

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
 Data File : BN010473.D
 Acq On : 14 Apr 2020 08:38
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 14 11:15:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4452	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	17966	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	11409	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	24239	0.40	ng	0.00
27) Chrysene-d12	21.19	240	25485	0.40	ng	0.00
34) Perylene-d12	23.35	264	22556	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4084	0.42	ng	0.00
5) Phenol-d6	6.79	99	5340	0.42	ng	0.00
8) Nitrobenzene-d5	8.73	82	5381	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	12079	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1999	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	18690	0.45	ng	0.00
25) Fluoranthene-d10	19.01	212	30003	0.41	ng	0.00
29) Terphenyl-d14	19.62	244	27338	0.47	ng	0.00

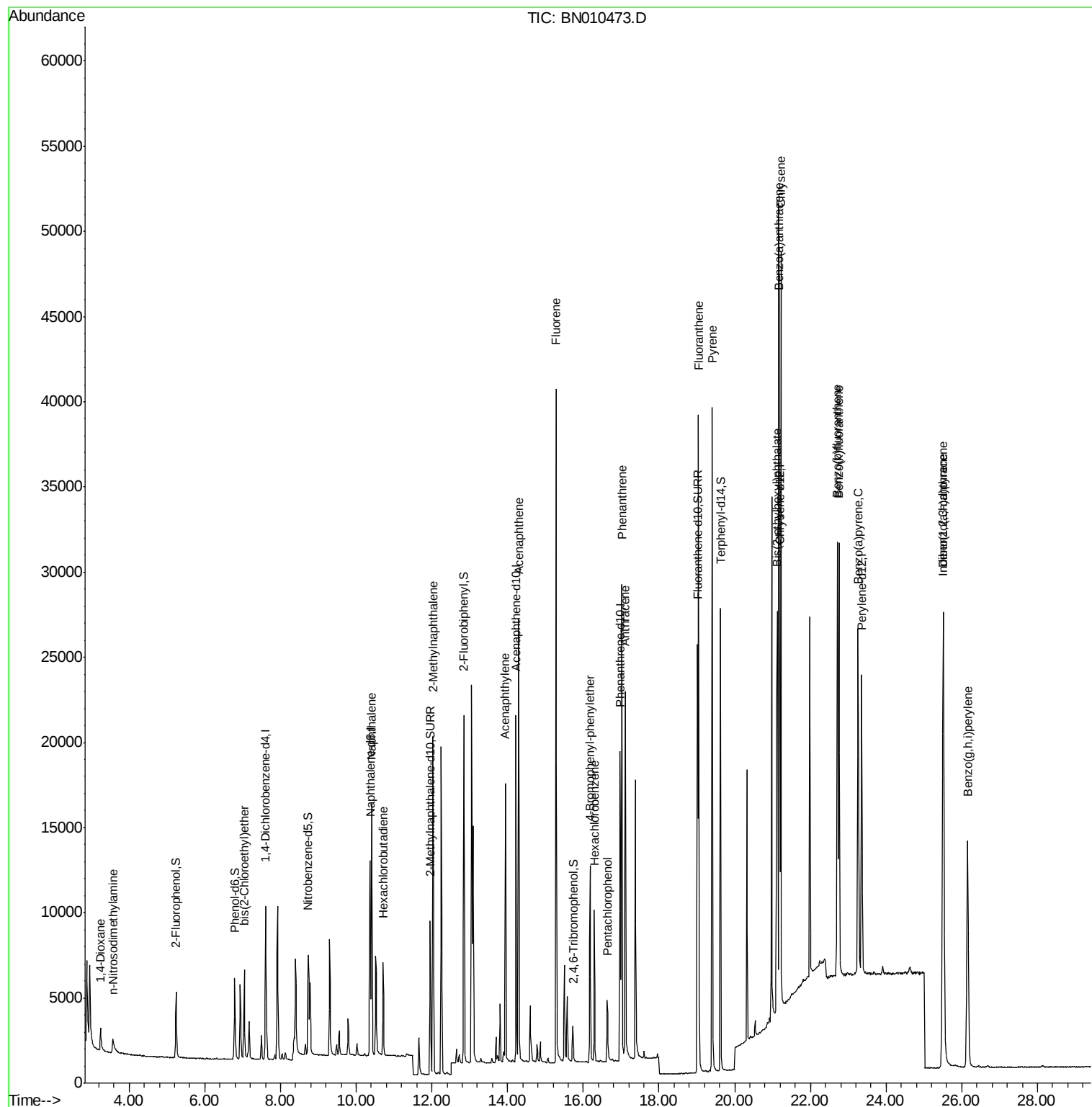
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.25	88	1391	0.424	ng	96
3) n-Nitrosodimethylamine	3.57	42	865	0.407	ng	# 89
6) bis(2-Chloroethyl)ether	7.04	93	4901	0.444	ng	98
9) Naphthalene	10.41	128	19406	0.435	ng	99
10) Hexachlorobutadiene	10.71	225	4515	0.420	ng	# 99
12) 2-Methylnaphthalene	12.03	142	14229	0.444	ng	97
16) Acenaphthylene	13.95	152	20828	0.423	ng	100
17) Acenaphthene	14.29	154	13577	0.429	ng	98
18) Fluorene	15.28	166	17473	0.421	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	5710	0.424	ng	# 92
21) Hexachlorobenzene	16.29	284	6835	0.445	ng	99
22) Pentachlorophenol	16.63	266	2187	0.362	ng	97
23) Phenanthrene	17.02	178	29311	0.448	ng	100
24) Anthracene	17.10	178	26488	0.443	ng	100
26) Fluoranthene	19.04	202	36117	0.443	ng	99
28) Pyrene	19.41	202	36541	0.426	ng	100
30) Benzo(a)anthracene	21.16	228	34400	0.414	ng	99
31) Chrysene	21.22	228	35790	0.432	ng	99
32) Bis(2-ethylhexyl)phthalate	21.12	149	15771	0.370	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	32440	0.443	ng	99
35) Benzo(b)fluoranthene	22.71	252	31512	0.424	ng	99
36) Benzo(k)fluoranthene	22.75	252	32429	0.436	ng	100
37) Benzo(a)pyrene	23.26	252	29007	0.441	ng	98
38) Dibenzo(a,h)anthracene	25.51	278	26366	0.439	ng	98
39) Benzo(g,h,i)perylene	26.15	276	27658	0.457	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# 593

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

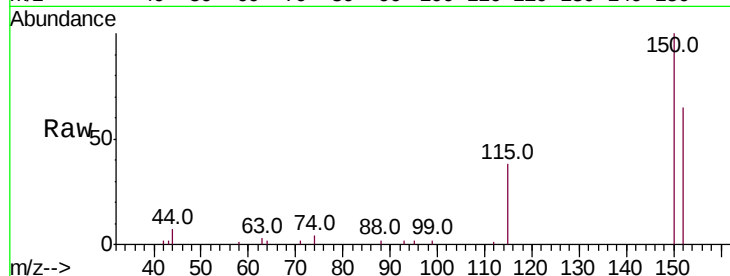
Tot Ion:152 Resp: 4452

Ion Ratio Lower Upper

152 100

150 152.8 121.8 182.6

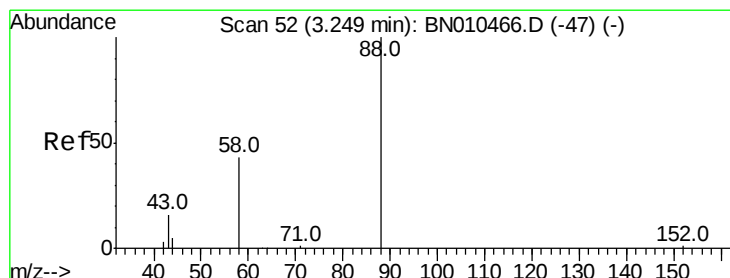
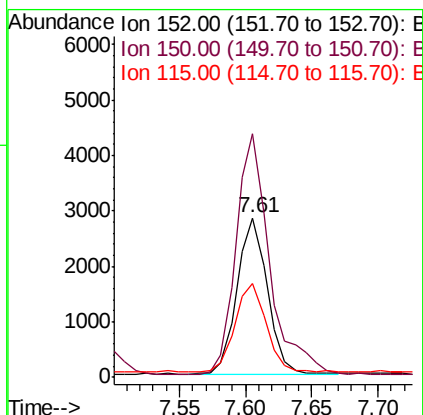
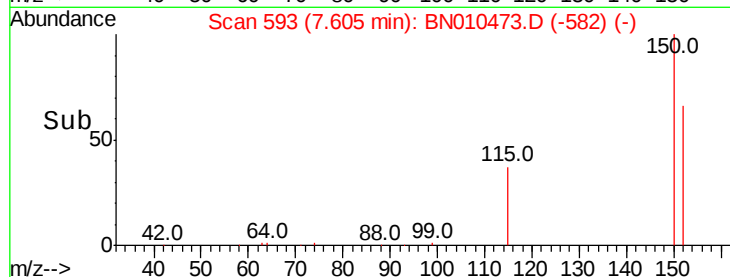
115 58.7 45.5 68.3



