

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010145.D
 Acq On : 09 Mar 2020 14:15
 Operator : CG/JU
 Sample : PB127320BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 16:57:33 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	7.38	152	667	0.40	ng	-0.04
7) Naphthalene-d8	10.14	136	2408	0.40	ng	-0.04
13) Acenaphthene-d10	14.01	164	1646	0.40	ng	-0.05
19) Phenanthrene-d10	16.78	188	3583	0.40	ng	-0.04
27) Chrysene-d12	21.00	240	3199	0.40	ng	-0.04
34) Perylene-d12	23.10	264	3431	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	566	0.38	ng	-0.03
5) Phenol-d6	6.64	99	634	0.35	ng	0.00
8) Nitrobenzene-d5	8.59	82	639	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	1867	0.40	ng	-0.04
14) 2,4,6-Tribromophenol	15.56	330	227	0.36	ng	-0.03
15) 2-Fluorobiphenyl	12.65	172	2237	0.36	ng	-0.04
25) Fluoranthene-d10	18.83	212	4443	0.36	ng	-0.03
29) Terphenyl-d14	19.44	244	2800	0.37	ng	-0.03

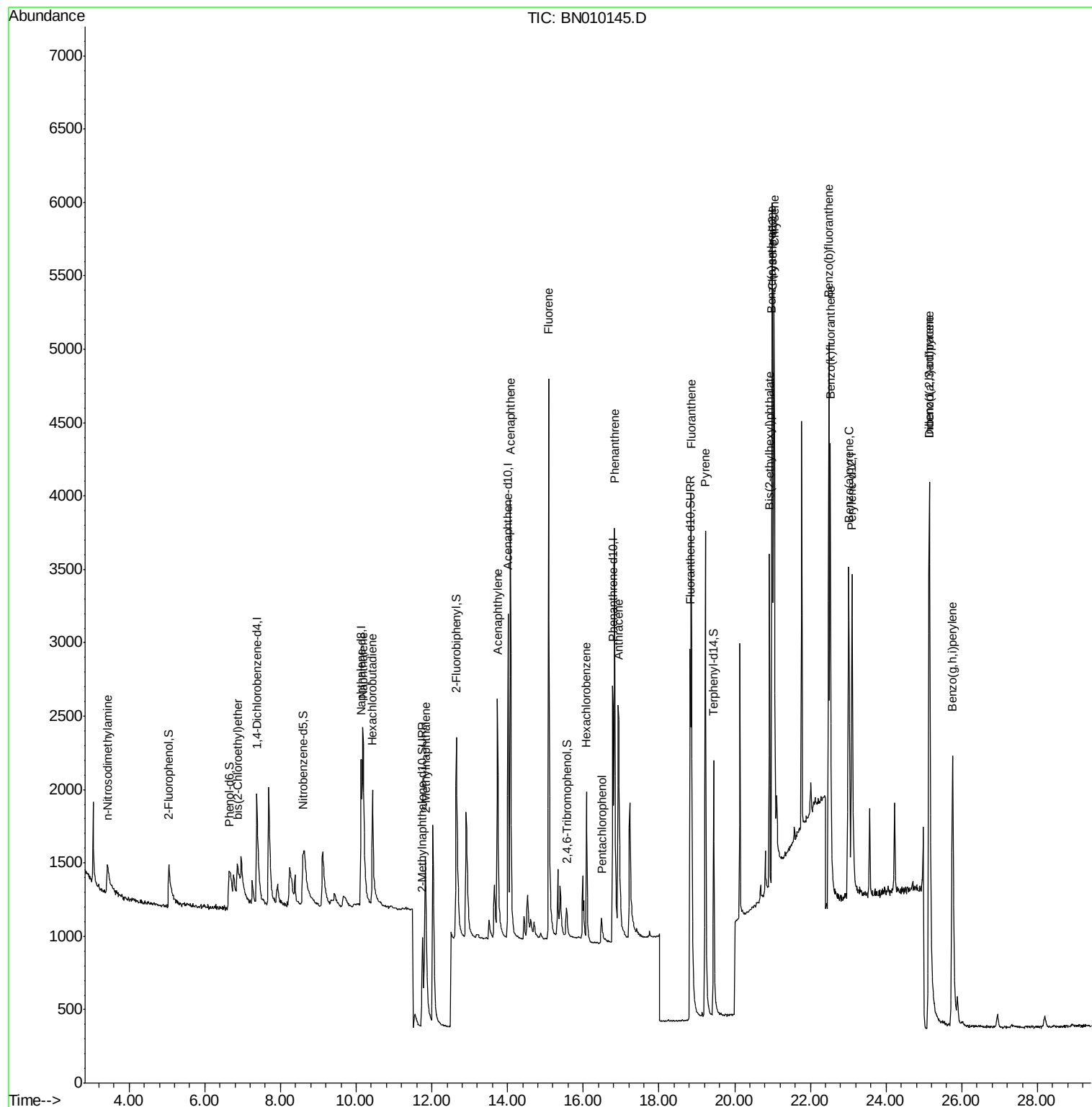
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.43	42	354	0.316	ng	# 97
6) bis(2-Chloroethyl)ether	6.86	93	515	0.294	ng	# 88
9) Naphthalene	10.19	128	2547	0.388	ng	95
10) Hexachlorobutadiene	10.43	225	612	0.424	ng	# 98
12) 2-Methylnaphthalene	11.83	142	1750	0.389	ng	96
16) Acenaphthylene	13.73	152	2587	0.369	ng	98
17) Acenaphthene	14.08	154	1865	0.378	ng	99
18) Fluorene	15.09	166	2389	0.367	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	254	Below Cal		91
21) Hexachlorobenzene	16.09	284	901	0.404	ng	98
22) Pentachlorophenol	16.48	266	193	0.437	ng	98
23) Phenanthrene	16.82	178	3802	0.357	ng	99
24) Anthracene	16.93	178	3148	0.349	ng	99
26) Fluoranthene	18.86	202	4484	0.351	ng	98
28) Pyrene	19.22	202	4602	0.379	ng	99
30) Benzo(a)anthracene	20.99	228	3668	0.346	ng	98
31) Chrysene	21.04	228	4526	0.369	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	1854	0.358	ng	100
33) Indeno(1,2,3-cd)pyrene	25.14	276	5182	0.405	ng	97
35) Benzo(b)fluoranthene	22.49	252	4415	0.352	ng	99
36) Benzo(k)fluoranthene	22.52	252	4906	0.359	ng	99
37) Benzo(a)pyrene	23.01	252	4296	0.375	ng	# 94
38) Dibenzo(a,h)anthracene	25.14	278	4105	0.364	ng	99
39) Benzo(g,h,i)perylene	25.76	276	4591	0.382	ng	98

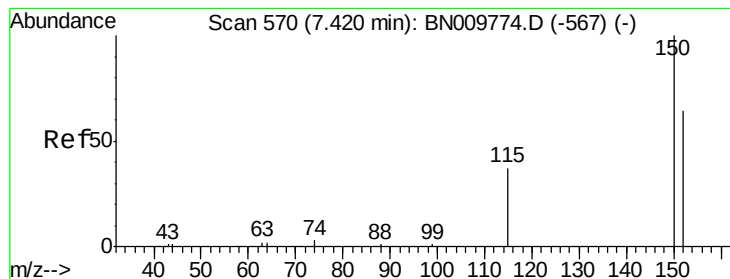
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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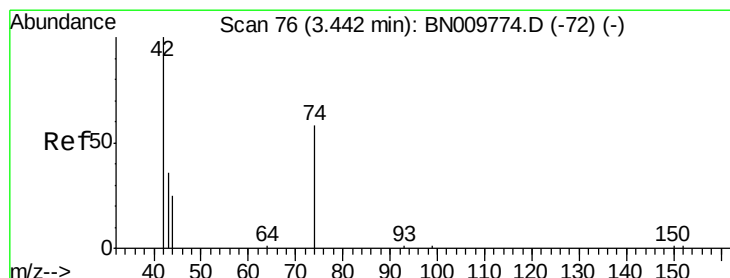
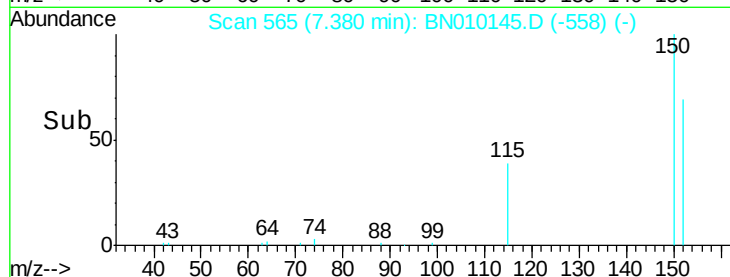
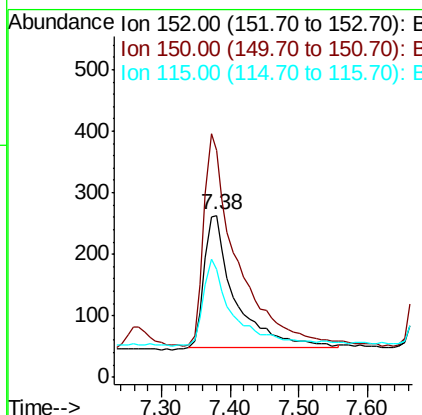
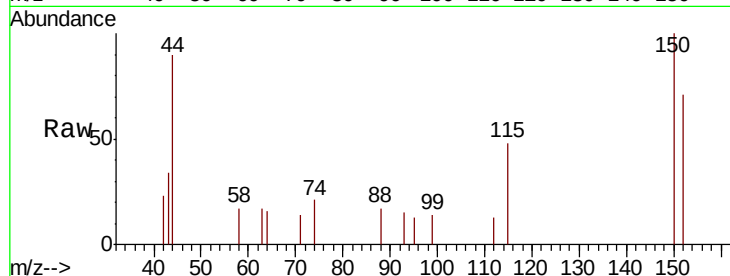


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampled :

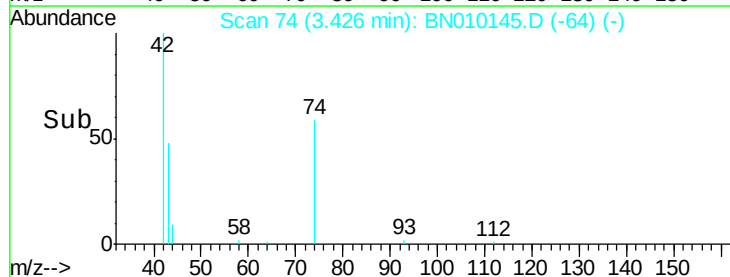
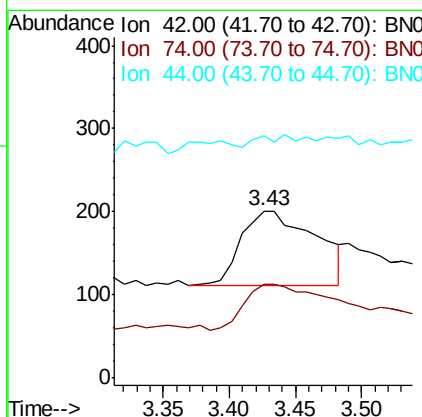
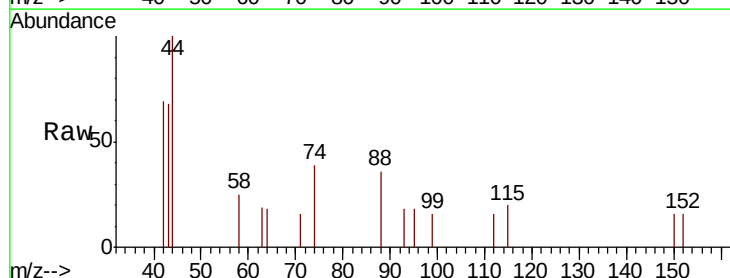
Tot Ion:152 Resp: 667
Ion Ratio Lower Upper
152 100
150 139.9 120.6 181.0
115 66.9 51.2 76.8

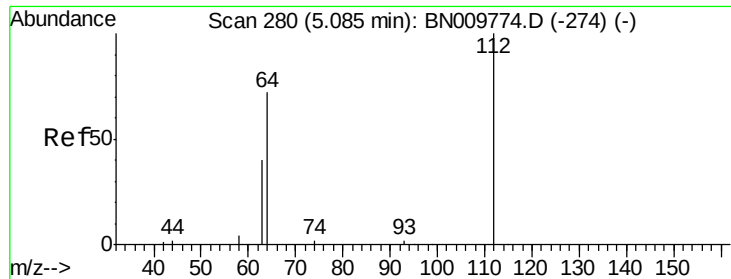


#3

n-Nitrosodimethylamine
Concen: 0.316 ng
RT: 3.43 min Scan# 74
Delta R.T. -0.02 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion: 42 Resp: 354
Ion Ratio Lower Upper
42 100
74 66.4 51.2 76.8
44 4.2 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.382 ng

RT: 5.05 min Scan# 276

Delta R.T. -0.03 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :

