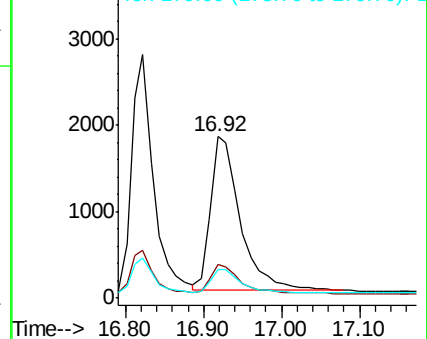
179 15.4 12.4 18.6

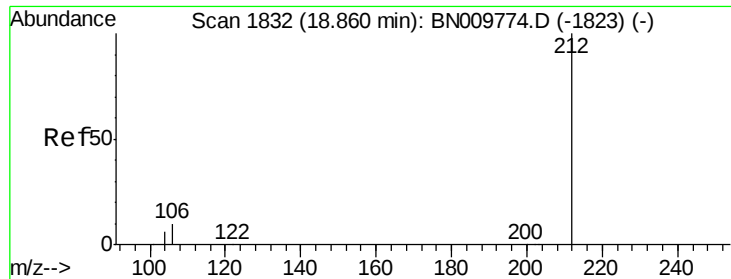


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.361 ng

RT: 18.82 min Scan# 1823

Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :

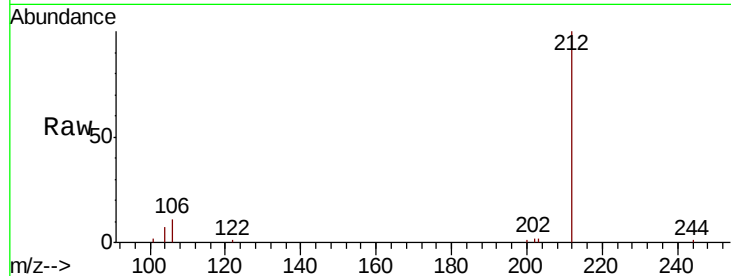
Tot Ion:212 Resp: 6393

Ion Ratio Lower Upper

212 100

106 10.2 8.4 12.6

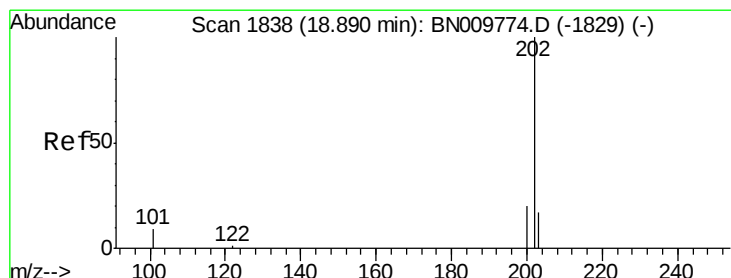
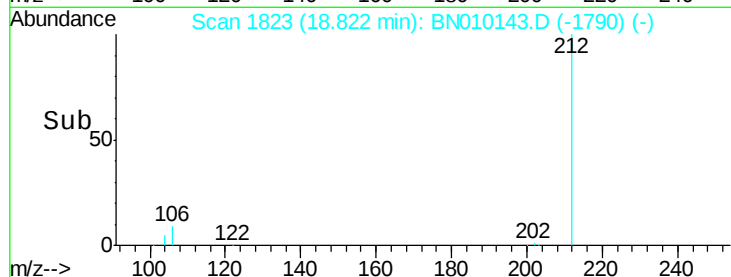
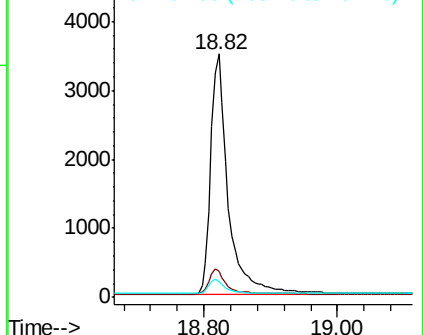
104 6.0 4.8 7.2



