

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032720\
 Data File : BN010356.D
 Acq On : 27 Mar 2020 17:45
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 27 18:20:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	6292	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	21690	0.40	ng	-0.01
13) Acenaphthene-d10	14.23	164	12776	0.40	ng	-0.02
19) Phenanthrene-d10	16.98	188	29840	0.40	ng	0.00
27) Chrysene-d12	21.19	240	29870	0.40	ng	0.00
34) Perylene-d12	23.35	264	30528	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	5093	0.41	ng	0.00
5) Phenol-d6	6.80	99	6396	0.41	ng	0.00
8) Nitrobenzene-d5	8.75	82	5714	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	15572	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1779	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	20024	0.41	ng	0.00
25) Fluoranthene-d10	19.02	212	38834	0.43	ng	0.00
29) Terphenyl-d14	19.63	244	27148	0.42	ng	0.00

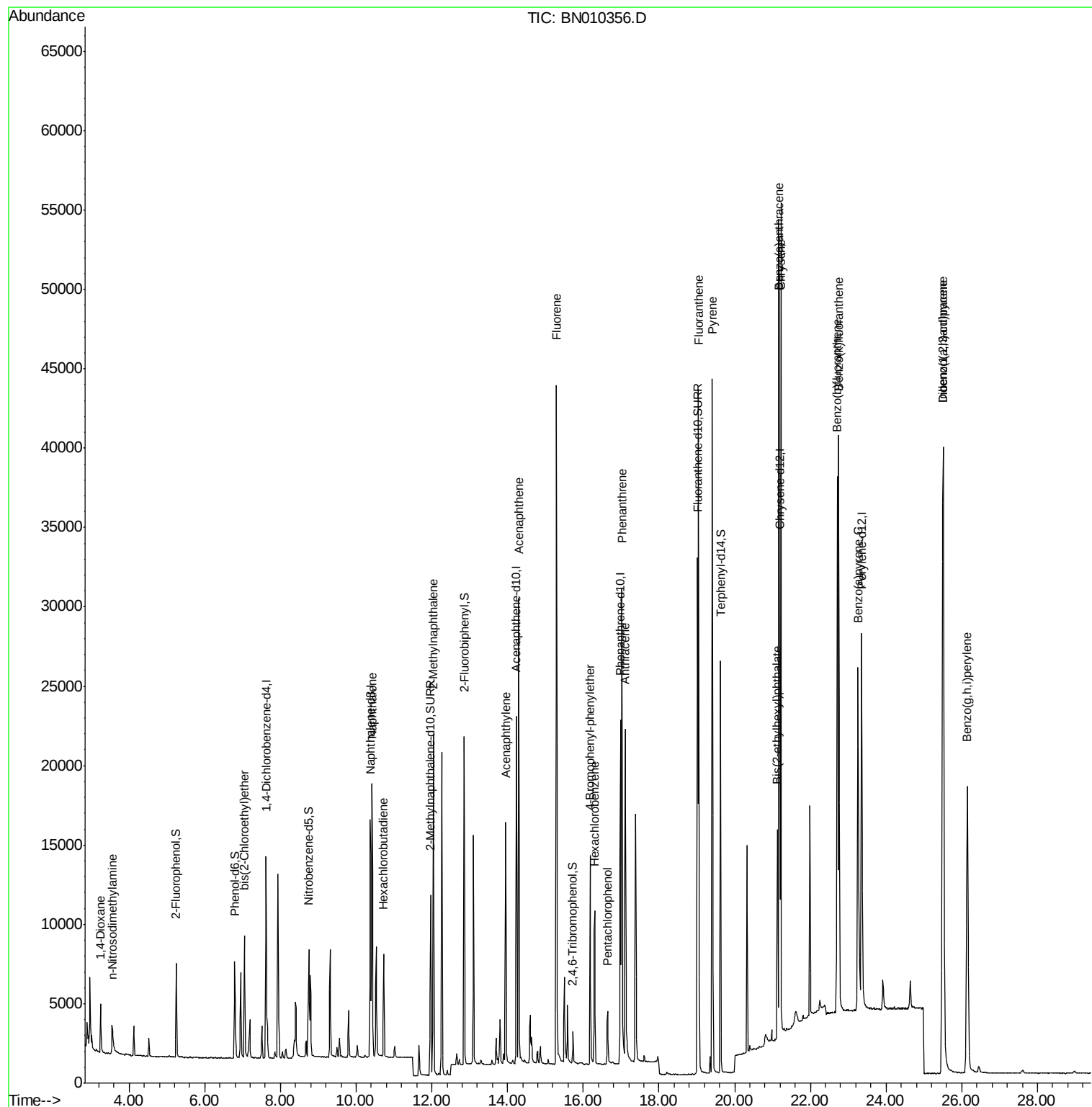
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	2294	0.388	ng	# 82
3) n-Nitrosodimethylamine	3.55	42	1335	0.267	ng	# 49
6) bis(2-Chloroethyl)ether	7.05	93	6154	0.414	ng	92
9) Naphthalene	10.42	128	22083	0.408	ng	100
10) Hexachlorobutadiene	10.72	225	5562	0.424	ng	# 99
12) 2-Methylnaphthalene	12.04	142	15115	0.403	ng	100
16) Acenaphthylene	13.95	152	17962	0.358	ng	100
17) Acenaphthene	14.30	154	14337	0.401	ng	98
18) Fluorene	15.29	166	18471	0.389	ng	99
20) 4-Bromophenyl-phenylether	16.18	248	6748	0.373	ng	95
21) Hexachlorobenzene	16.30	284	7792	0.419	ng	98
22) Pentachlorophenol	16.64	266	2023	0.318	ng	95
23) Phenanthrene	17.02	178	32321	0.394	ng	100
24) Anthracene	17.11	178	25775	0.368	ng	100
26) Fluoranthene	19.05	202	39115	0.389	ng	100
28) Pyrene	19.41	202	40877	0.440	ng	99
30) Benzo(a)anthracene	21.17	228	36876	0.388	ng	99
31) Chrysene	21.22	228	41890	0.411	ng	100
32) Bis(2-ethylhexyl)phthalate	21.12	149	10977	0.342	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	50230	0.460	ng	100
35) Benzo(b)fluoranthene	22.71	252	40429	0.390	ng	99
36) Benzo(k)fluoranthene	22.75	252	44871	0.425	ng	99
37) Benzo(a)pyrene	23.26	252	34283	0.392	ng	99
38) Dibenzo(a,h)anthracene	25.51	278	40600	0.429	ng	100
39) Benzo(g,h,i)perylene	26.15	276	38733	0.407	ng	99

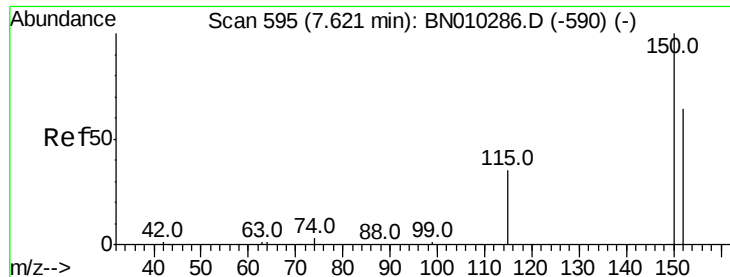
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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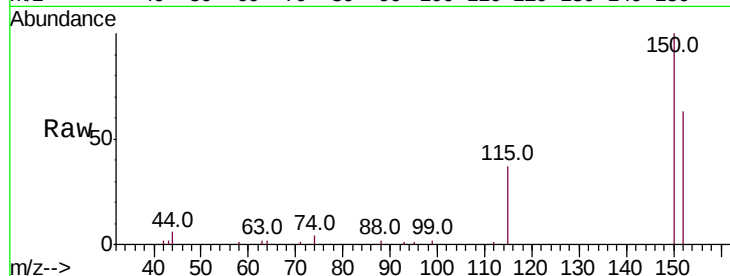


#1

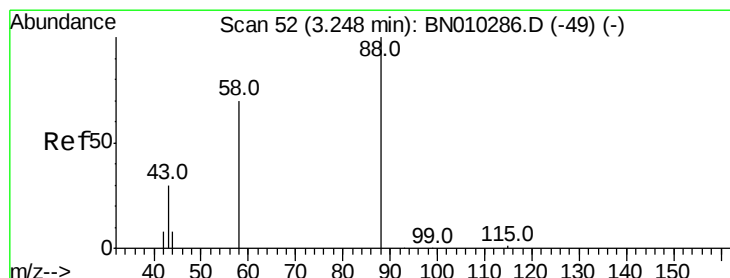
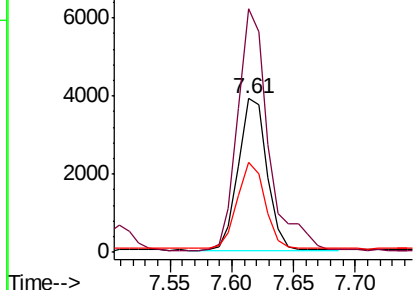
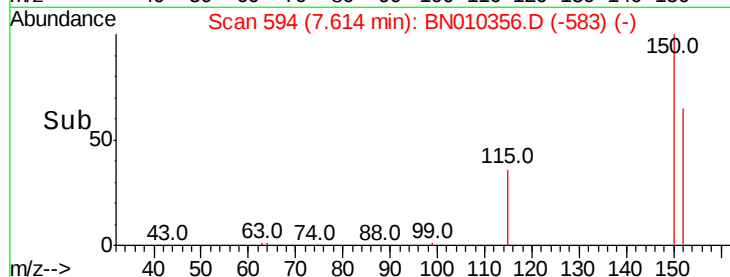
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 6292
Ion Ratio Lower Upper
152 100
150 158.2 123.1 184.7
115 58.1 45.2 67.8



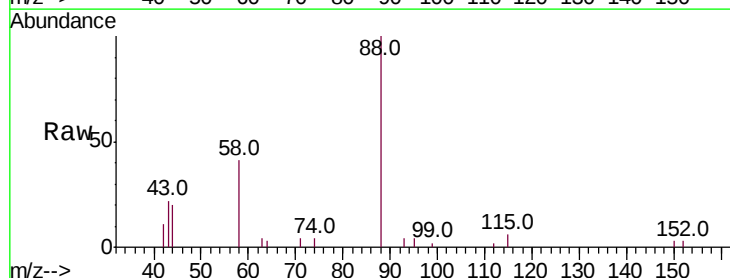
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



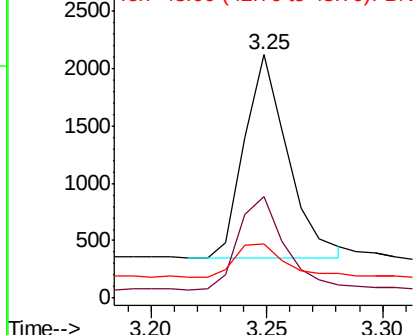
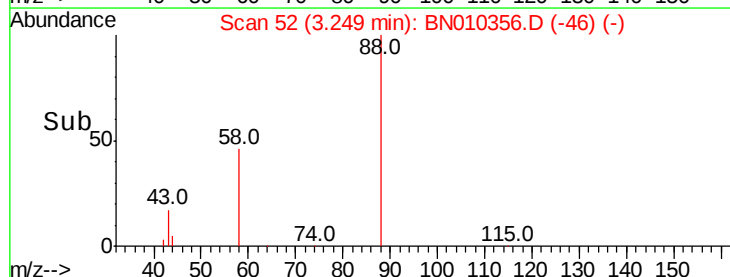
#2

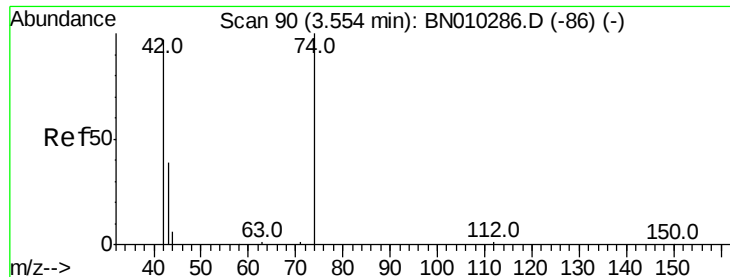
1,4-Dioxane
Concen: 0.388 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion: 88 Resp: 2294
Ion Ratio Lower Upper
88 100
58 49.0 51.7 77.5#
43 18.8 21.2 31.8#



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: 0.267 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