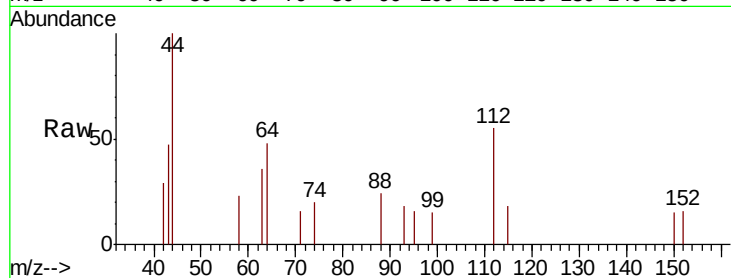
Tot Ion: 112 Resp: 566

Ion Ratio Lower Upper

112 100

64 81.6 65.8 98.6

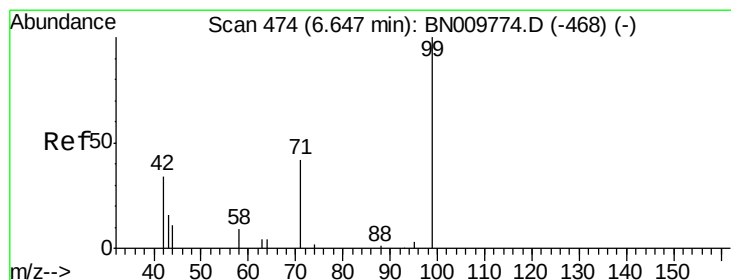
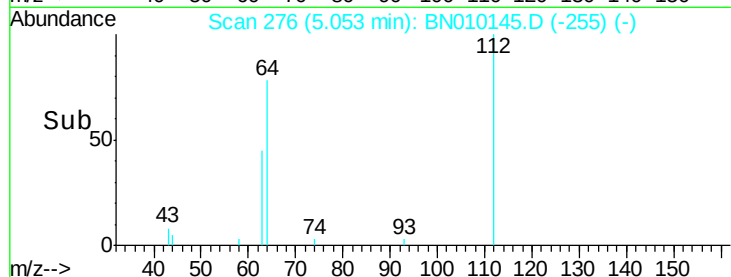
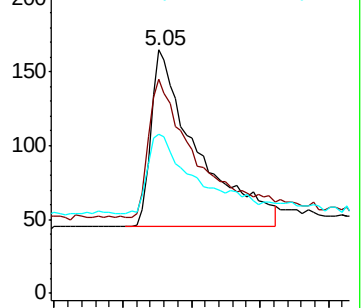
63 46.3 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.351 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

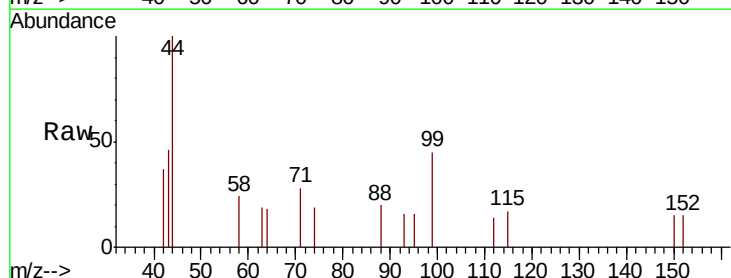
Tgt Ion: 99 Resp: 634

Ion Ratio Lower Upper

99 100

42 21.0 30.8 46.2#

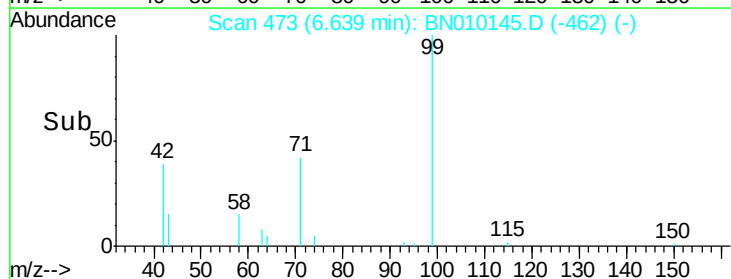
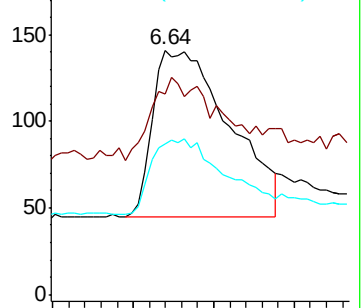
71 0.0 34.9 52.3#

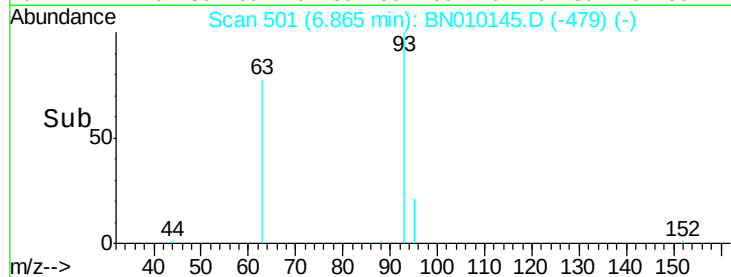
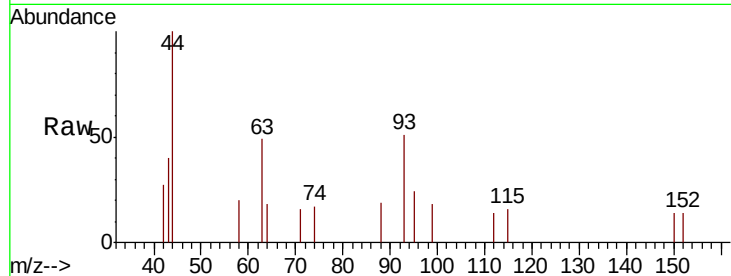
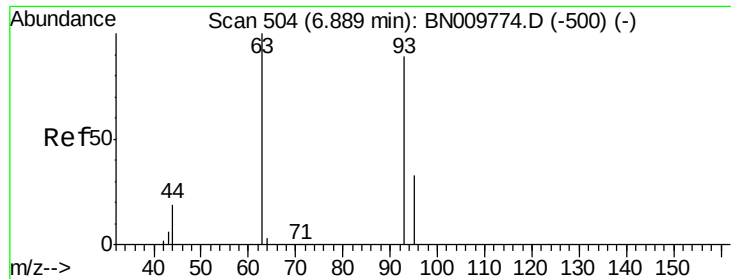


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.294 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.02 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :

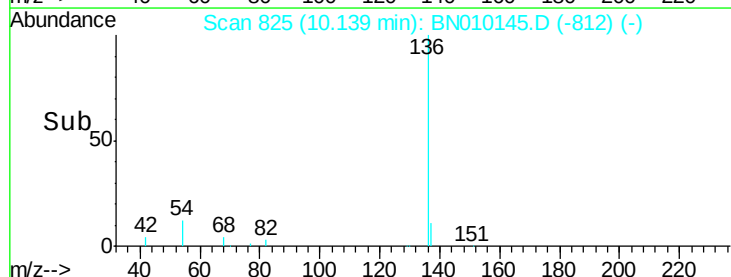
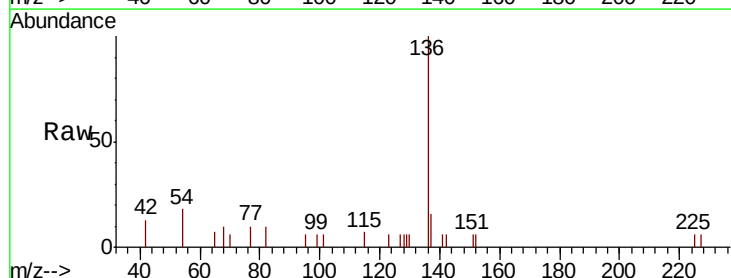
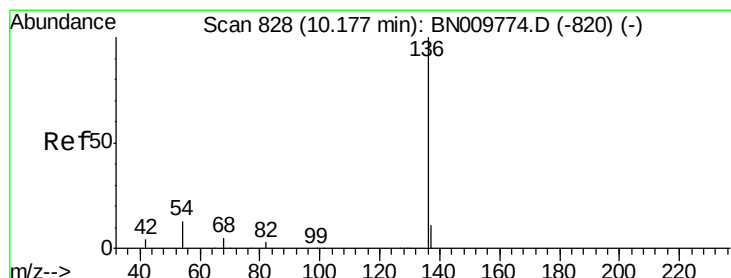
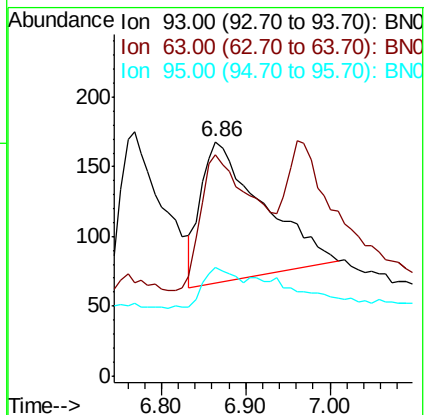
Tot Ion: 93 Resp: 515

Ion Ratio Lower Upper

93 100

63 87.4 74.0 111.0

95 16.7 26.7 40.1#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.04 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Tgt Ion: 136 Resp: 2408

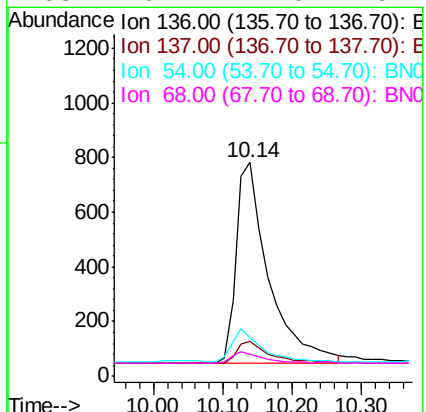
Ion Ratio Lower Upper

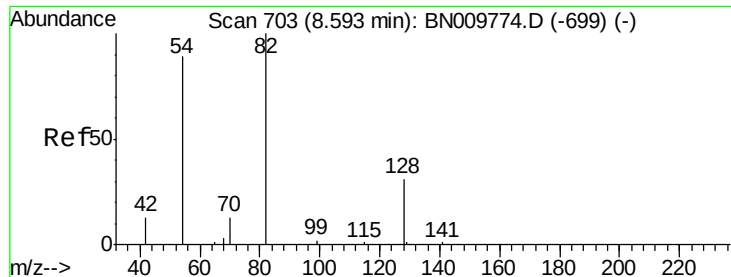
136 100

137 16.4 11.3 16.9

54 18.2 13.4 20.2

68 10.2 7.0 10.4

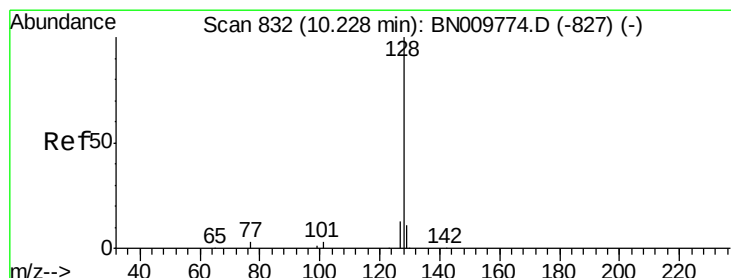
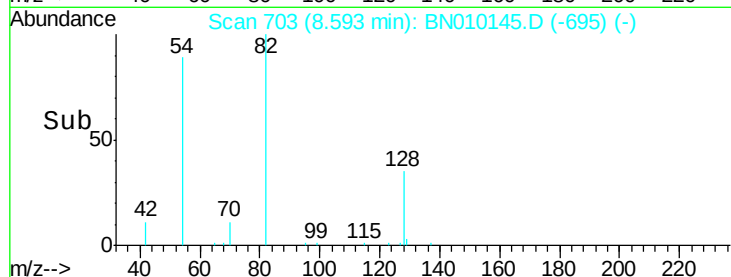
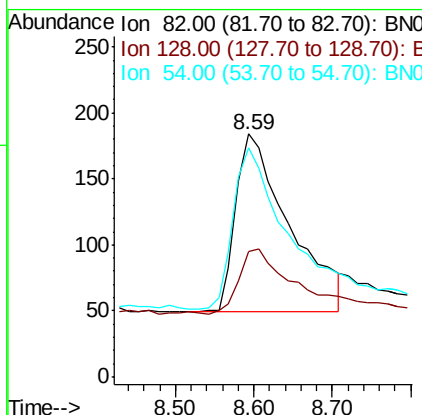
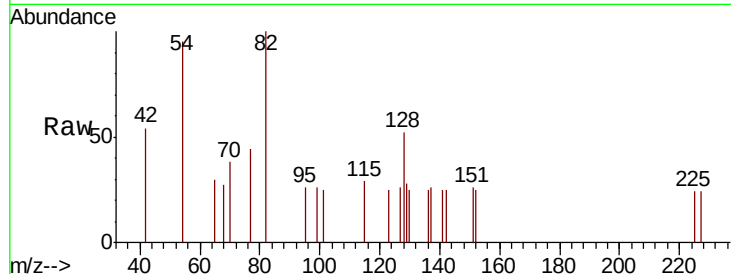




#8
 Nitrobenzene-d5
 Concen: 0.319 ng
 RT: 8.59 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BN010145.D
 Acq: 09 Mar 2020 14:15