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: 0.359 ng

RT: 18.85 min Scan# 1829

Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

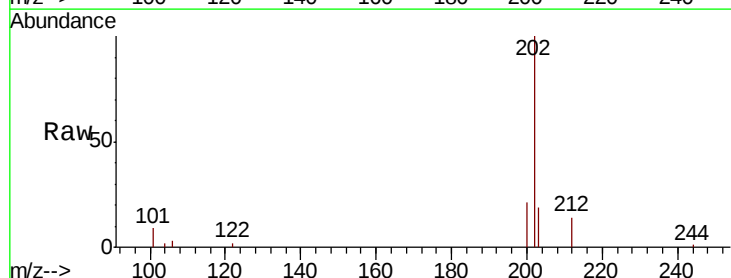
Tgt Ion:202 Resp: 6553

Ion Ratio Lower Upper

202 100

101 8.3 7.1 10.7

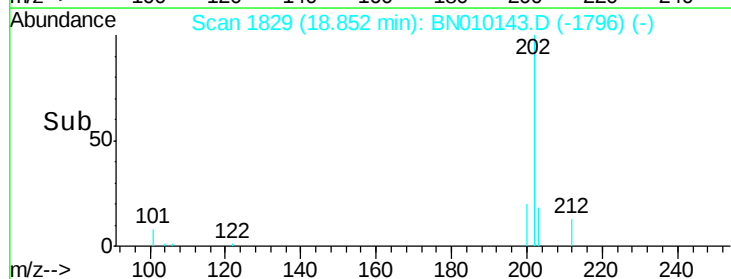
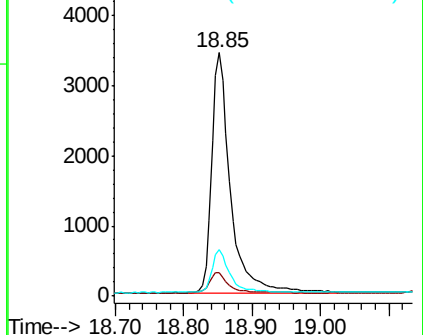
203 16.9 13.8 20.6



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

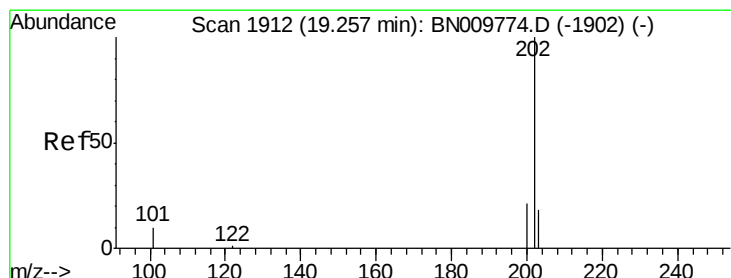
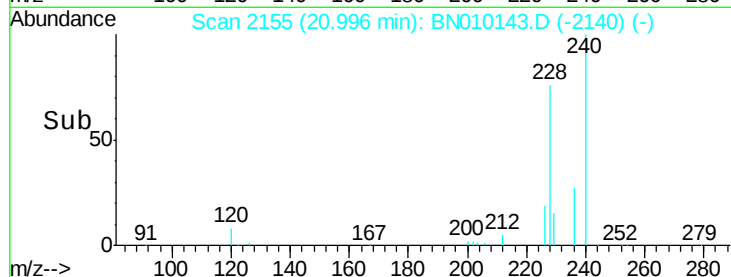
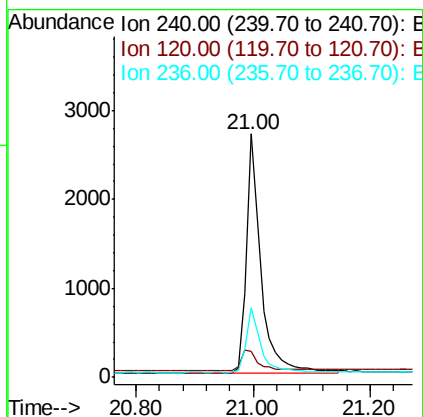
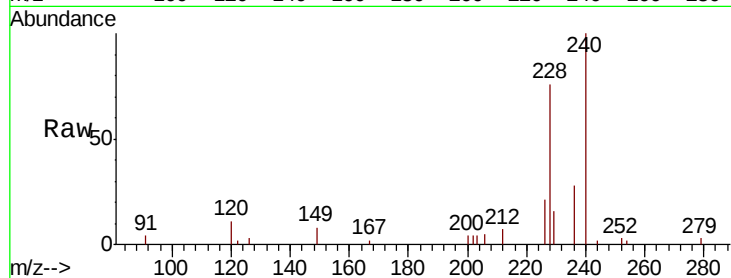




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.00 min Scan# 2155
 Delta R.T. -0.04 min
 Lab File: BN010143.D
 Acq: 09 Mar 2020 11:27

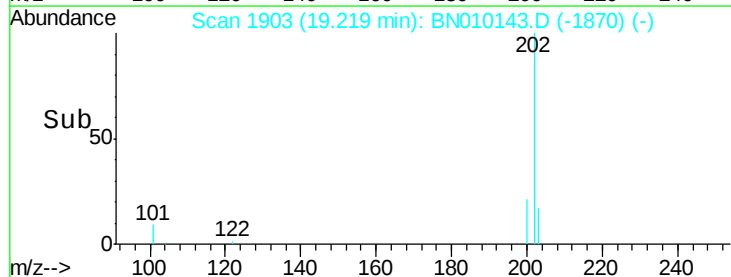
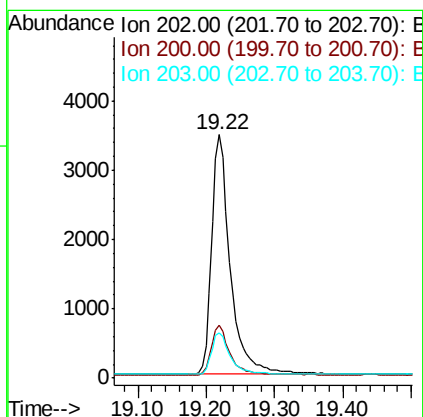
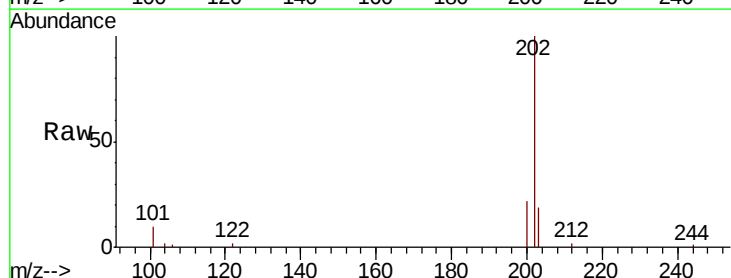
Instrument :
 BNA_N
 ClientSampleId :