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: 0.424 ng

RT: 3.25 min Scan# 52

Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

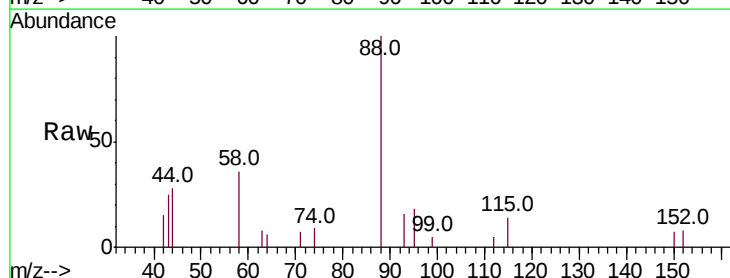
Tgt Ion: 88 Resp: 1391

Ion Ratio Lower Upper

88 100

58 47.9 36.5 54.7

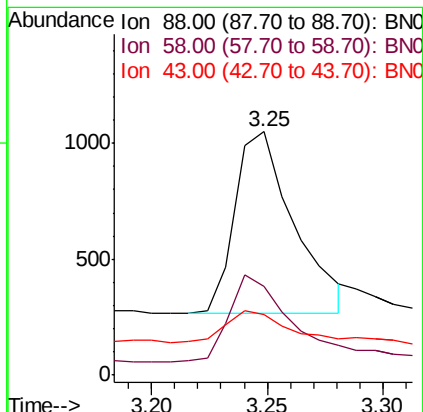
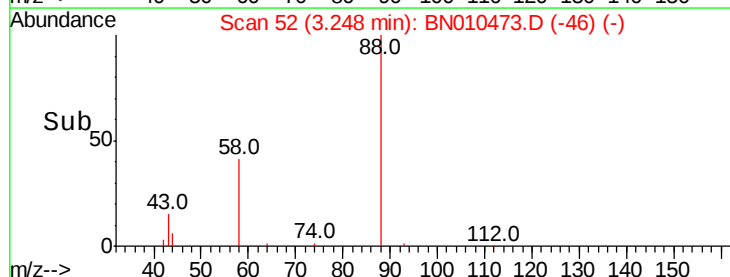
43 18.8 13.2 19.8

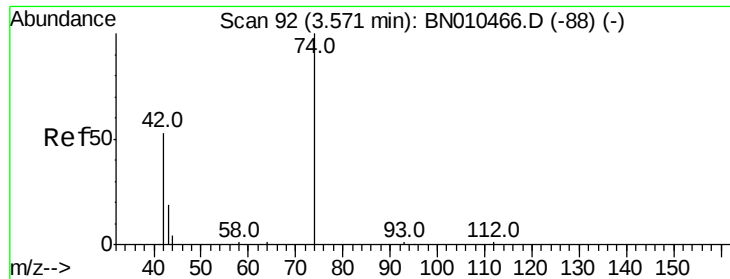


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.407 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

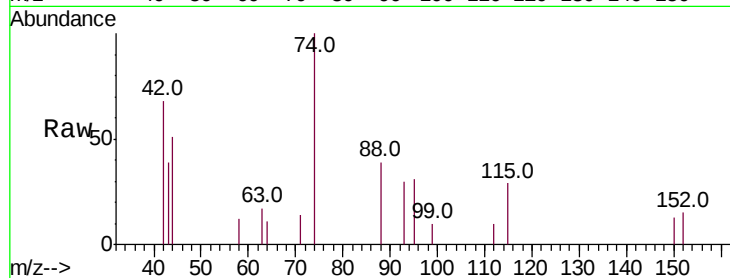
Tot Ion: 42 Resp: 865

Ion Ratio Lower Upper

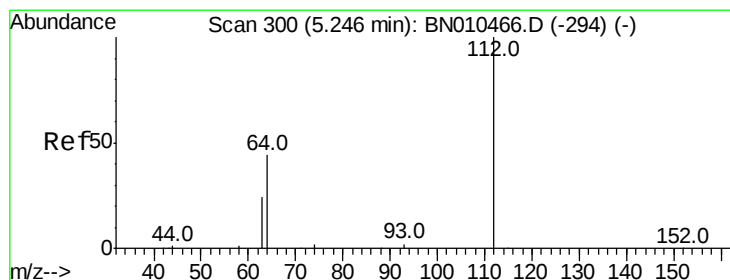
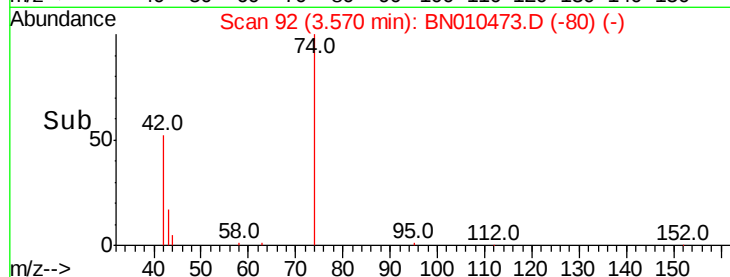
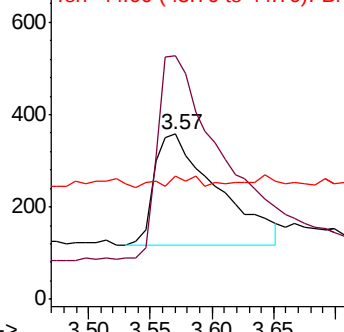
42 100

74 186.0 162.2 243.4

44 6.5 2.4 3.6#



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: 0.419 ng

RT: 5.24 min Scan# 299

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

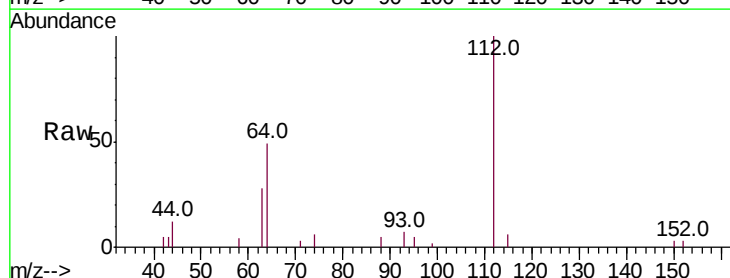
Tgt Ion: 112 Resp: 4084

Ion Ratio Lower Upper

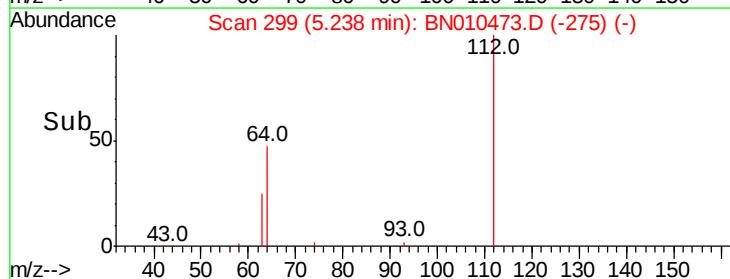
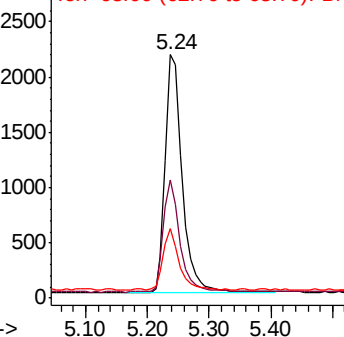
112 100

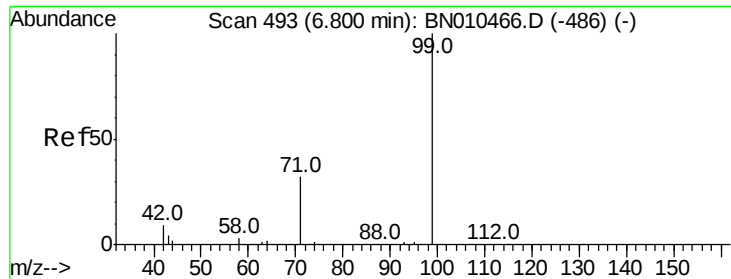
64 45.6 35.8 53.8

63 24.5 19.9 29.9



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: 0.419 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