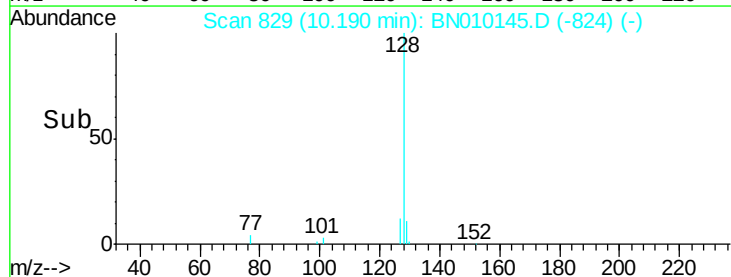
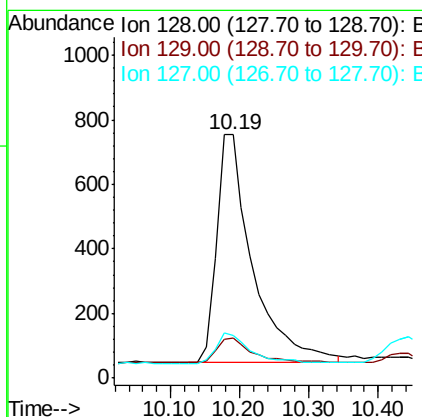
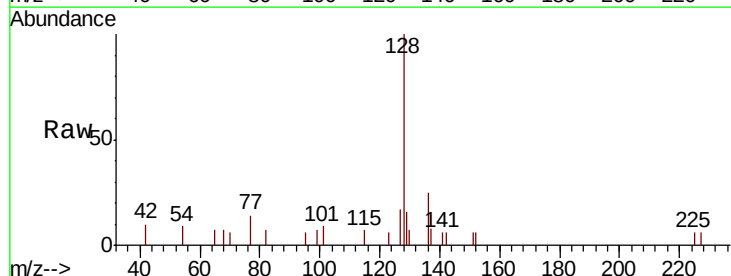
Instrument :
 BNA_N
 ClientSampleId :

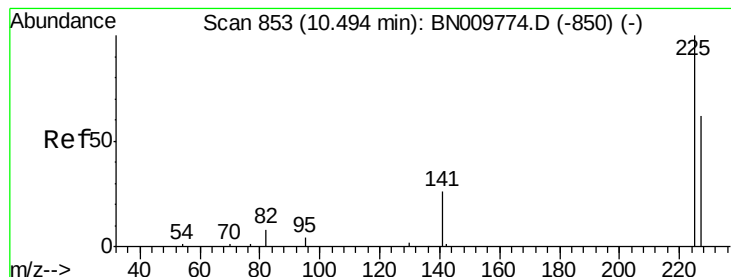
Tot Ion: 82 Resp: 639
 Ion Ratio Lower Upper
 82 100
 128 51.6 32.5 48.7#
 54 94.6 73.5 110.3



#9
 Naphthalene
 Concen: 0.388 ng
 RT: 10.19 min Scan# 829
 Delta R.T. -0.04 min
 Lab File: BN010145.D
 Acq: 09 Mar 2020 14:15

Tgt Ion: 128 Resp: 2547
 Ion Ratio Lower Upper
 128 100
 129 16.4 11.1 16.7
 127 17.4 12.6 19.0





#10

Hexachlorobutadiene

Concen: 0.424 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.06 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :

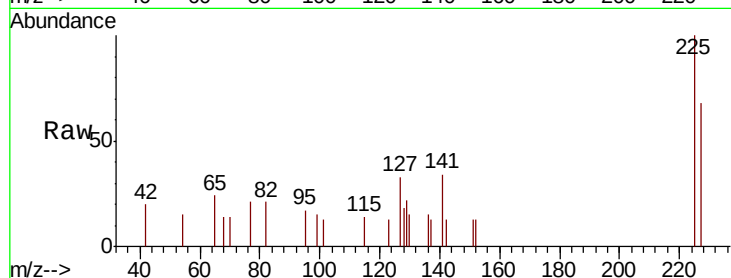
Tot Ion:225 Resp: 612

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

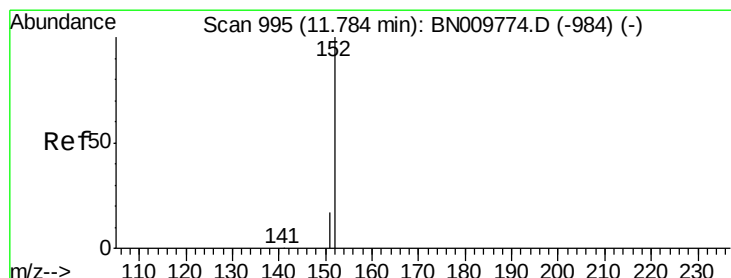
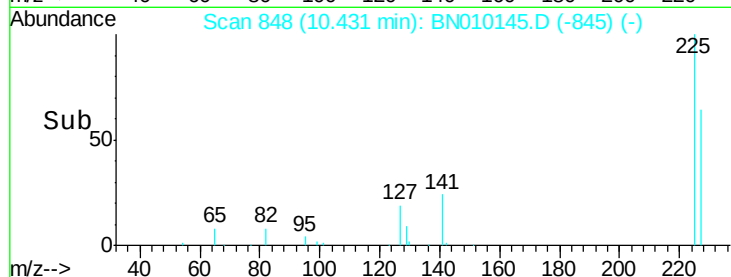
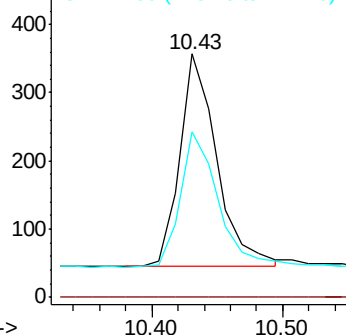
227 65.5 53.4 80.2



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: 0.401 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.04 min

Lab File: BN010145.D

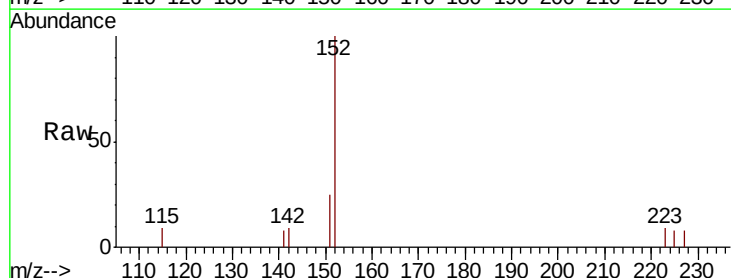
Acq: 09 Mar 2020 14:15

Tgt Ion:152 Resp: 1867

Ion Ratio Lower Upper

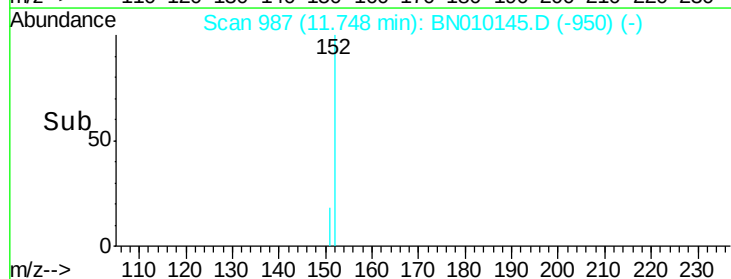
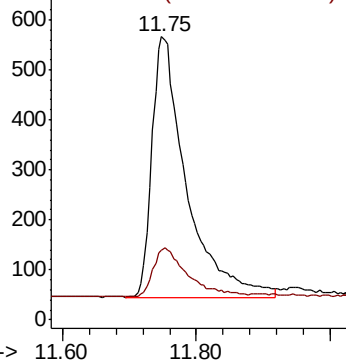
152 100

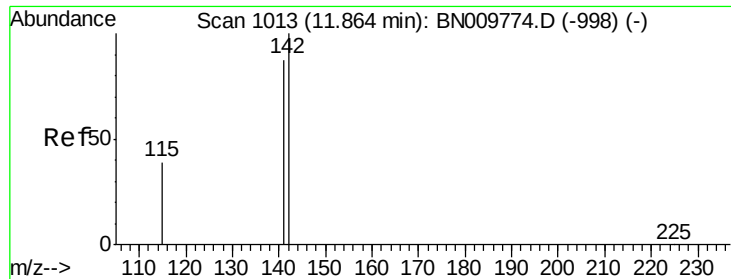
151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.04 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :

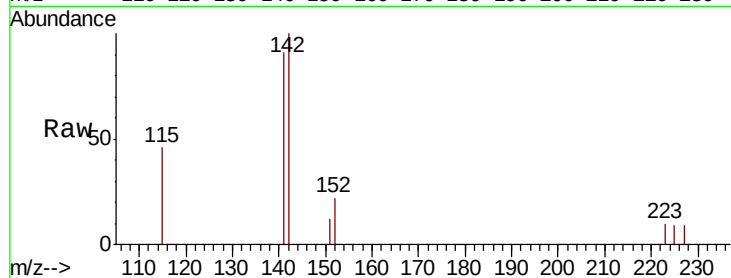
Tot Ion:142 Resp: 1750

Ion Ratio Lower Upper

142 100

141 91.2 69.8 104.6

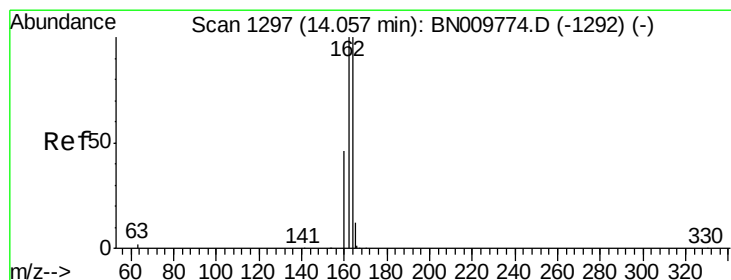
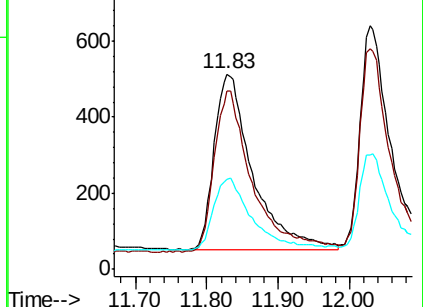
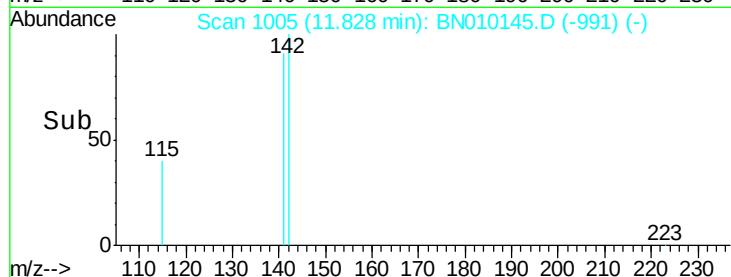
115 46.3 34.6 52.0



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: BN010145.D

Acq: 09 Mar 2020 14:15

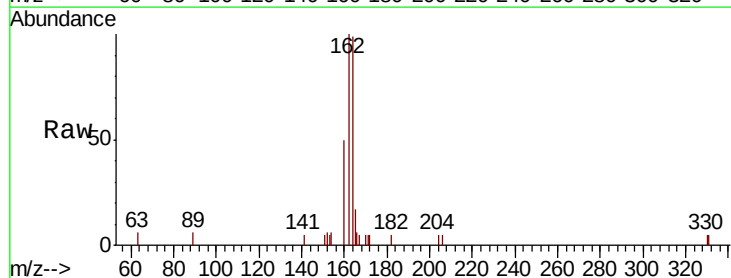
Tgt Ion:164 Resp: 1646

Ion Ratio Lower Upper

164 100

162 101.5 79.9 119.9

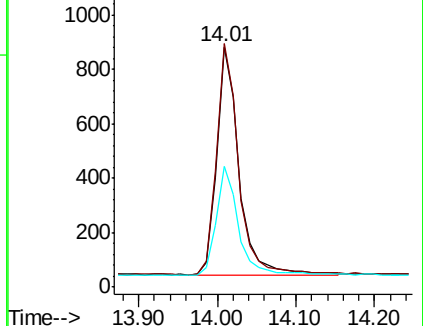
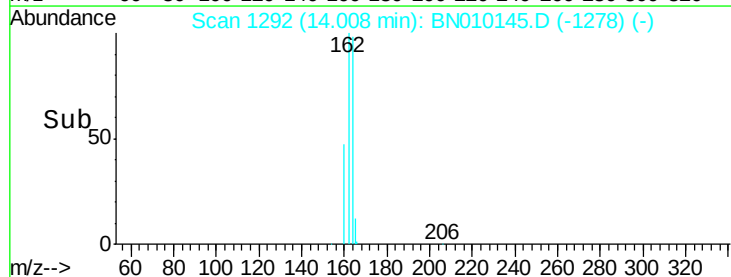
160 50.5 38.2 57.2