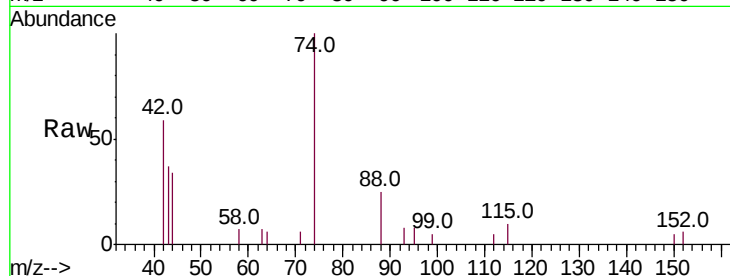
Tot Ion: 42 Resp: 1335

Ion Ratio Lower Upper

42 100

74 184.2 99.4 149.0#

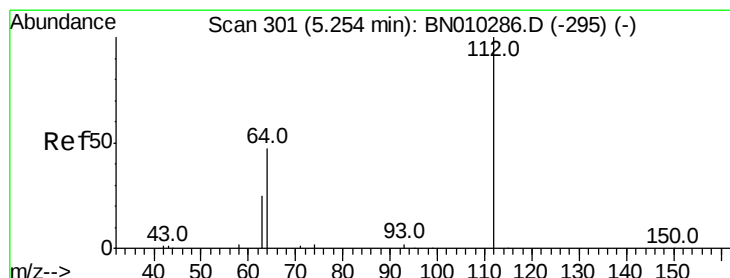
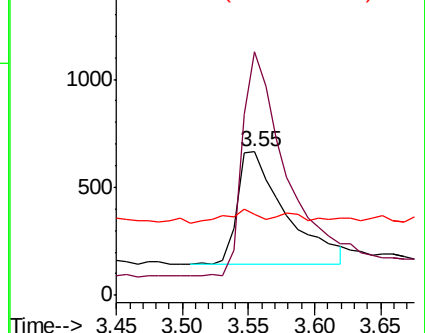
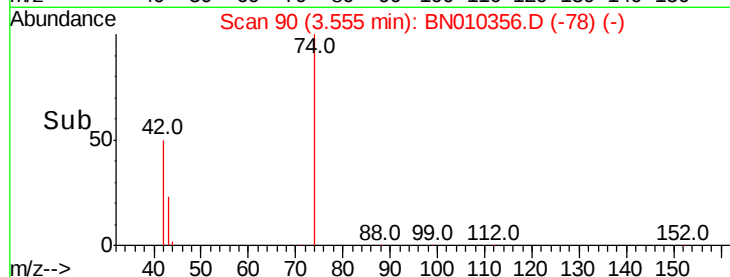
44 7.6 4.8 7.2#



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: 0.409 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

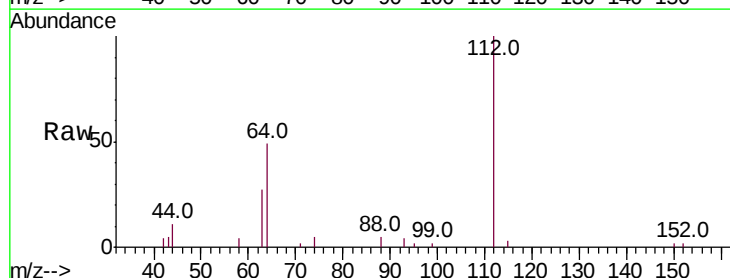
Tgt Ion: 112 Resp: 5093

Ion Ratio Lower Upper

112 100

64 46.1 41.4 62.2

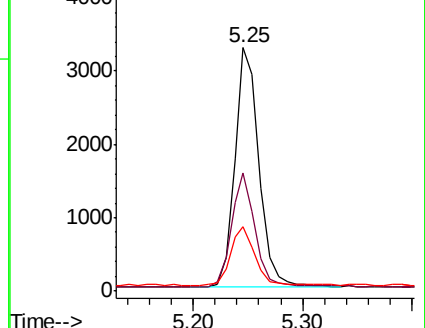
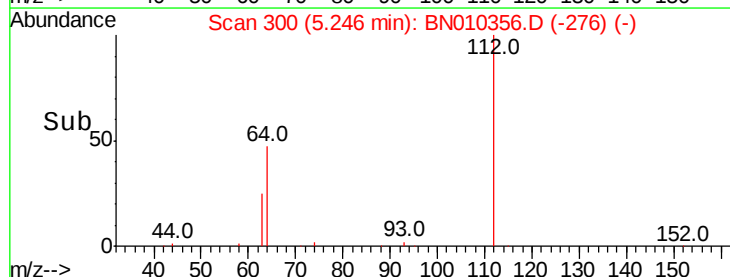
63 25.0 22.9 34.3

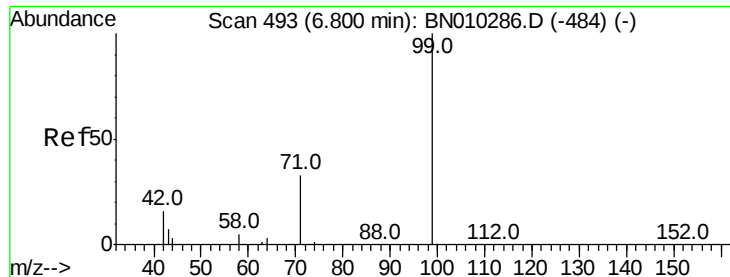


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.413 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

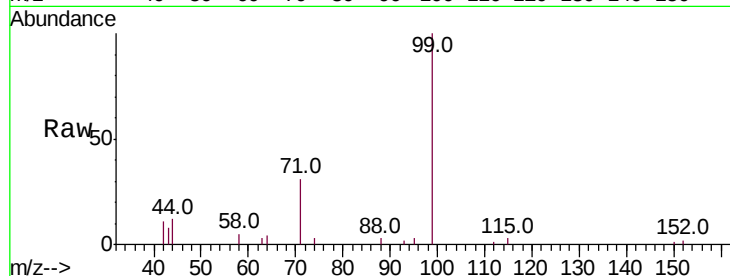
Tot Ion: 99 Resp: 6396

Ion Ratio Lower Upper

99 100

42 12.8 14.8 22.2#

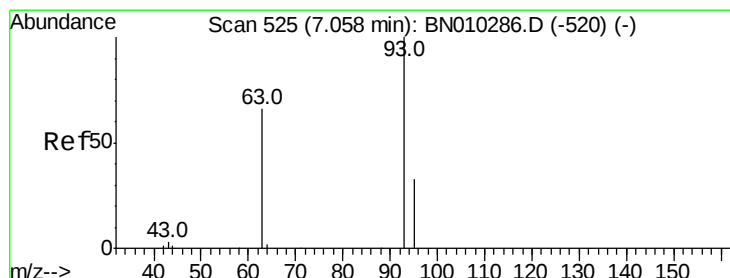
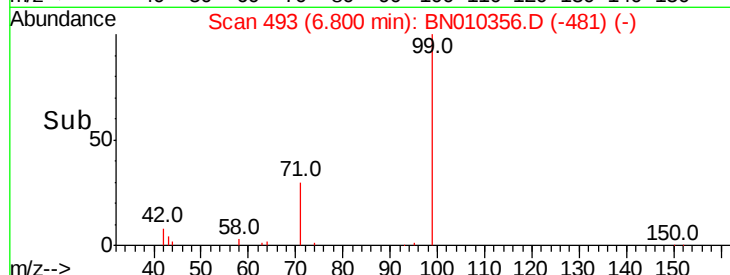
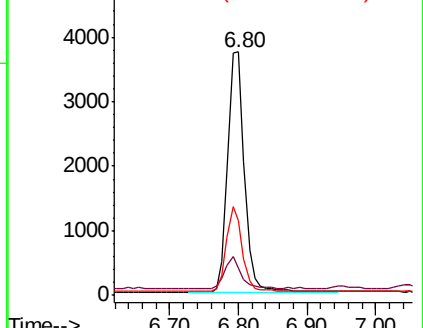
71 32.9 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010356.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN010356.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN010356.D (-500) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.414 ng

RT: 7.05 min Scan# 524

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

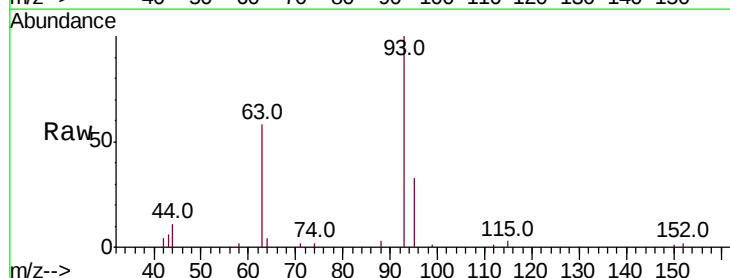
Tgt Ion: 93 Resp: 6154

Ion Ratio Lower Upper

93 100

63 59.9 55.6 83.4

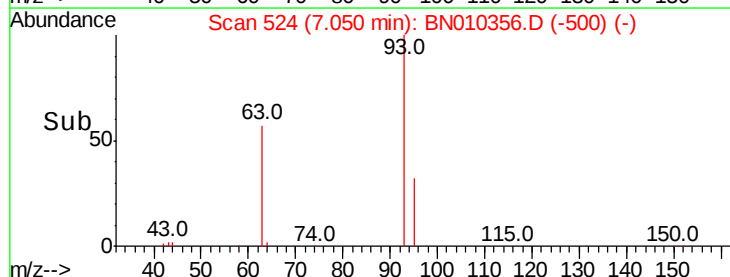
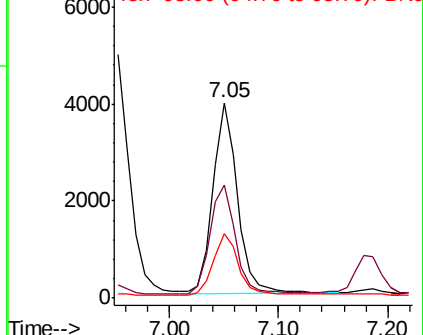
95 33.2 26.2 39.4

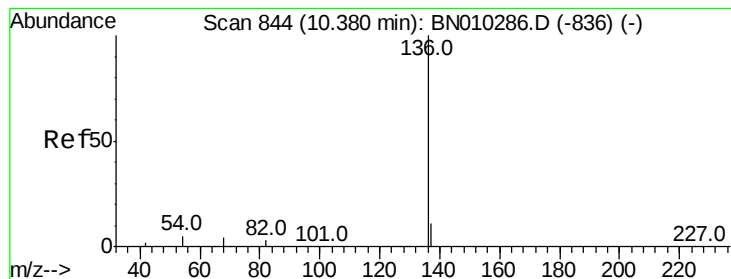


Abundance Ion 93.00 (92.70 to 93.70): BN010356.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010356.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010356.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 21690

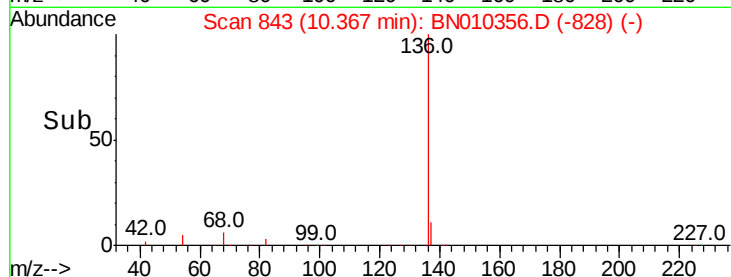
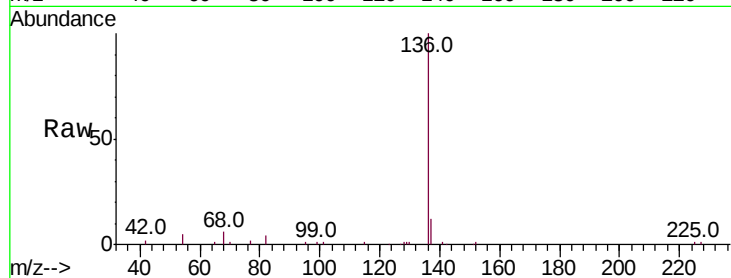
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 5.3 4.8 7.2

68 6.4 4.1 6.1#

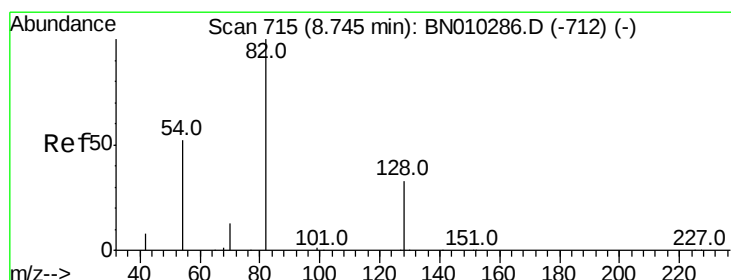
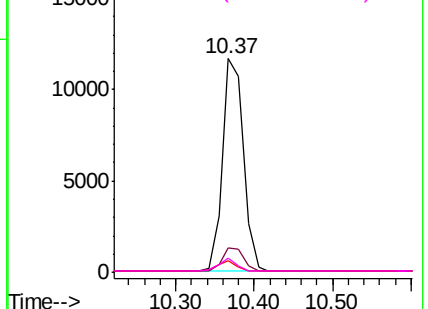


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

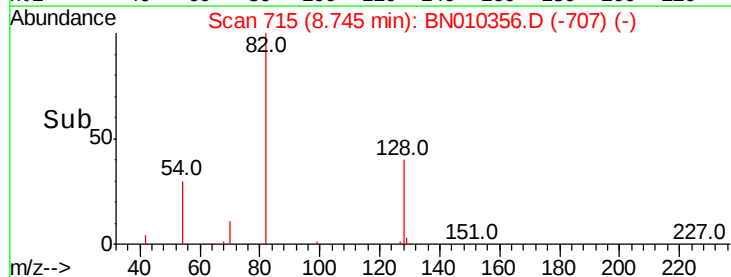
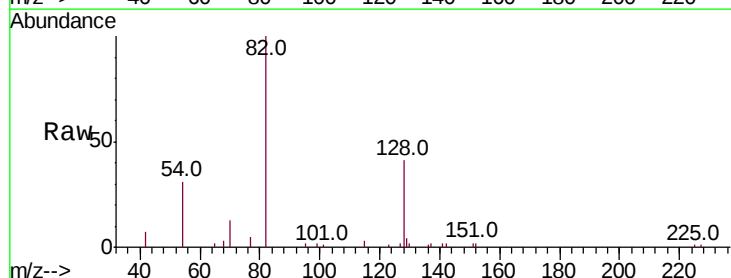
Tgt Ion: 82 Resp: 5714