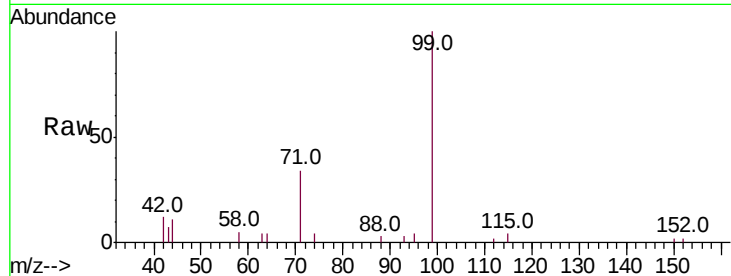
Tot Ion: 99 Resp: 5340

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.6

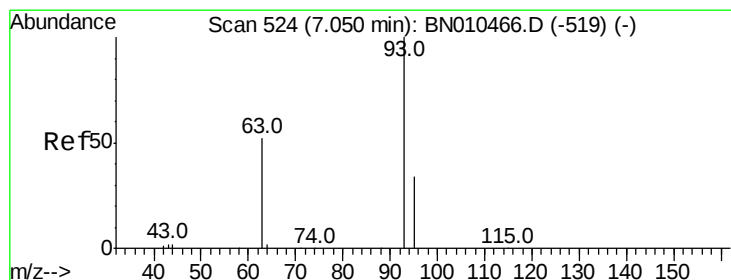
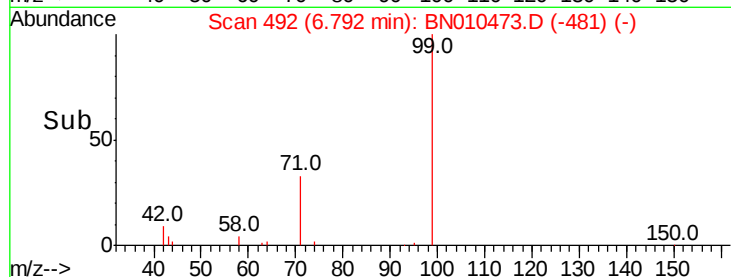
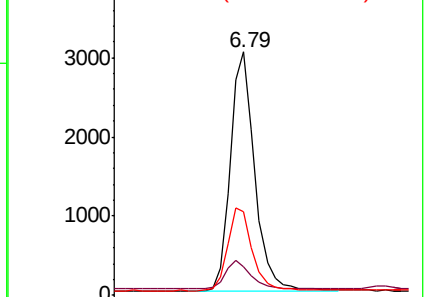
71 35.3 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.444 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

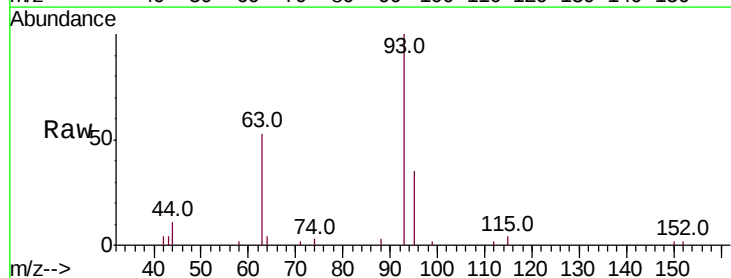
Tgt Ion: 93 Resp: 4901

Ion Ratio Lower Upper

93 100

63 54.9 44.6 66.8

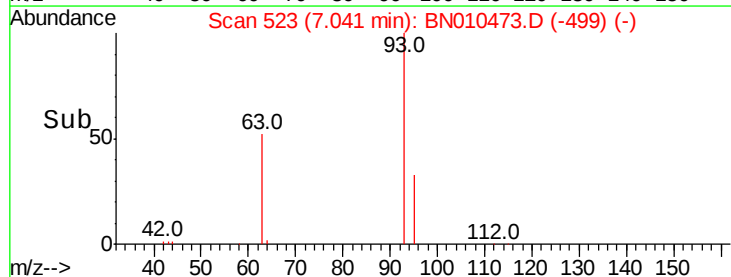
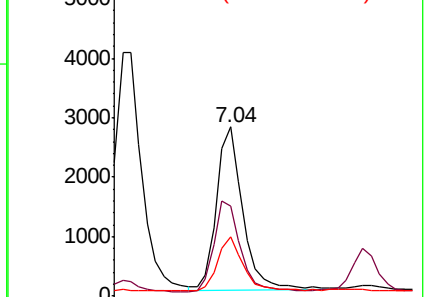
95 31.6 26.5 39.7



Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 17966

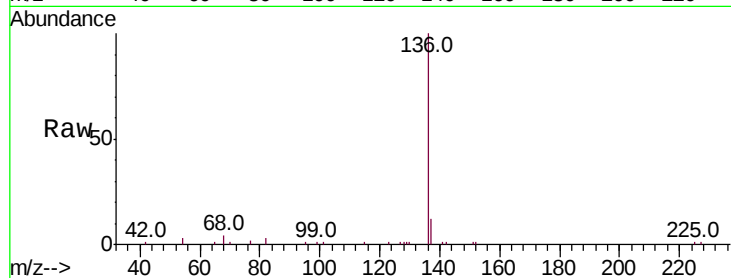
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 2.7 2.6 4.0

68 3.6 3.4 5.2

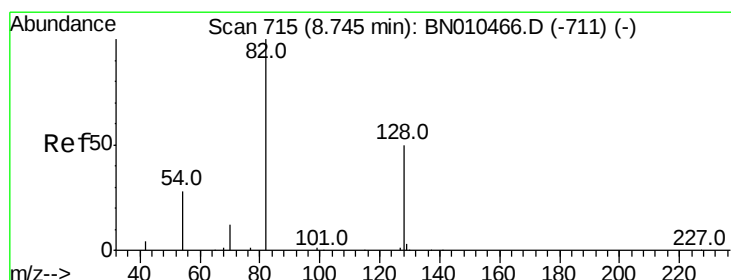
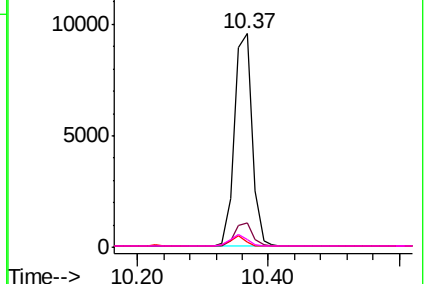
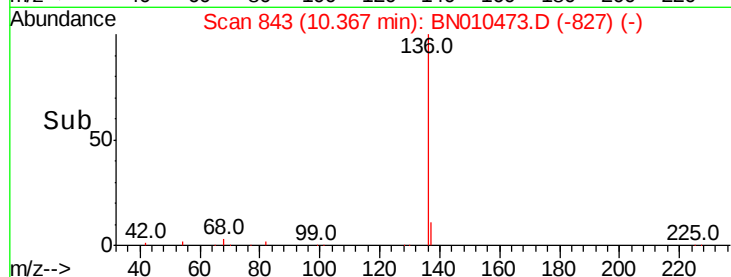


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.428 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

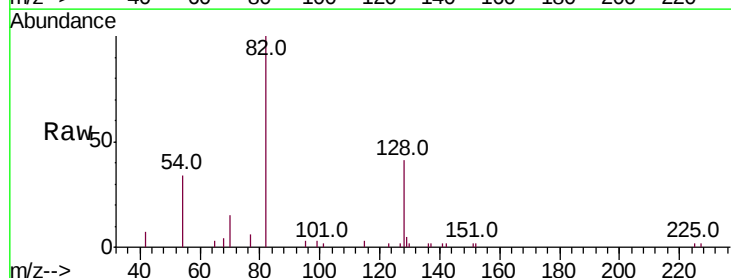
Tgt Ion: 82 Resp: 5381

Ion Ratio Lower Upper

82 100

128 40.5 41.3 61.9#

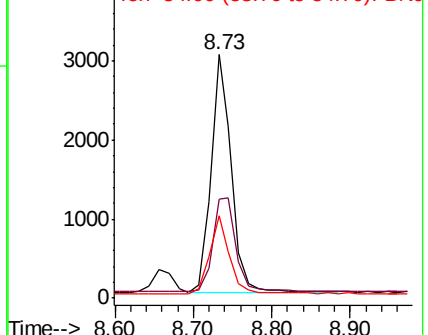
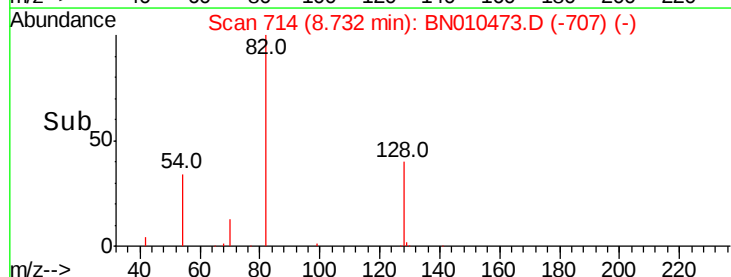
54 34.0 23.4 35.0