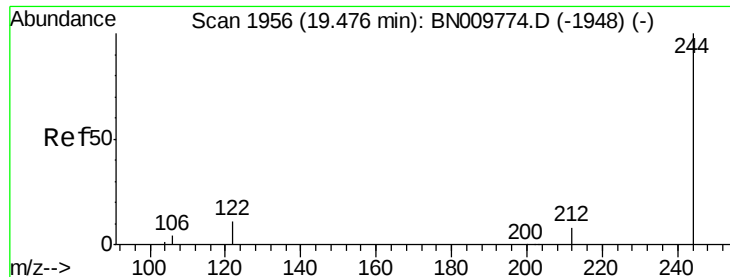
Tot Ion:240 Resp: 4618
 Ion Ratio Lower Upper
 240 100
 120 10.9 7.9 11.9
 236 28.3 22.0 33.0



#28
 Pyrene
 Concen: 0.378 ng
 RT: 19.22 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: BN010143.D
 Acq: 09 Mar 2020 11:27

Tgt Ion:202 Resp: 6629
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.4 24.6
 203 17.6 13.9 20.9





#29

Terphenyl-d14

Concen: 0.368 ng

RT: 19.44 min Scan# 1947

Delta R.T. -0.04 min

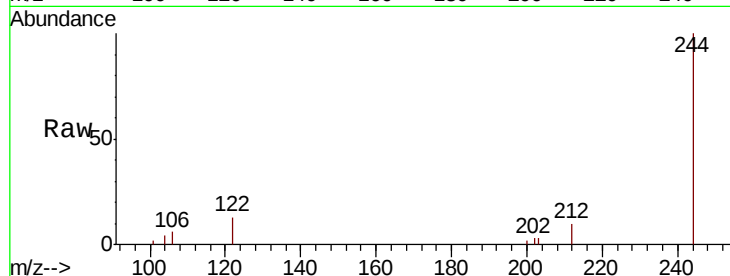
Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :



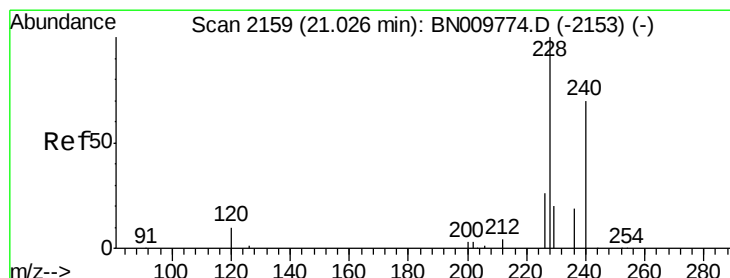
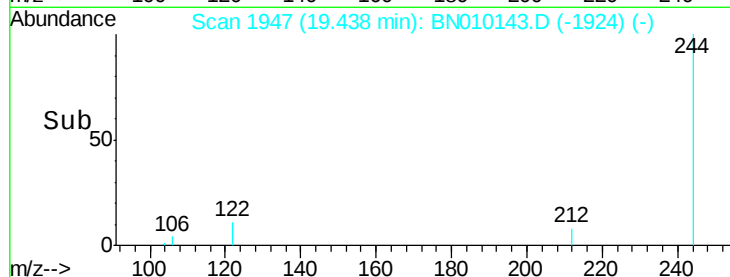
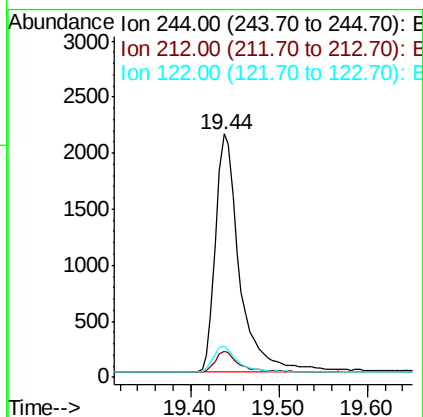
Tot Ion:244 Resp: 4062