Ion Ratio Lower Upper

82 100

128 41.3 28.8 43.2

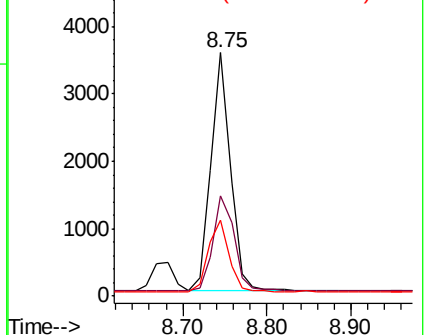
54 31.3 42.1 63.1#

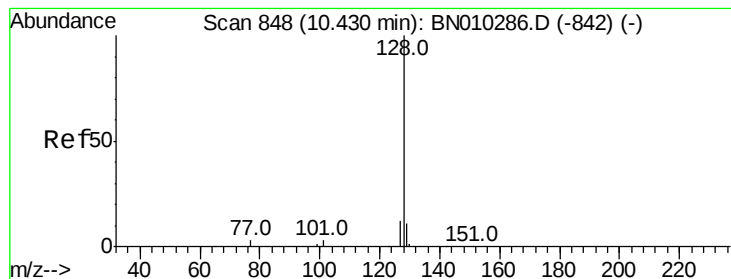


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.408 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

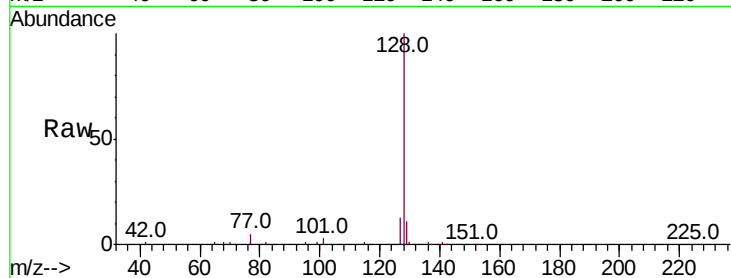
Tot Ion:128 Resp: 22083

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

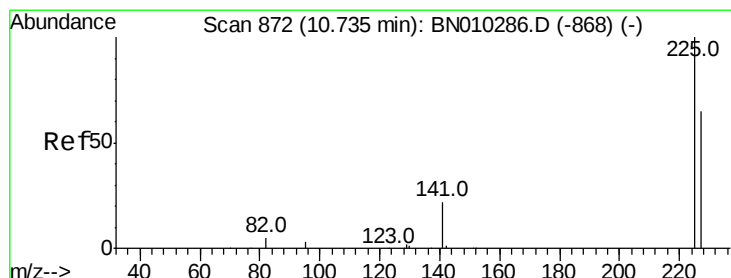
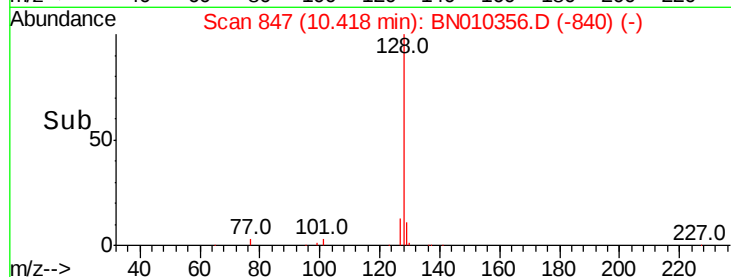
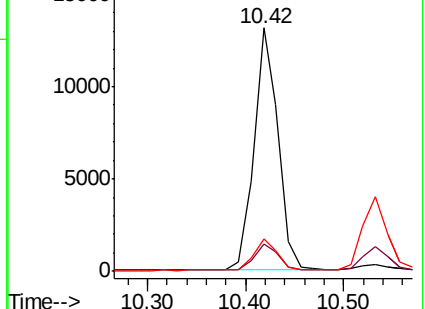
127 13.1 10.4 15.6



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: 10.72 min Scan# 871

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

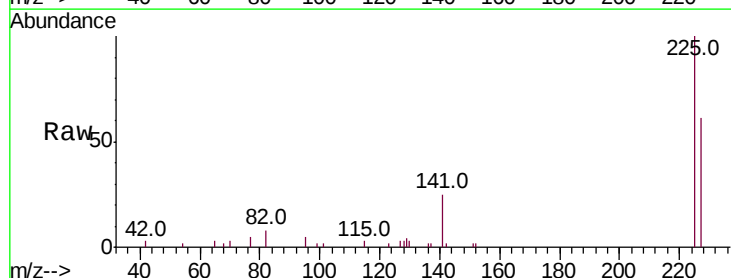
Tgt Ion:225 Resp: 5562

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

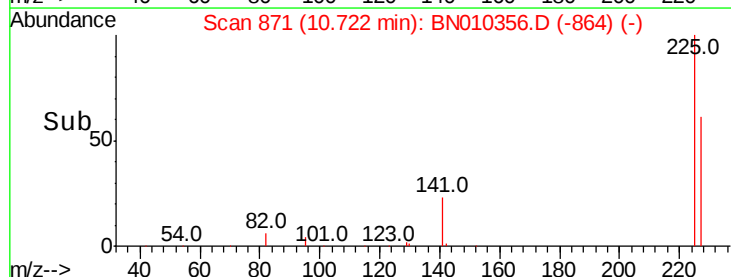
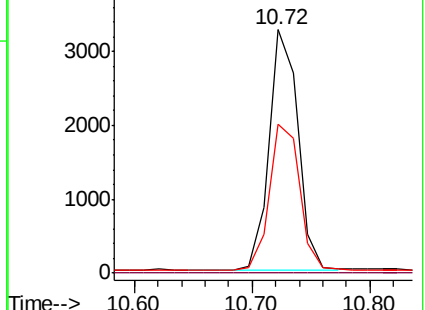
227 63.9 51.9 77.9

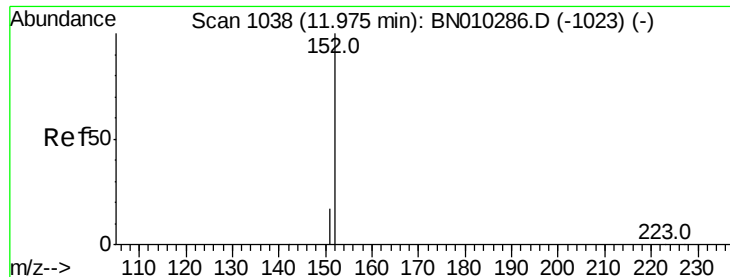


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

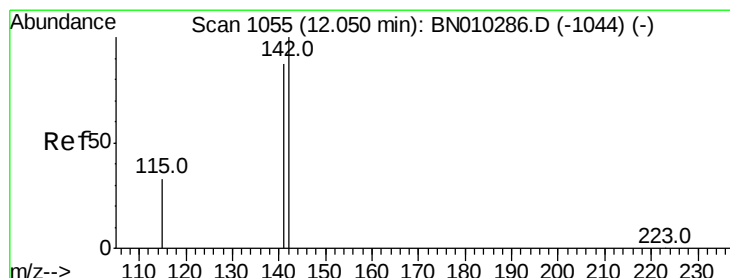
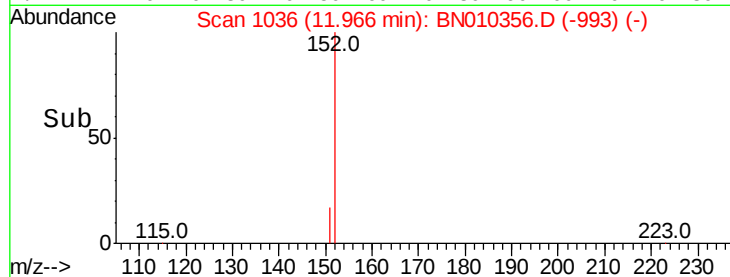
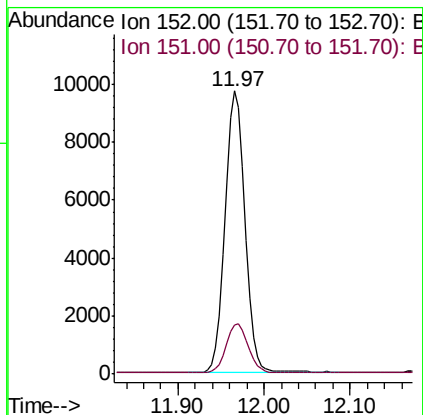
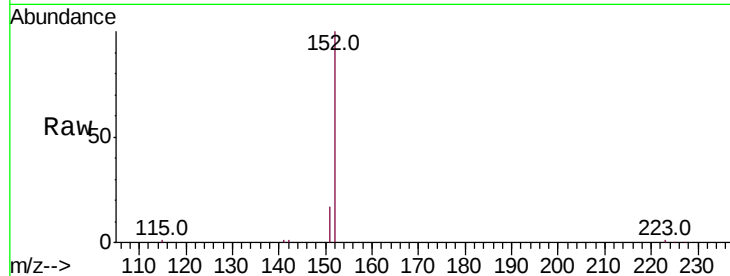




#11
2-Methylnaphthalene-d10
Concen: 0.450 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

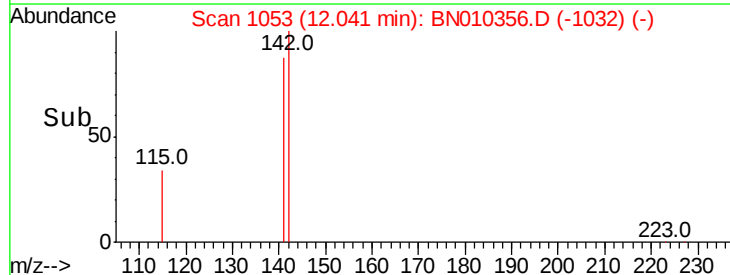
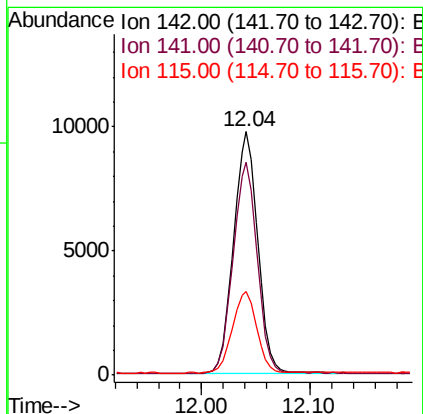
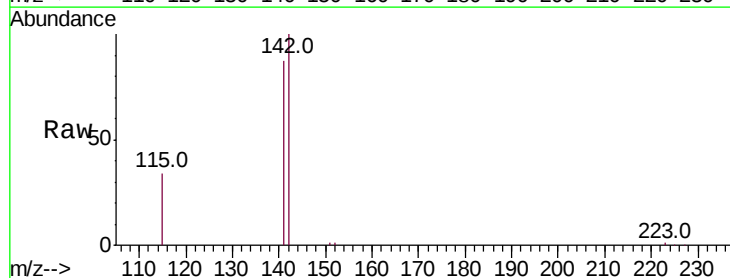
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

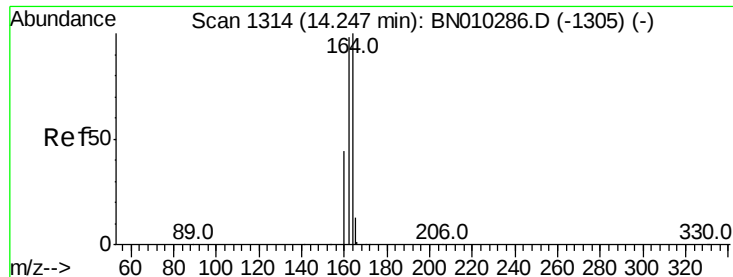
Tot Ion:152 Resp: 15572
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:142 Resp: 15115
Ion Ratio Lower Upper
142 100
141 87.2 69.5 104.3
115 34.3 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.23 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

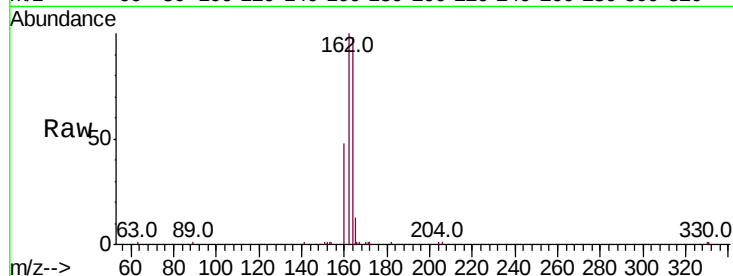
Tot Ion:164 Resp: 12776

Ion Ratio Lower Upper

164 100

162 102.3 78.2 117.2

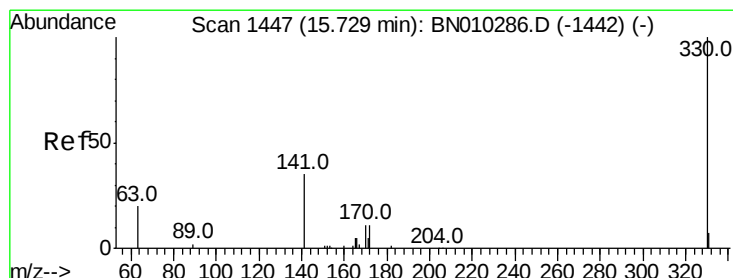
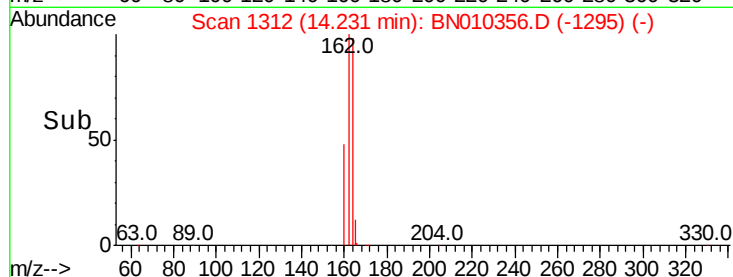
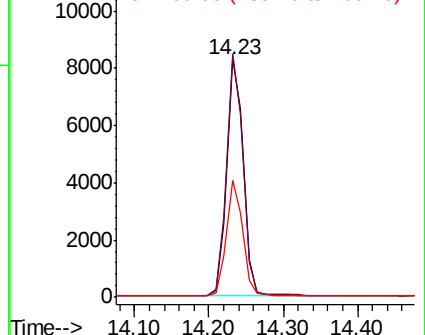
160 48.9 35.8 53.6