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: 0.435 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

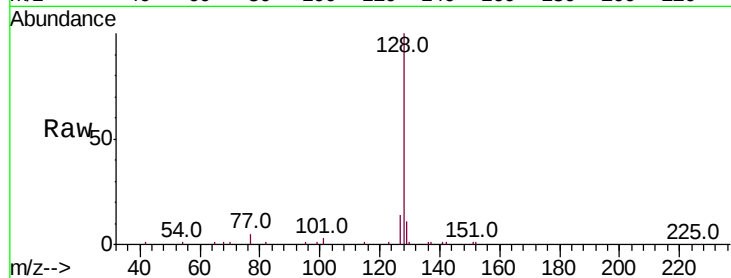
Tot Ion:128 Resp: 19406

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

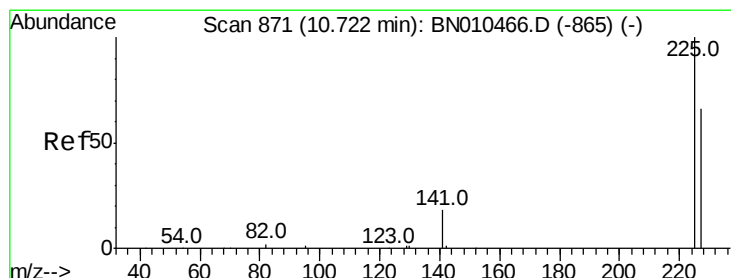
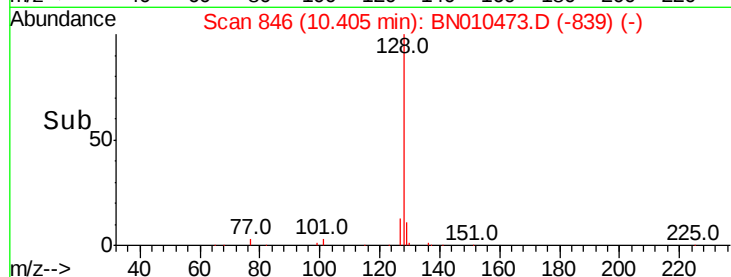
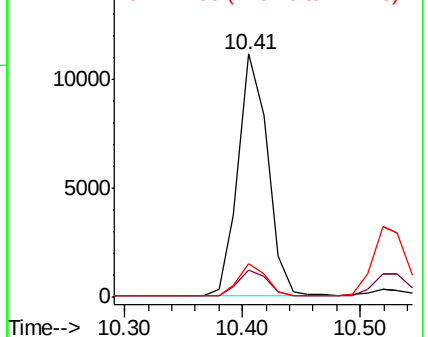
127 13.8 10.5 15.7



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: 0.420 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

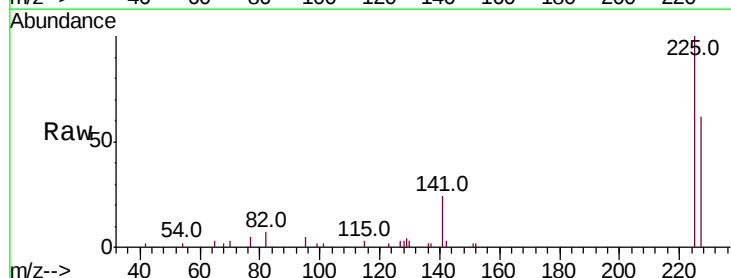
Tgt Ion:225 Resp: 4515

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

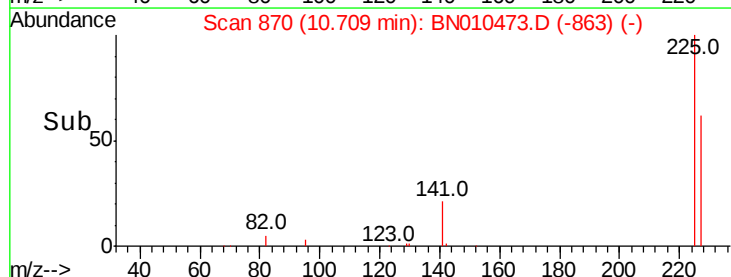
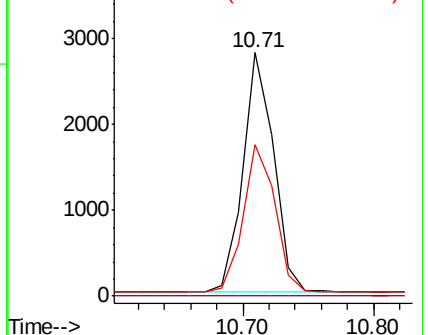
227 63.7 50.6 76.0

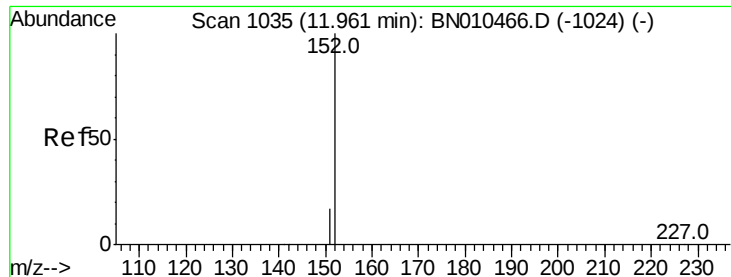


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

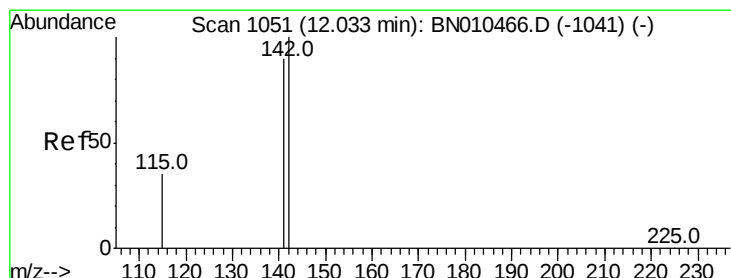
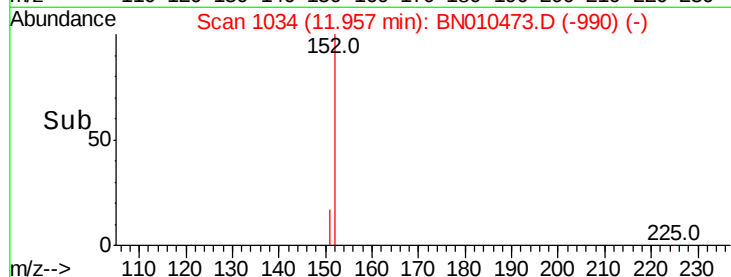
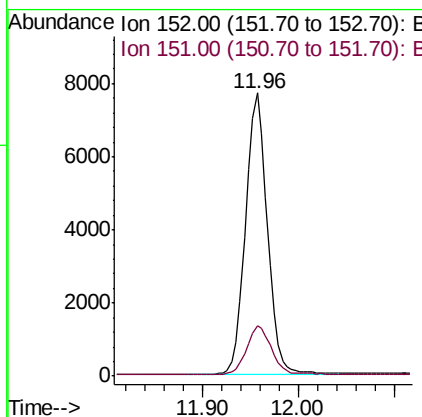
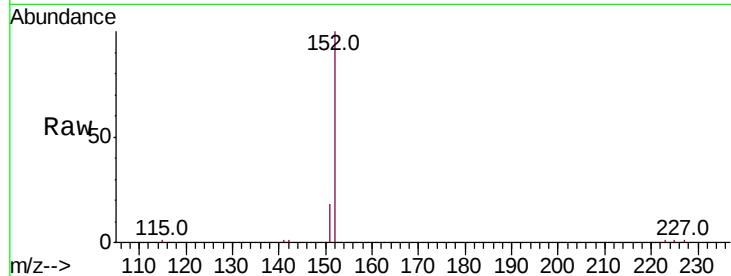




#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010473.D
Acq: 14 Apr 2020 08:38