Ion Ratio Lower Upper

244 100

212 10.5 8.0 12.0

122 12.7 10.0 15.0



#30

Benzo(a)anthracene

Concen: 0.370 ng

RT: 20.99 min Scan# 2154

Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

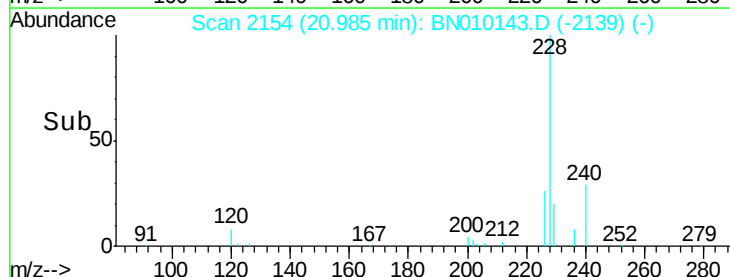
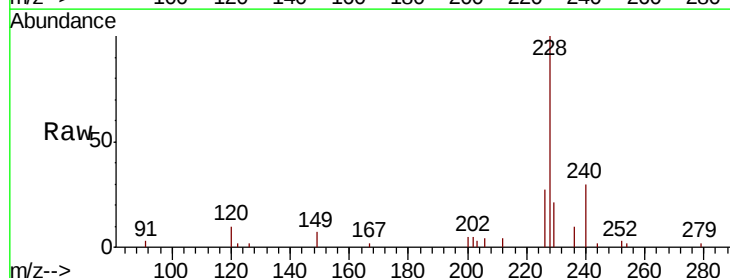
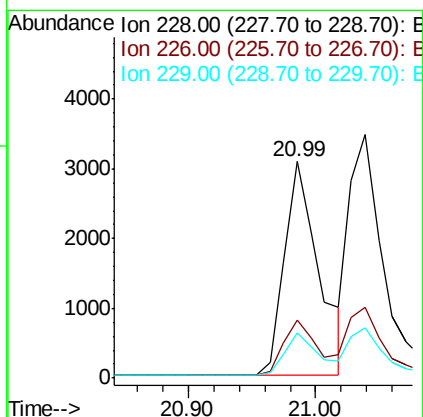
Tgt Ion:228 Resp: 5663

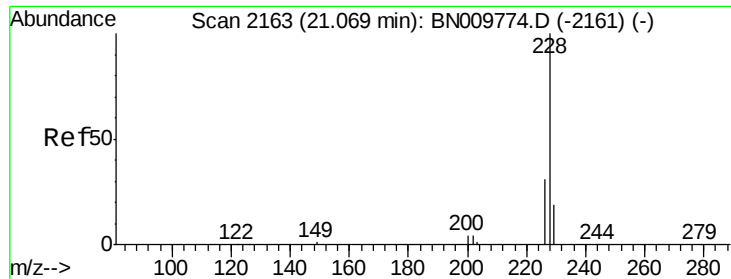
Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 21.2 17.1 25.7





#31

Chrysene

Concen: 0.352 ng

RT: 21.04 min Scan# 2159

Delta R.T. -0.03 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :

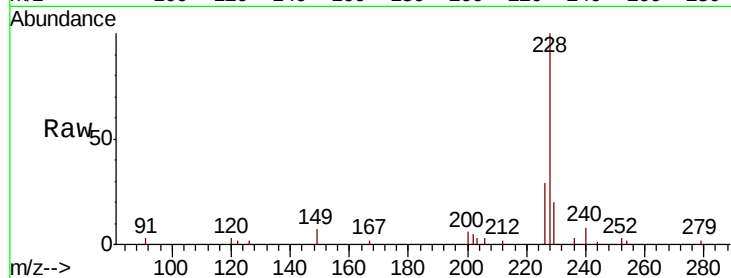
Tot Ion:228 Resp: 6248

Ion Ratio Lower Upper

228 100

226 29.2 24.8 37.2

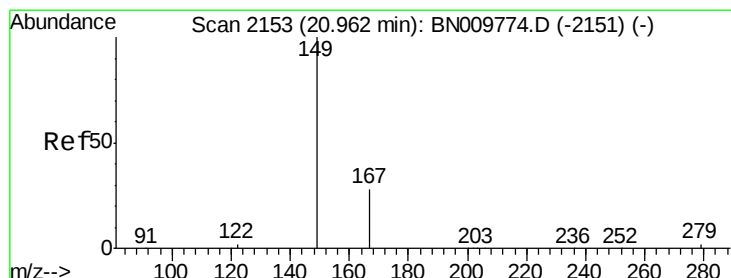
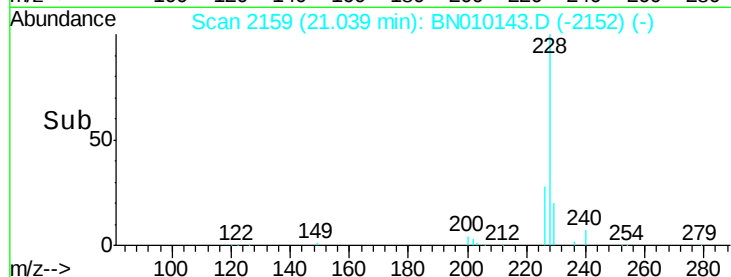
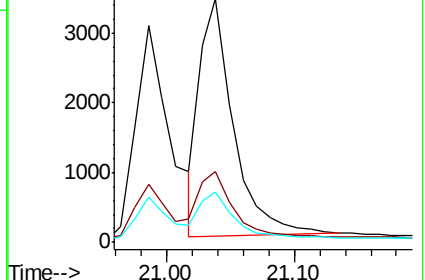
229 20.5 16.4 24.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.358 ng