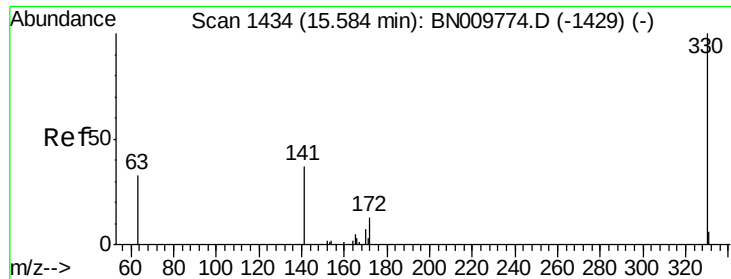


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

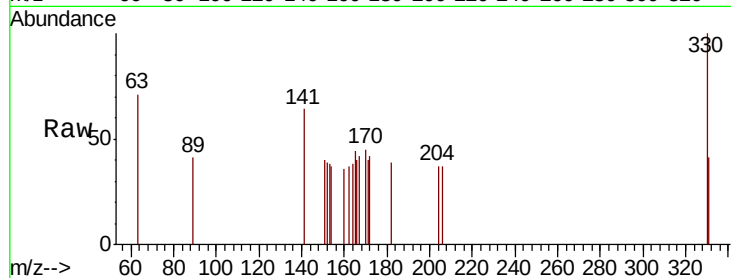




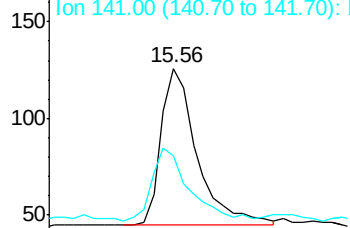
#14
 2,4,6-Tribromophenol
 Concen: 0.358 ng
 RT: 15.56 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BN010145.D
 Acq: 09 Mar 2020 14:15

Instrument :
 BNA_N
 ClientSampleId :

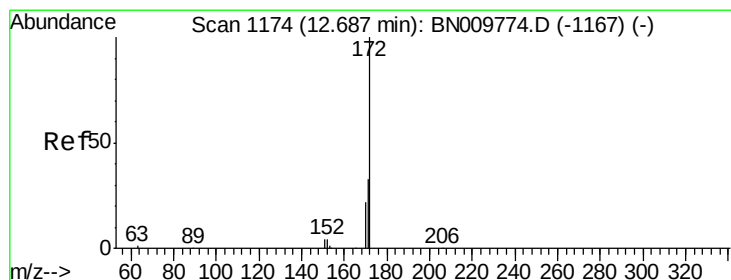
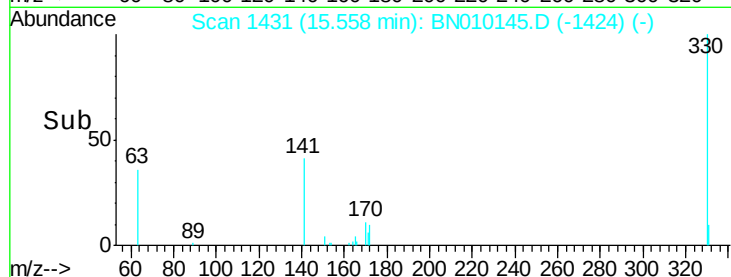
Tot Ion:330 Resp: 227
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 48.5 36.8 55.2



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

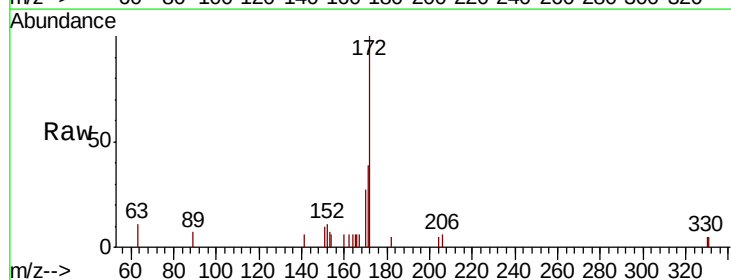


Time--> 15.50 15.60 15.70

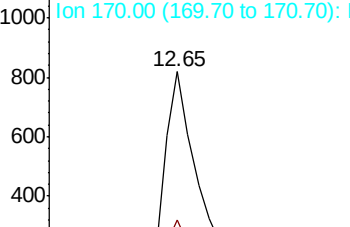


#15
 2-Fluorobiphenyl
 Concen: 0.360 ng
 RT: 12.65 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010145.D
 Acq: 09 Mar 2020 14:15

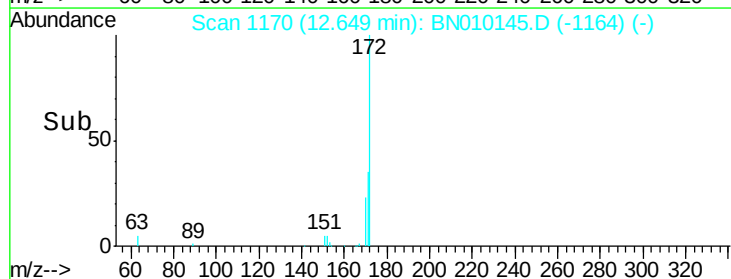
Tgt Ion:172 Resp: 2237
 Ion Ratio Lower Upper
 172 100
 171 38.8 28.7 43.1
 170 27.5 20.1 30.1

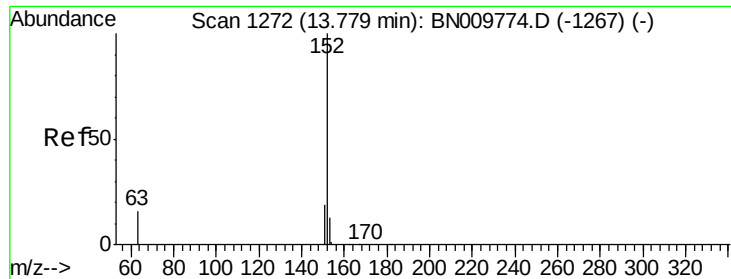


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 12.60 12.70 12.80





#16

Acenaphthylene

Concen: 0.369 ng

RT: 13.73 min Scan# 1267

Delta R.T. -0.05 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :

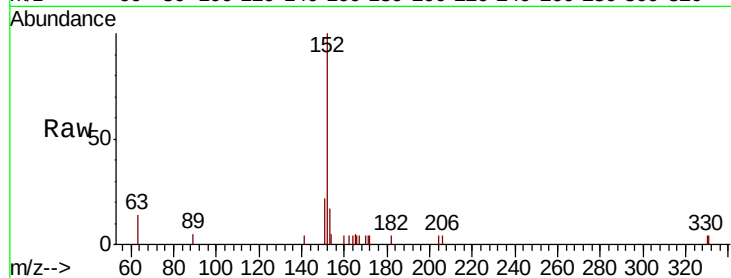
Tot Ion:152 Resp: 2587

Ion Ratio Lower Upper

152 100

151 18.6 15.8 23.6

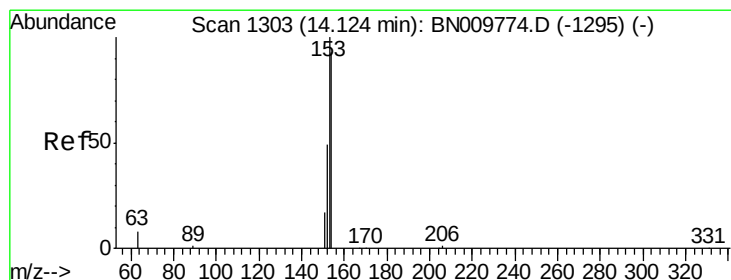
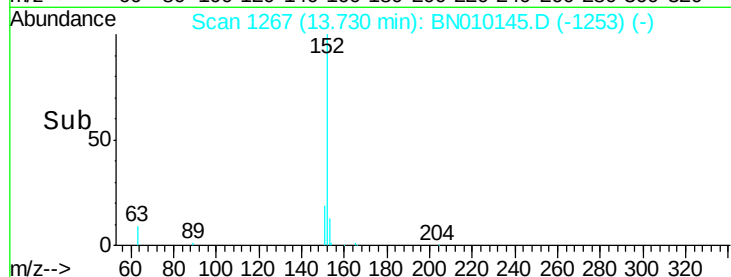
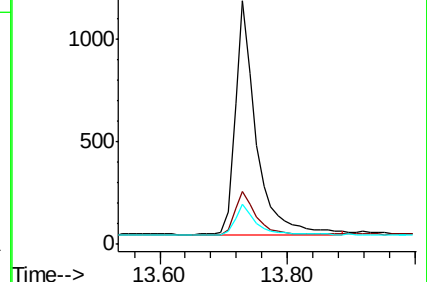
153 12.5 10.2 15.4



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: 0.378 ng

RT: 14.08 min Scan# 1298

Delta R.T. -0.05 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

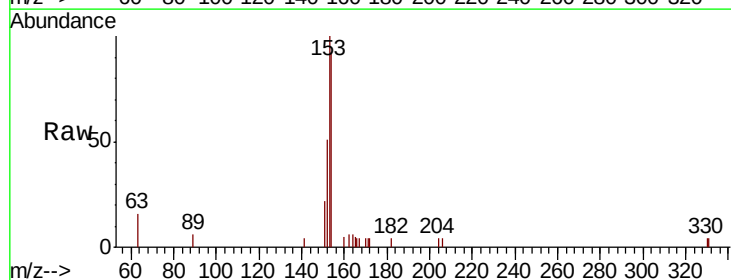
Tgt Ion:154 Resp: 1865

Ion Ratio Lower Upper

154 100

153 112.1 88.9 133.3

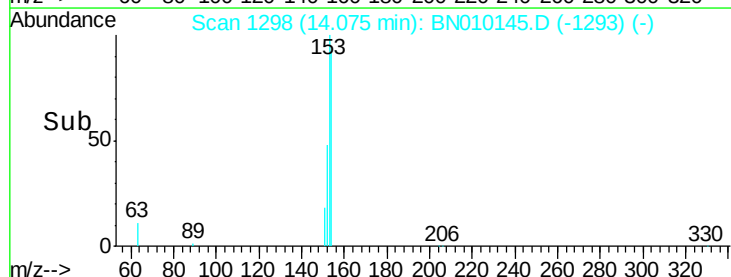
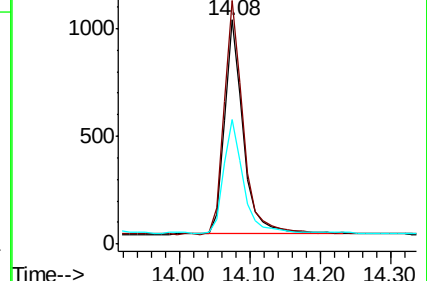
152 55.4 44.2 66.2

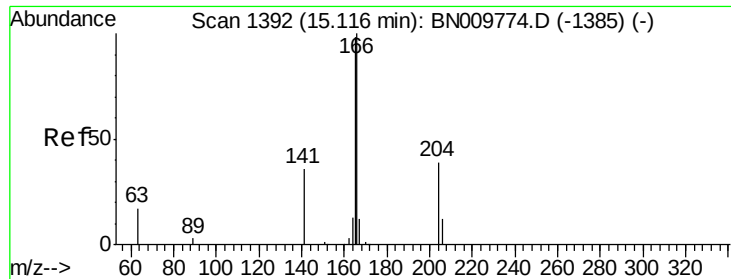


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.367 ng

RT: 15.09 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampled :

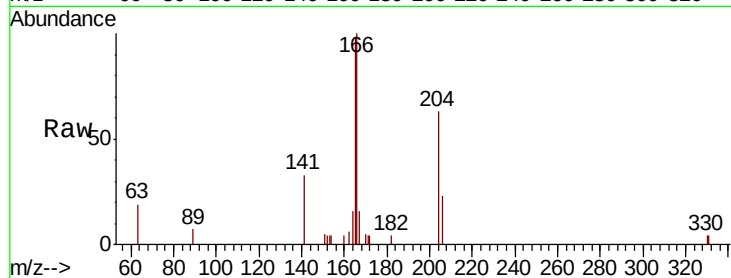
Tot Ion:166 Resp: 2389

Ion Ratio Lower Upper

166 100

165 96.6 77.2 115.8

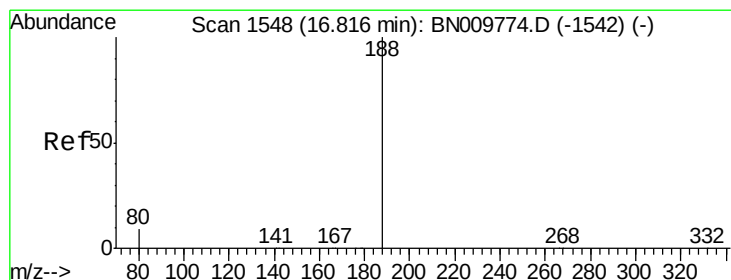
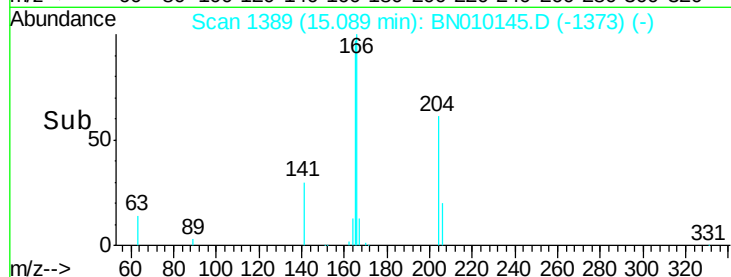
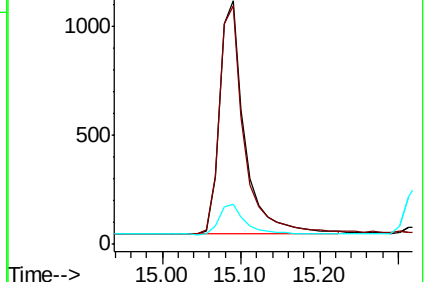
167 13.9 10.5 15.7