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: 0.362 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

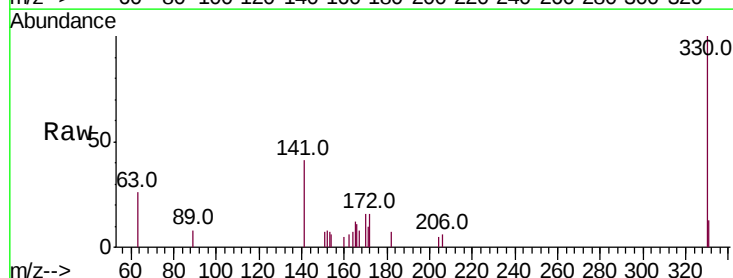
Tgt Ion:330 Resp: 1779

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

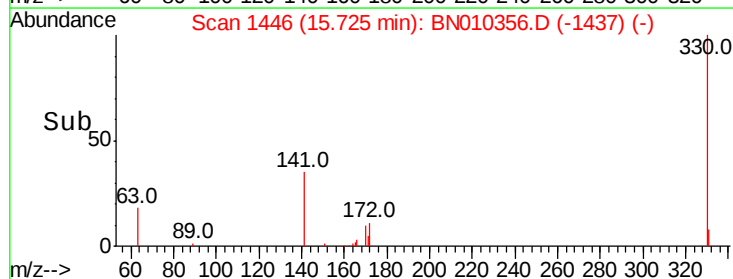
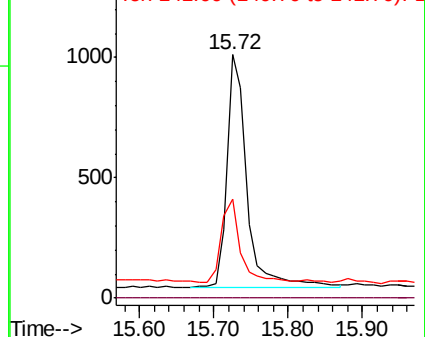
141 33.3 29.3 43.9

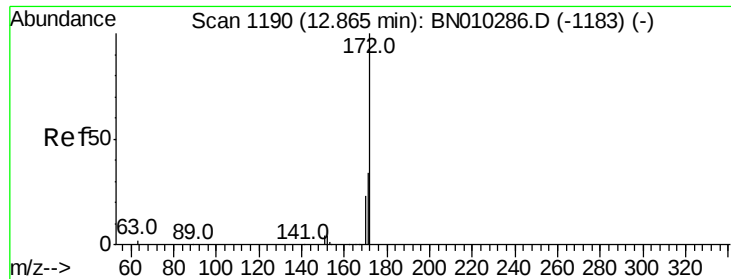


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

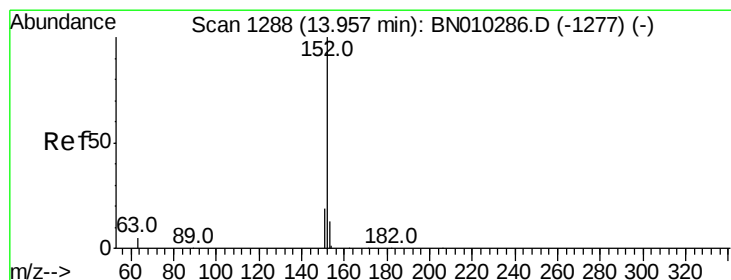
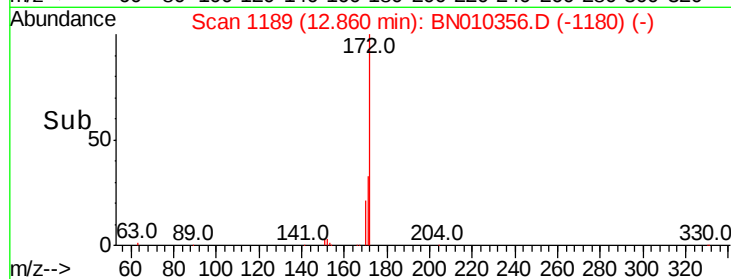
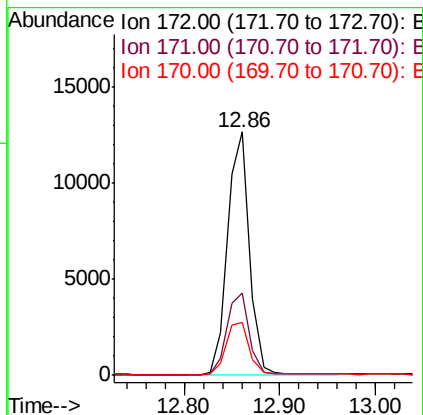
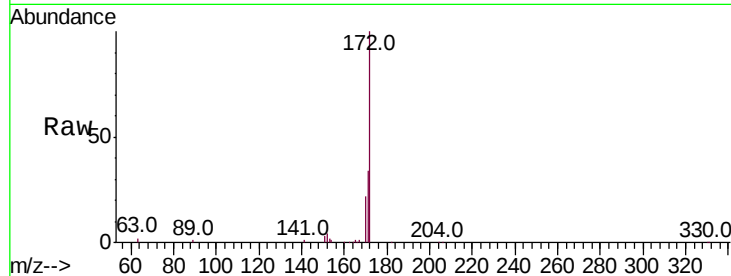




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

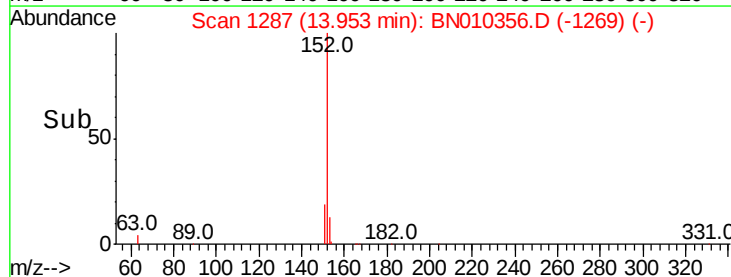
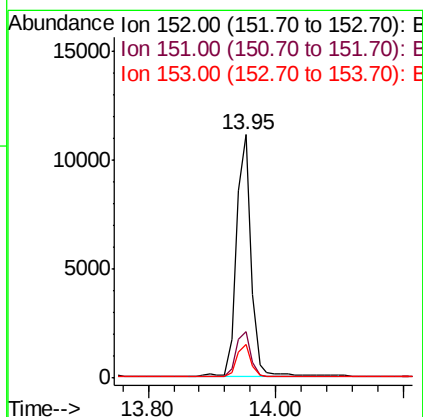
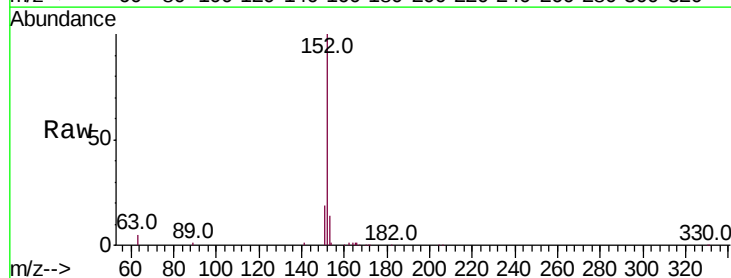
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

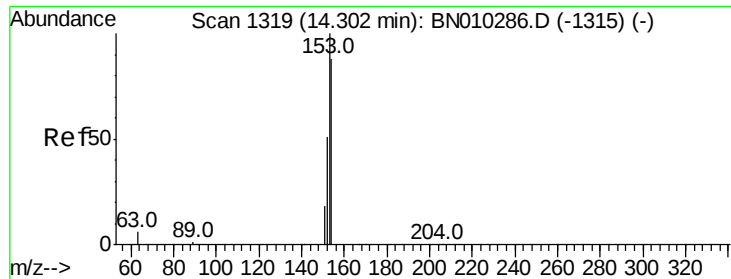
Tot Ion:172 Resp: 20024
Ion Ratio Lower Upper
172 100
171 33.6 27.6 41.4
170 21.8 18.5 27.7



#16
Acenaphthylene
Concen: 0.358 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:152 Resp: 17962
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 13.3 10.6 15.8





#17

Acenaphthene

Concen: 0.401 ng

RT: 14.30 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

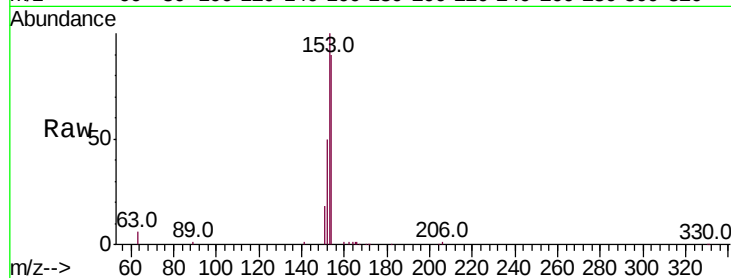
Tot Ion:154 Resp: 14337

Ion Ratio Lower Upper

154 100

153 112.7 88.1 132.1

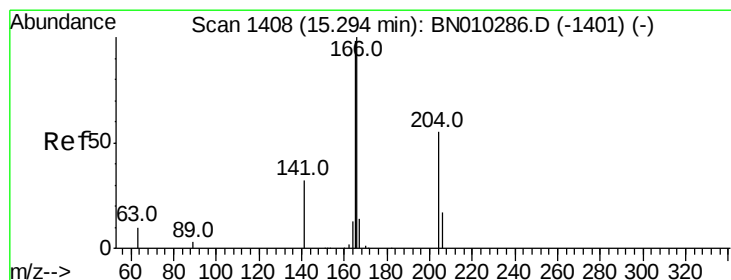
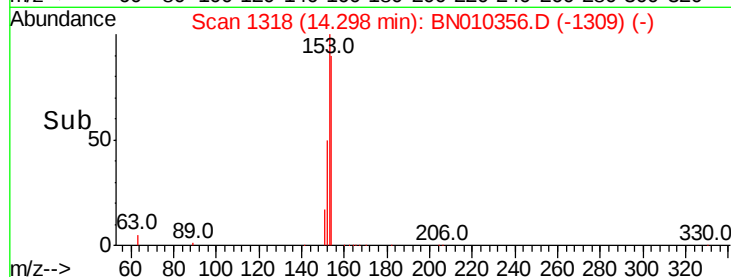
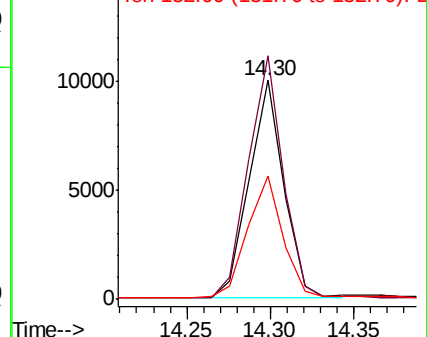
152 57.1 45.5 68.3



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: 0.389 ng

RT: 15.29 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

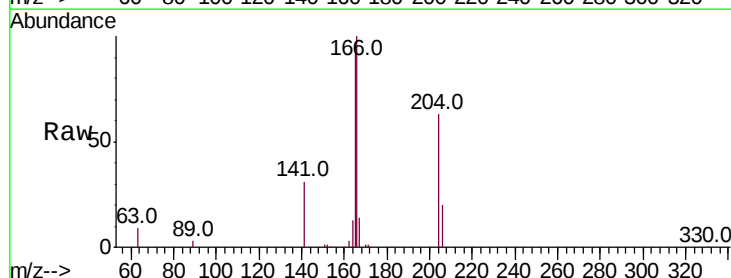
Tgt Ion:166 Resp: 18471

Ion Ratio Lower Upper

166 100

165 97.8 78.7 118.1

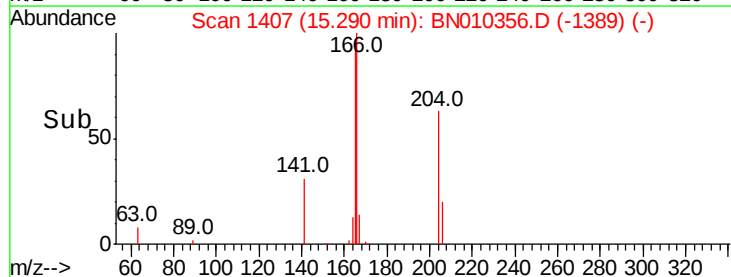
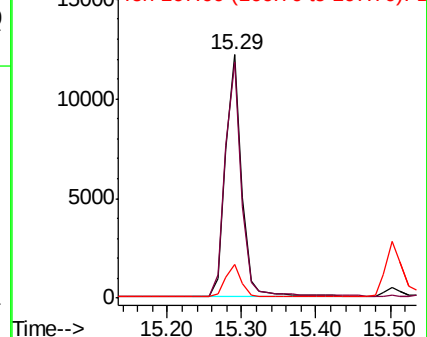
167 13.8 11.0 16.4

