

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010266.D
 Acq On : 18 Mar 2020 16:44
 Operator : CG/JU
 Sample : PB127606BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 01:13:06 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	3516	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12170	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	7438	0.40	ng	-0.02
19) Phenanthrene-d10	16.98	188	17945	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	18223	0.40	ng	0.00
34) Perylene-d12	23.36	264	19509	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2684	0.33	ng	-0.02
5) Phenol-d6	6.81	99	3398	0.33	ng	0.00
8) Nitrobenzene-d5	8.76	82	2913	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7719	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	978	0.37	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	11750	0.44	ng	0.00
25) Fluoranthene-d10	19.02	212	20641	0.37	ng	-0.01
29) Terphenyl-d14	19.63	244	16246	0.39	ng	-0.02

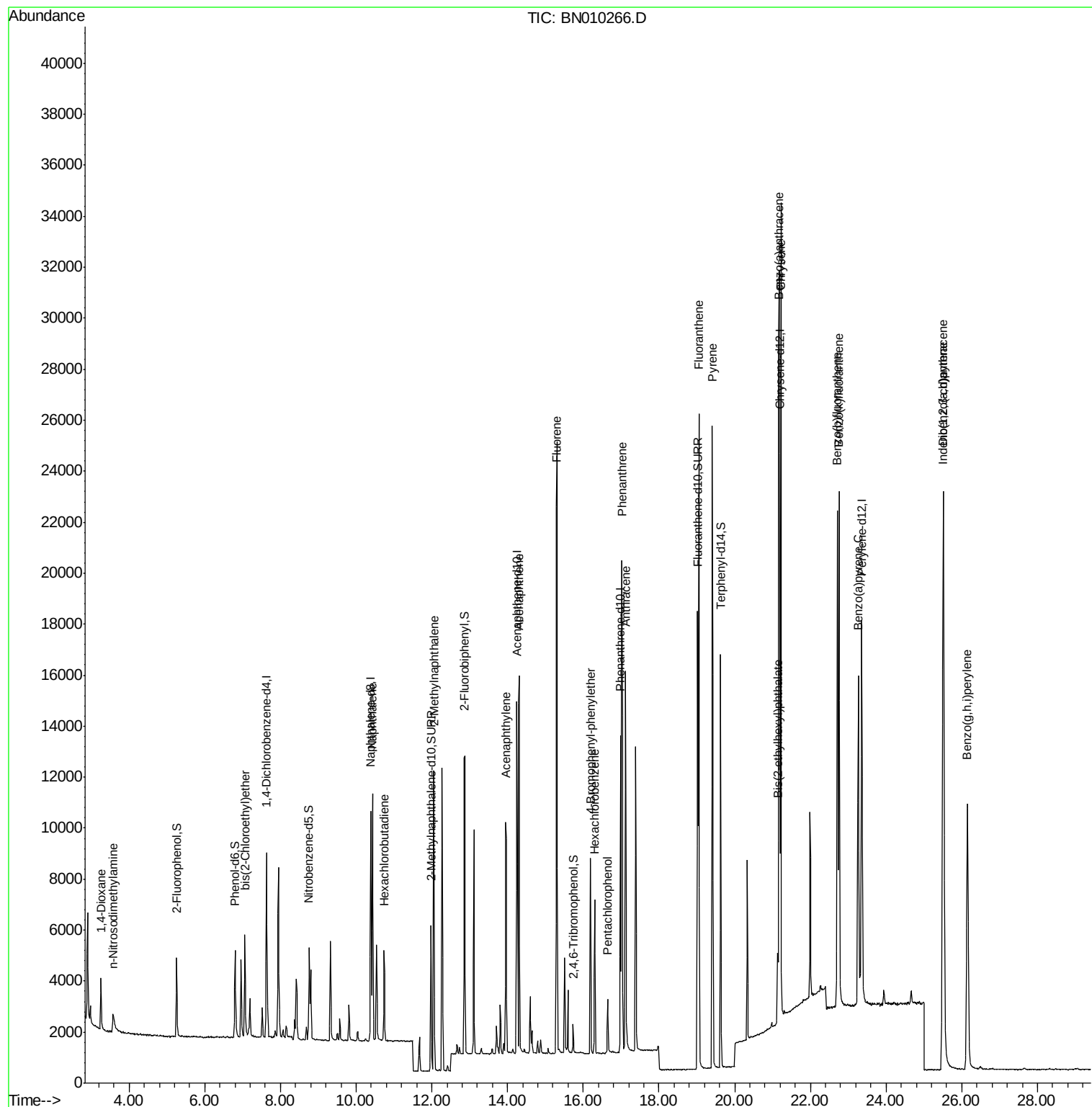
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1366	0.398	ng	# 54
3) n-Nitrosodimethylamine	3.57	42	905	0.298	ng	# 26
6) bis(2-Chloroethyl)ether	7.06	93	3313	0.385	ng	97
9) Naphthalene	10.43	128	12019	0.394	ng	96
10) Hexachlorobutadiene	10.73	225	2974	0.424	ng	# 97
12) 2-Methylnaphthalene	12.05	142	8401	0.384	ng	96
16) Acenaphthylene	13.95	152	11315	0.330	ng	99
17) Acenaphthene	14.31	154	8294	0.398	ng	97
18) Fluorene	15.29	166	11004	0.388	ng	99
20) 4-Bromophenyl-phenylether	16.20	248	4230	0.411	ng	94
21) Hexachlorobenzene	16.30	284	4583	0.455	ng	98
22) Pentachlorophenol	16.64	266	1194	0.384	ng	90
23) Phenanthrene	17.02	178	19374	0.407	ng	100
24) Anthracene	17.12	178	15984	0.337	ng	100
26) Fluoranthene	19.05	202	23216	0.385	ng	99
28) Pyrene	19.41	202	23197	0.381	ng	99
30) Benzo(a)anthracene	21.17	228	21825	0.352	ng	98
31) Chrysene	21.22	228	24598	0.403	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	5528	0.210	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.50	276	28303	0.391	ng	99
35) Benzo(b)fluoranthene	22.71	252	23733	0.396	ng	99
36) Benzo(k)fluoranthene	22.76	252	25866	0.427	ng	100
37) Benzo(a)pyrene	23.26	252	20274	0.358	ng	98
38) Dibenzo(a,h)anthracene	25.52	278	23315	0.411	ng	98
39) Benzo(g,h,i)perylene	26.15	276	22666	0.400	ng	97

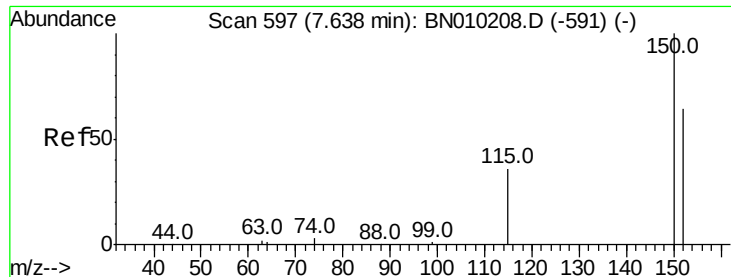
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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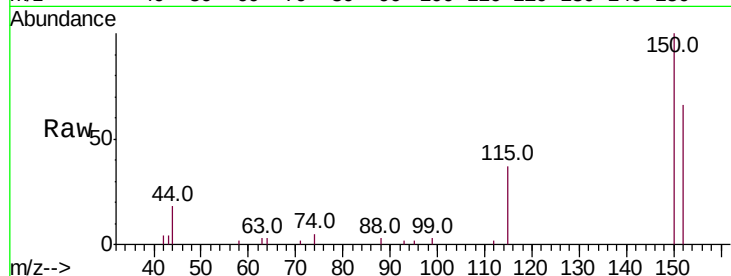


#1

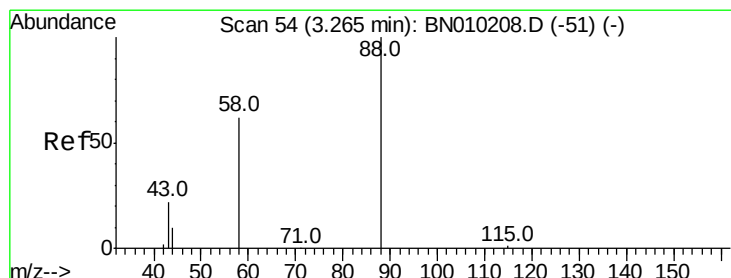
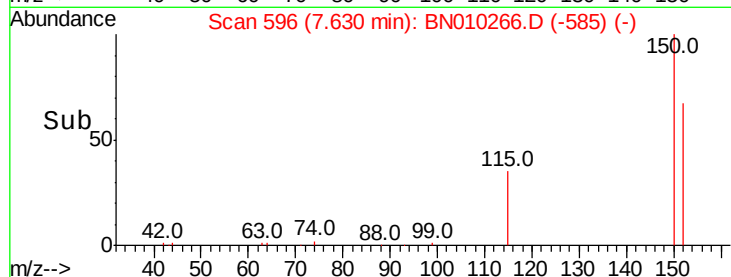
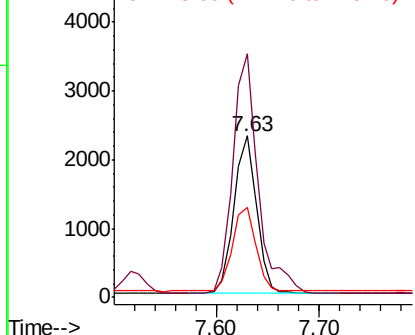
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3516
Ion Ratio Lower Upper
152 100
150 150.7 119.5 179.3
115 55.4 50.9 76.3



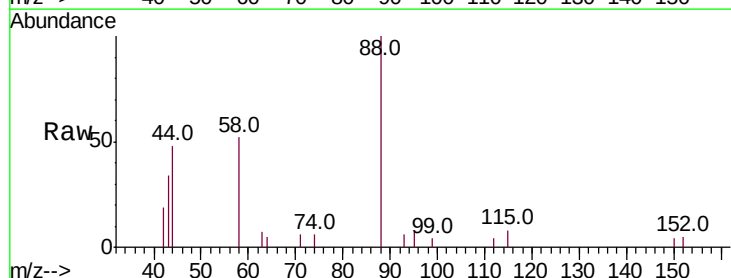
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



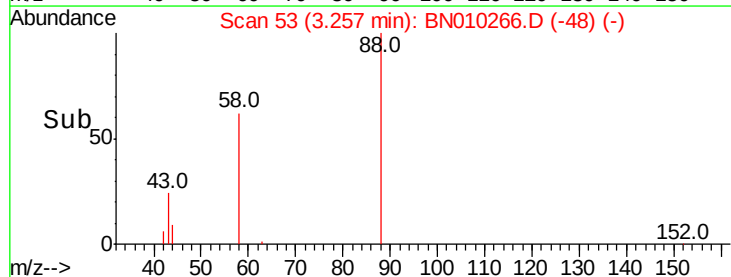
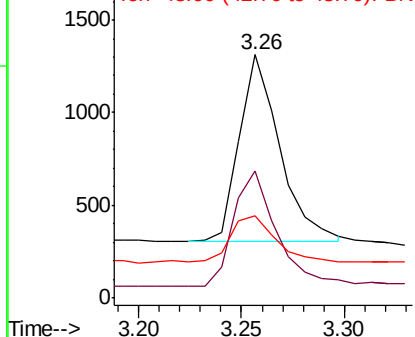
#2

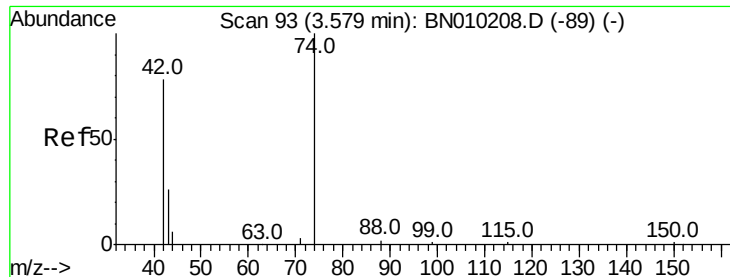
1,4-Dioxane
Concen: 0.398 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion: 88 Resp: 1366
Ion Ratio Lower Upper
88 100
58 66.8 97.8 146.8#
43 27.1 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: 0.298 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

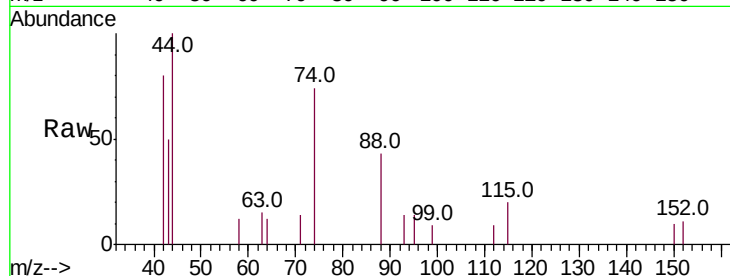
Tot Ion: 42 Resp: 905

Ion Ratio Lower Upper

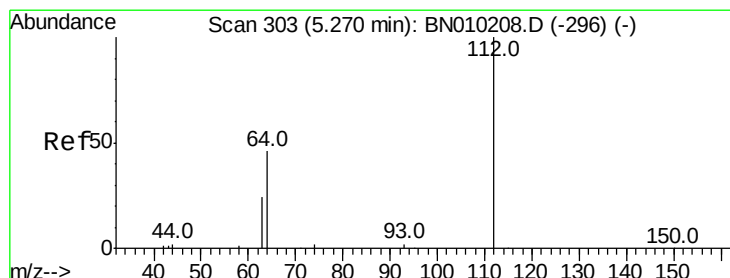
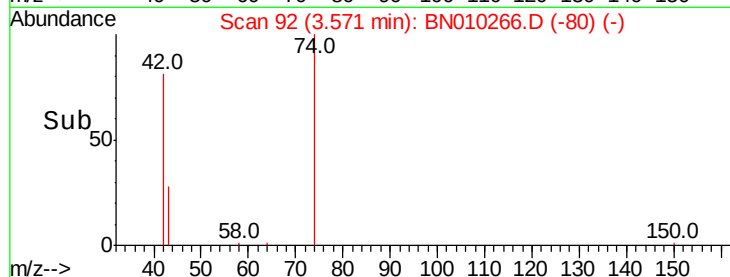
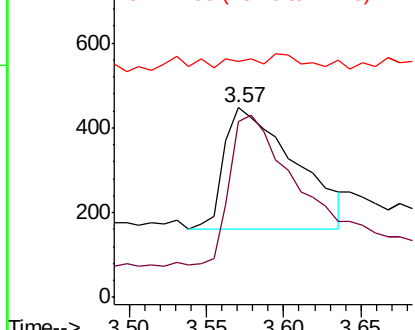
42 100