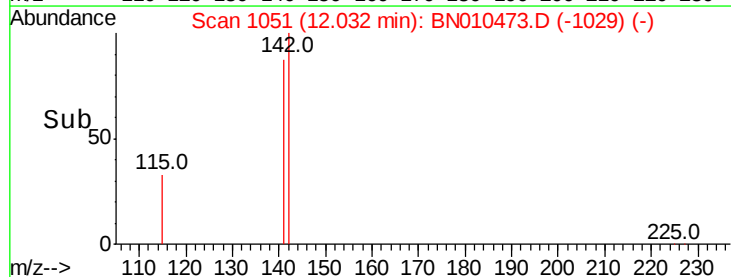
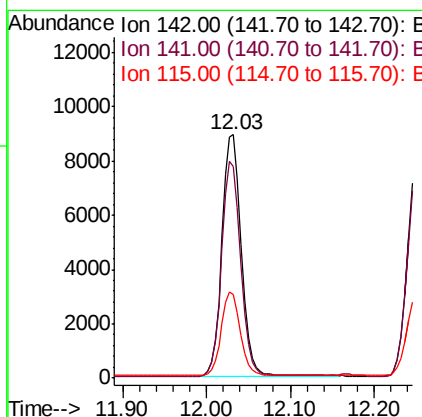
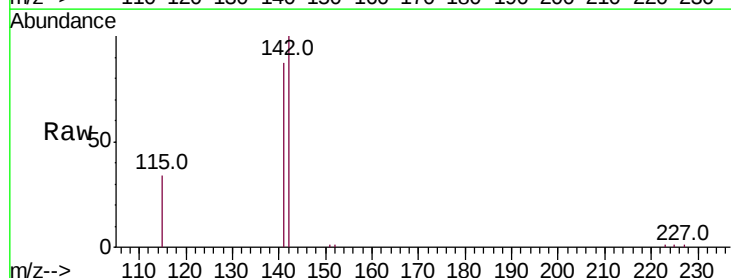
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

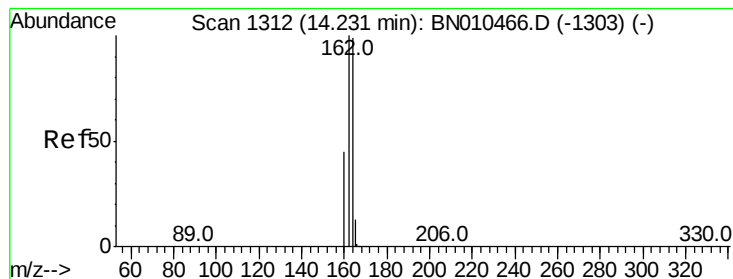
Tot Ion:152 Resp: 12079
Ion Ratio Lower Upper
152 100
151 19.2 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.444 ng
RT: 12.03 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BN010473.D
Acq: 14 Apr 2020 08:38

Tgt Ion:142 Resp: 14229
Ion Ratio Lower Upper
142 100
141 87.1 71.9 107.9
115 34.2 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

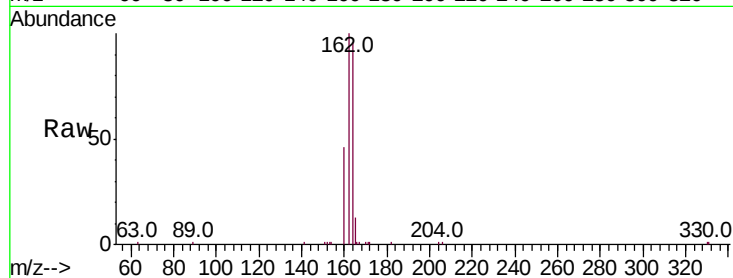
Tot Ion:164 Resp: 11409

Ion Ratio Lower Upper

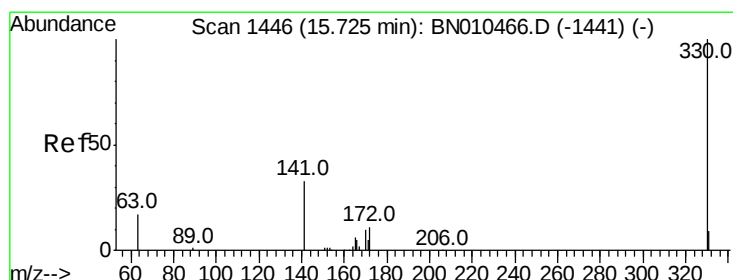
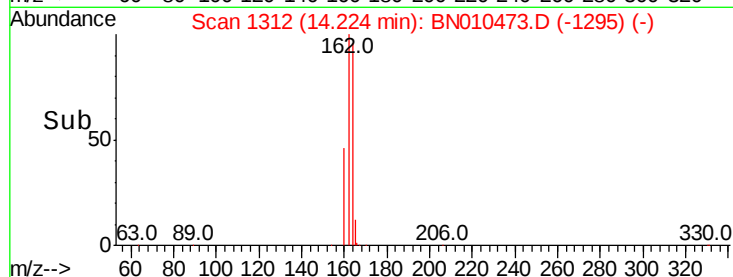
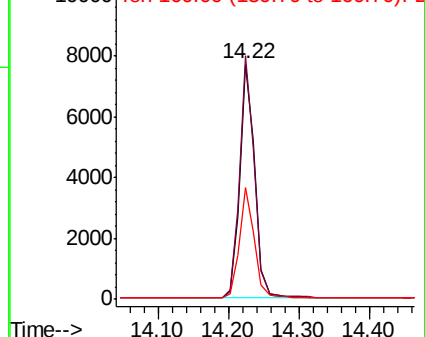
164 100

162 103.7 80.6 121.0

160 47.9 36.5 54.7



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: 0.372 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

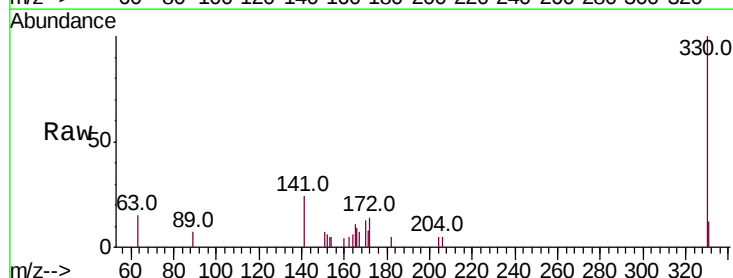
Tgt Ion:330 Resp: 1999

Ion Ratio Lower Upper

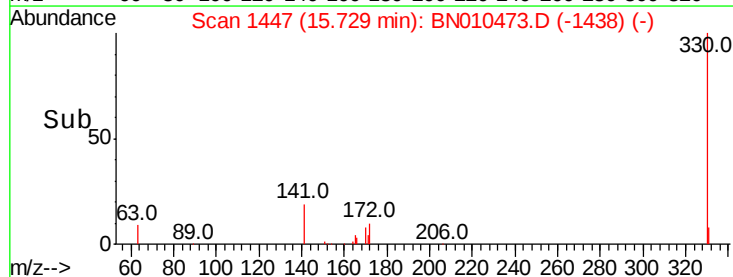
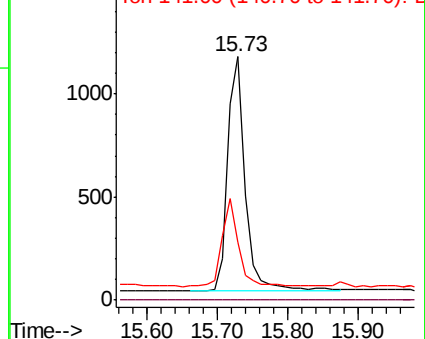
330 100

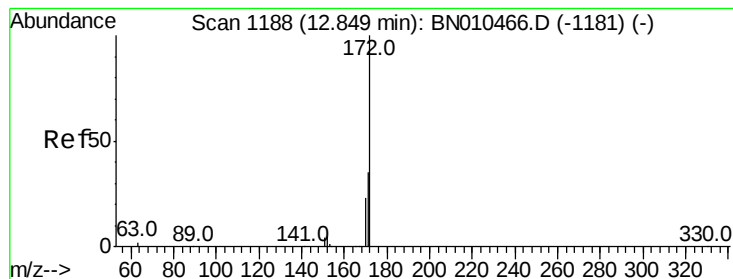
332 0.0 0.0 0.0

141 35.8 28.1 42.1



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: 0.450 ng

RT: 12.84 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

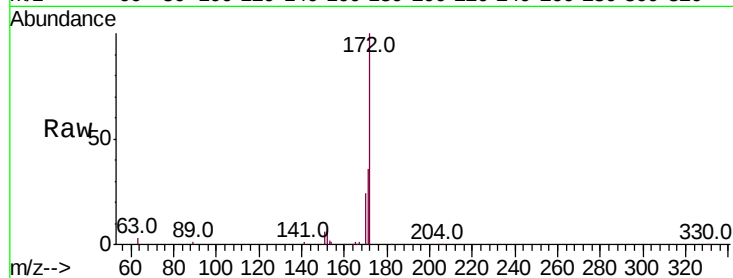
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:172 Resp: 18690