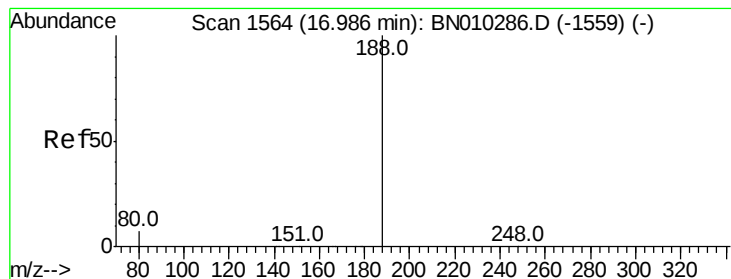


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

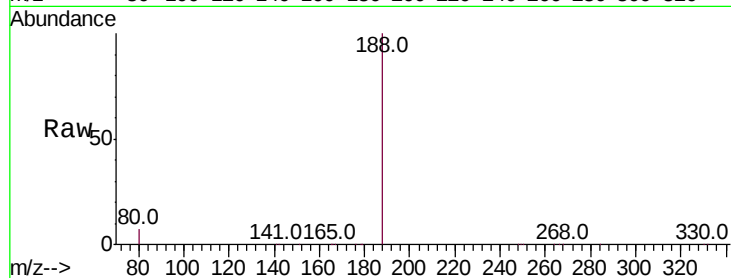
Tot Ion:188 Resp: 29840

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

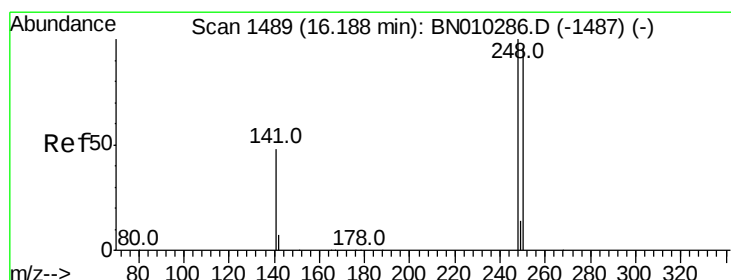
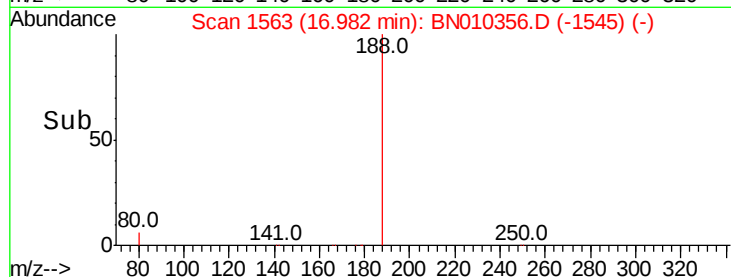
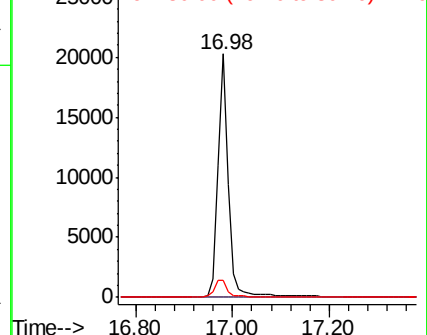
80 6.8 6.0 9.0



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: 0.373 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

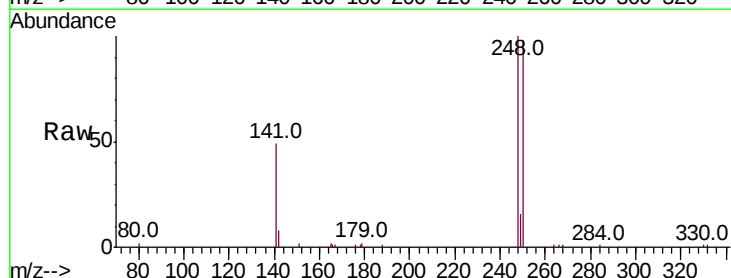
Tgt Ion:248 Resp: 6748

Ion Ratio Lower Upper

248 100

250 97.7 76.8 115.2

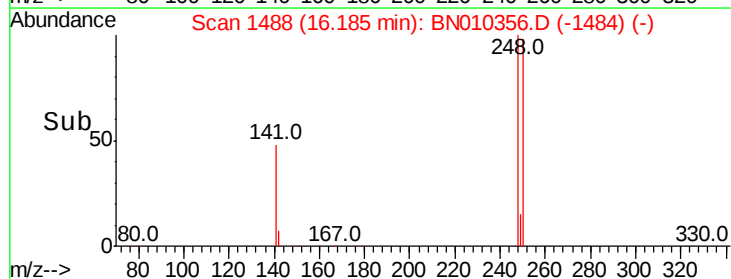
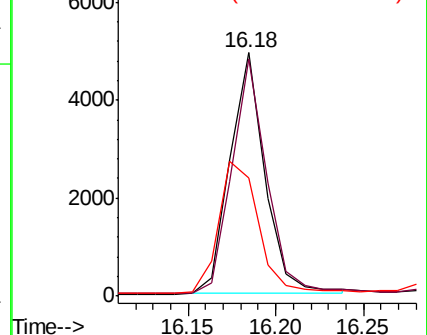
141 48.7 44.4 66.6

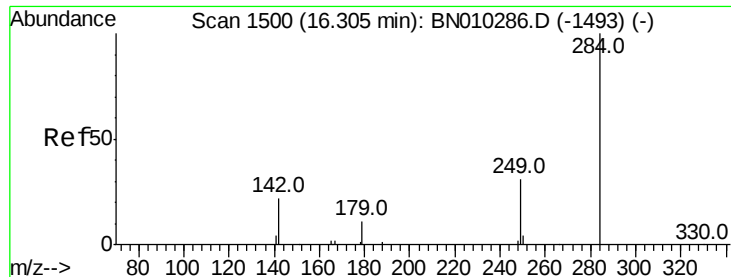


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.419 ng

RT: 16.30 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

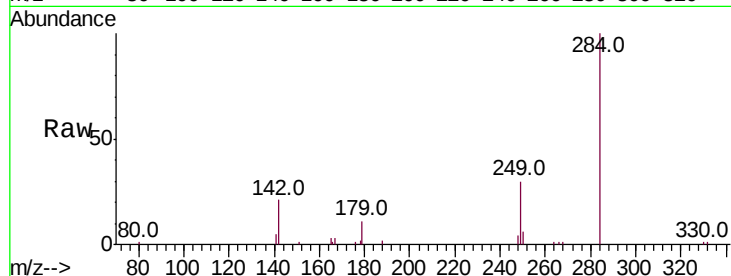
Tot Ion:284 Resp: 7792

Ion Ratio Lower Upper

284 100

142 33.0 27.4 41.2

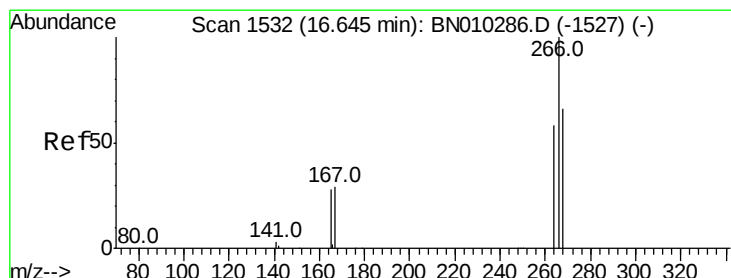
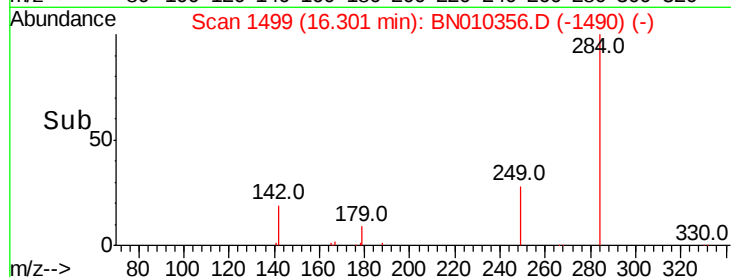
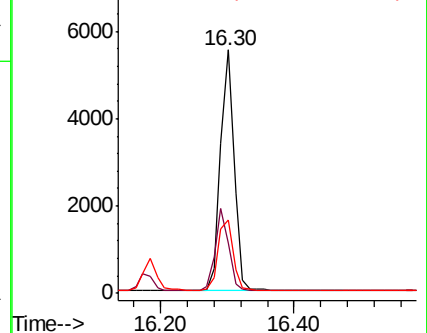
249 31.7 26.5 39.7



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: 0.318 ng

RT: 16.64 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

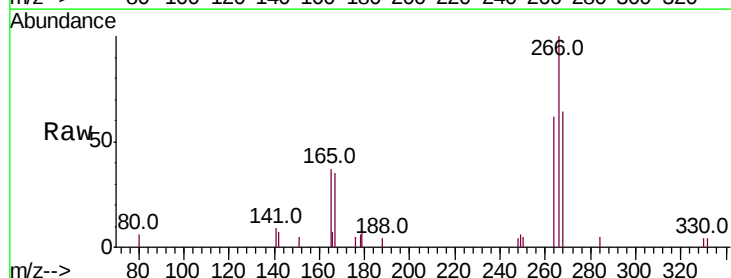
Tgt Ion:266 Resp: 2023

Ion Ratio Lower Upper

266 100

264 61.8 47.7 71.5

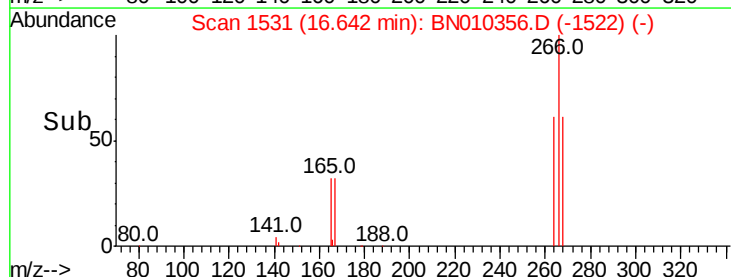
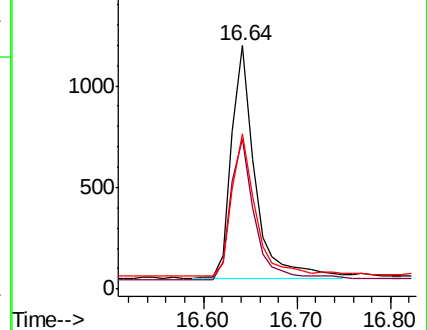
268 63.8 54.9 82.3

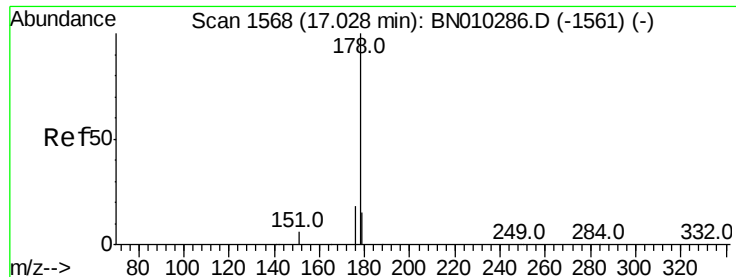


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.394 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

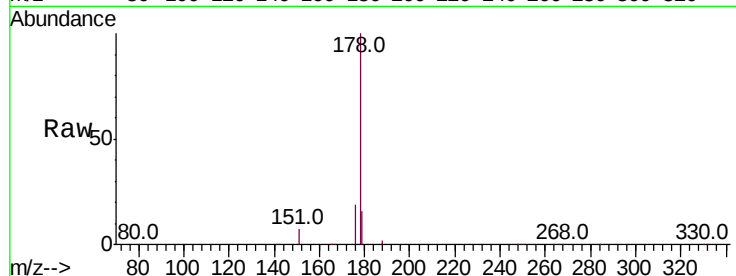
Tot Ion:178 Resp: 32321

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

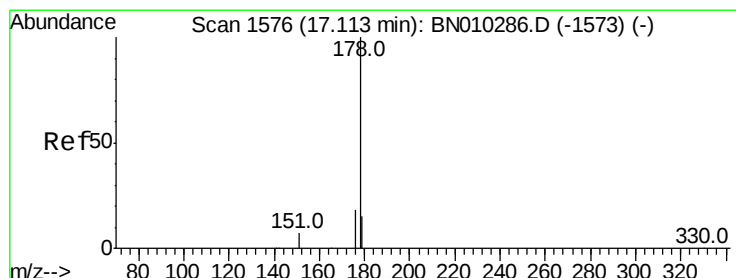
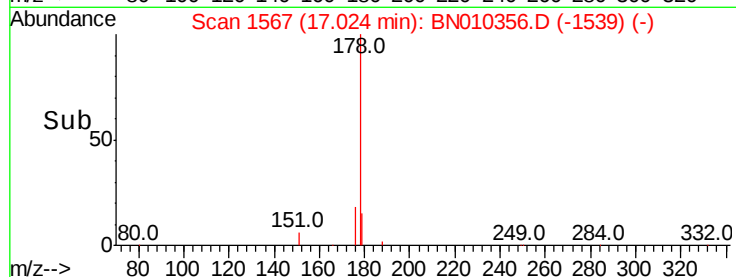
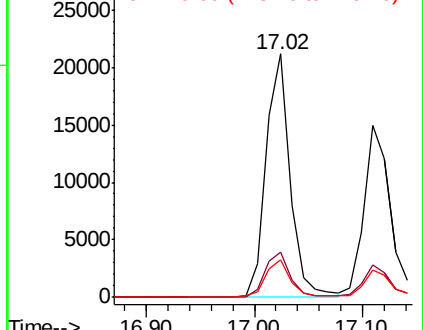
179 15.4 12.4 18.6