74 124.9 51.2 76.8#

44 0.0 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.325 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

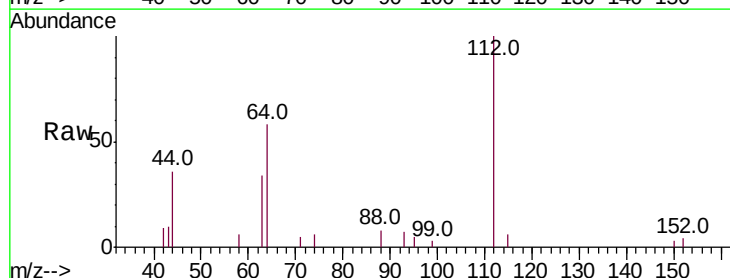
Tgt Ion: 112 Resp: 2684

Ion Ratio Lower Upper

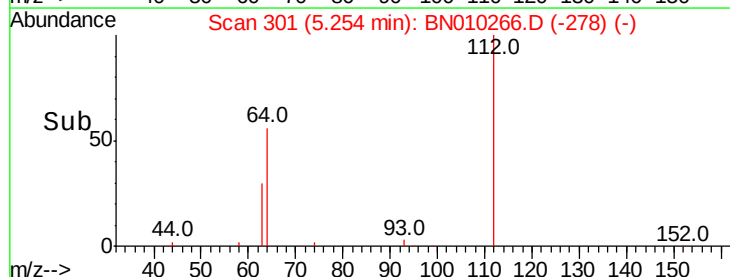
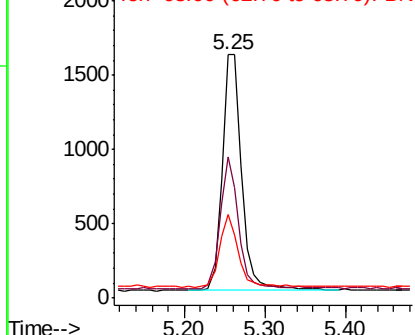
112 100

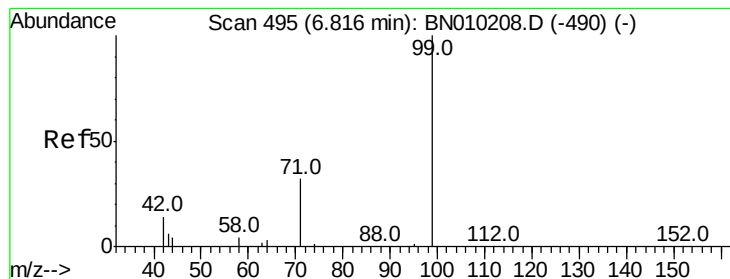
64 51.9 42.6 63.8

63 29.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.330 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampled :

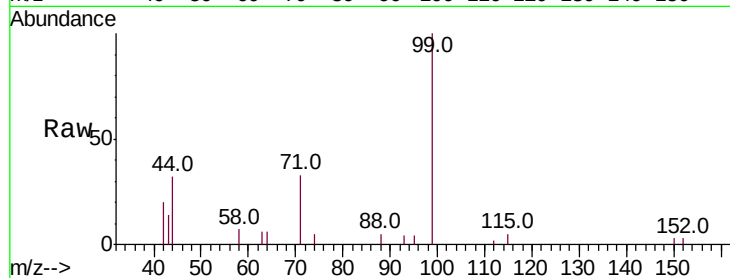
Tot Ion: 99 Resp: 3398

Ion Ratio Lower Upper

99 100

42 20.7 12.0 18.0#

71 34.1 22.6 33.8#

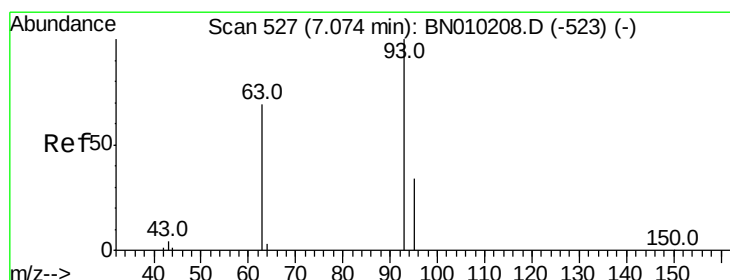
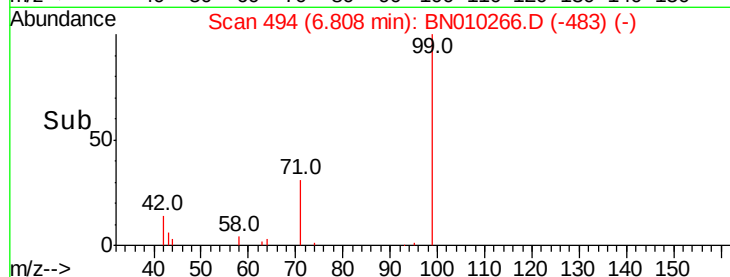


Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.385 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

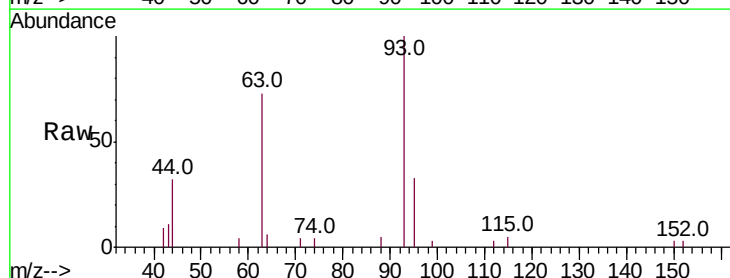
Tgt Ion: 93 Resp: 3313

Ion Ratio Lower Upper

93 100

63 69.1 53.4 80.0

95 34.0 28.6 42.8

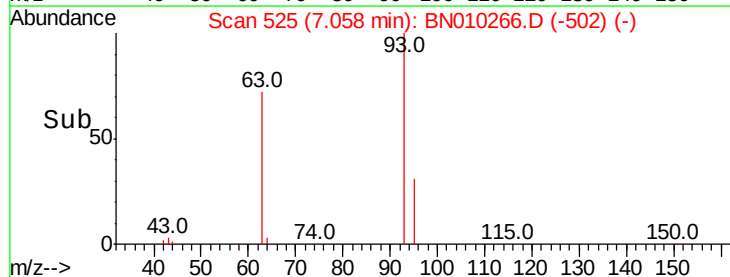


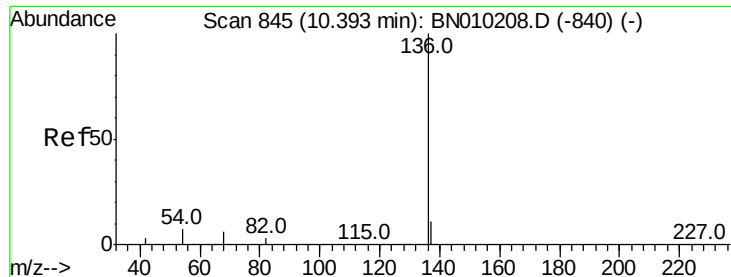
Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12170

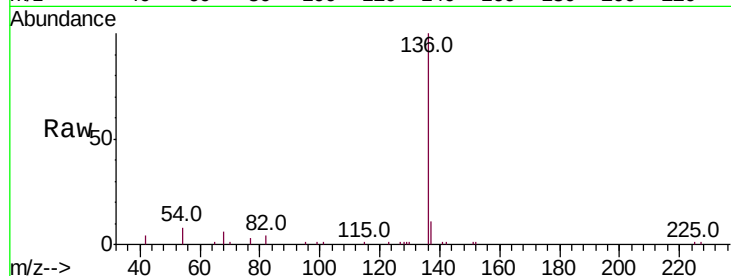
Ion Ratio Lower Upper

136 100

137 11.3 10.6 15.8

54 7.6 9.5 14.3#

68 6.5 9.7 14.5#



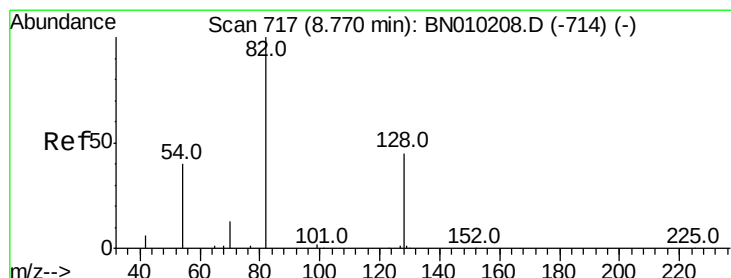
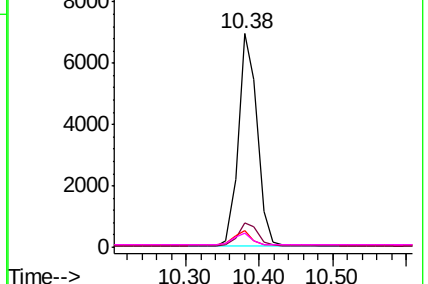
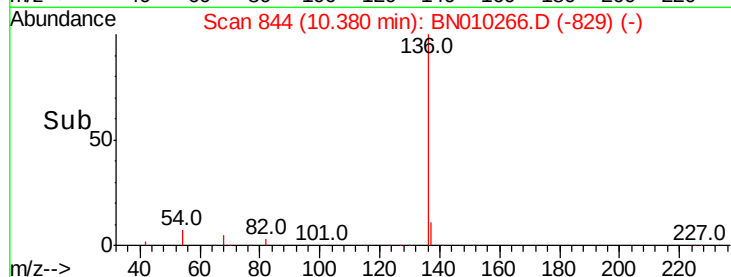
Abundance

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: 0.399 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

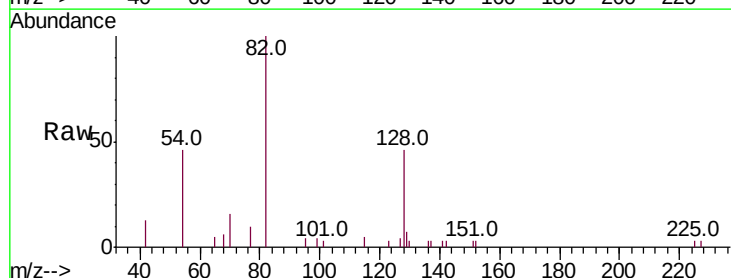
Tgt Ion: 82 Resp: 2913

Ion Ratio Lower Upper

82 100

128 46.4 35.0 52.6

54 46.1 37.0 55.4

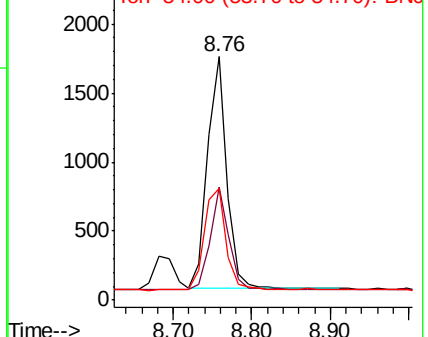
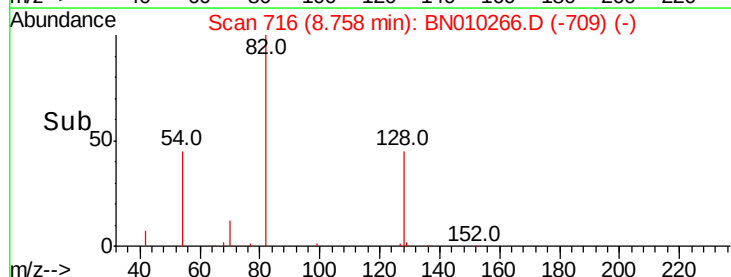


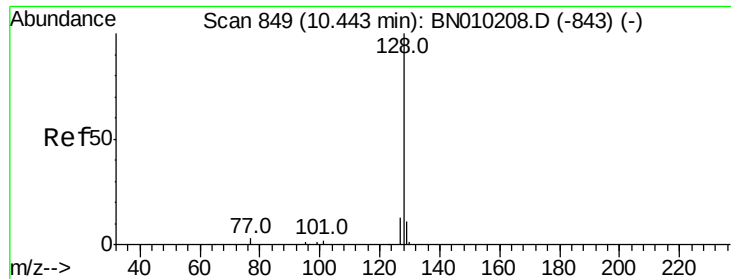
Abundance

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: 0.394 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