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: BN010145.D

Acq: 09 Mar 2020 14:15

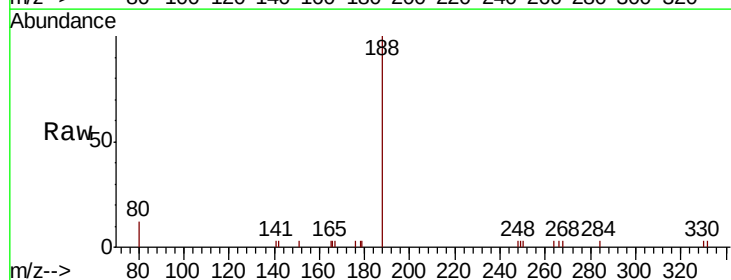
Tgt Ion:188 Resp: 3583

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

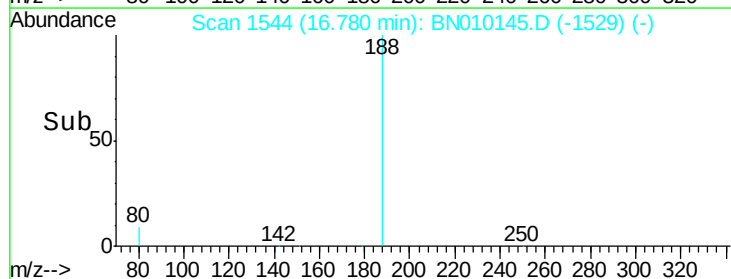
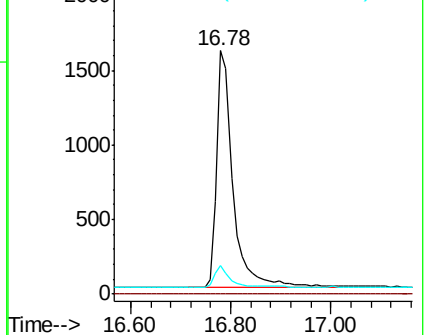
80 11.9 8.3 12.5

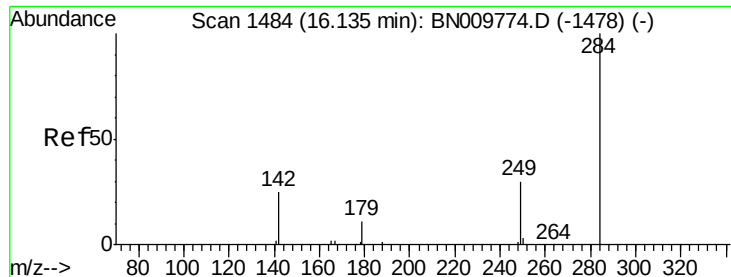


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

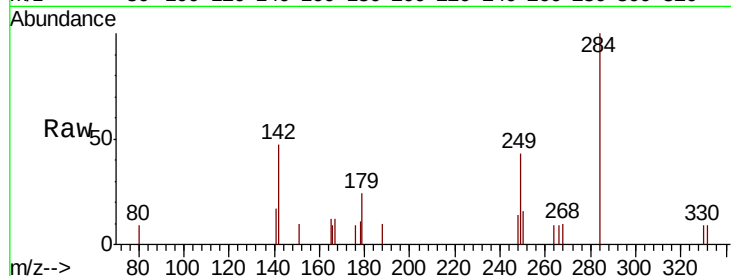




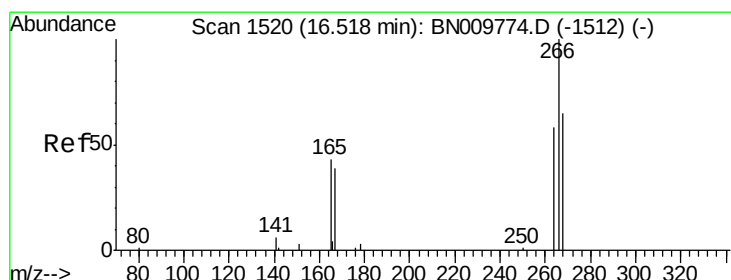
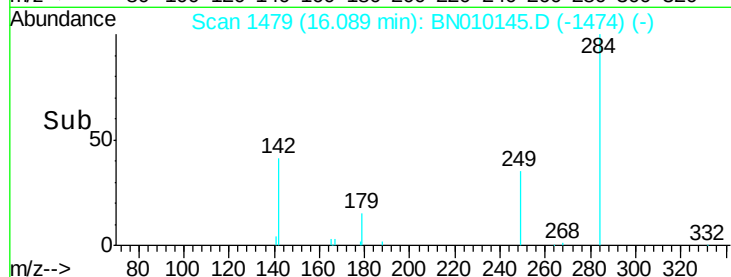
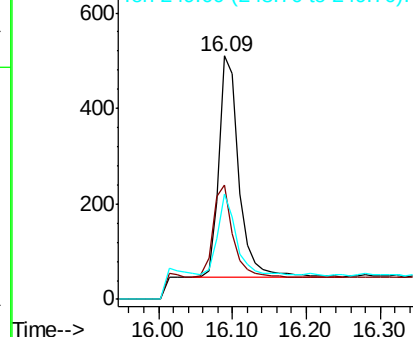
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.09 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.7	33.3	49.9
249	32.7	25.7	38.5

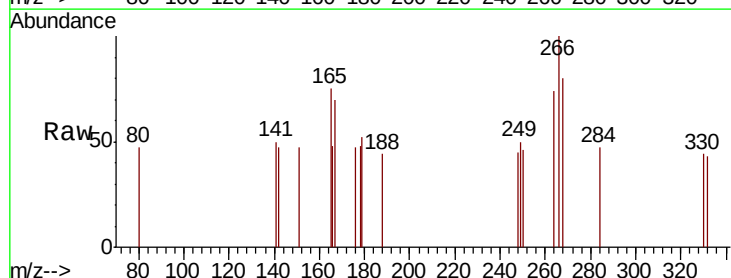


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

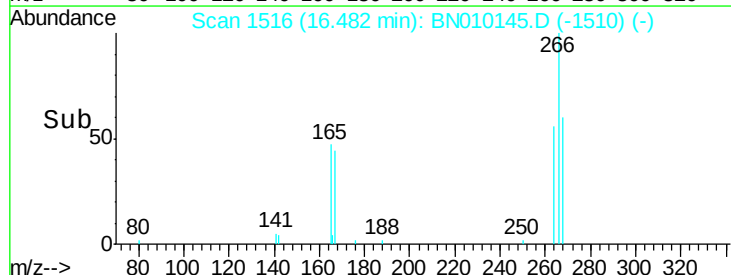
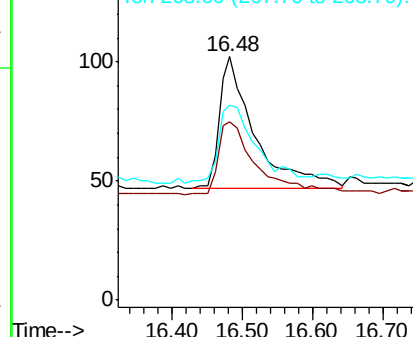


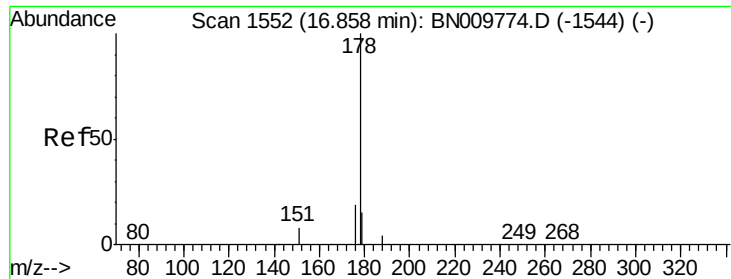
#22
Pentachlorophenol
Concen: 0.437 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion	Ratio	Lower	Upper
266	100		
264	73.5	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

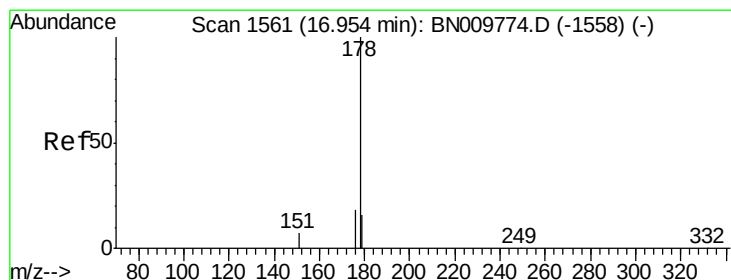
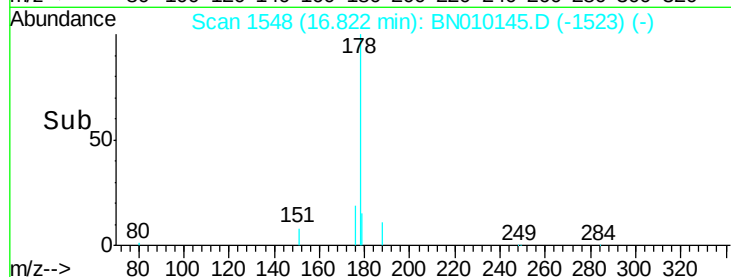
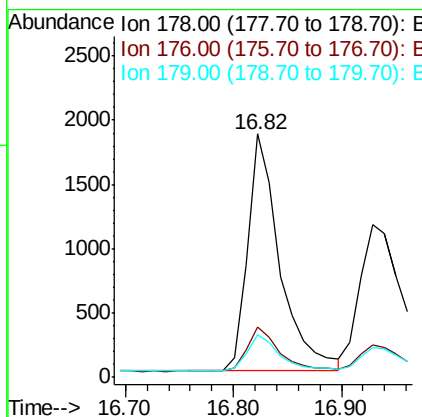
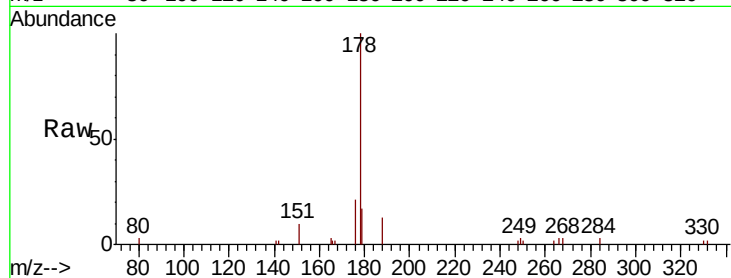




#23
Phenanthrene
Concen: 0.357 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

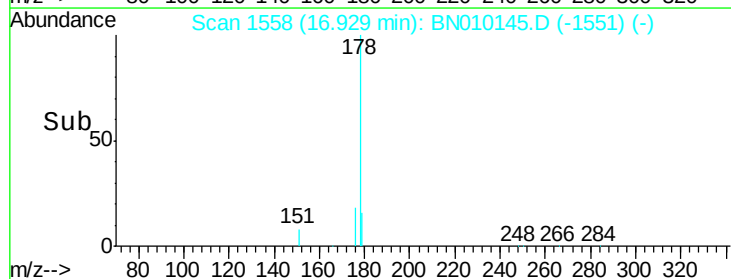
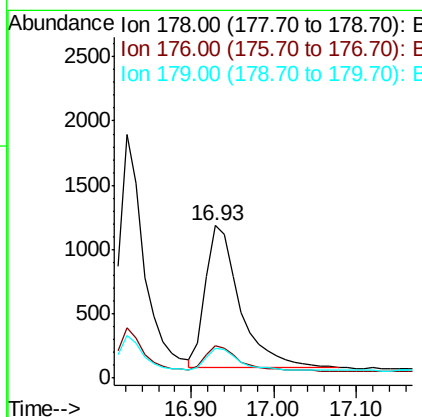
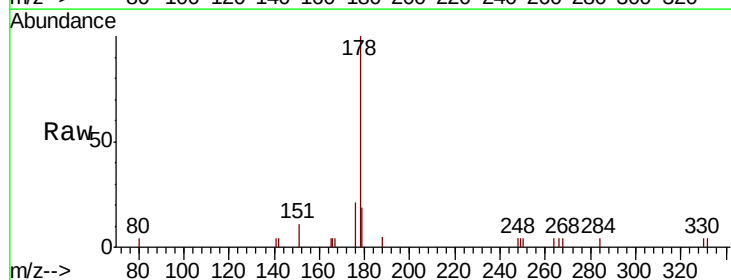
Instrument :
BNA_N
ClientSampled :

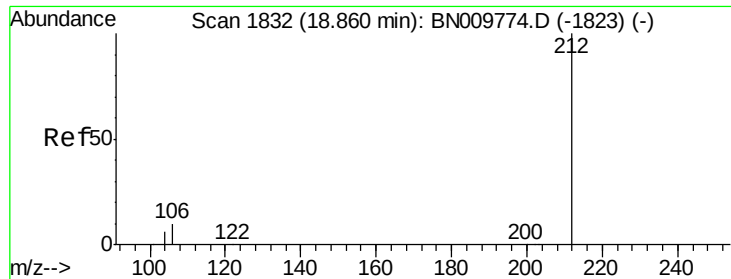
Tot Ion:178 Resp: 3802
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.4 12.4 18.6



#24
Anthracene
Concen: 0.349 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.03 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion:178 Resp: 3148
Ion Ratio Lower Upper
178 100
176 17.9 14.3 21.5
179 15.1 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 18.83 min Scan# 1824

Delta R.T. -0.03 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :