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: 0.368 ng

RT: 17.11 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

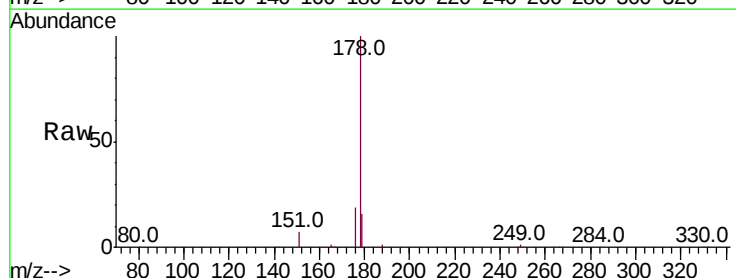
Tgt Ion:178 Resp: 25775

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

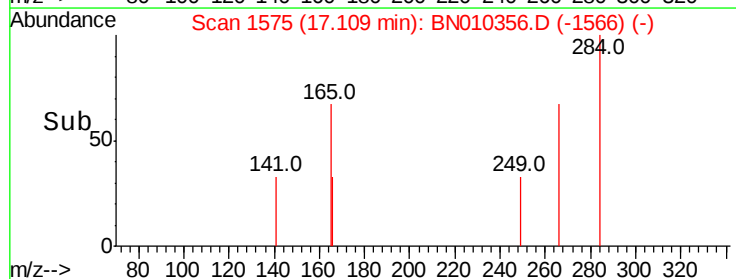
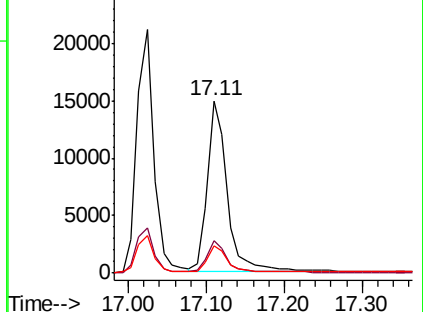
179 15.2 12.3 18.5

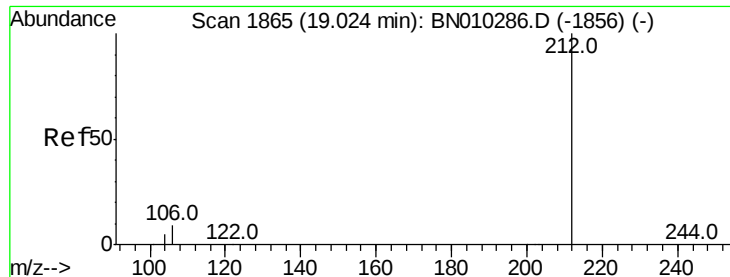


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.432 ng

RT: 19.02 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

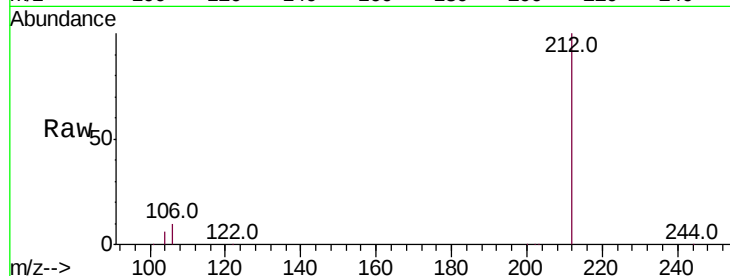
Tot Ion:212 Resp: 38834

Ion Ratio Lower Upper

212 100

106 9.5 7.4 11.2

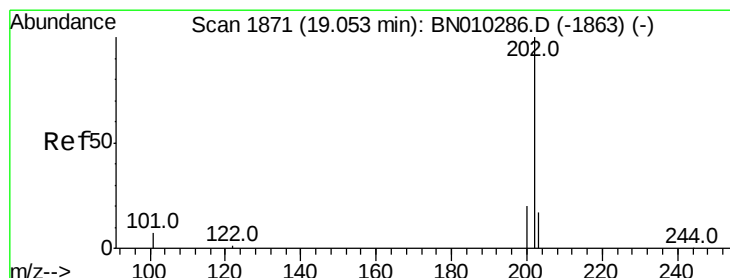
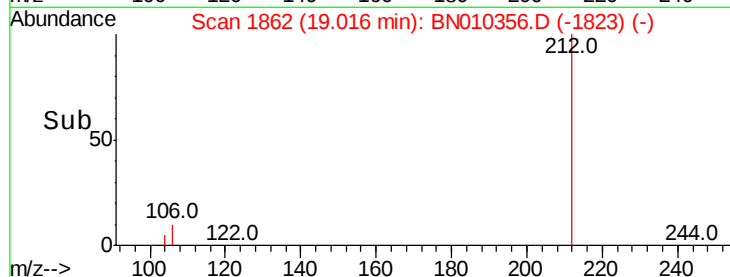
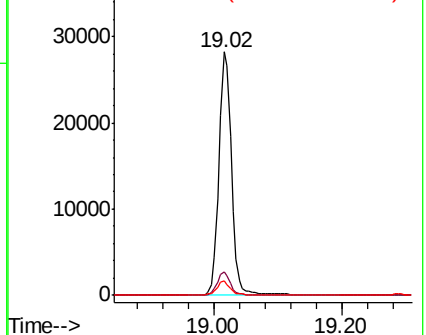
104 5.4 4.2 6.4



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: 0.389 ng

RT: 19.05 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

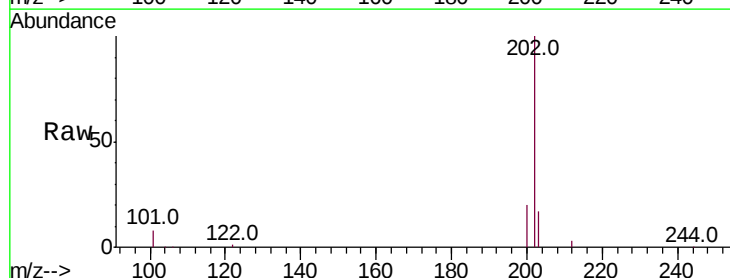
Tgt Ion:202 Resp: 39115

Ion Ratio Lower Upper

202 100

101 8.2 6.6 9.8

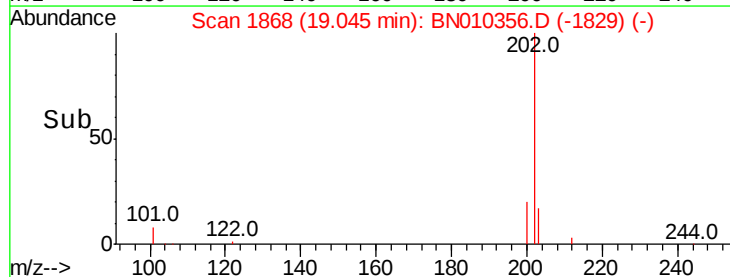
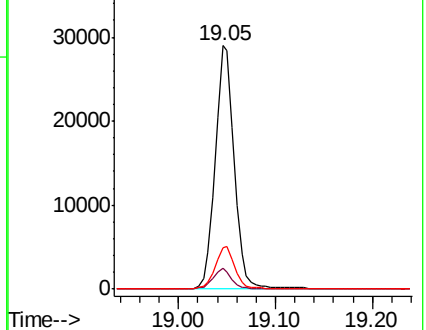
203 17.4 13.8 20.8

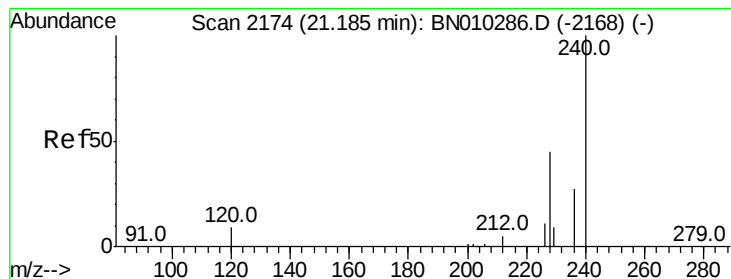


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.19 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

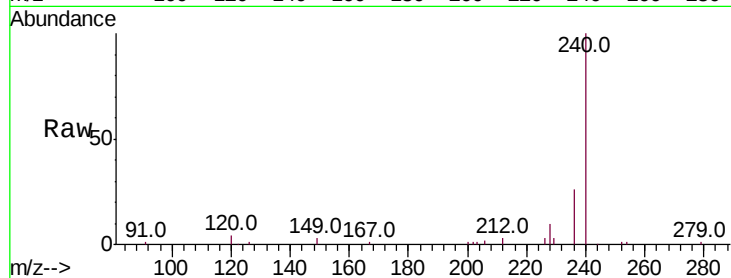
Tot Ion:240 Resp: 29870

Ion Ratio Lower Upper

240 100

120 4.3 7.9 11.9#

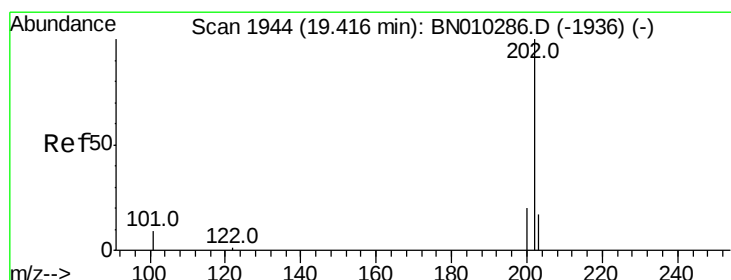
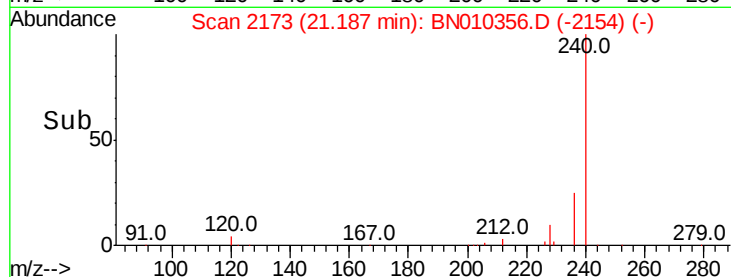
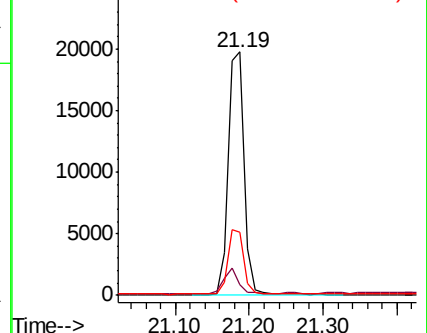
236 25.7 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.440 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

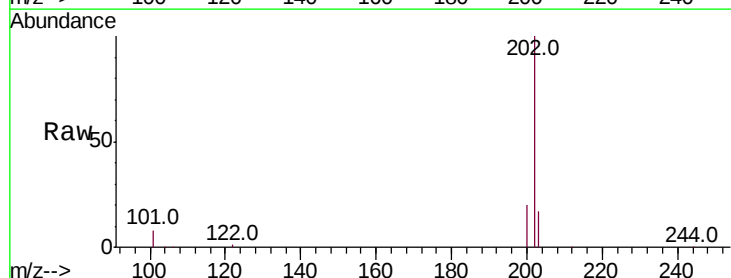
Tgt Ion:202 Resp: 40877

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

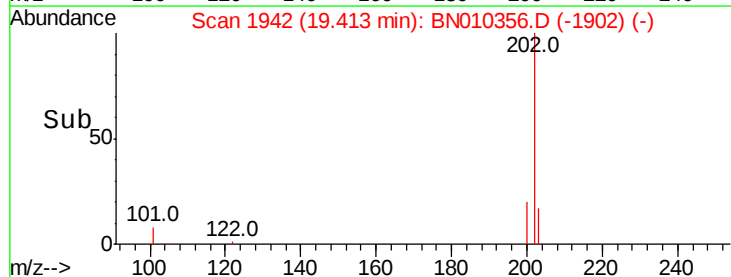
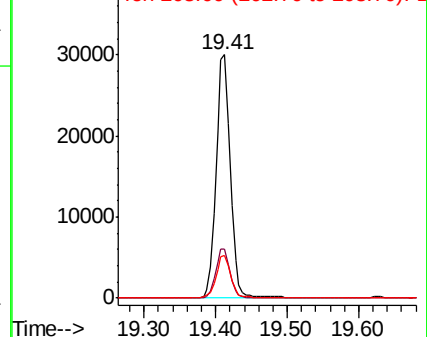
203 17.4 14.2 21.2