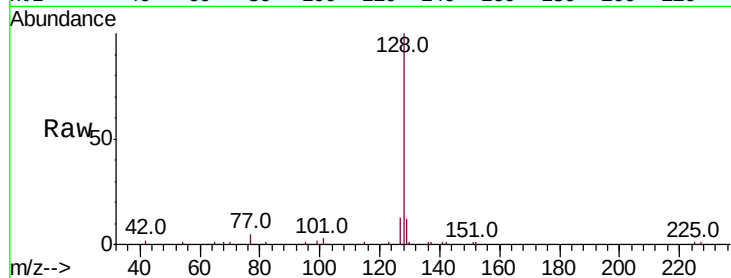
Tot Ion:128 Resp: 12019

Ion Ratio Lower Upper

128 100

129 11.6 10.5 15.7

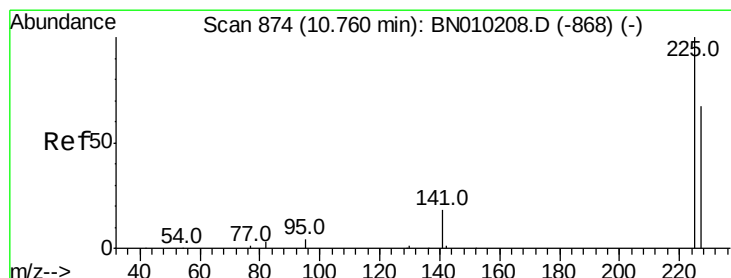
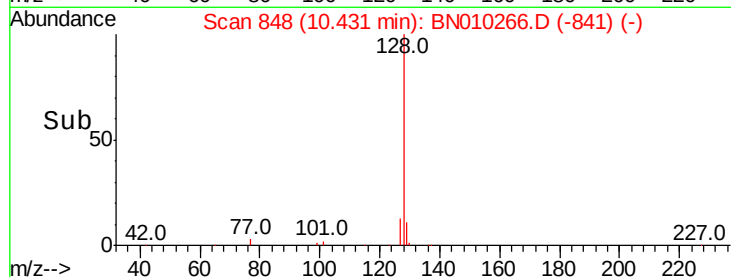
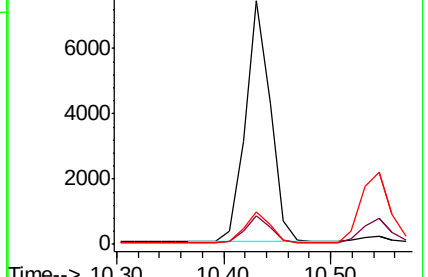
127 13.2 12.1 18.1



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: 0.424 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.03 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

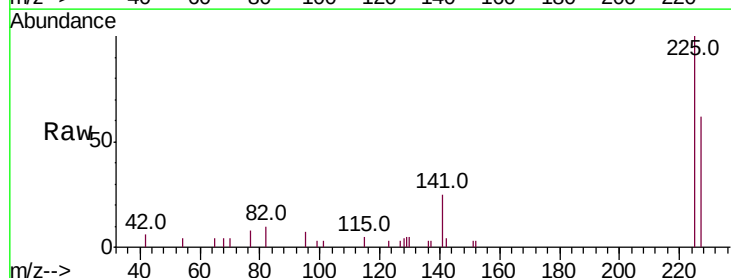
Tgt Ion:225 Resp: 2974

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

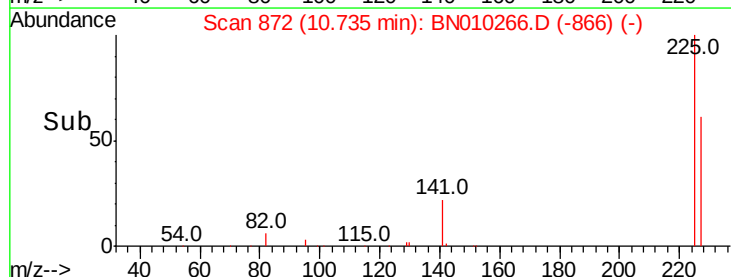
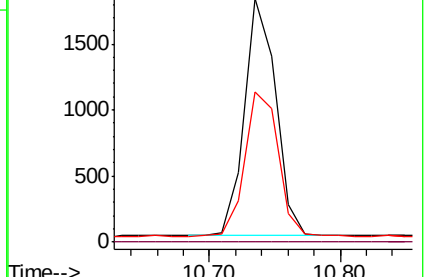
227 64.4 53.4 80.2

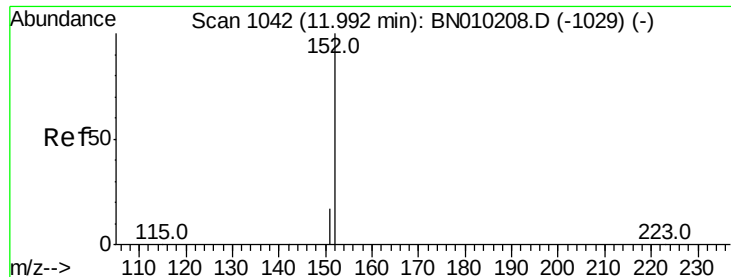


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

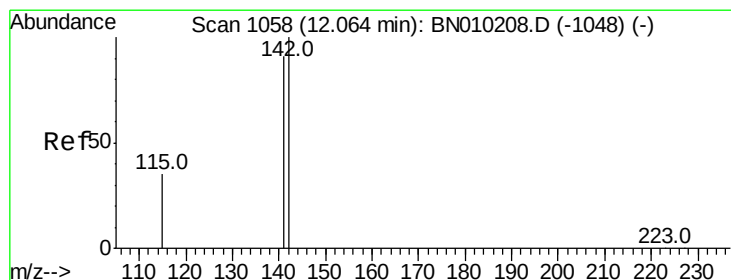
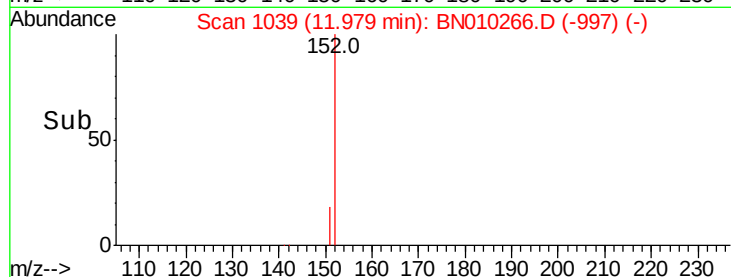
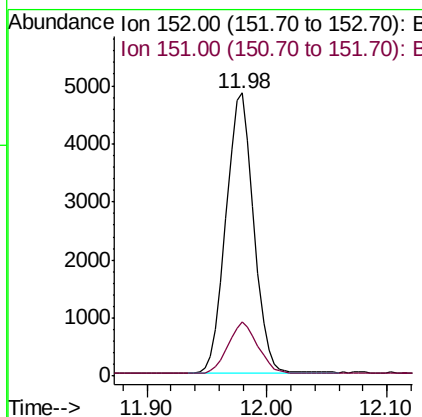
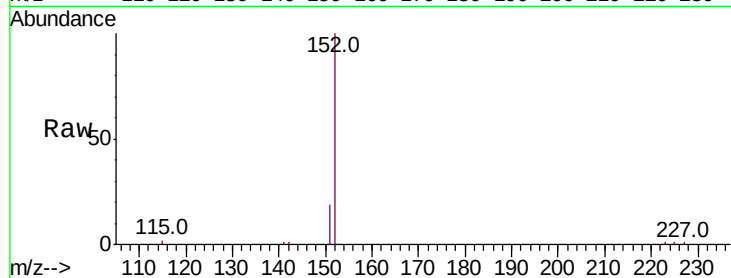




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BN010266.D
 Acq: 18 Mar 2020 16:44

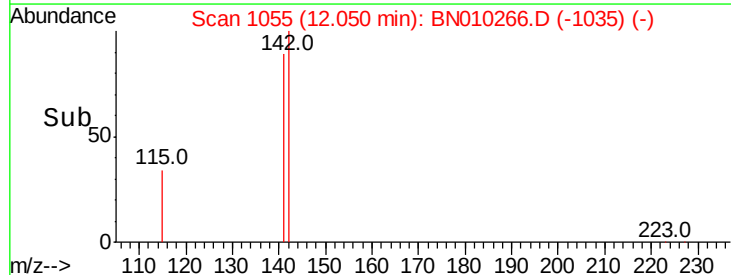
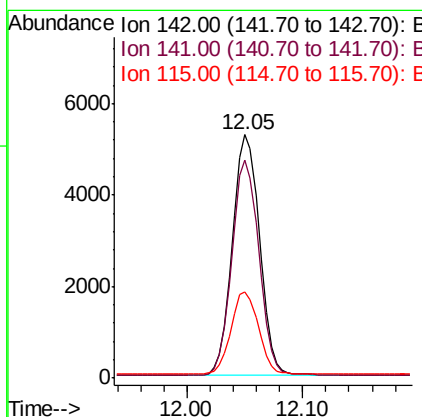
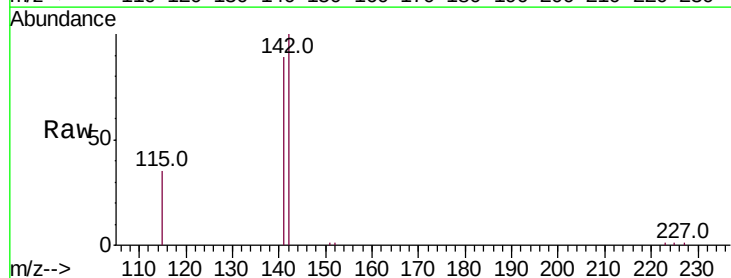
Instrument :
 BNA_N
 ClientSampled :

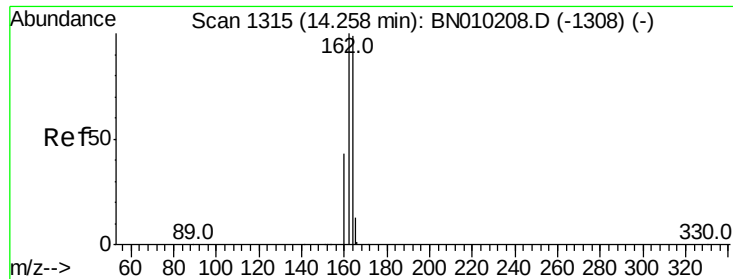
Tot Ion:152 Resp: 7719
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.384 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN010266.D
 Acq: 18 Mar 2020 16:44

Tgt Ion:142 Resp: 8401
 Ion Ratio Lower Upper
 142 100
 141 89.5 73.7 110.5
 115 35.4 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

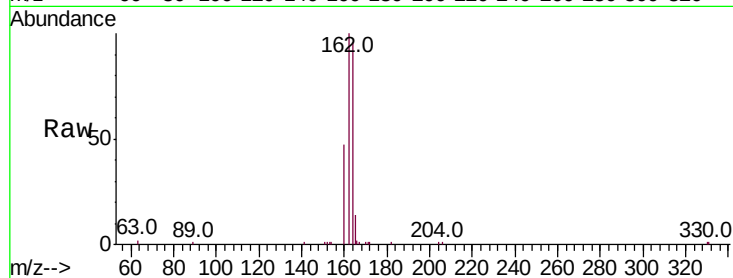
Tot Ion:164 Resp: 7438

Ion Ratio Lower Upper

164 100

162 104.0 81.0 121.4

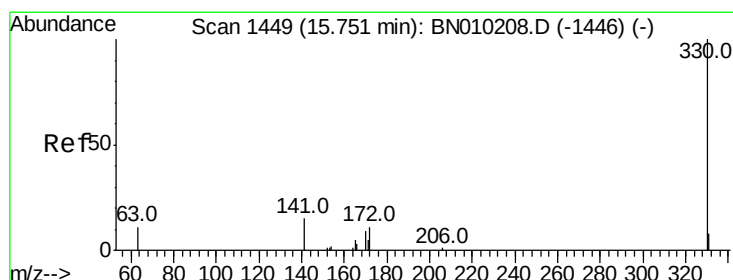
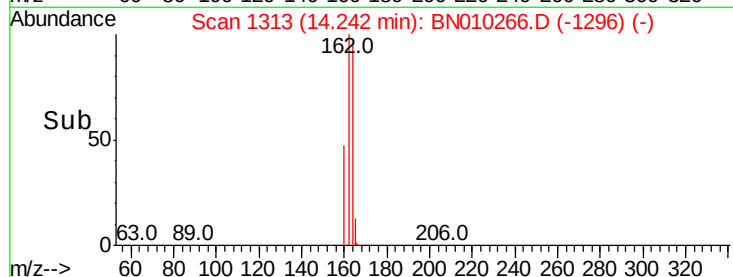
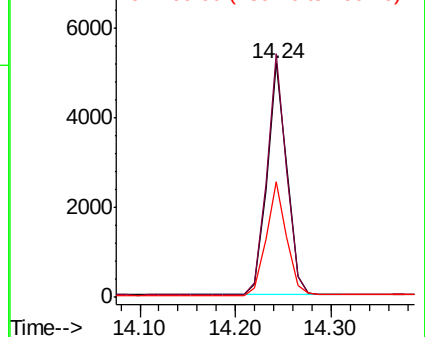
160 49.1 35.6 53.4