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.2
170	24.2	18.4	27.6

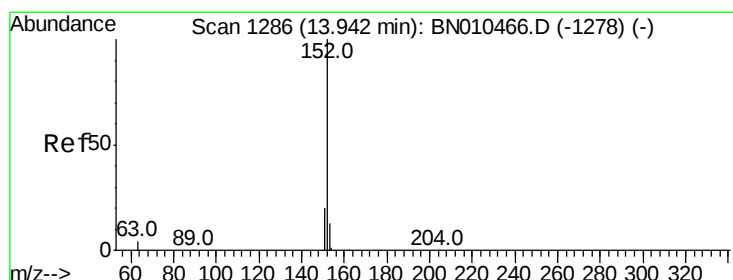
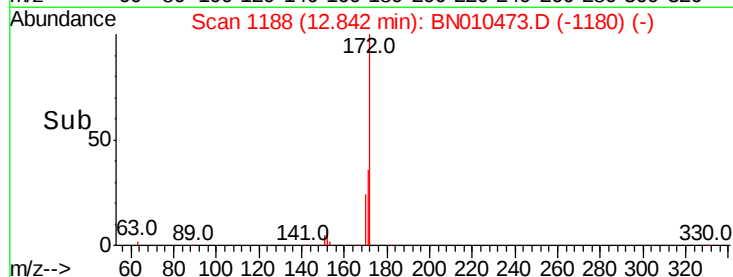
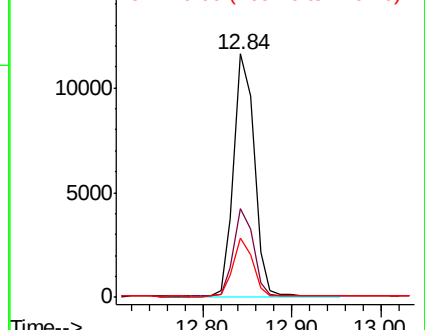


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.423 ng

RT: 13.95 min Scan# 1287

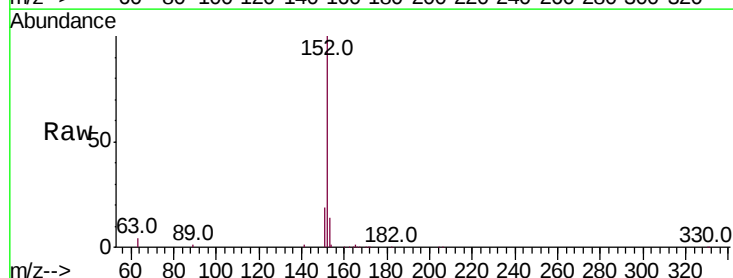
Delta R.T. 0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Tgt Ion:152 Resp: 20828

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8

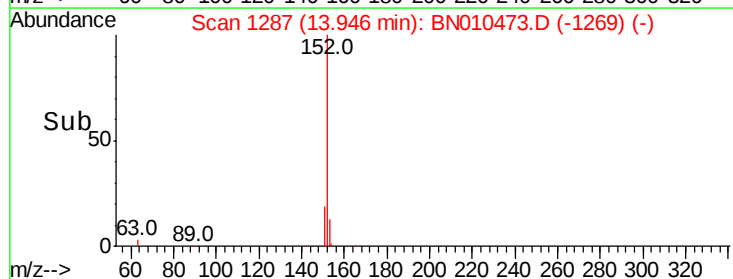
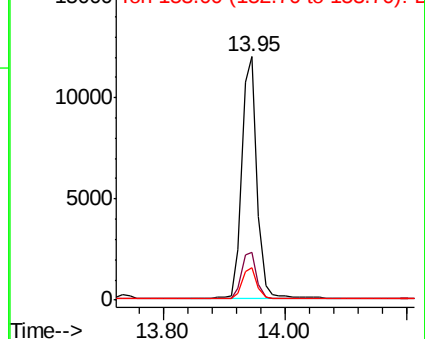


Abundance

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: 0.429 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

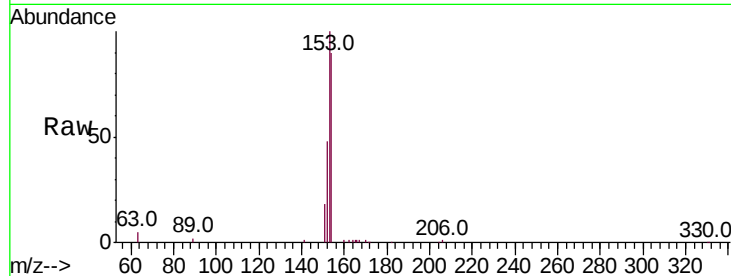
Tot Ion:154 Resp: 13577

Ion Ratio Lower Upper

154 100

153 111.8 91.0 136.4

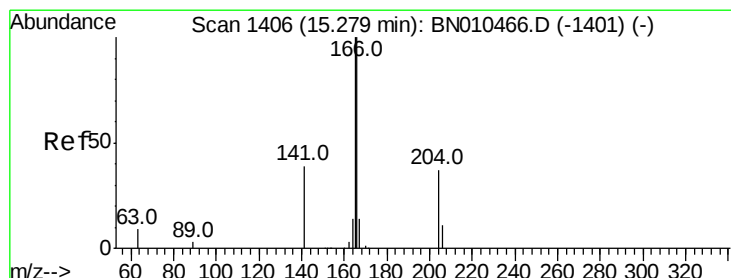
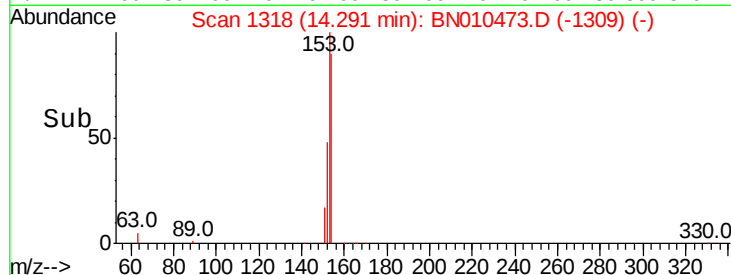
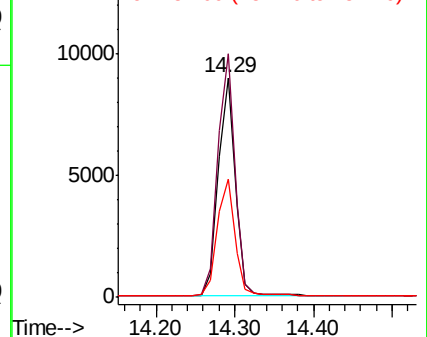
152 54.8 44.6 67.0



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: 0.421 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

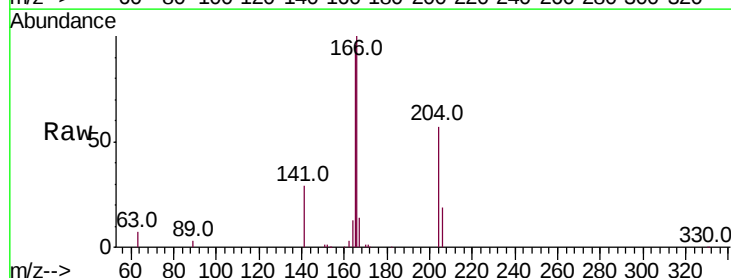
Tgt Ion:166 Resp: 17473

Ion Ratio Lower Upper

166 100

165 97.7 78.4 117.6

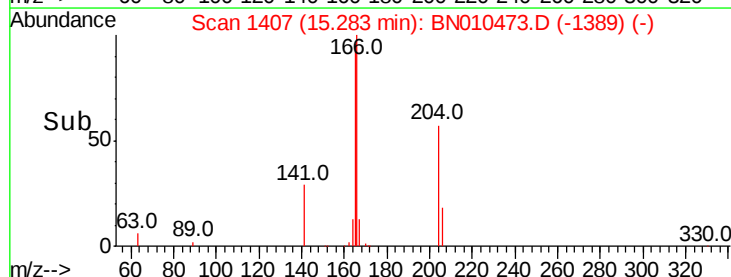
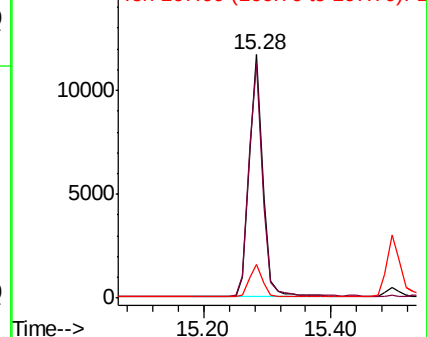
167 13.4 10.9 16.3