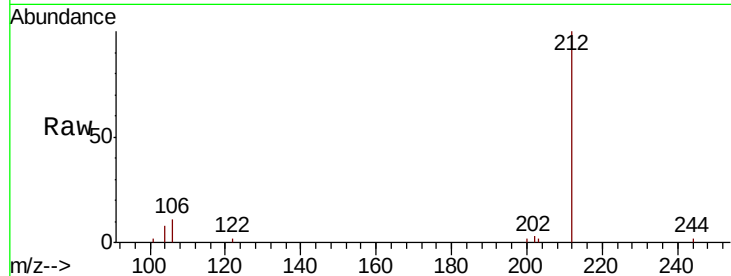
Tot Ion:212 Resp: 4443

Ion Ratio Lower Upper

212 100

106 9.5 8.4 12.6

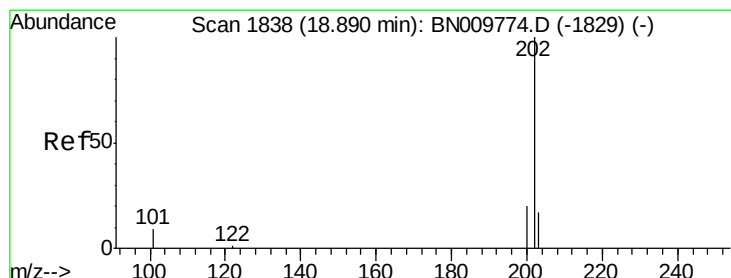
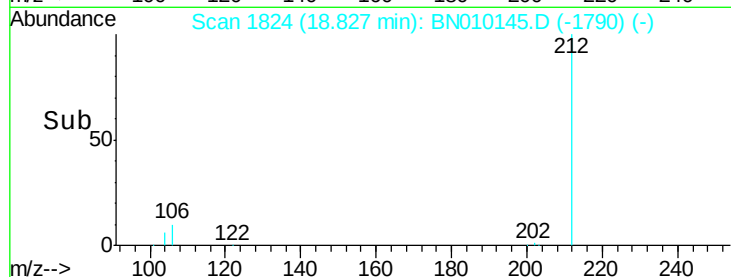
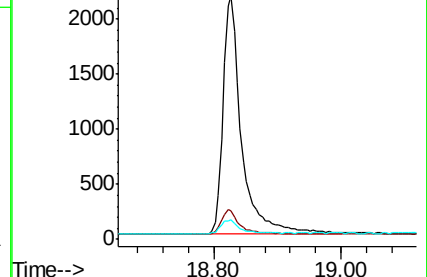
104 5.6 4.8 7.2



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: 0.351 ng

RT: 18.86 min Scan# 1830

Delta R.T. -0.03 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

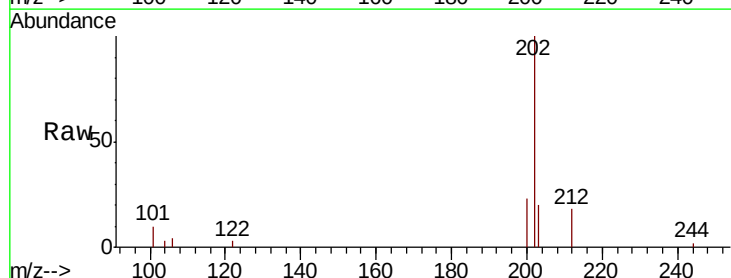
Tgt Ion:202 Resp: 4484

Ion Ratio Lower Upper

202 100

101 8.1 7.1 10.7

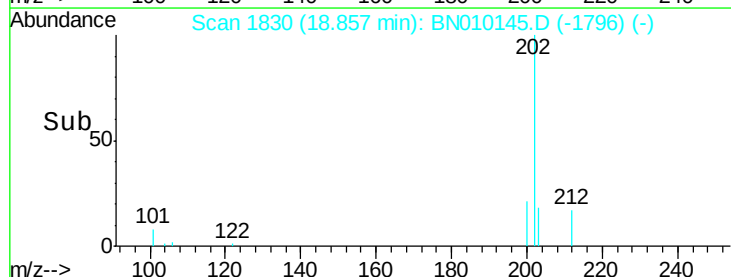
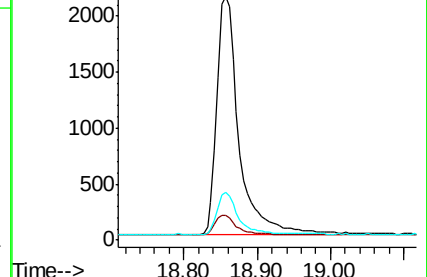
203 16.5 13.8 20.6

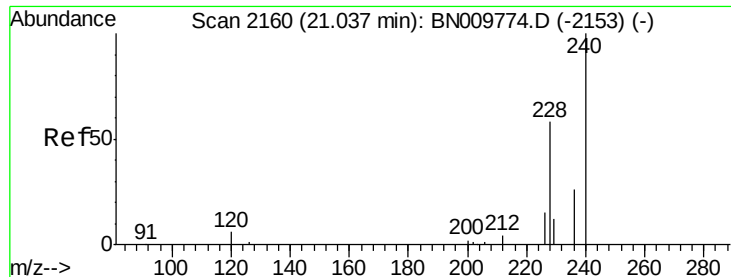


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

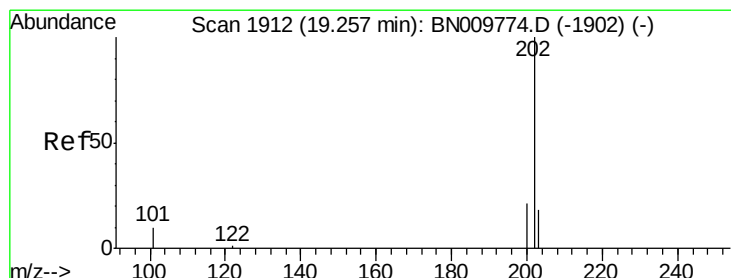
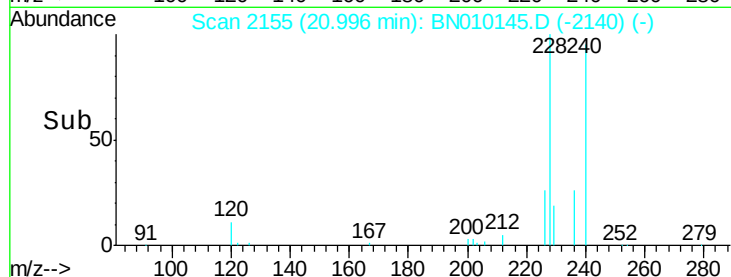
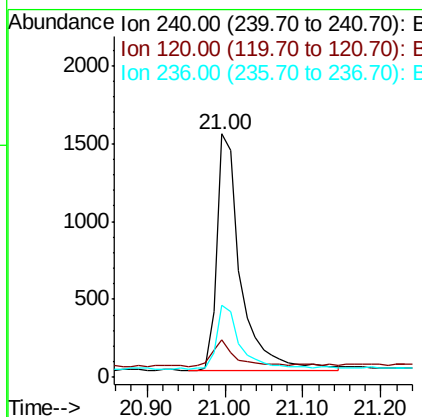
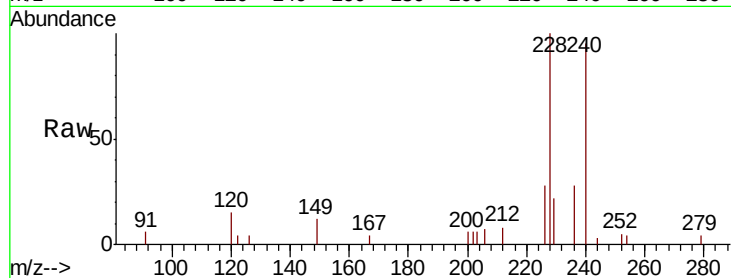




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.00 min Scan# 2155
 Delta R.T. -0.04 min
 Lab File: BN010145.D
 Acq: 09 Mar 2020 14:15

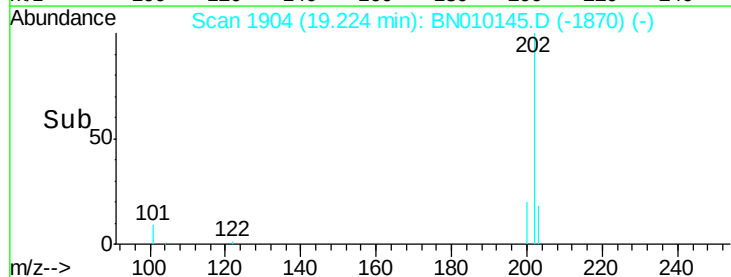
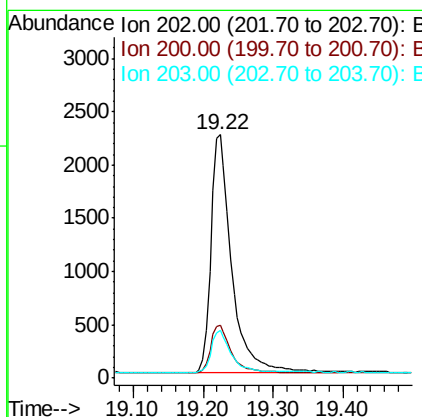
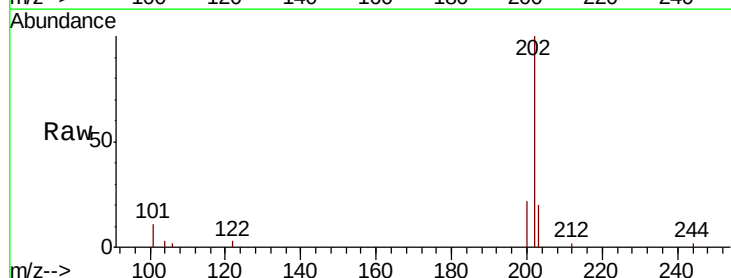
Instrument :
 BNA_N
 ClientSampleId :

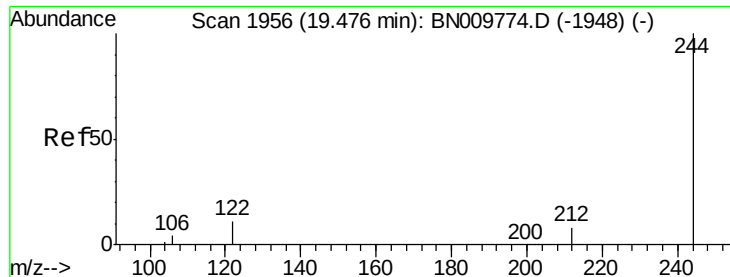
Tot Ion:240 Resp: 3199
 Ion Ratio Lower Upper
 240 100
 120 15.4 7.9 11.9#
 236 29.6 22.0 33.0



#28
 Pyrene
 Concen: 0.379 ng
 RT: 19.22 min Scan# 1904
 Delta R.T. -0.03 min
 Lab File: BN010145.D
 Acq: 09 Mar 2020 14:15

Tgt Ion:202 Resp: 4602
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.4 24.6
 203 17.2 13.9 20.9





#29

Terphenyl-d14

Concen: 0.366 ng

RT: 19.44 min Scan# 1948

Delta R.T. -0.03 min

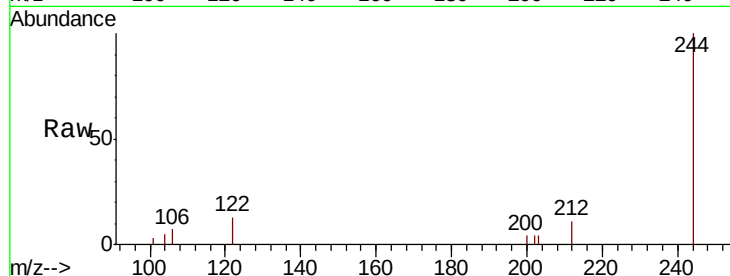
Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :



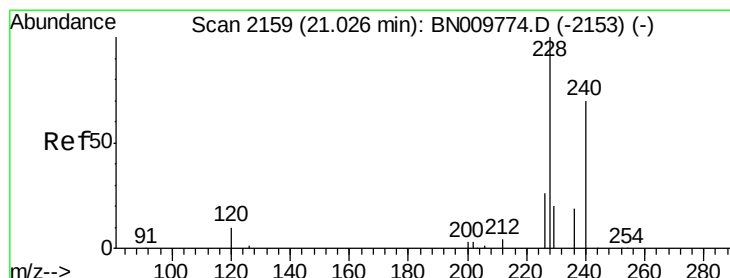
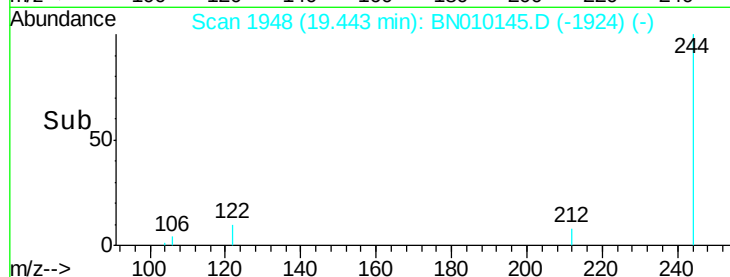
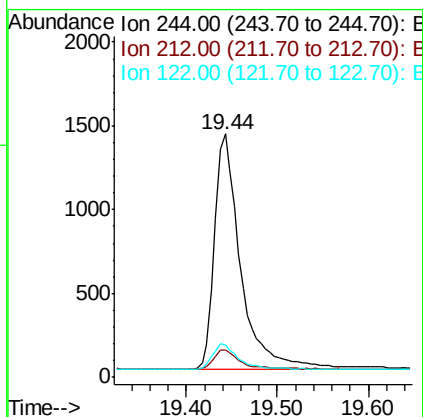
Tot Ion:244 Resp: 2800