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: 0.367 ng

RT: 15.74 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

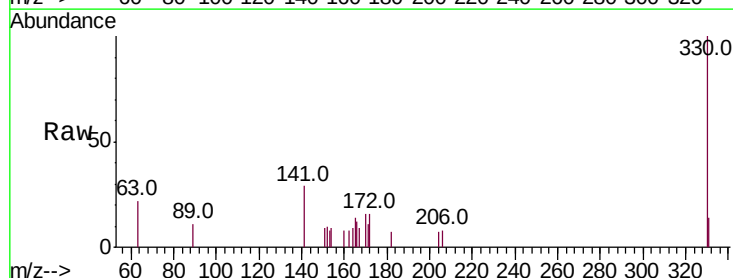
Tgt Ion:330 Resp: 978

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

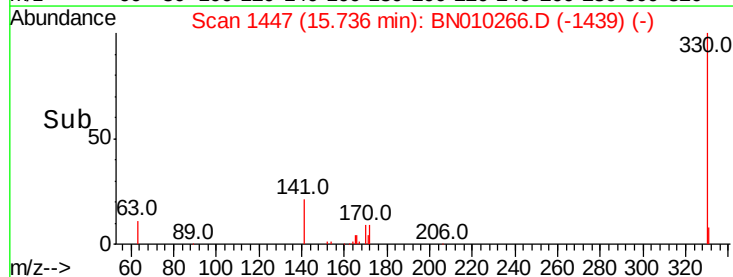
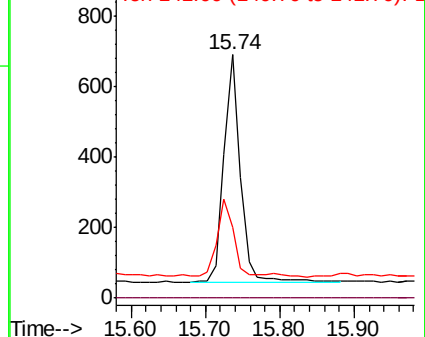
141 32.8 25.1 37.7

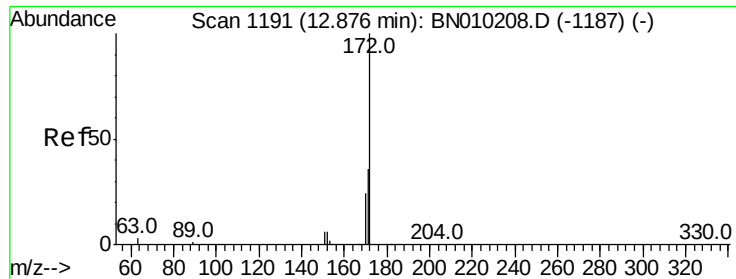


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

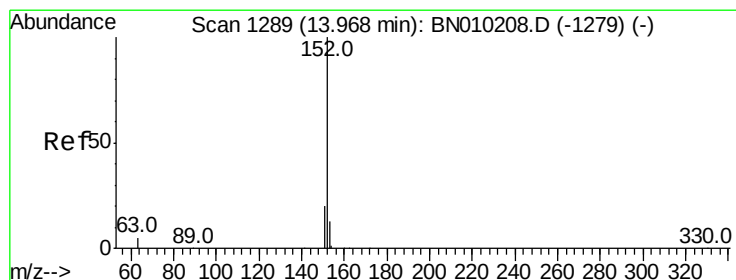
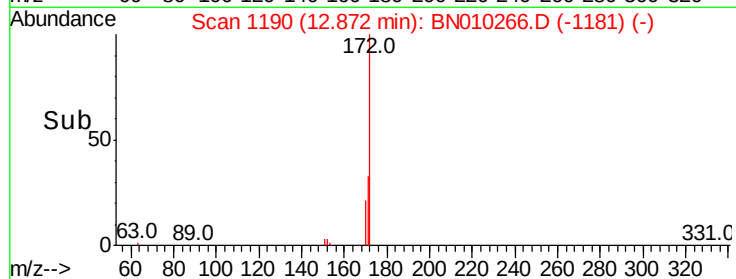
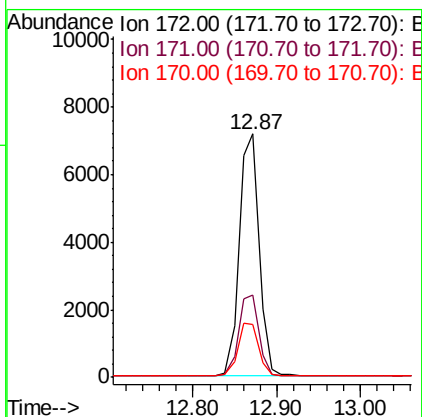
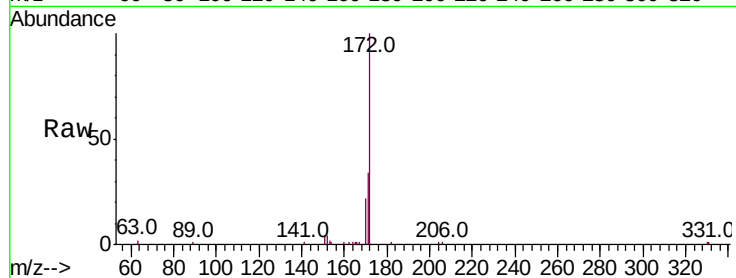




#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 12.87 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

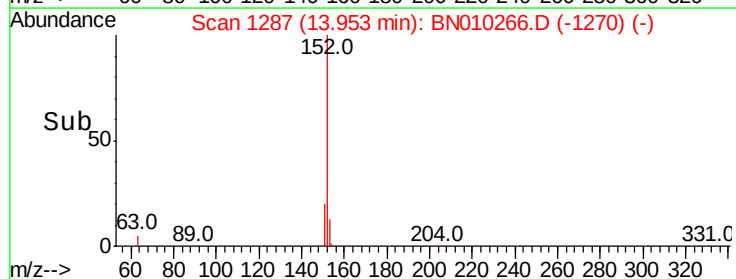
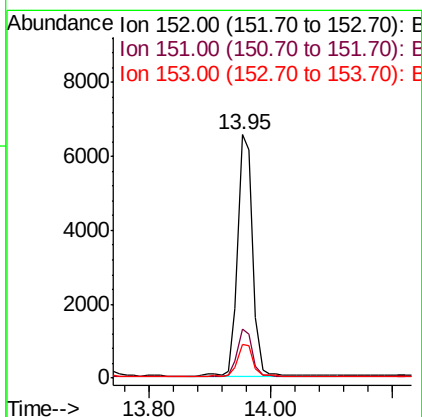
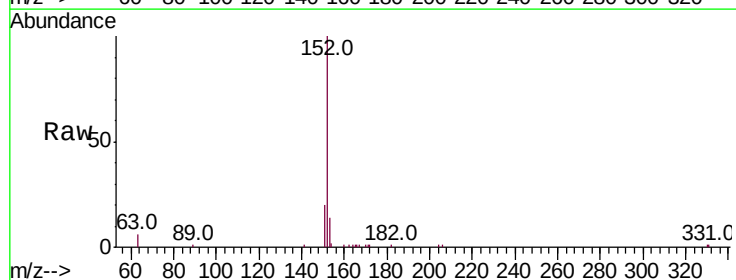
Instrument :
BNA_N
ClientSampled :

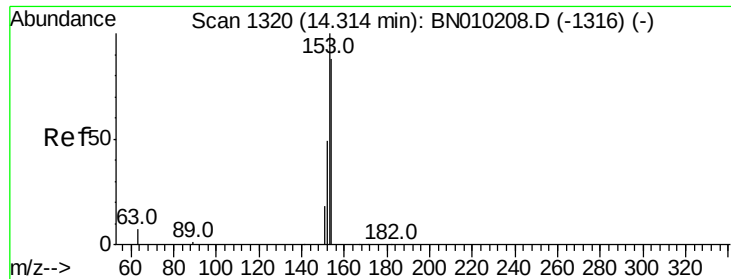
Tot Ion:172 Resp: 11750
Ion Ratio Lower Upper
172 100
171 33.7 29.4 44.2
170 21.5 20.2 30.4



#16
Acenaphthylene
Concen: 0.330 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:152 Resp: 11315
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

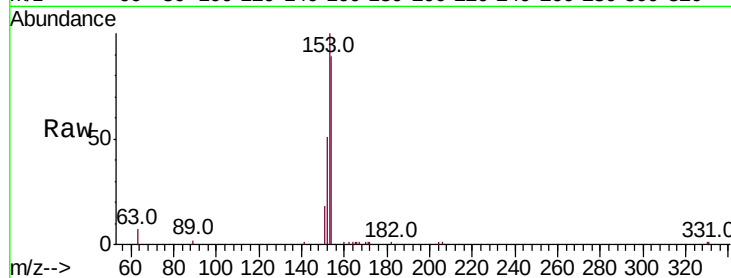
Tot Ion:154 Resp: 8294

Ion Ratio Lower Upper

154 100

153 110.8 90.3 135.5

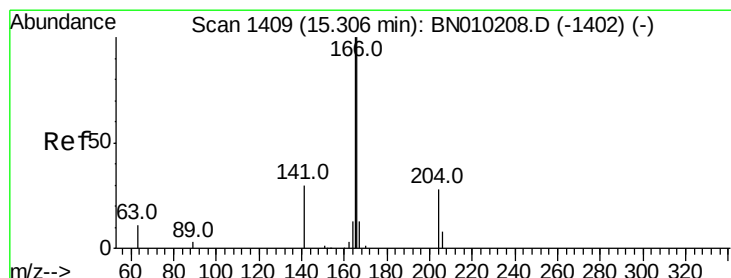
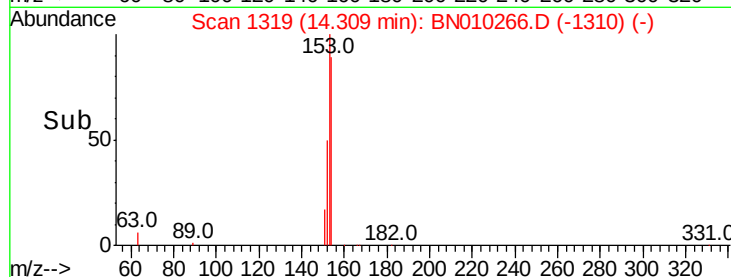
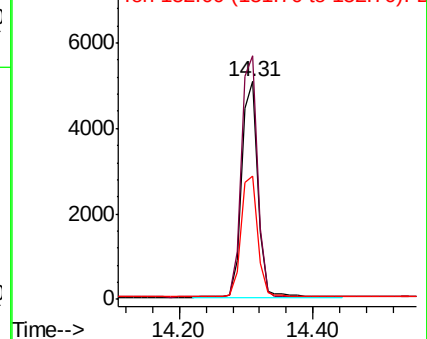
152 57.8 42.9 64.3



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: 0.388 ng

RT: 15.29 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

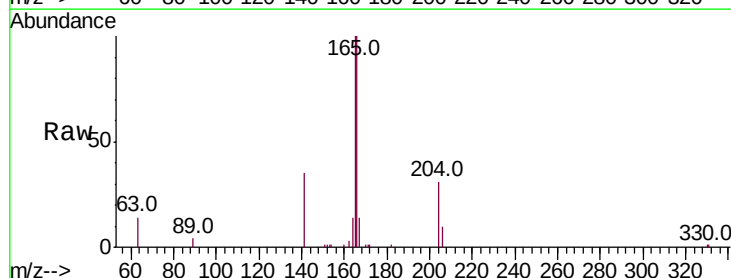
Tgt Ion:166 Resp: 11004

Ion Ratio Lower Upper

166 100

165 97.2 78.3 117.5

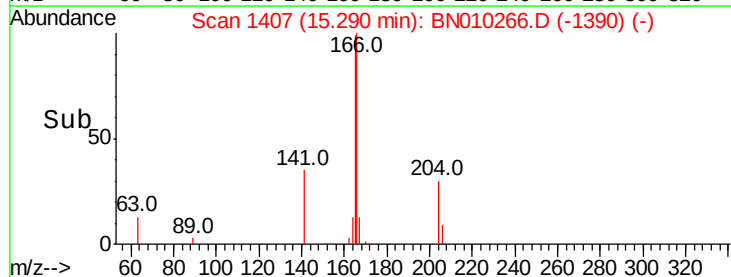
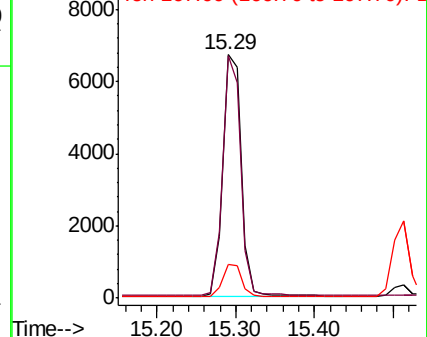
167 13.6 10.7 16.1

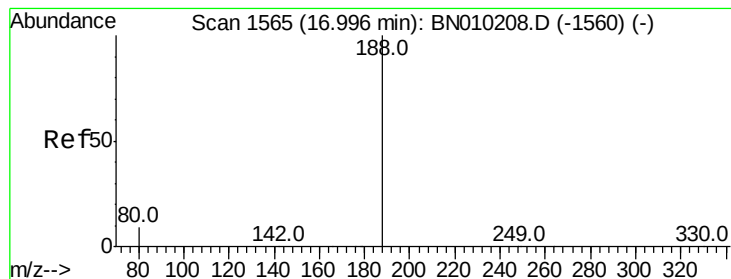


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.98 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