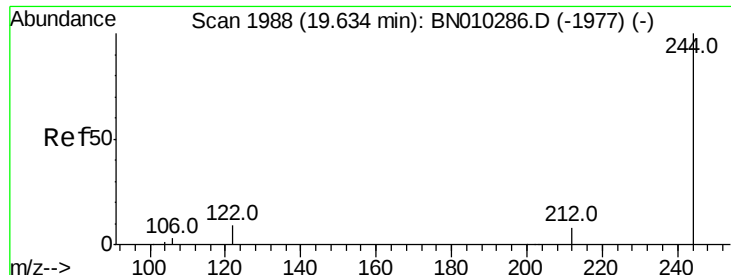


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.421 ng

RT: 19.63 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

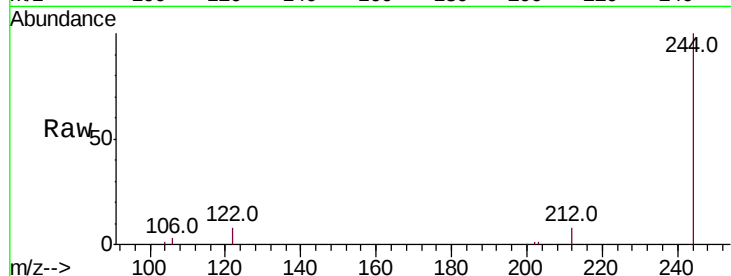
Tot Ion:244 Resp: 27148

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

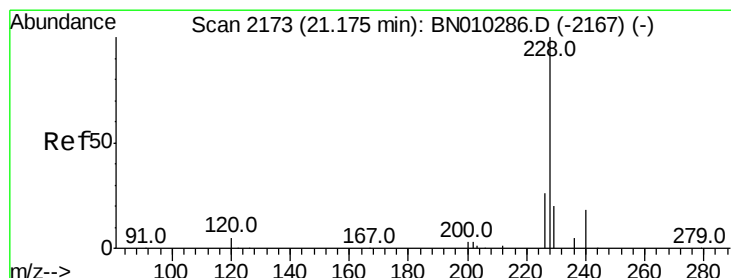
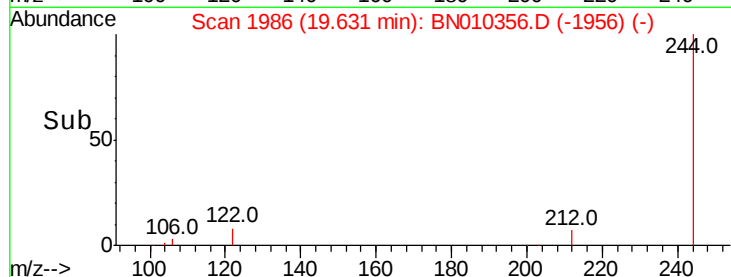
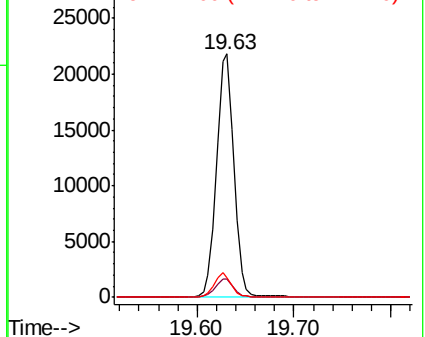
122 8.3 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.388 ng

RT: 21.17 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

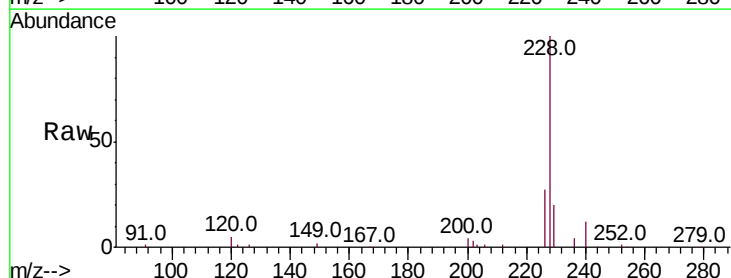
Tgt Ion:228 Resp: 36876

Ion Ratio Lower Upper

228 100

226 26.8 21.0 31.4

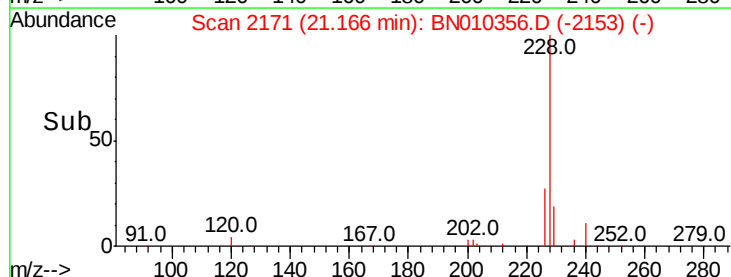
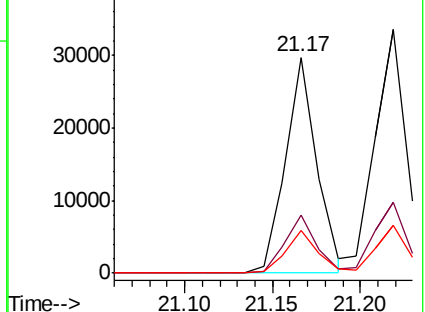
229 19.7 16.0 24.0

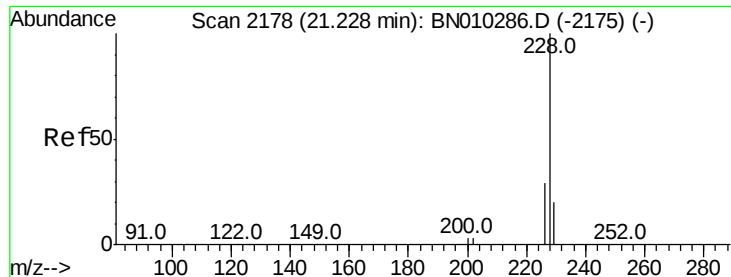


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.22 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

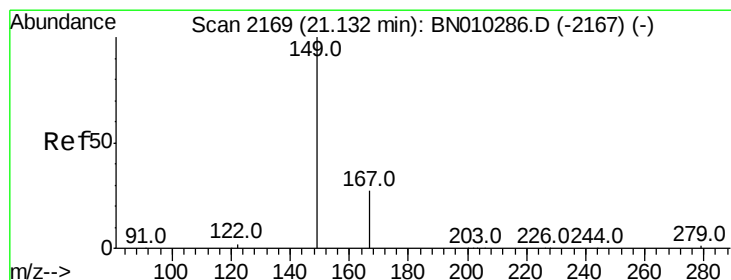
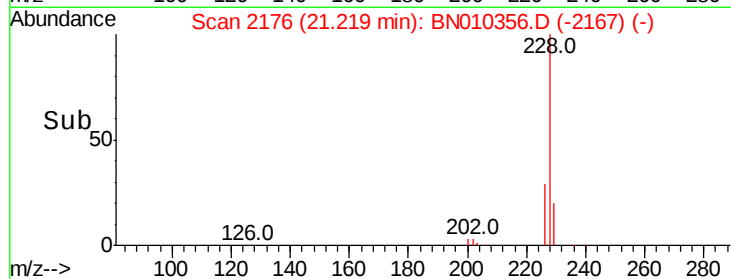
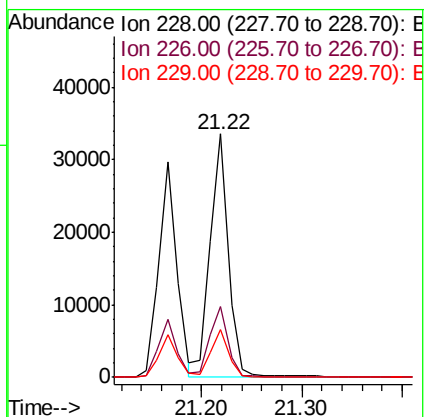
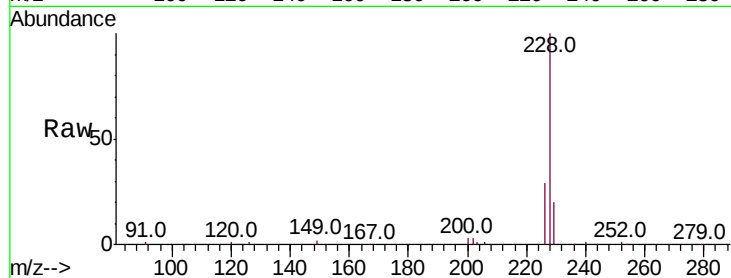
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 41890

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	19.9	16.0	24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.342 ng

RT: 21.12 min Scan# 2167

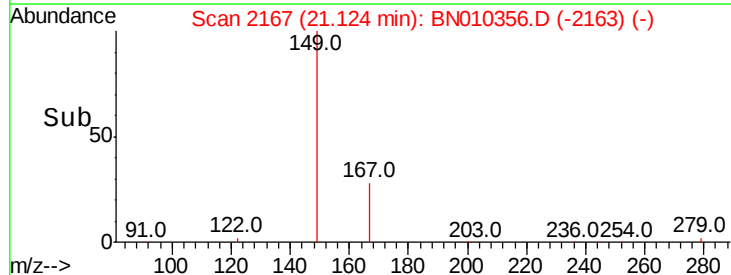
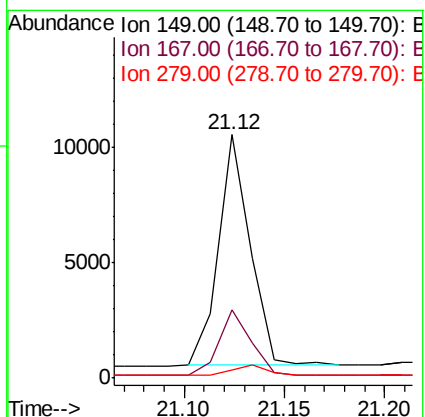
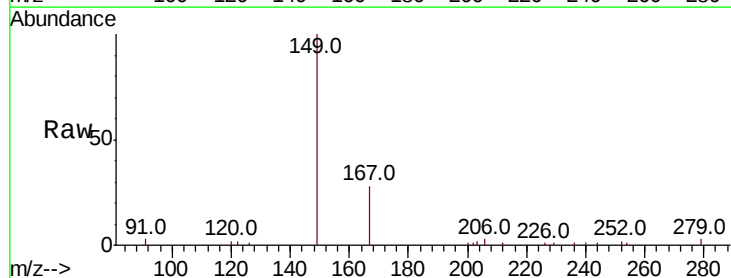
Delta R.T. -0.01 min

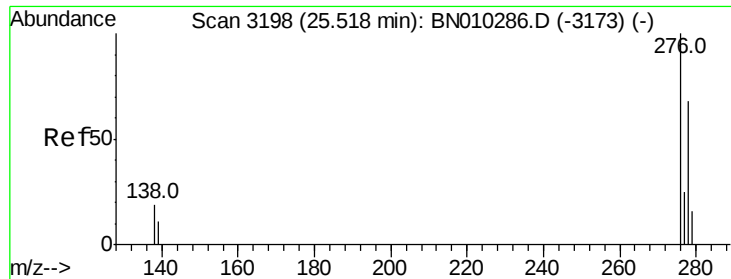
Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Tgt Ion:149 Resp: 10977

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.6
279	4.9	3.8	5.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.460 ng

RT: 25.50 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

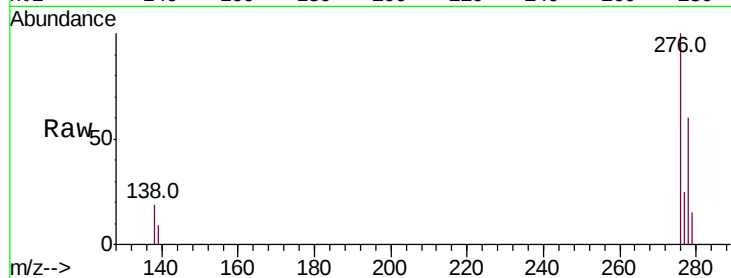
Tot Ion:276 Resp: 50230

Ion Ratio Lower Upper

276 100

138 19.8 15.6 23.4

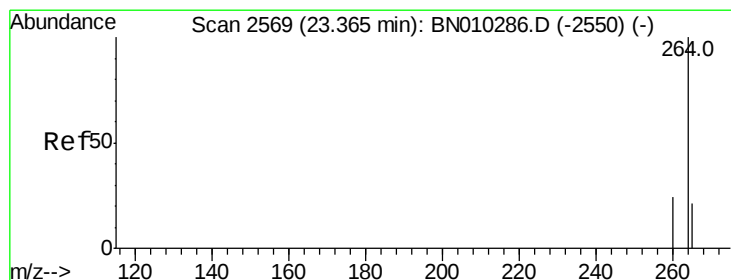
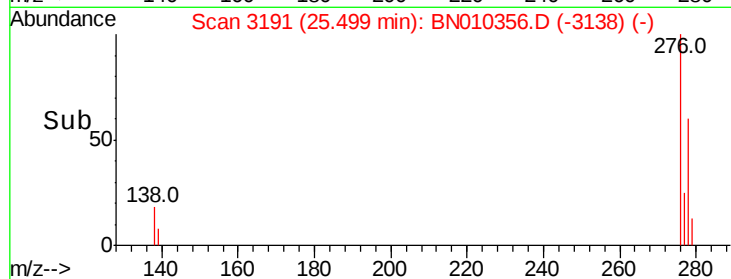
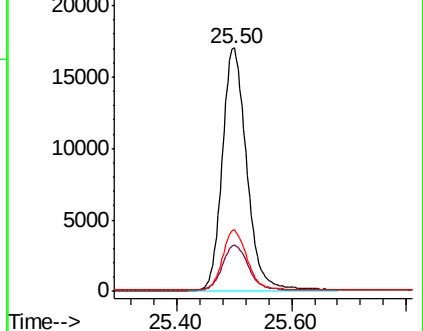
277 25.0 20.1 30.1



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: 23.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