Ion Ratio Lower Upper

244 100

212 11.3 8.0 12.0

122 13.3 10.0 15.0



#30

Benzo(a)anthracene

Concen: 0.346 ng

RT: 20.99 min Scan# 2154

Delta R.T. -0.04 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

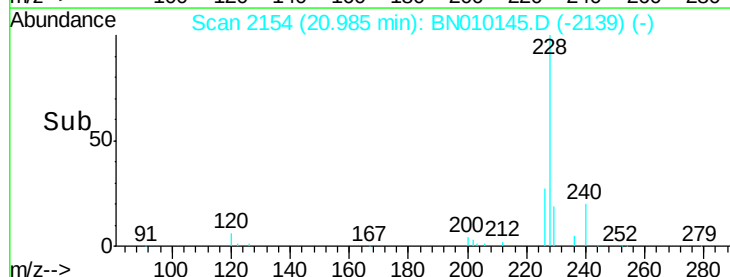
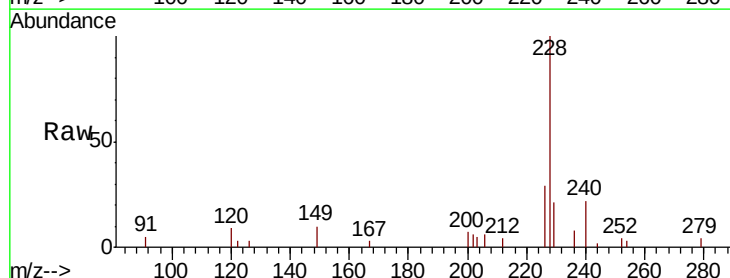
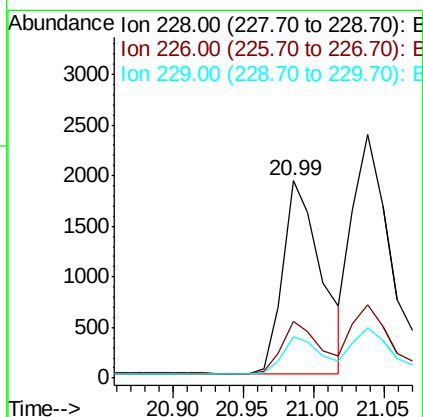
Tgt Ion:228 Resp: 3668

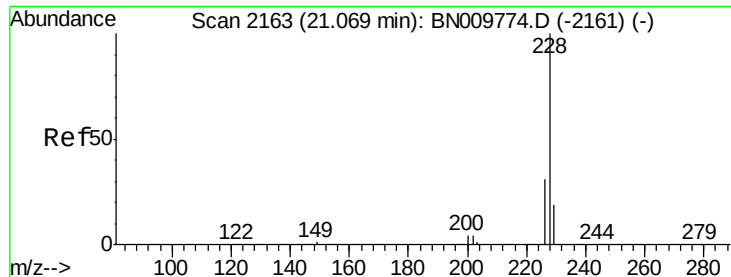
Ion Ratio Lower Upper

228 100

226 28.5 21.8 32.8

229 21.1 17.1 25.7





#31

Chrysene

Concen: 0.369 ng

RT: 21.04 min Scan# 2159

Delta R.T. -0.03 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :

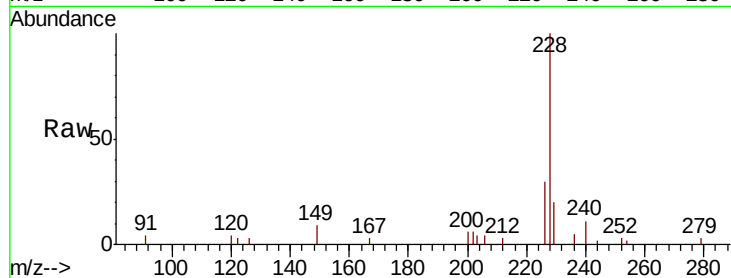
Tot Ion:228 Resp: 4526

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

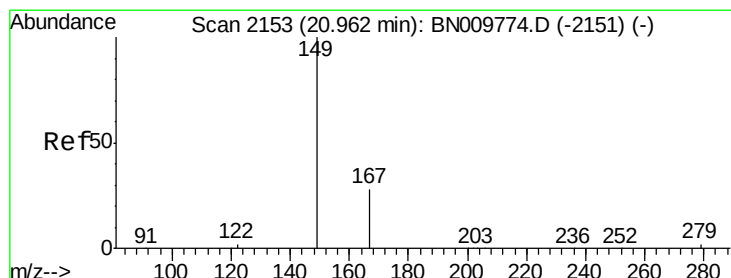
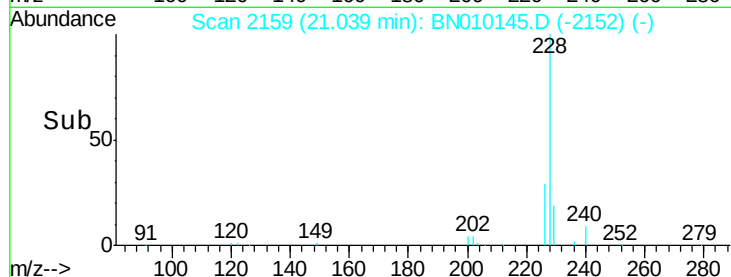
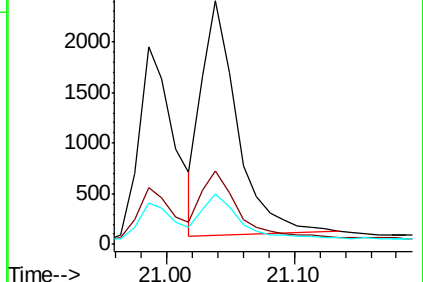
229 20.5 16.4 24.6



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: BN010145.D

Acq: 09 Mar 2020 14:15

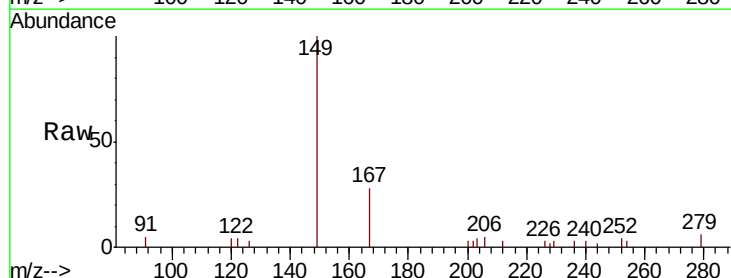
Tgt Ion:149 Resp: 1854

Ion Ratio Lower Upper

149 100

167 28.4 22.7 34.1

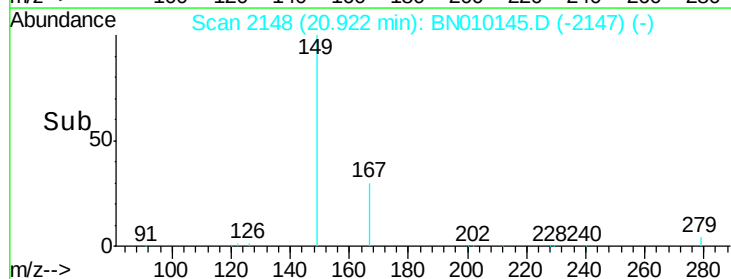
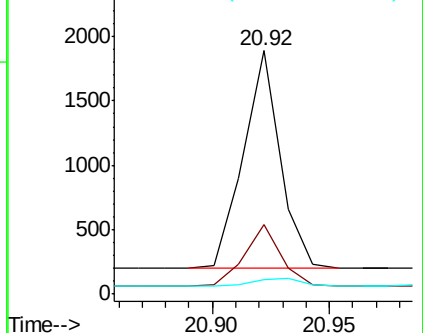
279 4.3 3.1 4.7

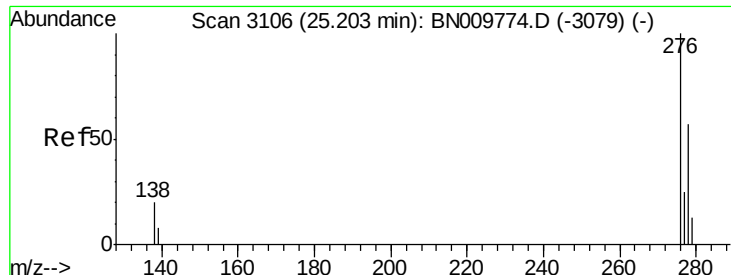


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

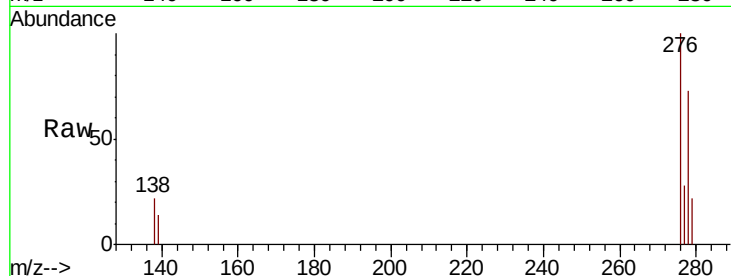




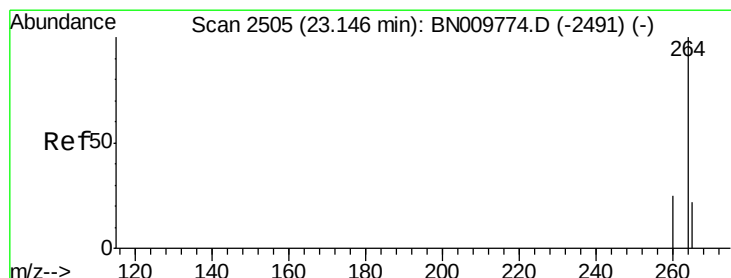
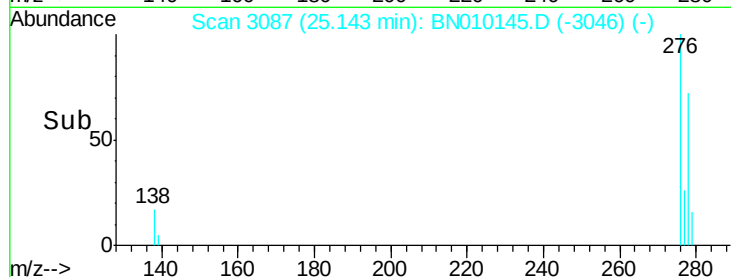
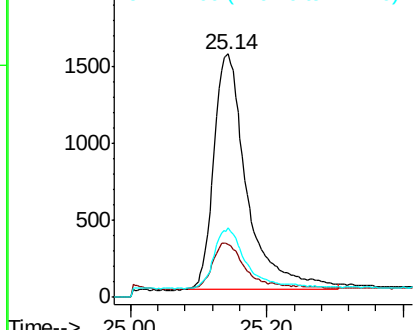
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.405 ng
 RT: 25.14 min Scan# 3087
 Delta R.T. -0.06 min
 Lab File: BN010145.D
 Acq: 09 Mar 2020 14:15

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 5182
 Ion Ratio Lower Upper
 276 100
 138 18.3 15.8 23.6
 277 23.0 19.3 28.9

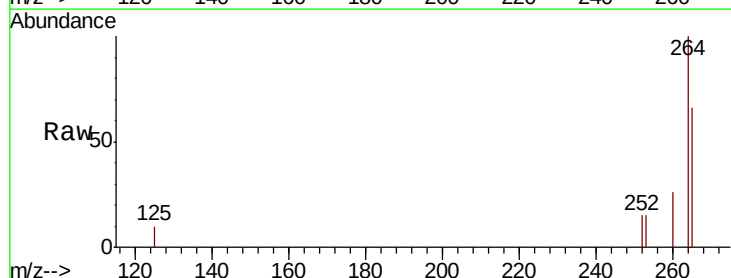


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

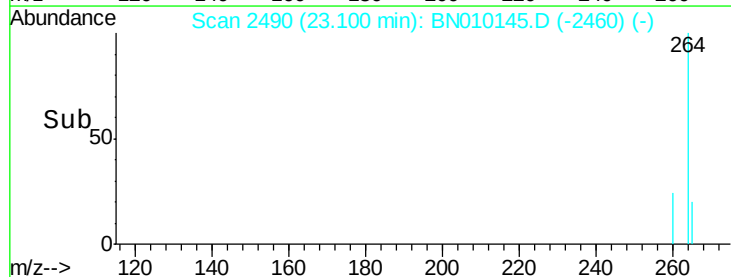
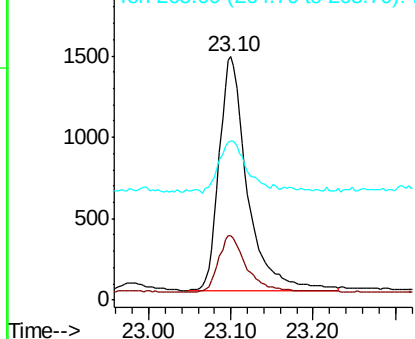