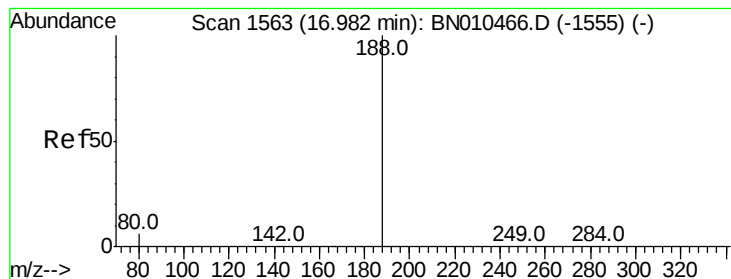


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

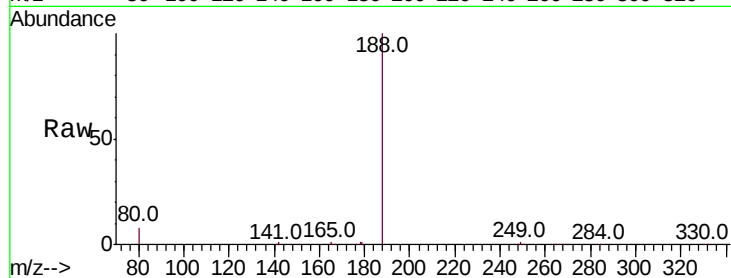
Tot Ion:188 Resp: 24239

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

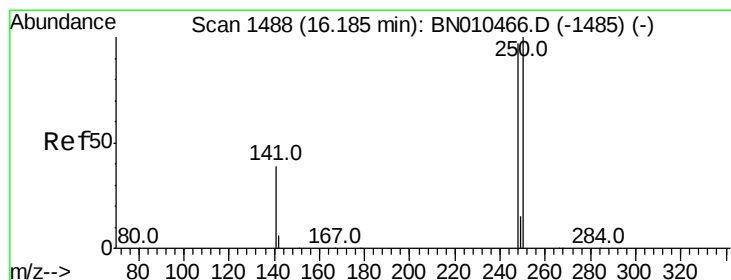
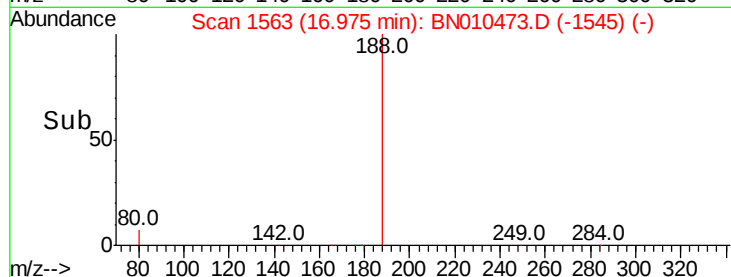
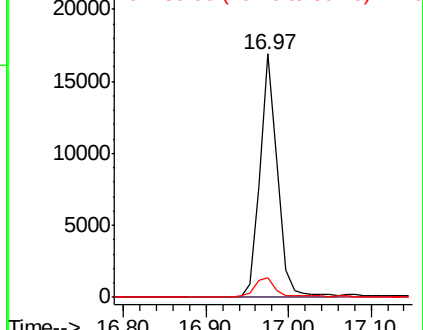
80 7.8 5.0 7.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.424 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

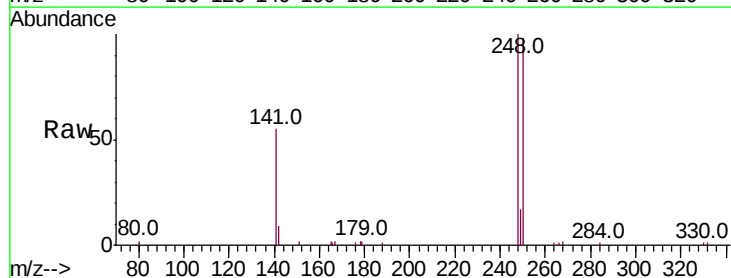
Tgt Ion:248 Resp: 5710

Ion Ratio Lower Upper

248 100

250 98.4 82.3 123.5

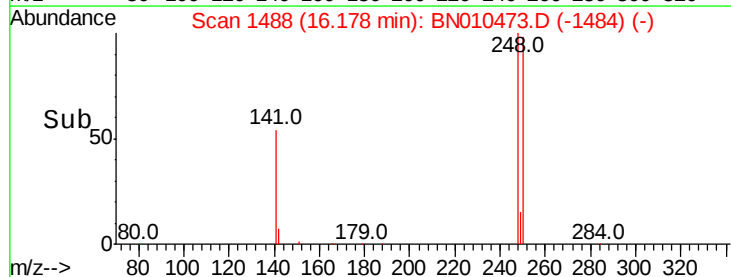
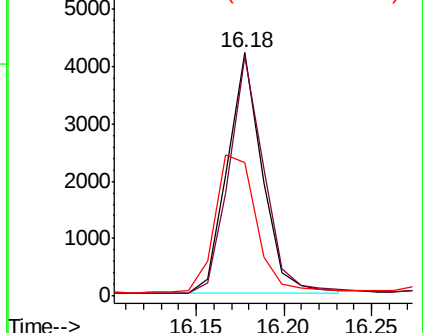
141 54.8 35.2 52.8#

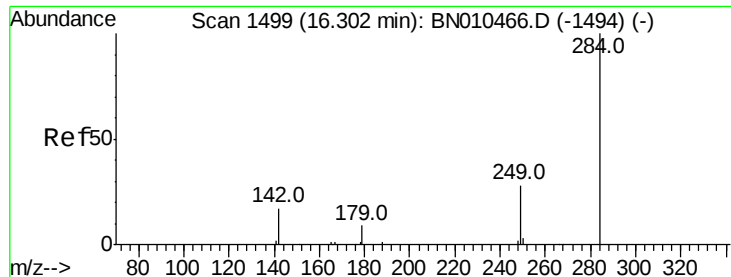


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

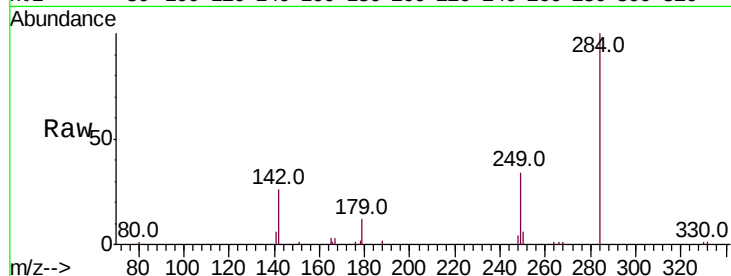




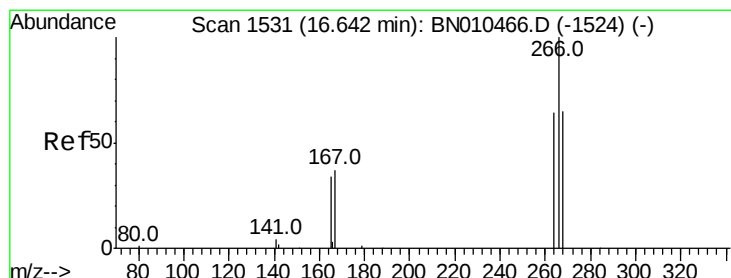
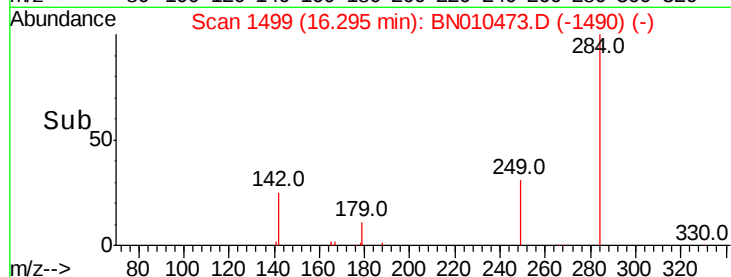
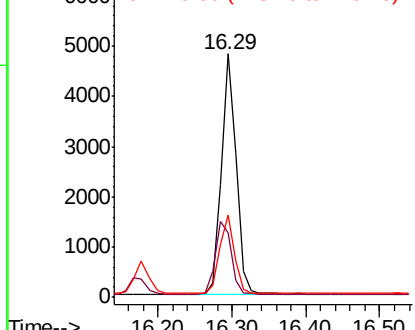
#21
Hexachlorobenzene
Concen: 0.445 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010473.D
Acq: 14 Apr 2020 08:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 6835
Ion Ratio Lower Upper
284 100
142 33.1 25.5 38.3
249 32.0 25.8 38.6