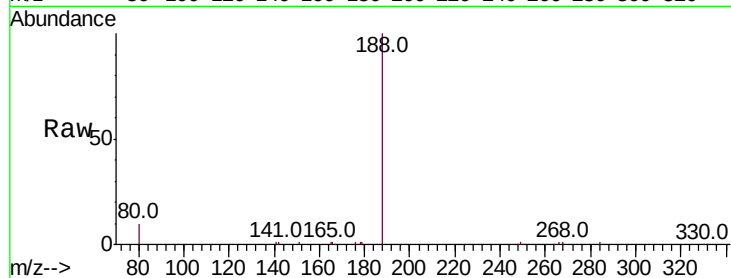
Tot Ion:188 Resp: 17945

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

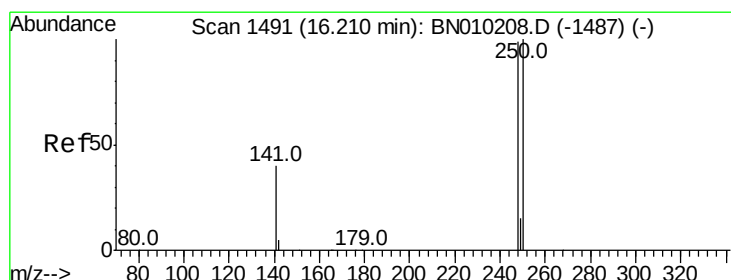
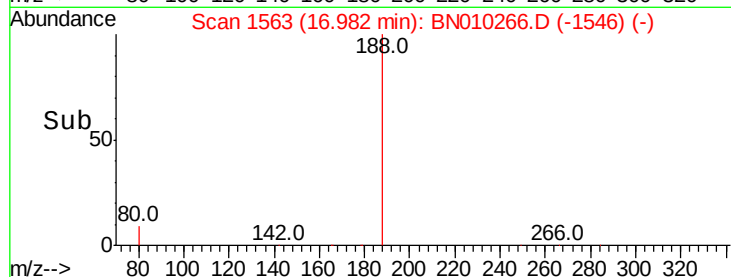
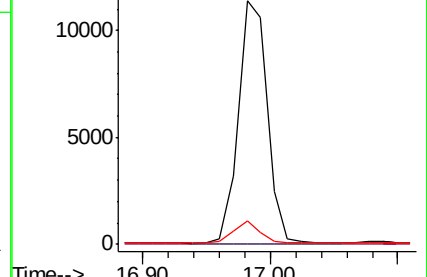
80 9.9 8.6 12.8



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: 0.411 ng

RT: 16.20 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

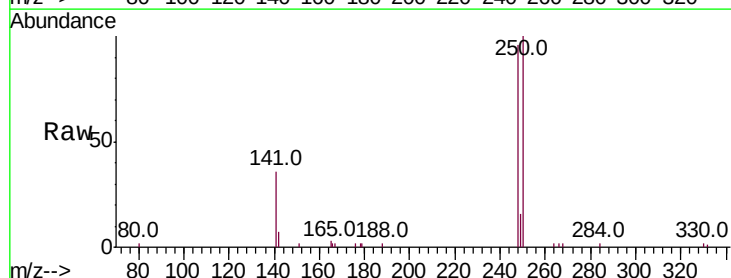
Tgt Ion:248 Resp: 4230

Ion Ratio Lower Upper

248 100

250 104.2 81.2 121.8

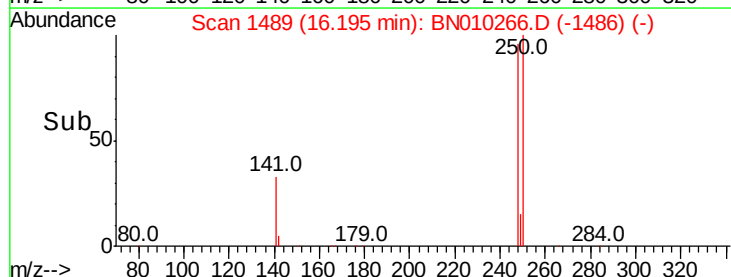
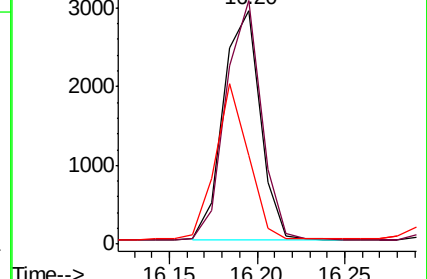
141 37.8 36.7 55.1

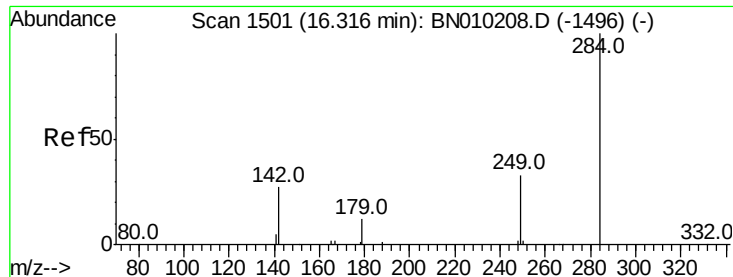


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

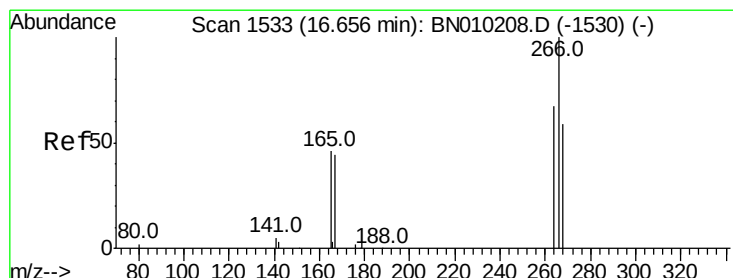
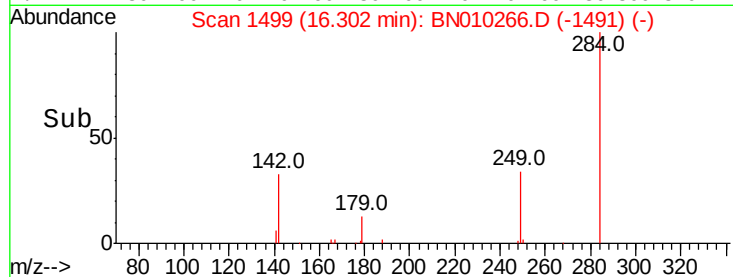
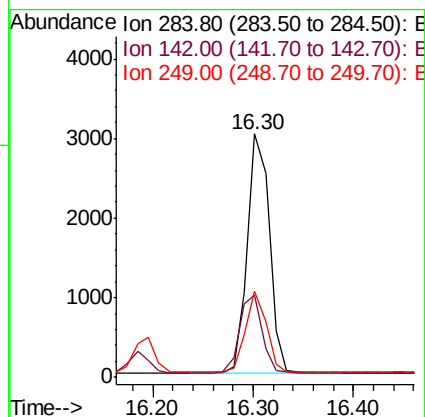
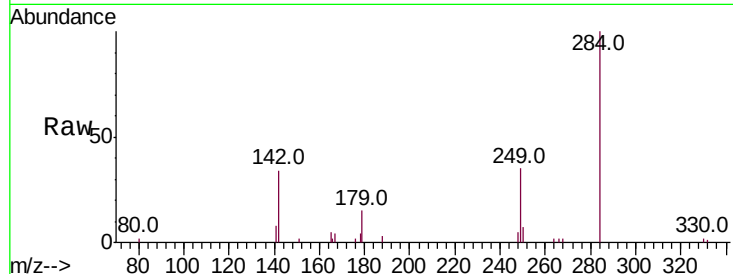




#21
 Hexachlorobenzene
 Concen: 0.455 ng
 RT: 16.30 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BN010266.D
 Acq: 18 Mar 2020 16:44

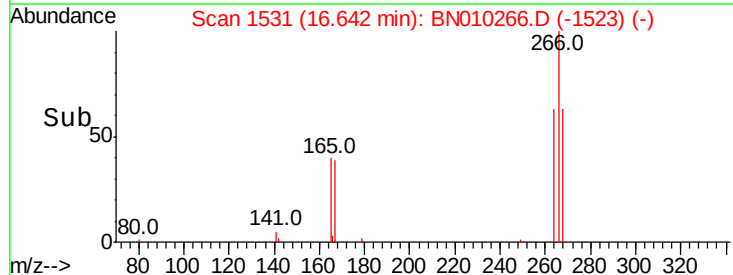
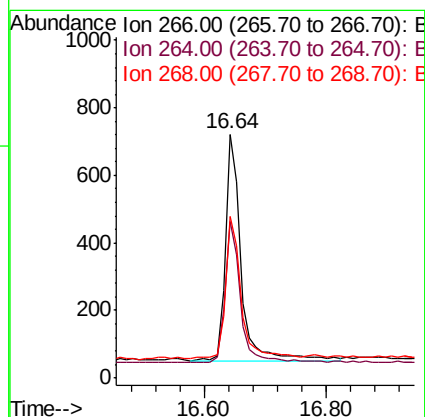
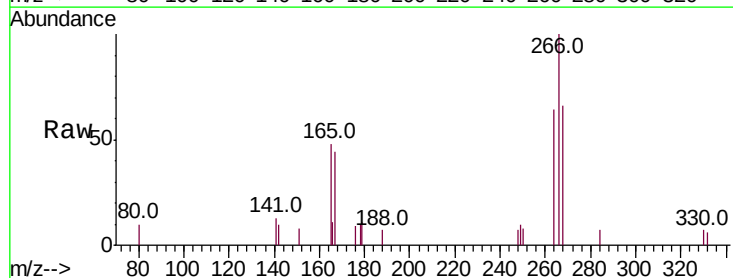
Instrument :
 BNA_N
 ClientSampleId :

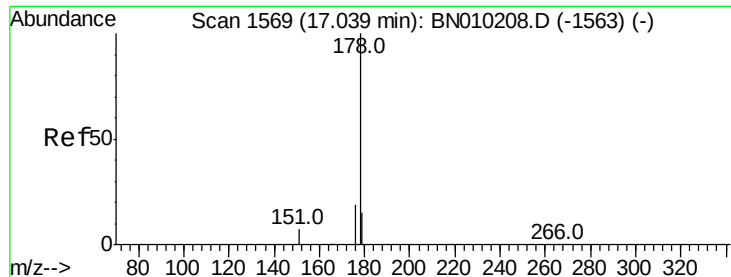
Tot Ion:	284	Resp:	4583
Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.8	41.6
249	32.2	26.6	39.8



#22
 Pentachlorophenol
 Concen: 0.384 ng
 RT: 16.64 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BN010266.D
 Acq: 18 Mar 2020 16:44

Tgt Ion:	266	Resp:	1194
Ion	Ratio	Lower	Upper
266	100		
264	64.4	56.2	84.2
268	66.4	61.4	92.2





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

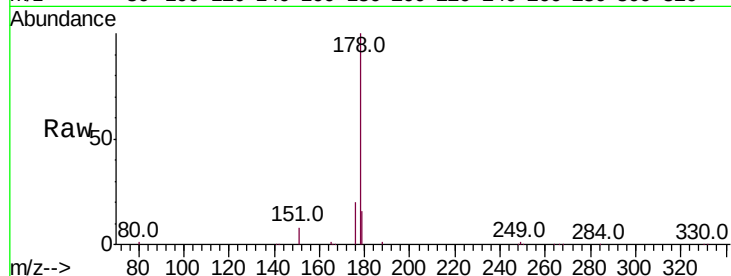
Tot Ion:178 Resp: 19374

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

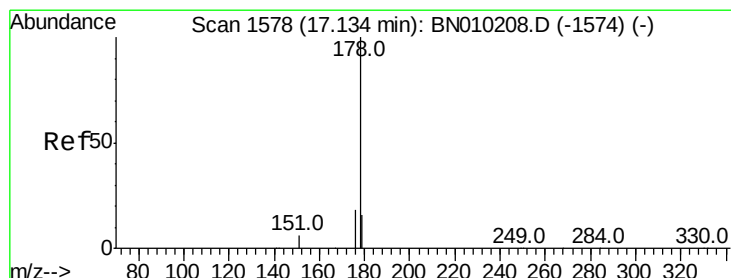
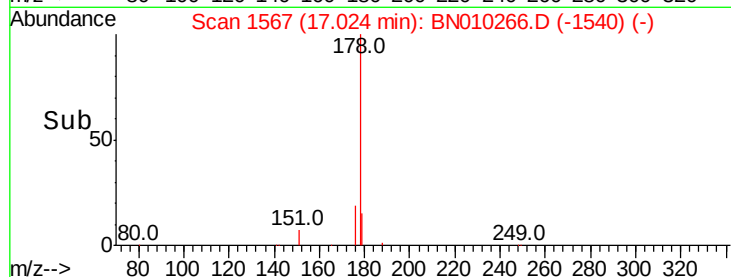
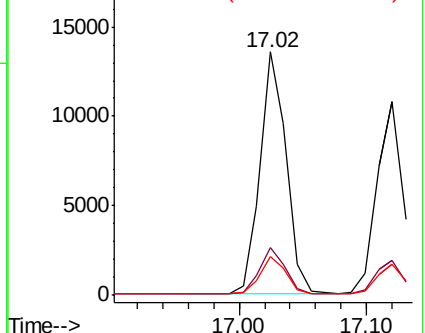
179 15.4 12.5 18.7