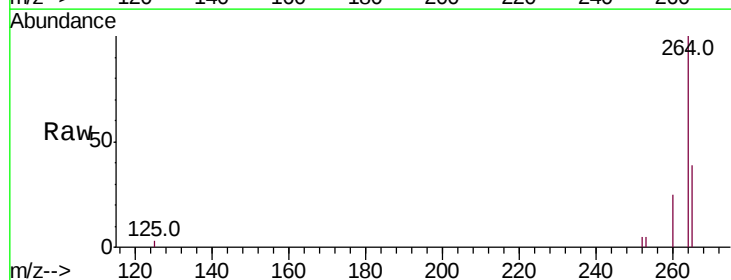
Tgt Ion:264 Resp: 30528

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

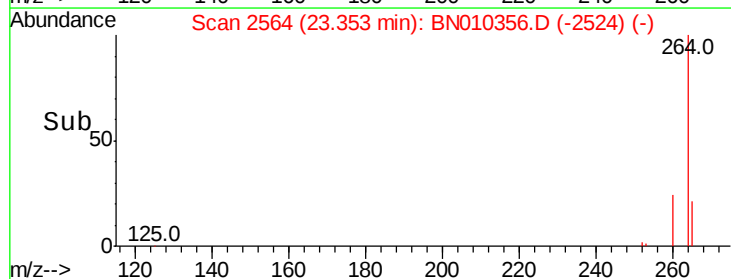
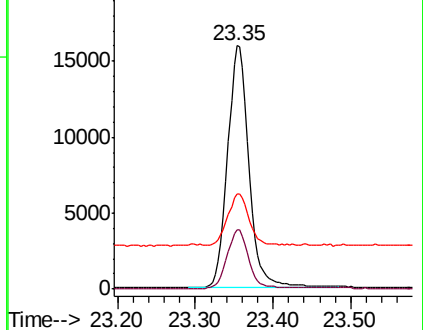
265 39.3 32.4 48.6

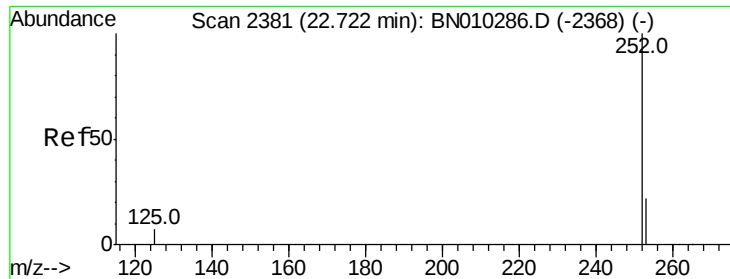


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

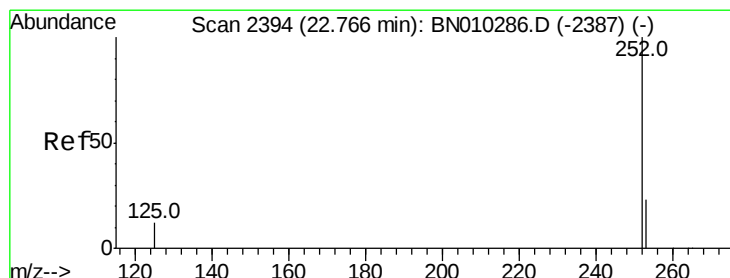
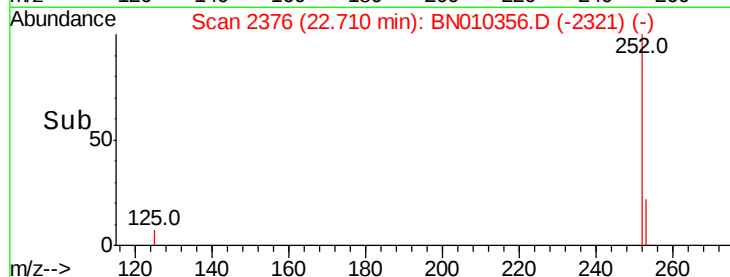
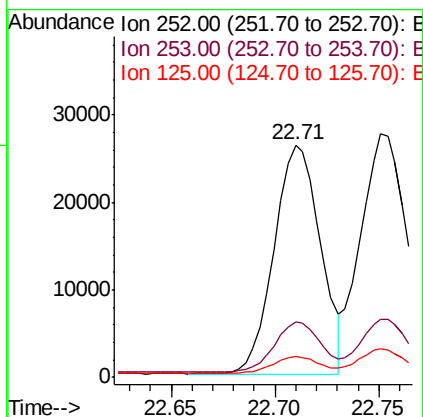
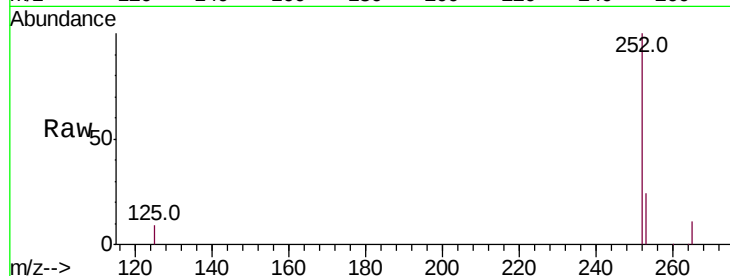




#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

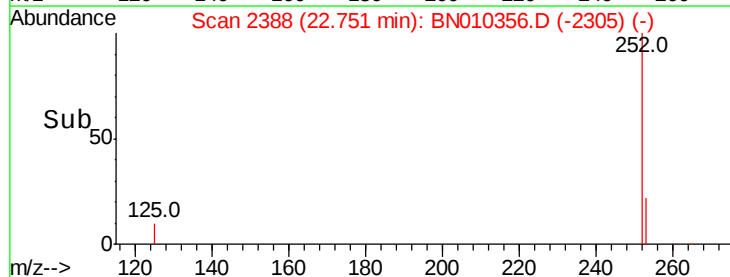
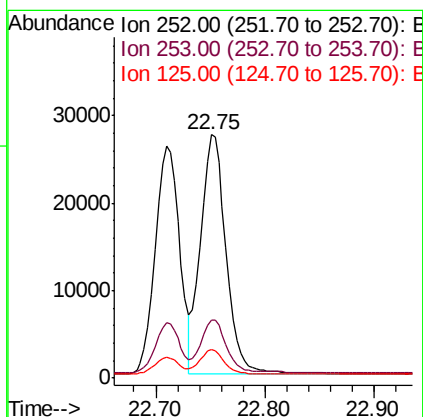
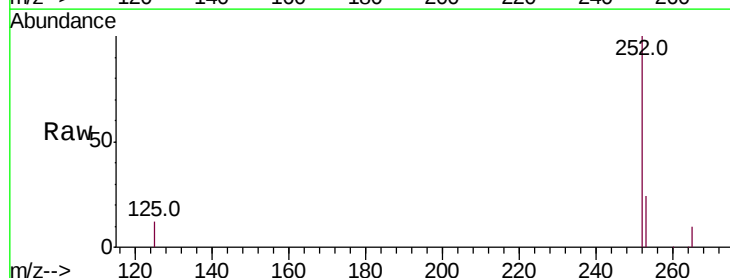
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

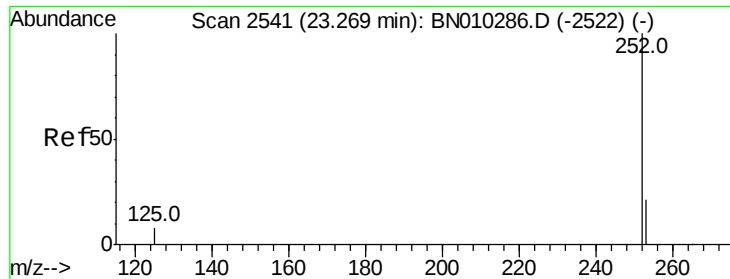
Tot Ion:252 Resp: 40429
Ion Ratio Lower Upper
252 100
253 23.8 19.2 28.8
125 8.9 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 22.75 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:252 Resp: 44871
Ion Ratio Lower Upper
252 100
253 24.0 19.4 29.0
125 11.8 10.2 15.2





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

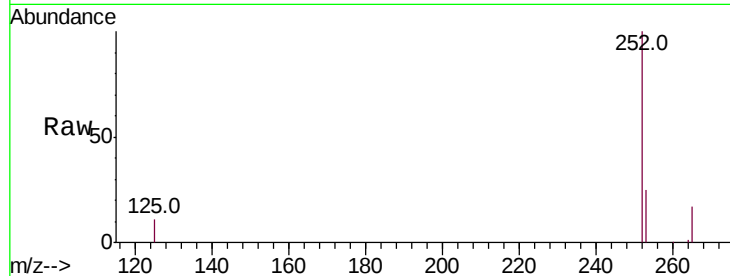
Tot Ion:252 Resp: 34283

Ion Ratio Lower Upper

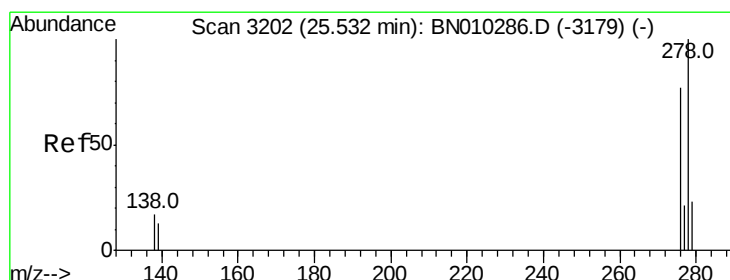
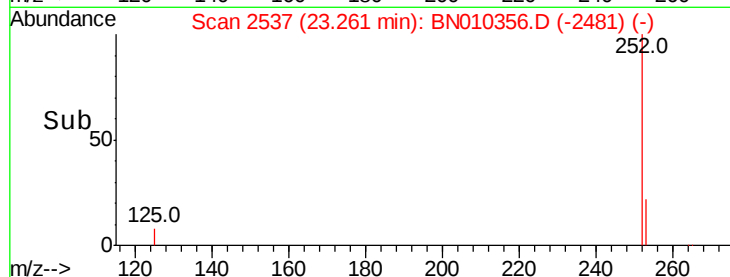
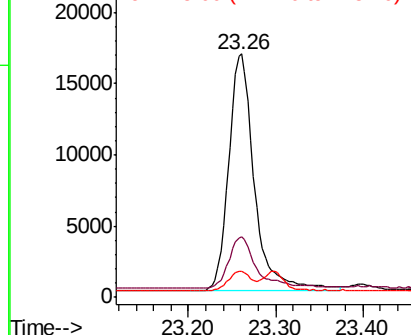
252 100

253 25.1 19.9 29.9

125 10.5 8.9 13.3



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: 0.429 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

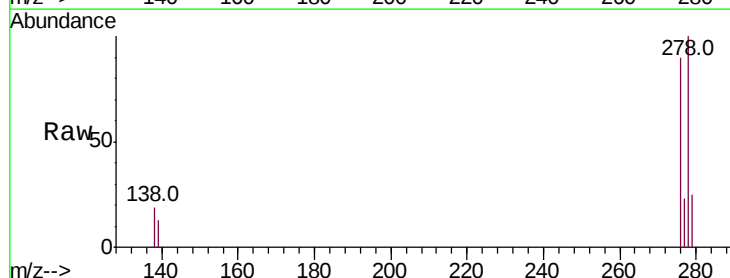
Tgt Ion:278 Resp: 40600

Ion Ratio Lower Upper

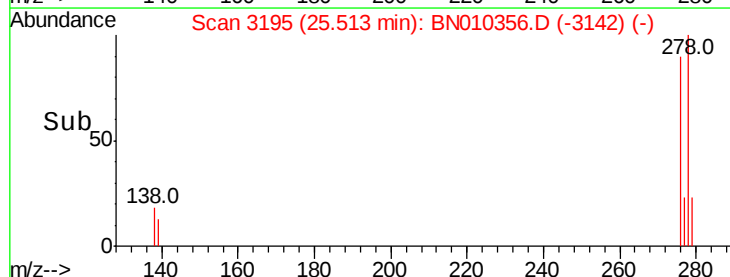
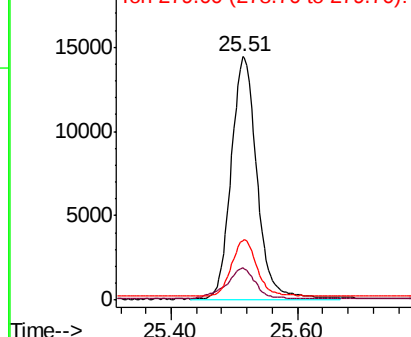
278 100

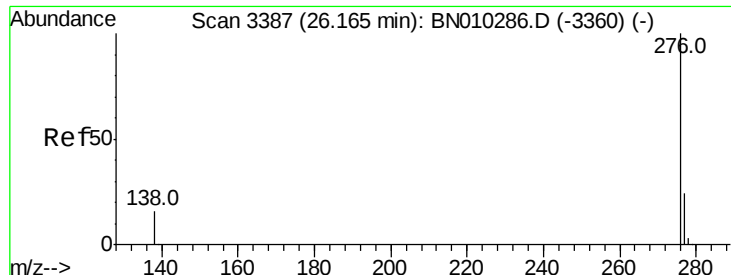
139 13.1 10.6 16.0

279 24.5 19.8 29.6



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: 0.407 ng

RT: 26.15 min Scan# 3381

Delta R.T. -0.02 min

Lab File: BN010356.D

Acq: 27 Mar 2020 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

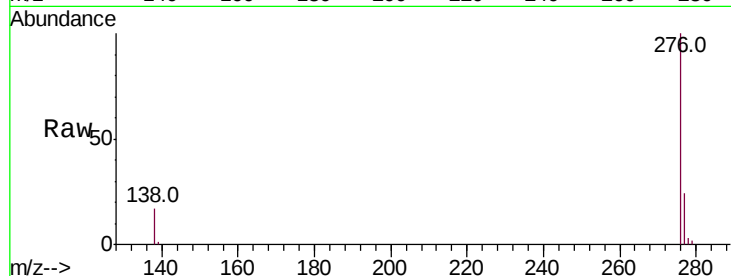
Tot Ion:276 Resp: 38733

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 17.0 13.3 19.9



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