RT: 20.92 min Scan# 2148

Delta R.T. -0.04 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

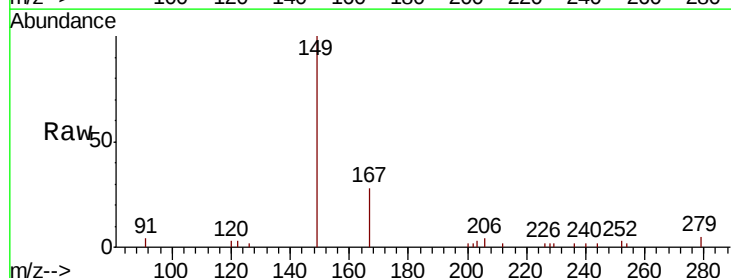
Tgt Ion:149 Resp: 2675

Ion Ratio Lower Upper

149 100

167 28.2 22.7 34.1

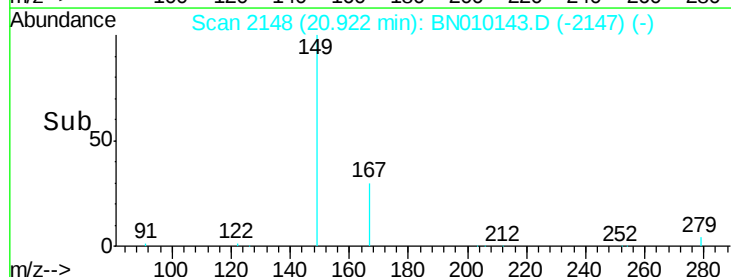
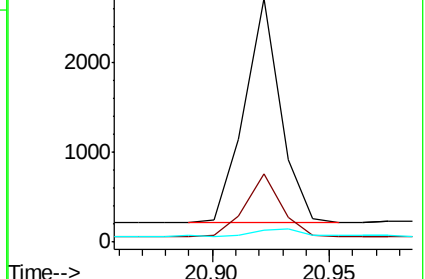
279 4.1 3.1 4.7

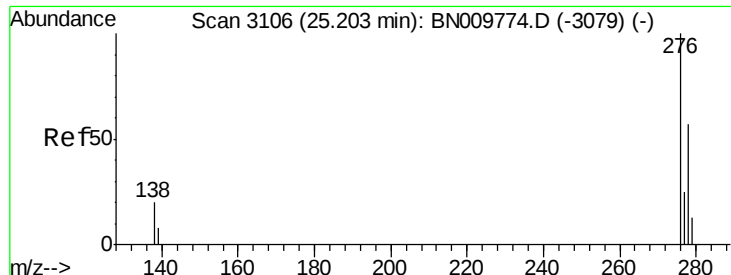


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

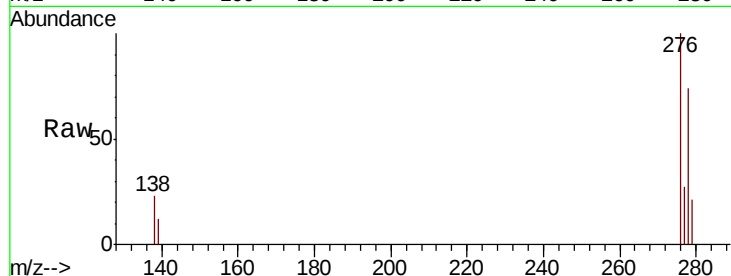




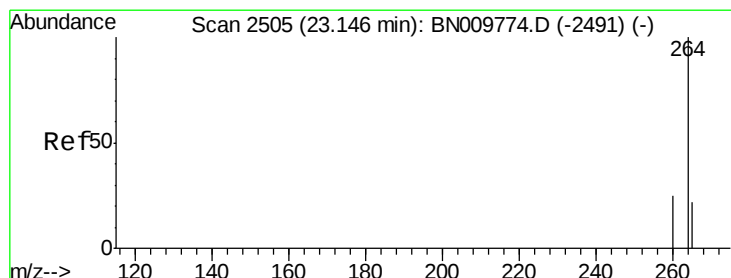
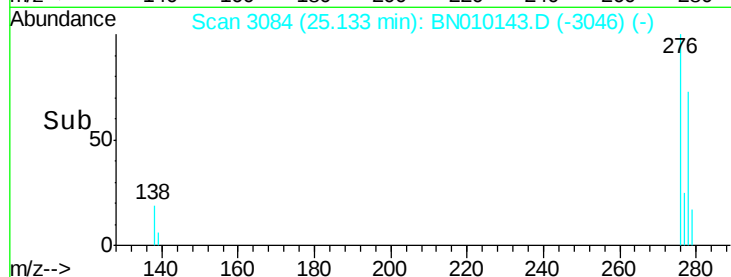
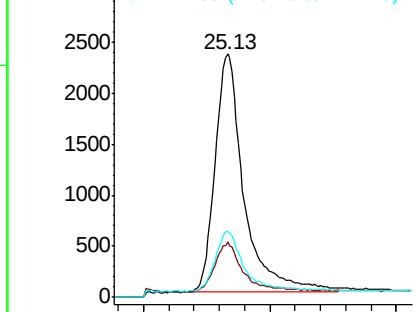
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 25.13 min Scan# 3084
Delta R.T. -0.07 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 7442
Ion Ratio Lower Upper
276 100
138 19.3 15.8 23.6
277 23.6 19.3 28.9