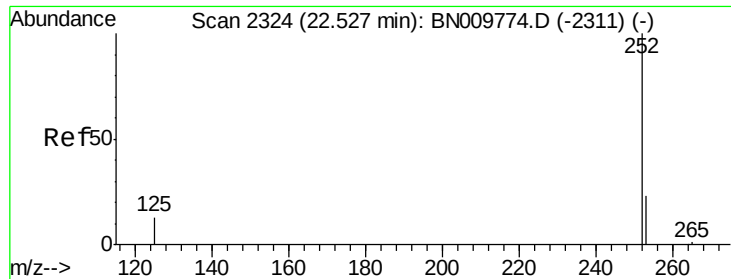
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2490
 Delta R.T. -0.05 min
 Lab File: BN010145.D
 Acq: 09 Mar 2020 14:15

Tgt Ion:264 Resp: 3431
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.1 31.7
 265 65.6 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

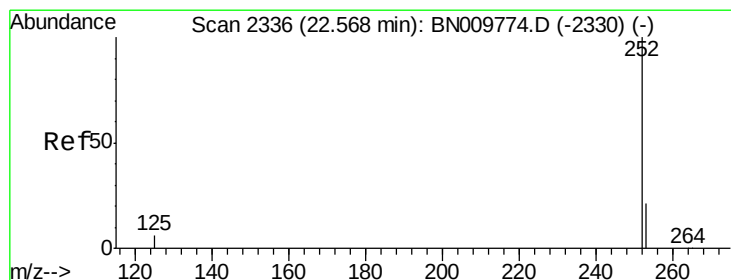
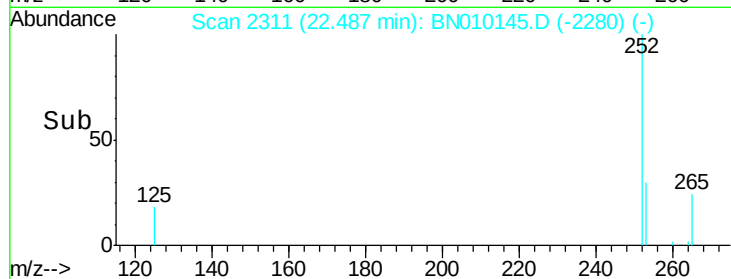
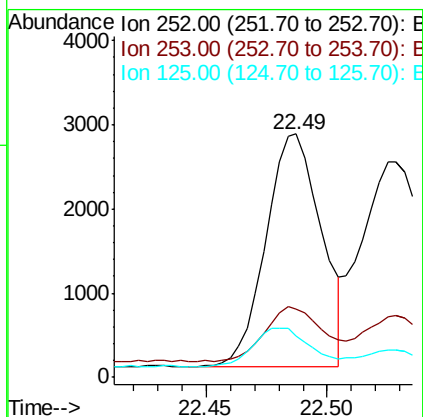
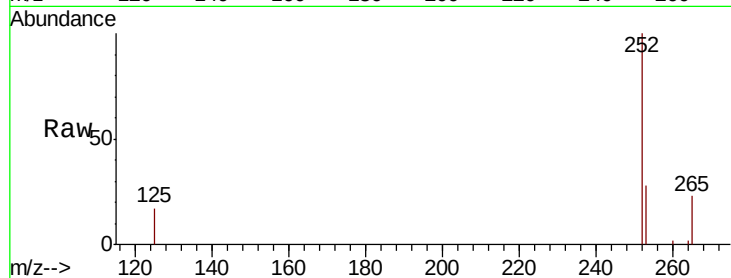




#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.49 min Scan# 2311
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

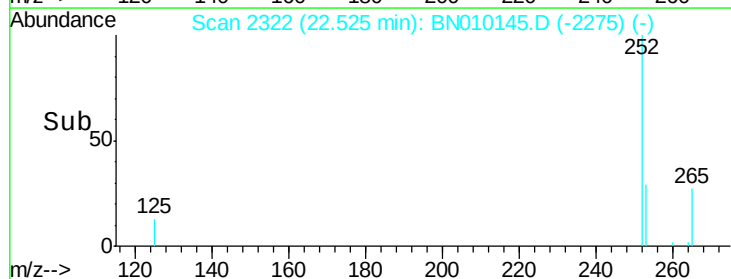
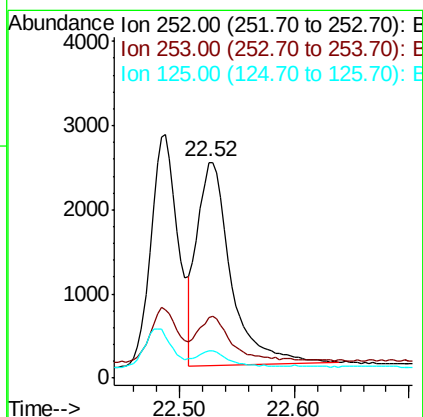
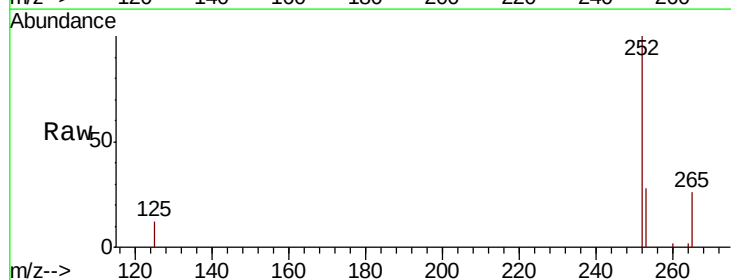
Instrument :
BNA_N
ClientSampleId :

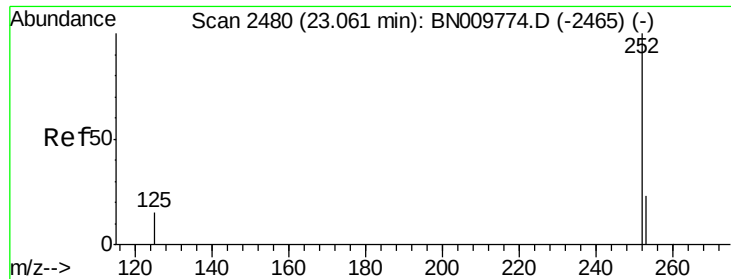
Tot Ion:252 Resp: 4415
Ion Ratio Lower Upper
252 100
253 28.2 23.0 34.6
125 17.2 14.4 21.6



#36
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 22.52 min Scan# 2322
Delta R.T. -0.04 min
Lab File: BN010145.D
Acq: 09 Mar 2020 14:15

Tgt Ion:252 Resp: 4906
Ion Ratio Lower Upper
252 100
253 28.0 22.2 33.2
125 12.5 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.01 min Scan# 2465

Delta R.T. -0.05 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :

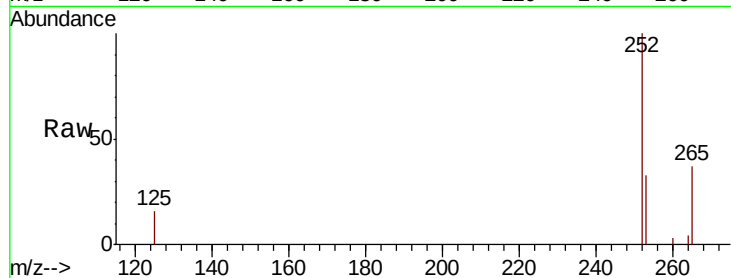
Tot Ion:252 Resp: 4296

Ion Ratio Lower Upper

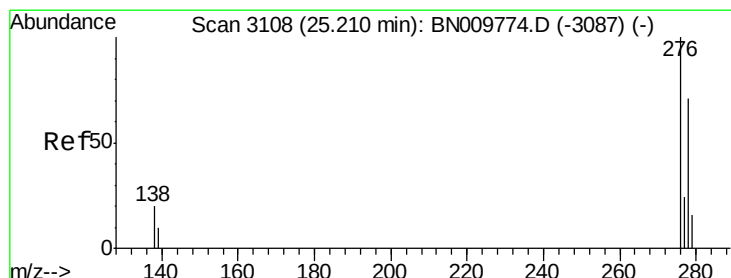
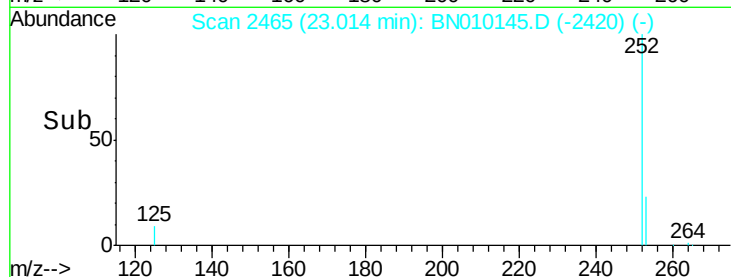
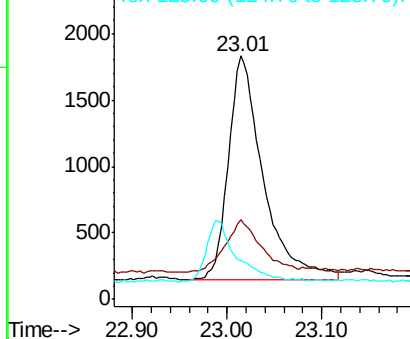
252 100

253 32.5 25.3 37.9

125 16.2 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: 0.364 ng

RT: 25.14 min Scan# 3087

Delta R.T. -0.07 min

Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

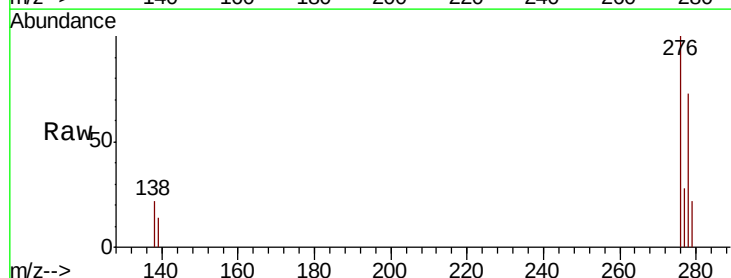
Tgt Ion:278 Resp: 4105

Ion Ratio Lower Upper

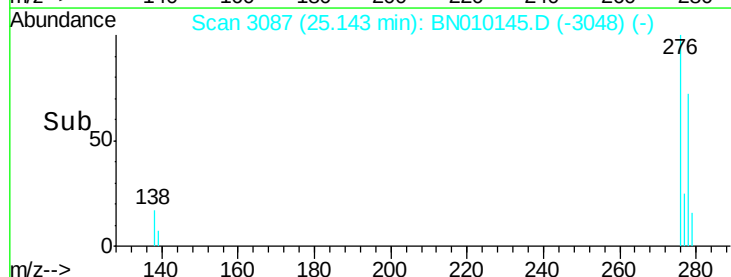
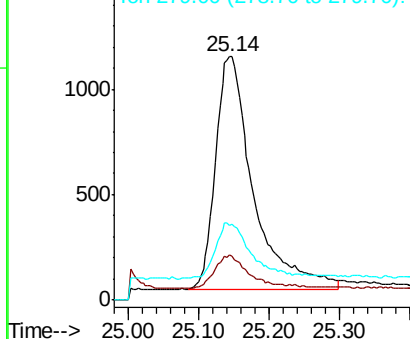
278 100

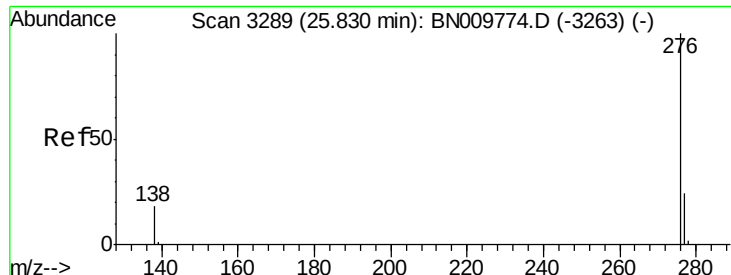
139 18.6 14.5 21.7

279 30.5 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: 0.382 ng

RT: 25.76 min Scan# 3267

Delta R.T. -0.07 min

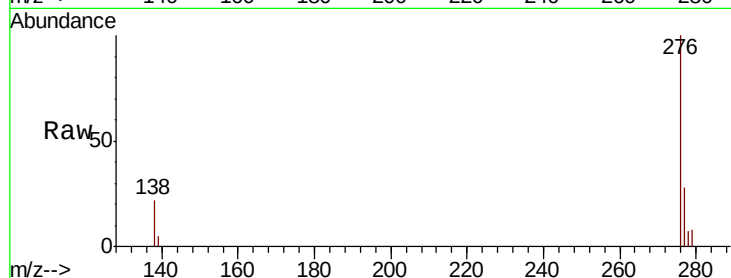
Lab File: BN010145.D

Acq: 09 Mar 2020 14:15

Instrument :

BNA_N

ClientSampleId :



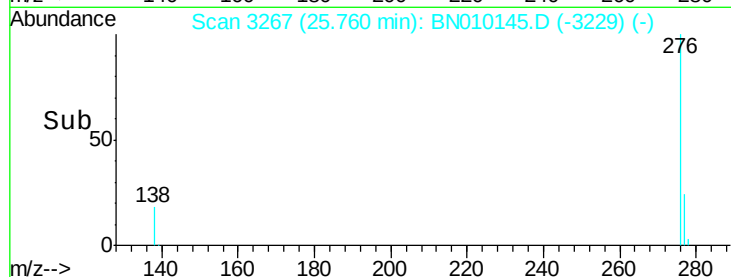
Tot Ion: 276 Resp: 4591

Ion Ratio Lower Upper

276 100

277 27.7 21.4 32.0

138 21.5 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