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



#24

Anthracene

Concen: 0.337 ng

RT: 17.12 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

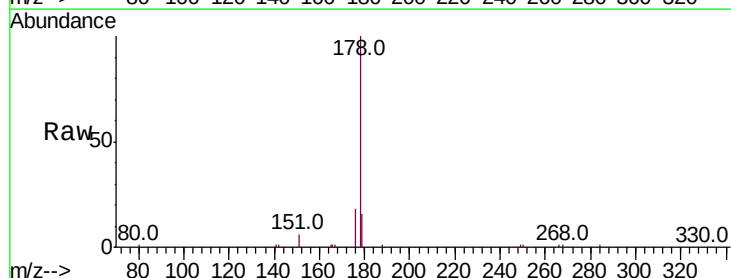
Tgt Ion:178 Resp: 15984

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

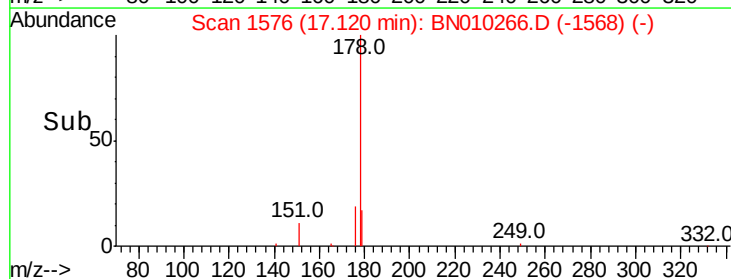
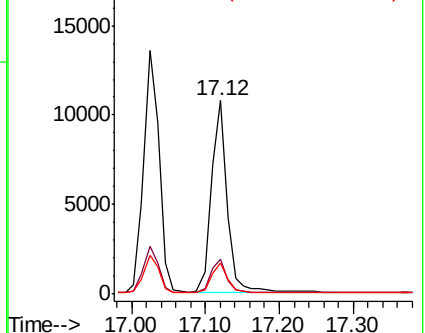
179 15.7 12.5 18.7

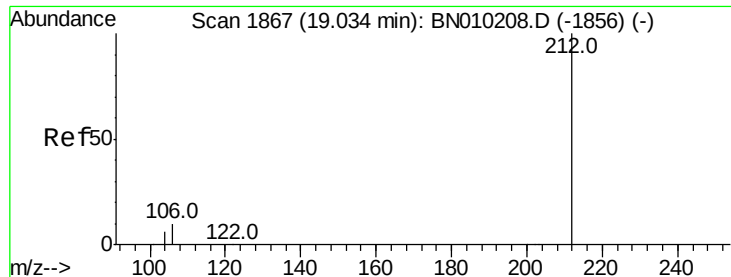


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

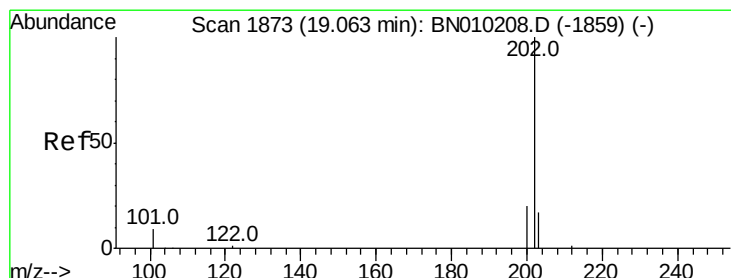
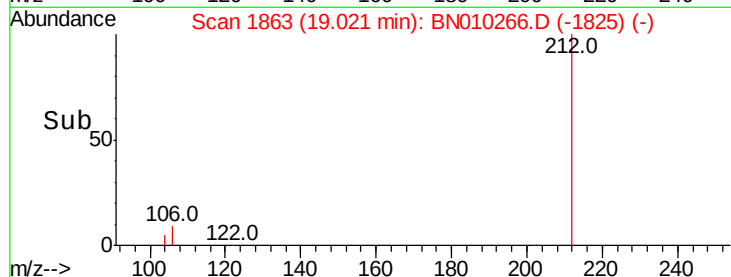
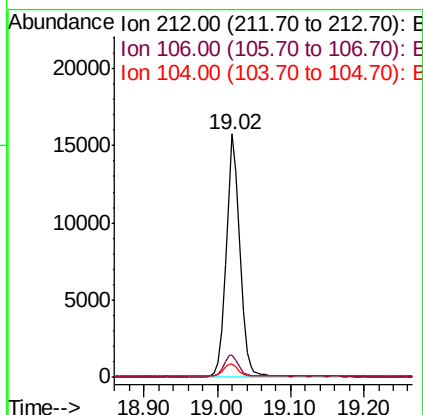
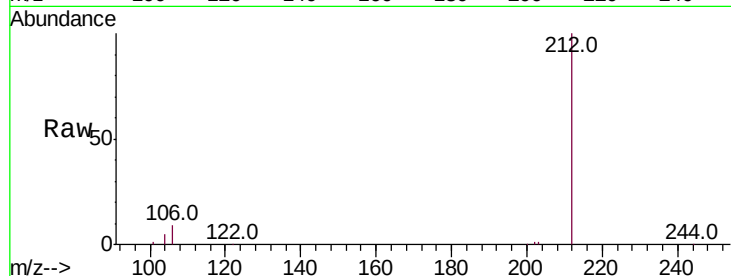




#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.02 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BN010266.D
 Acq: 18 Mar 2020 16:44

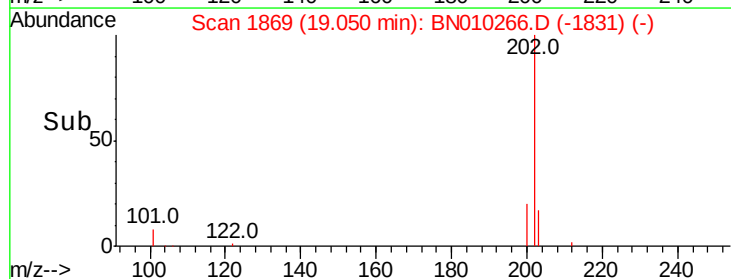
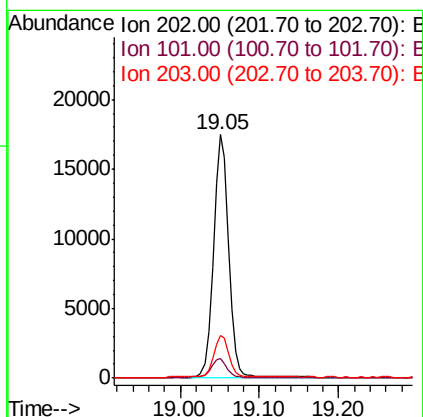
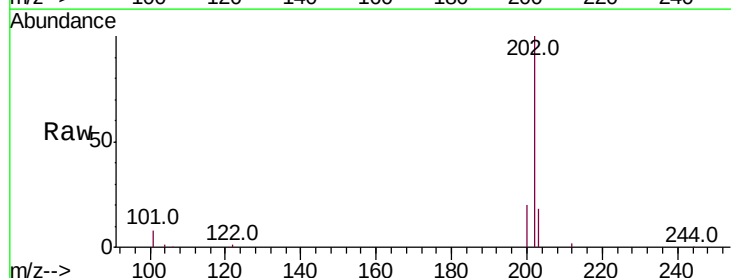
Instrument :
 BNA_N
 ClientSampleId :

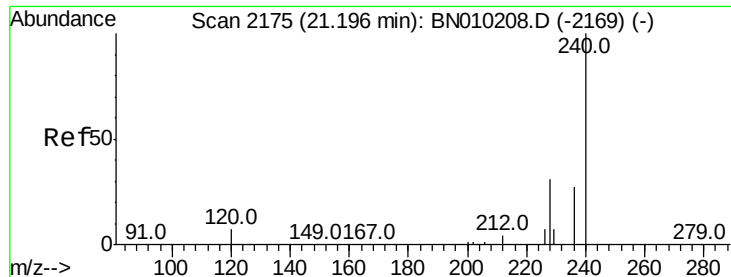
Tot Ion:212 Resp: 20641
 Ion Ratio Lower Upper
 212 100
 106 9.4 8.1 12.1
 104 5.2 4.7 7.1



#26
 Fluoranthene
 Concen: 0.385 ng
 RT: 19.05 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BN010266.D
 Acq: 18 Mar 2020 16:44

Tgt Ion:202 Resp: 23216
 Ion Ratio Lower Upper
 202 100
 101 8.1 7.0 10.6
 203 17.3 13.9 20.9

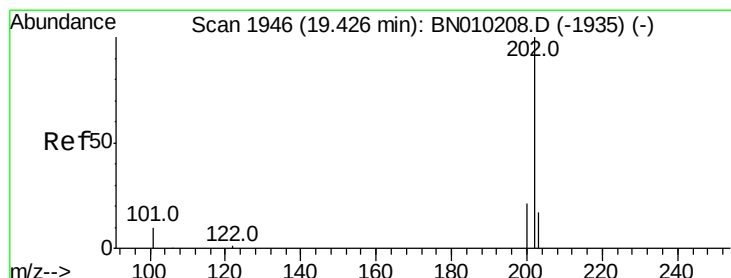
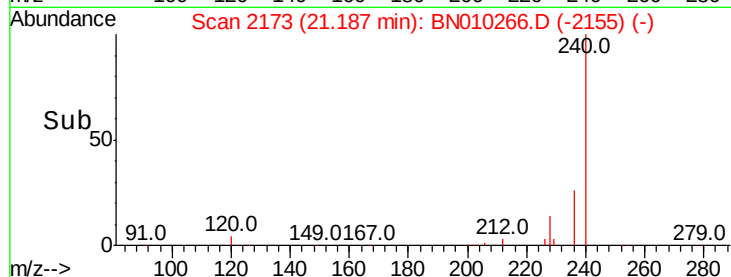
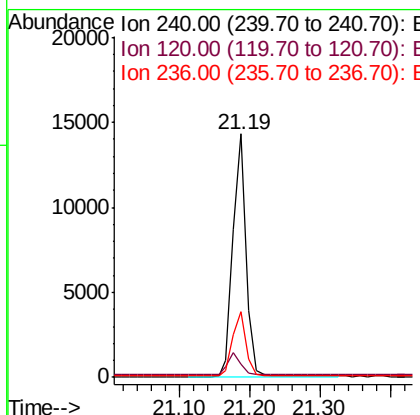
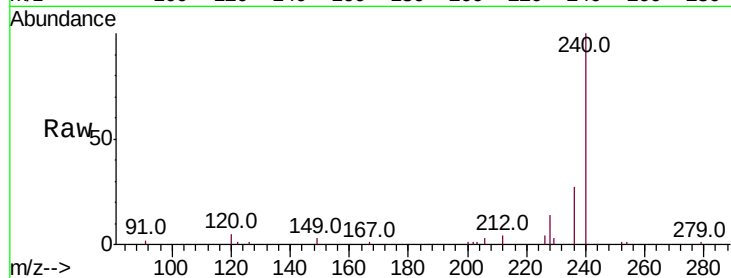




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BN010266.D
 Acq: 18 Mar 2020 16:44

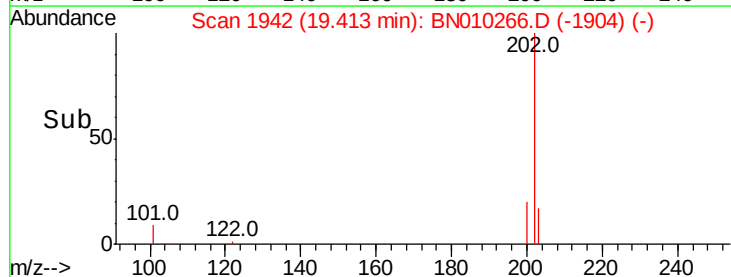
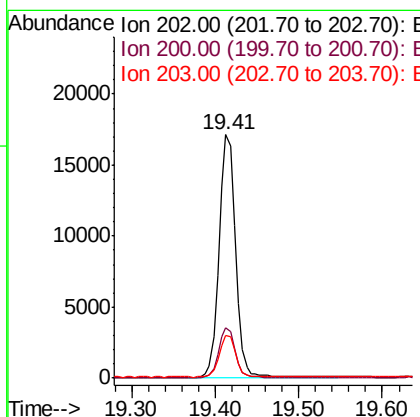
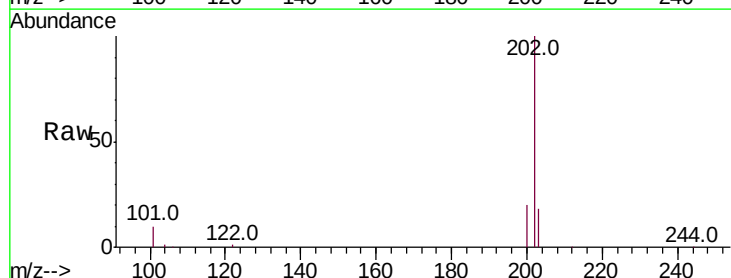
Instrument :
 BNA_N
 ClientSampleId :

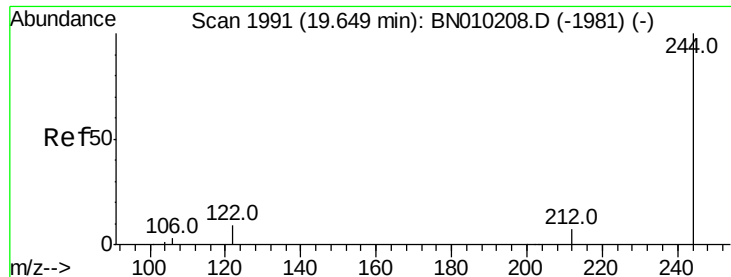
Tot Ion:240 Resp: 18223
 Ion Ratio Lower Upper
 240 100
 120 5.4 7.7 11.5#
 236 26.9 21.8 32.6



#28
 Pyrene
 Concen: 0.381 ng
 RT: 19.41 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BN010266.D
 Acq: 18 Mar 2020 16:44

Tgt Ion:202 Resp: 23197
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.6 24.8
 203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.63 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