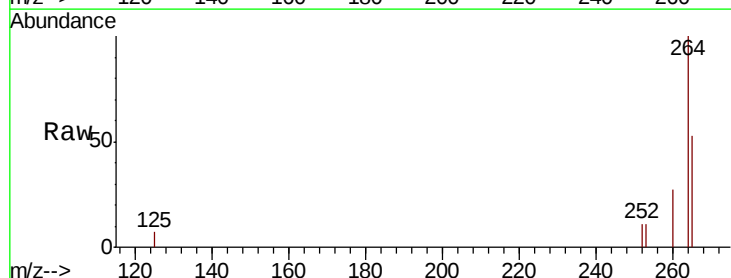


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

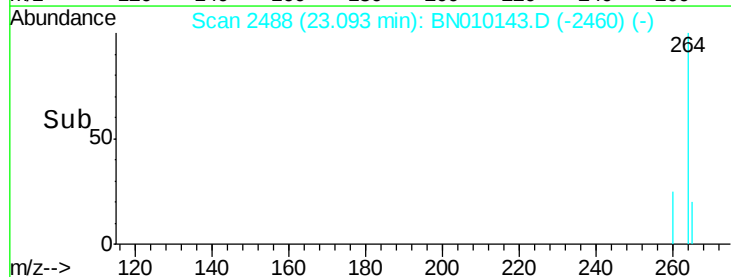
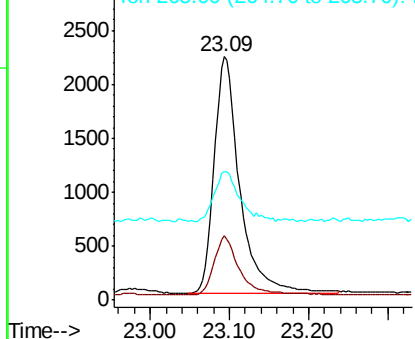


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.09 min Scan# 2488
Delta R.T. -0.05 min
Lab File: BN010143.D
Acq: 09 Mar 2020 11:27

Tgt Ion:264 Resp: 4972
Ion Ratio Lower Upper
264 100
260 26.6 21.1 31.7
265 52.9 57.5 86.3#



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





#35

Benzo(b)fluoranthene

Concen: 0.354 ng

RT: 22.48 min Scan# 2309

Delta R.T. -0.05 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :

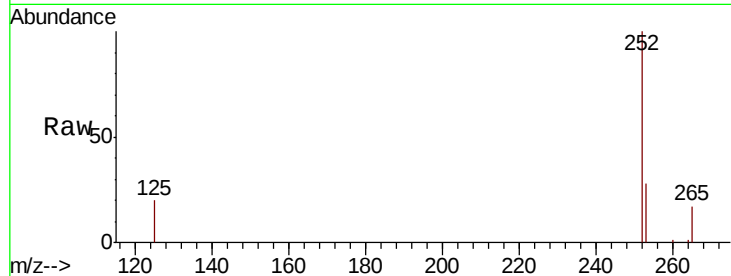
Tot Ion:252 Resp: 6432

Ion Ratio Lower Upper

252 100

253 27.7 23.0 34.6

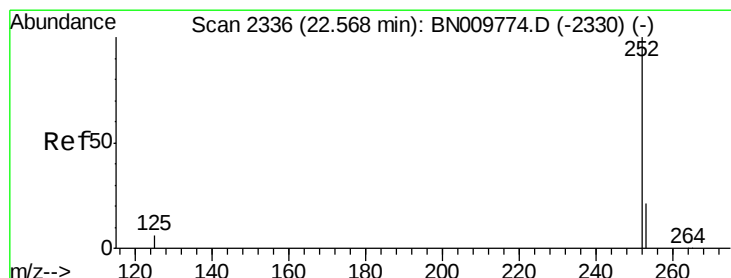
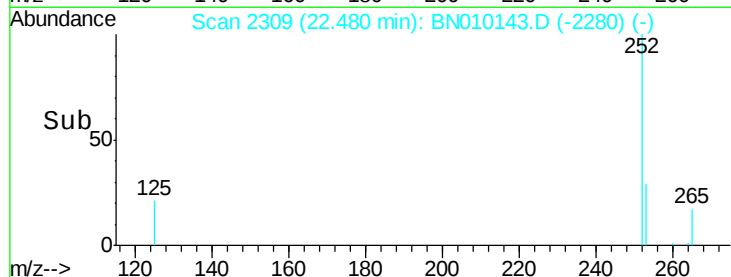
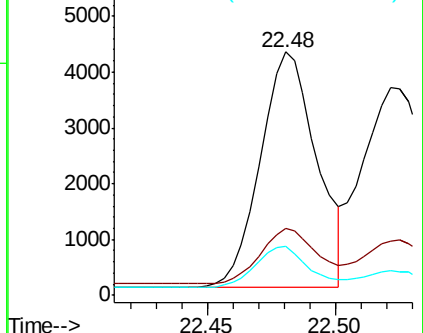
125 19.9 14.4 21.6