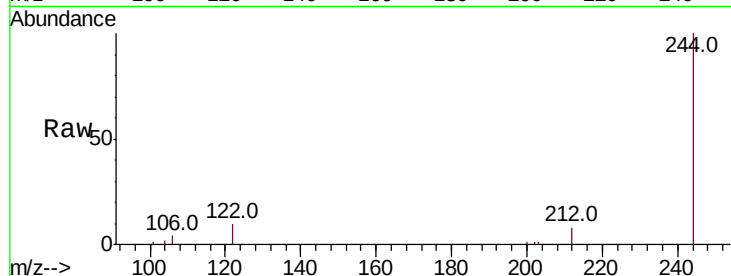
Tot Ion:244 Resp: 16246

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

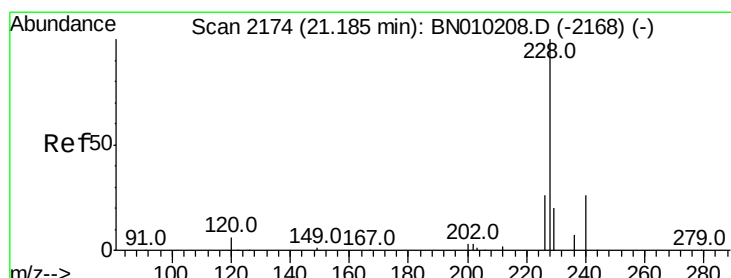
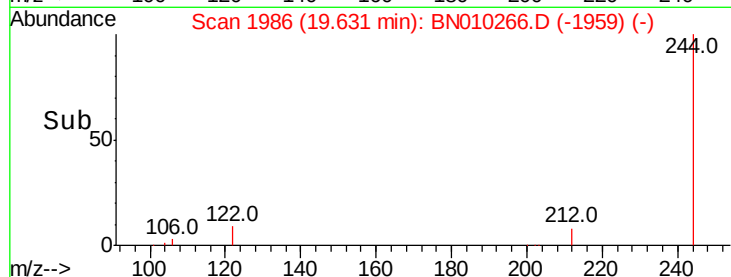
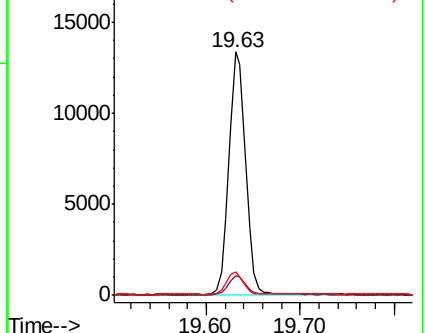
122 9.7 8.1 12.1



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: 0.352 ng

RT: 21.17 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

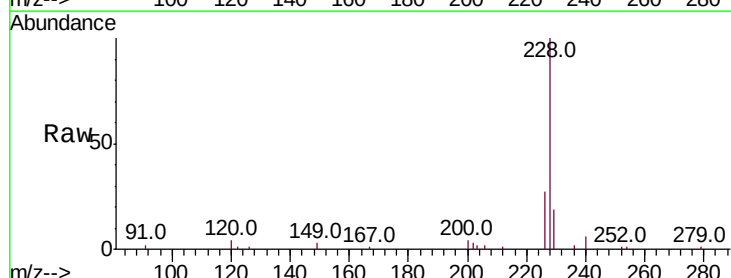
Tgt Ion:228 Resp: 21825

Ion Ratio Lower Upper

228 100

226 27.2 21.1 31.7

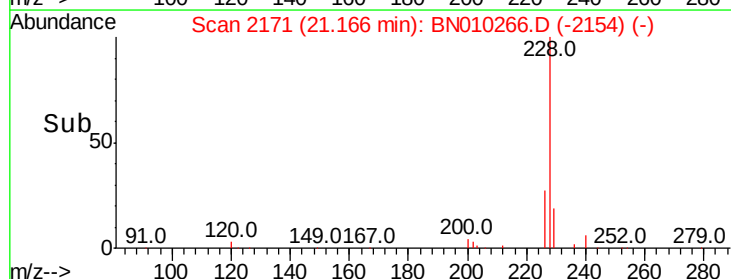
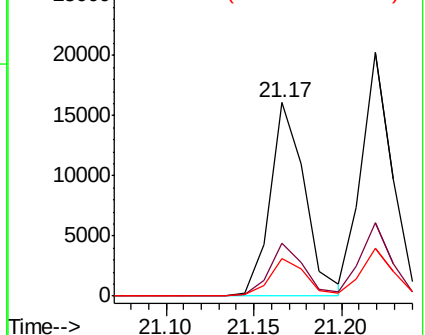
229 19.4 16.2 24.4

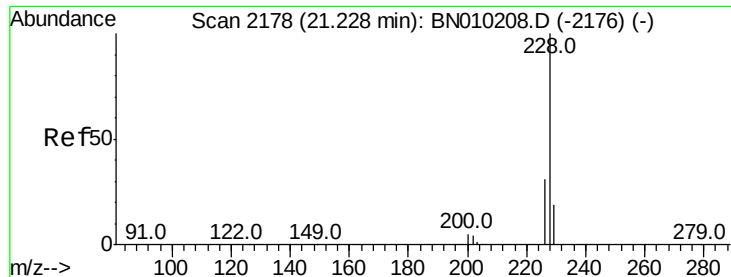


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.403 ng

RT: 21.22 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

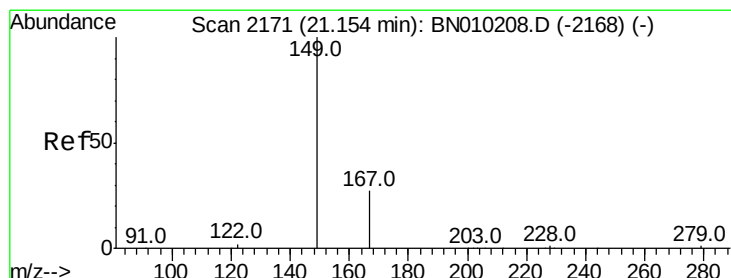
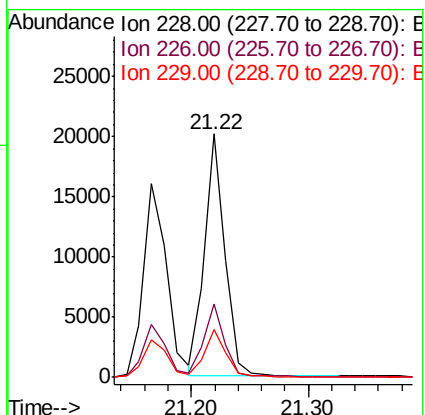
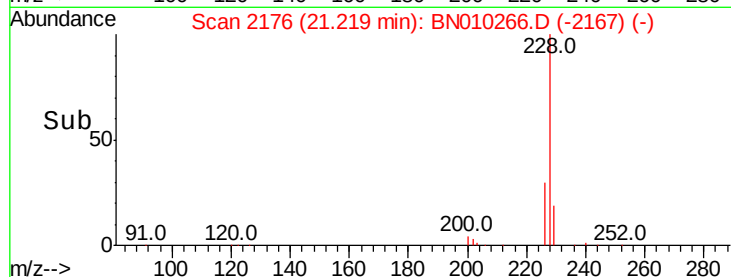
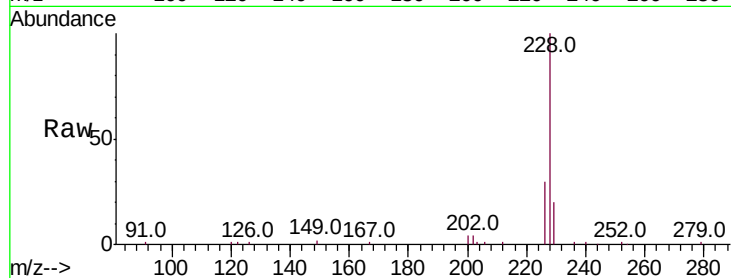
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 24598

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.4
229	19.6	15.7	23.5



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.210 ng

RT: 21.13 min Scan# 2168

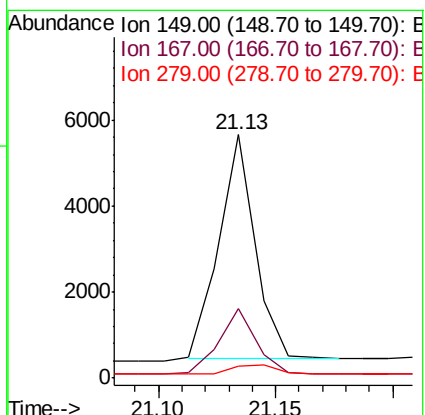
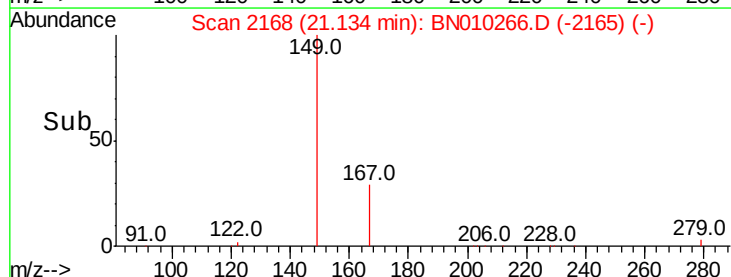
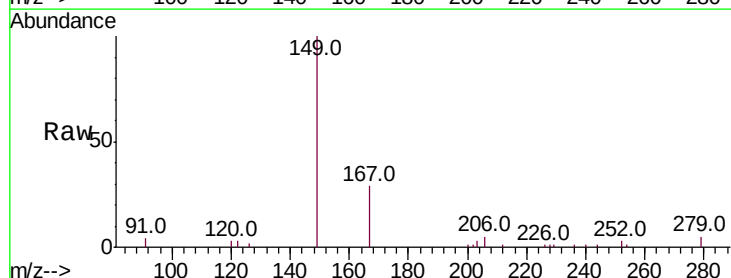
Delta R.T. -0.02 min

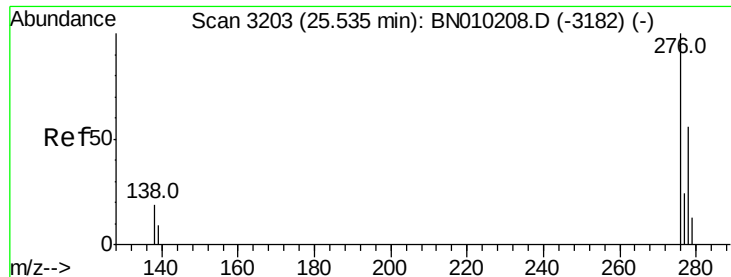
Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Tgt Ion:149 Resp: 5528

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.0	31.4
279	5.1	3.1	4.7#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.391 ng

RT: 25.50 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

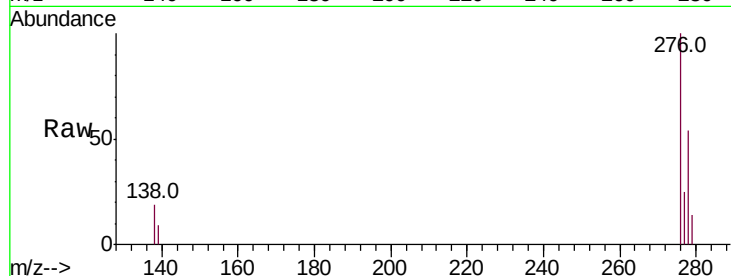
Tot Ion:276 Resp: 28303

Ion Ratio Lower Upper

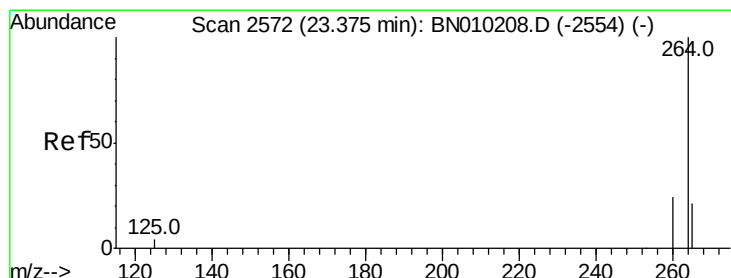
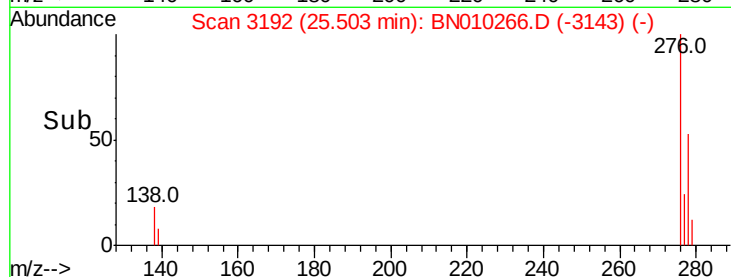
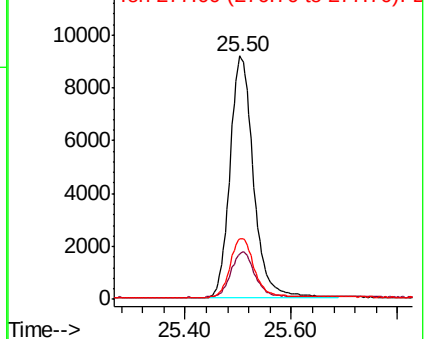
276 100

138 18.9 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

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

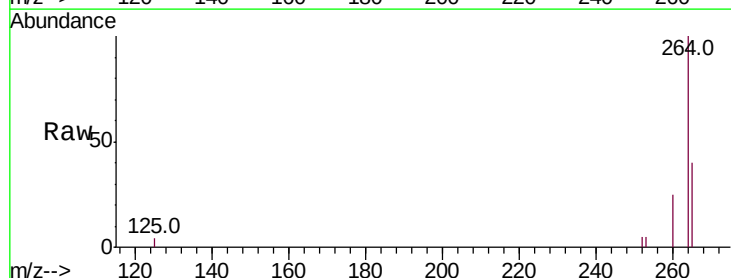
Tgt Ion:264 Resp: 19509

Ion Ratio Lower Upper

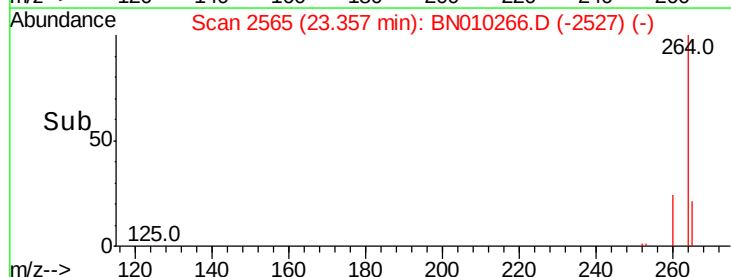
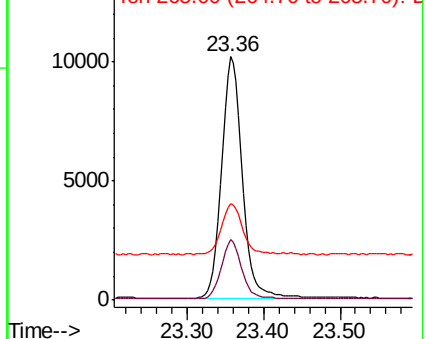
264 100

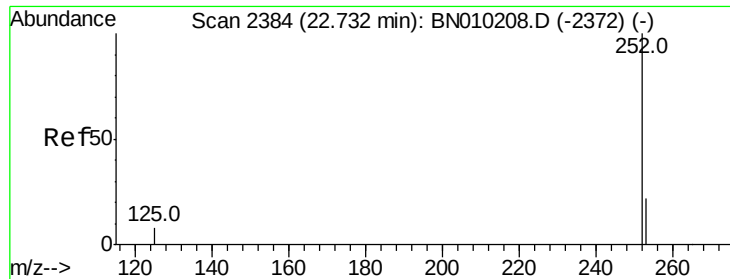
260 24.7 19.7 29.5

265 39.6 25.8 38.6#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.396 ng

RT: 22.71 min Scan# 2377

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

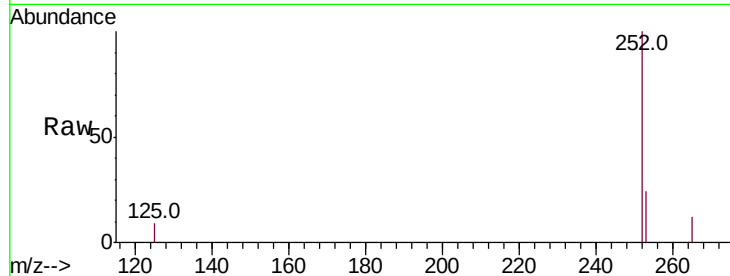
Tot Ion:252 Resp: 23733

Ion Ratio Lower Upper

252 100

253 23.6 18.6 28.0

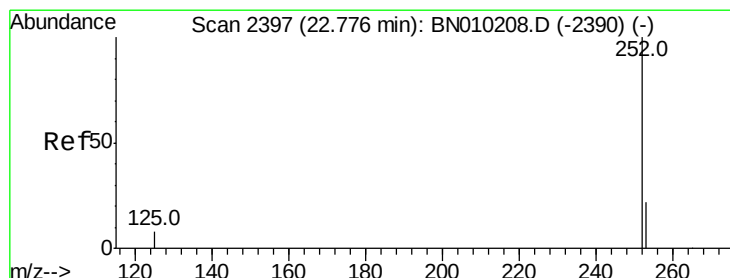
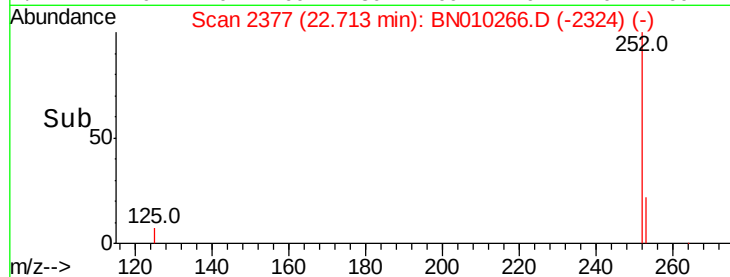
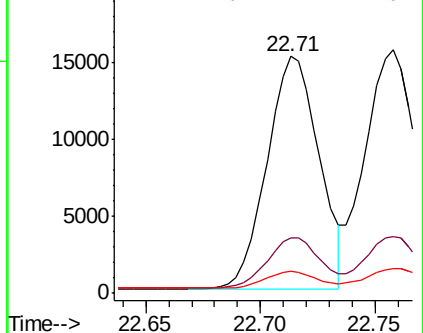
125 9.3 7.9 11.9



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: 0.427 ng

RT: 22.76 min Scan# 2390

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

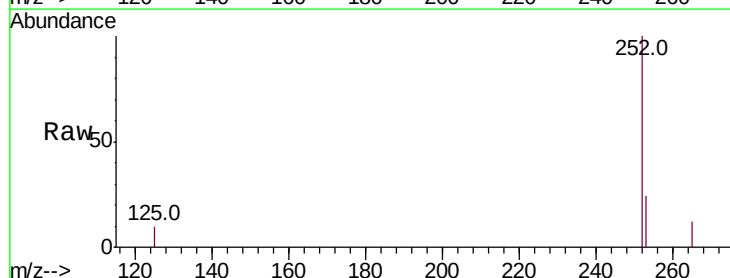
Tgt Ion:252 Resp: 25866

Ion Ratio Lower Upper

252 100

253 23.5 18.8 28.2

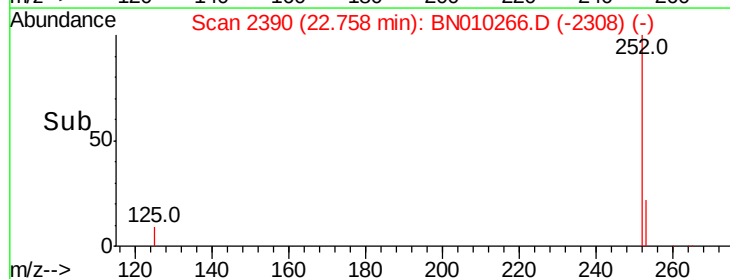
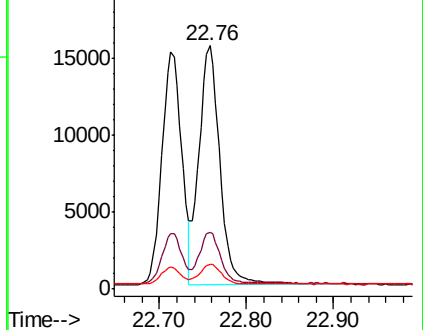
125 10.4 8.2 12.4

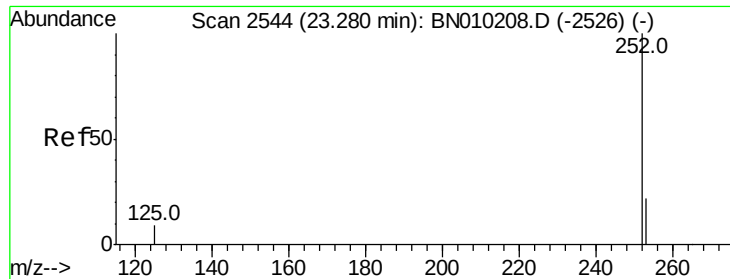


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.358 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

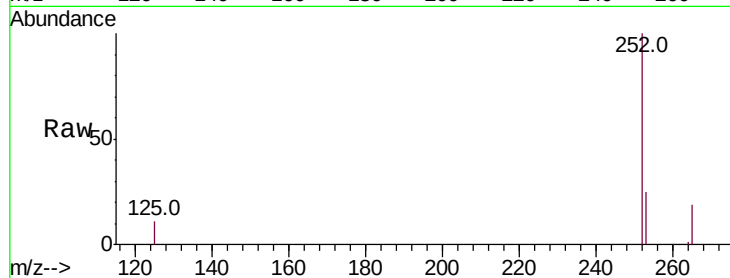
Tot Ion:252 Resp: 20274

Ion Ratio Lower Upper

252 100

253 24.8 19.1 28.7

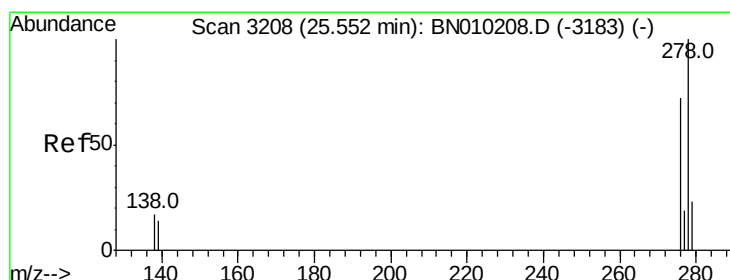
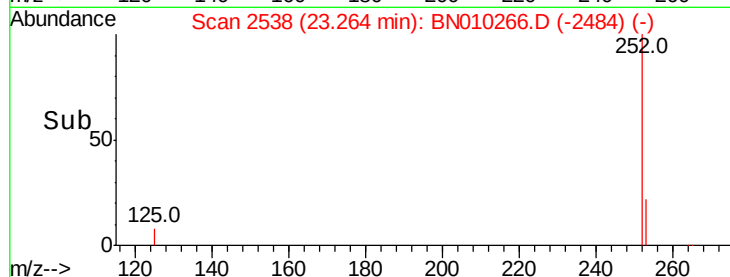
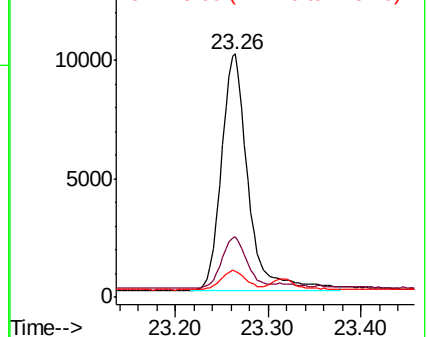
125 10.8 9.2 13.8



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: 0.411 ng

RT: 25.52 min Scan# 3197

Delta R.T. -0.03 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

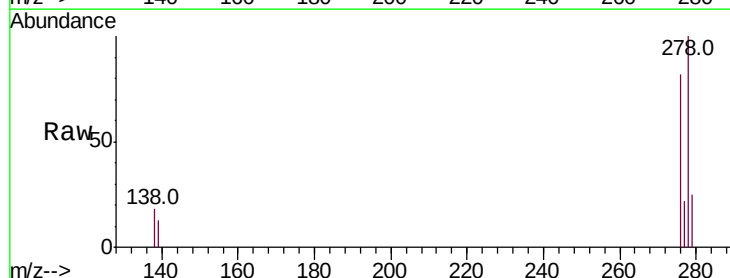
Tgt Ion:278 Resp: 23315

Ion Ratio Lower Upper

278 100

139 13.5 12.4 18.6

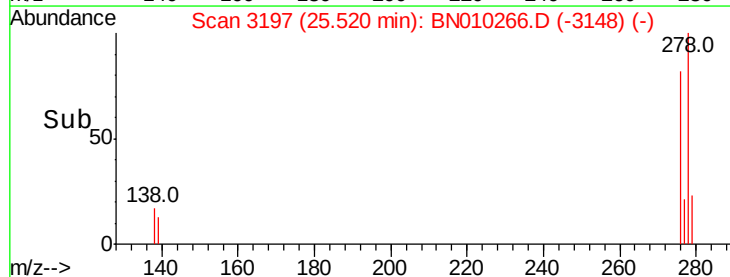
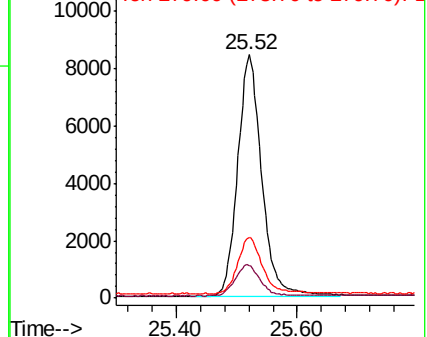
279 25.0 20.2 30.2

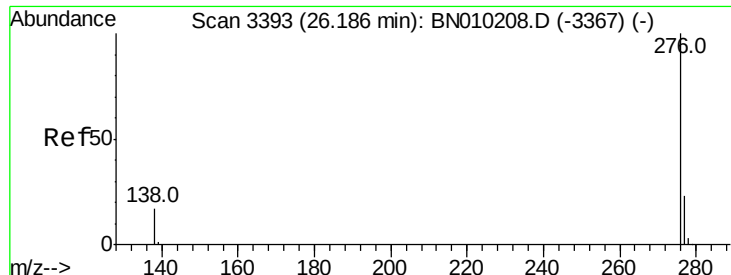


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.400 ng

RT: 26.15 min Scan# 3381

Delta R.T. -0.04 min

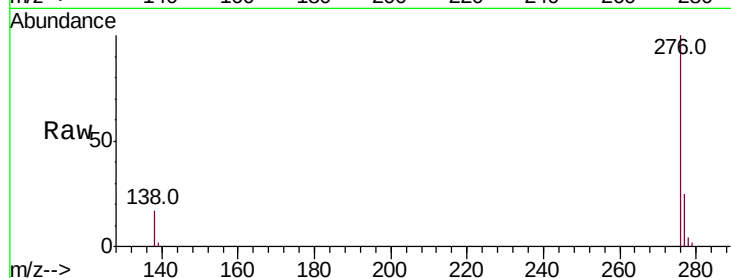
Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 22666

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.2

138 17.3 15.4 23.2

Abundance Ion 276.00 (275.70 to 276.70): E
 10000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