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



#36

Benzo(k)fluoranthene

Concen: 0.377 ng

RT: 22.52 min Scan# 2321

Delta R.T. -0.05 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

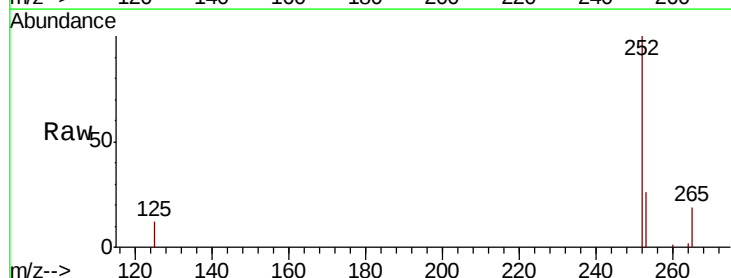
Tgt Ion:252 Resp: 7453

Ion Ratio Lower Upper

252 100

253 26.2 22.2 33.2

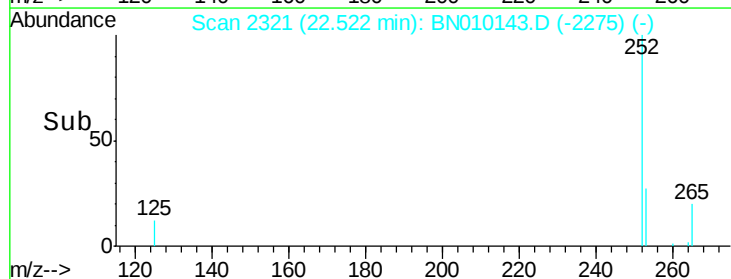
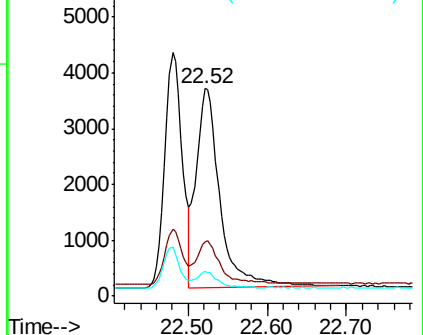
125 11.6 10.5 15.7

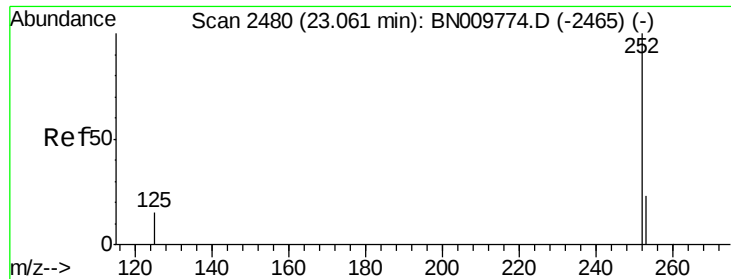


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.01 min Scan# 2464

Delta R.T. -0.05 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :

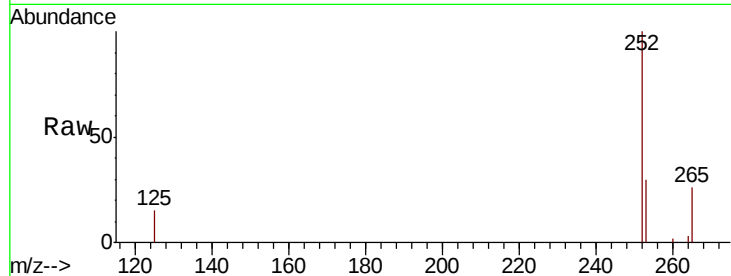
Tot Ion:252 Resp: 6241

Ion Ratio Lower Upper

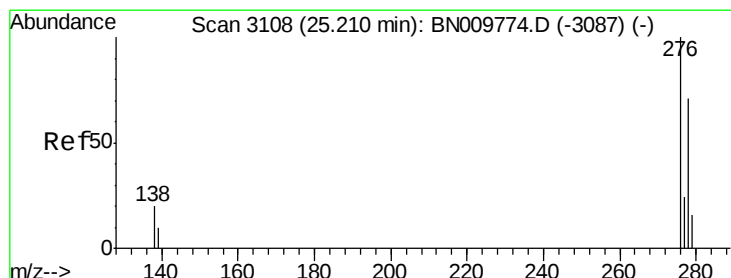
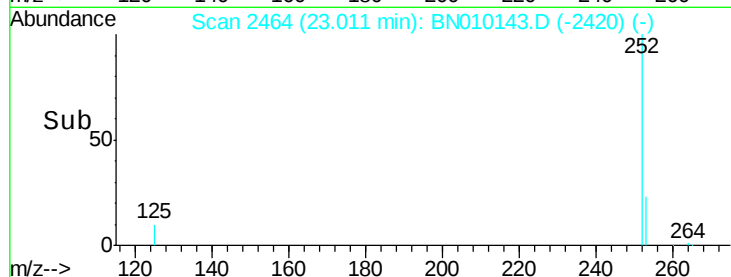
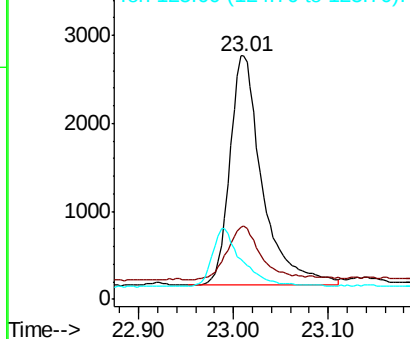
252 100

253 30.2 25.3 37.9

125 15.2 17.7 26.5#



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: 0.366 ng

RT: 25.13 min Scan# 3084

Delta R.T. -0.08 min

Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

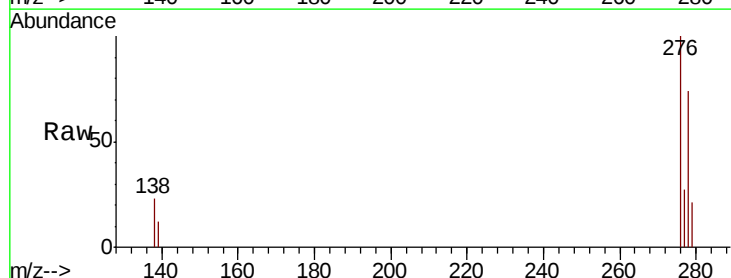
Tgt Ion:278 Resp: 5972

Ion Ratio Lower Upper

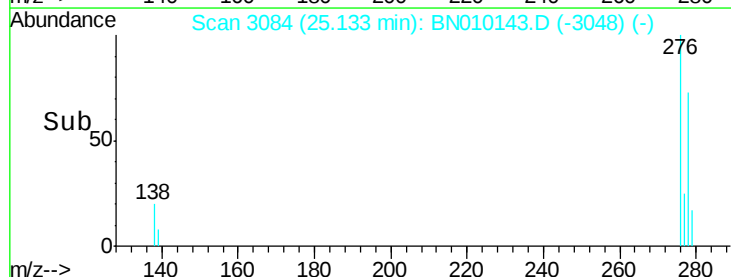
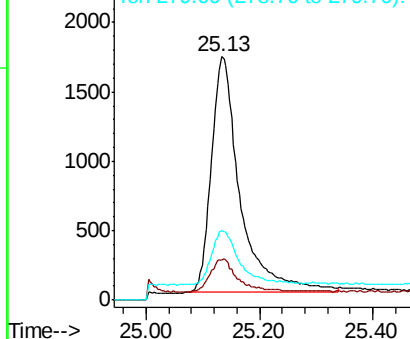
278 100

139 16.5 14.5 21.7

279 28.6 24.3 36.5



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





#39

Benzo(a,h,i)perylene

Concen: 0.372 ng

RT: 25.75 min Scan# 3263

Delta R.T. -0.08 min

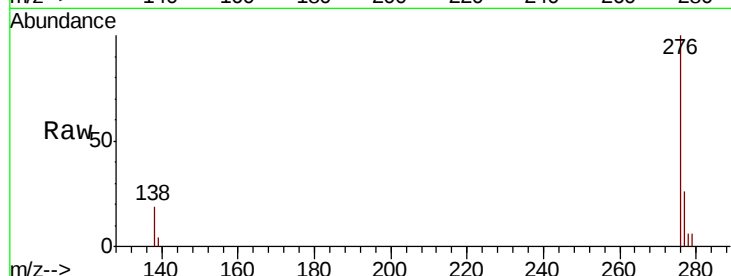
Lab File: BN010143.D

Acq: 09 Mar 2020 11:27

Instrument :

BNA_N

ClientSampleId :



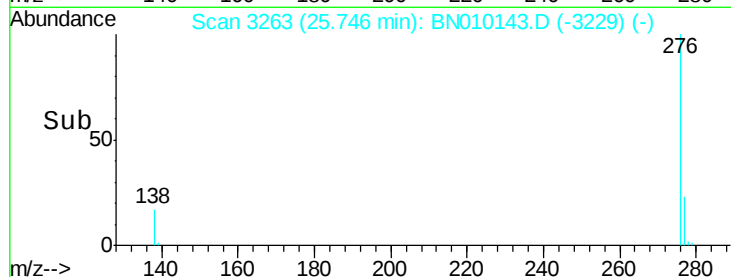
Tot Ion: 276 Resp: 6463

Ion Ratio Lower Upper

276 100

277 25.6 21.4 32.0

138 19.2 16.6 24.8



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