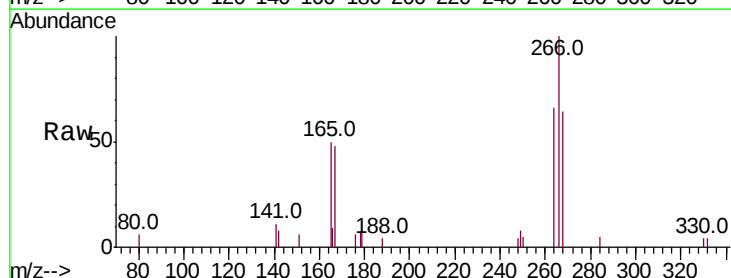


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

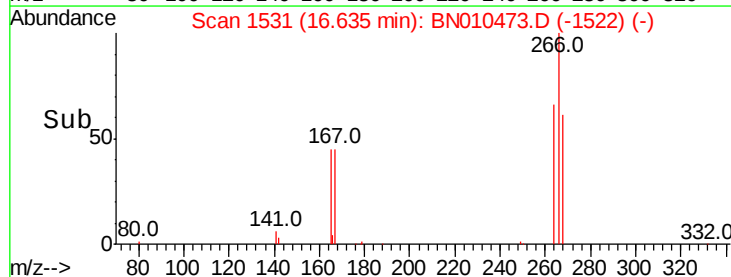
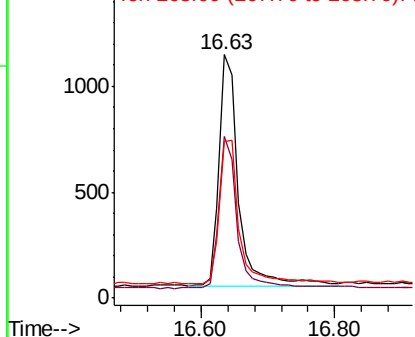


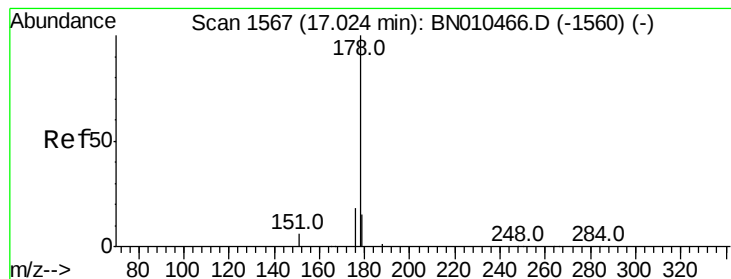
#22
Pentachlorophenol
Concen: 0.362 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010473.D
Acq: 14 Apr 2020 08:38

Tgt Ion:266 Resp: 2187
Ion Ratio Lower Upper
266 100
264 66.5 51.8 77.6
268 64.4 53.7 80.5



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: 0.448 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

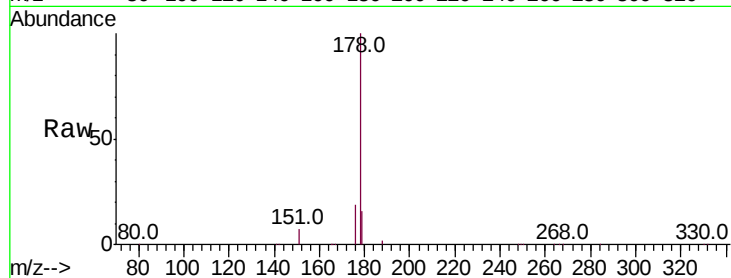
Tot Ion:178 Resp: 29311

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

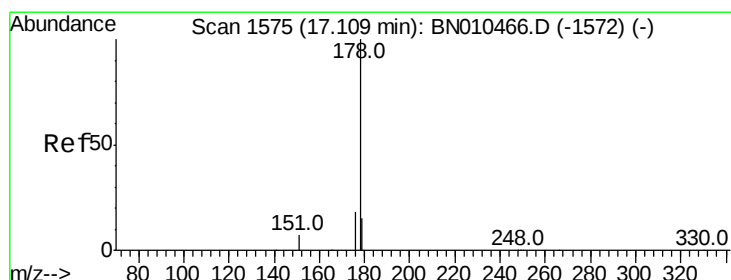
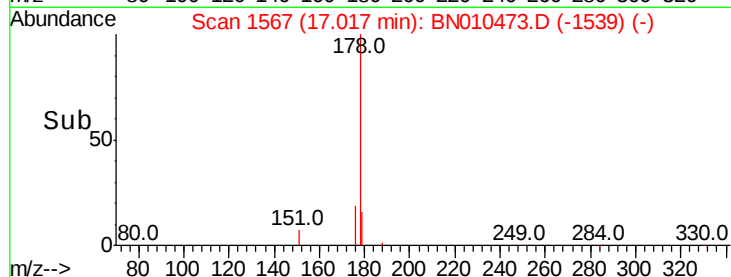
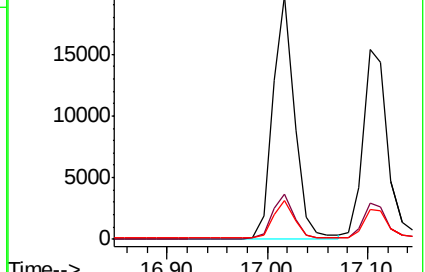
179 15.5 12.6 18.8



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: 0.443 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

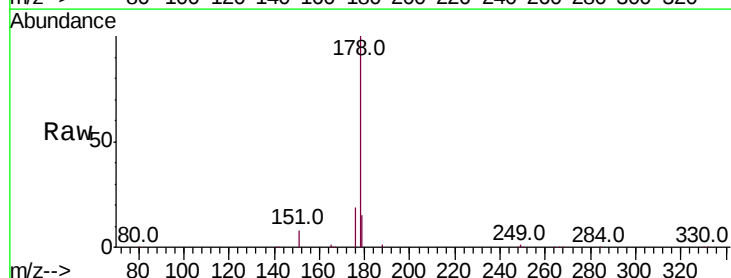
Tgt Ion:178 Resp: 26488

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

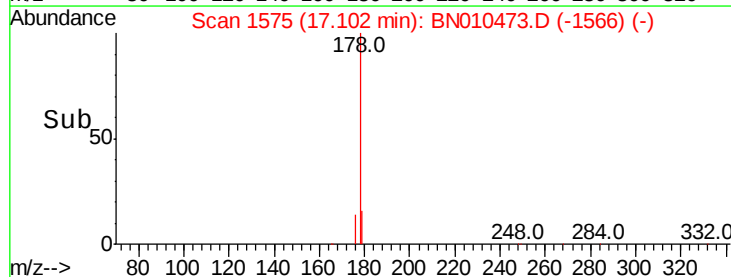
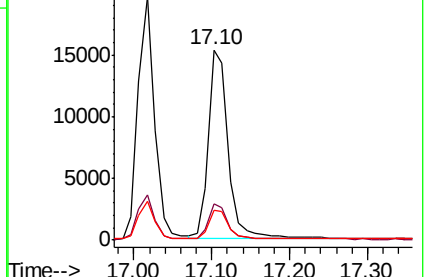
179 15.2 12.2 18.2

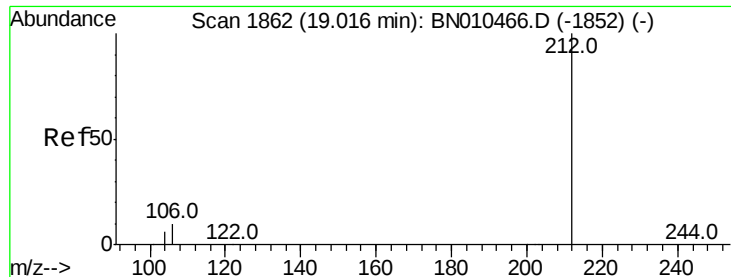


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

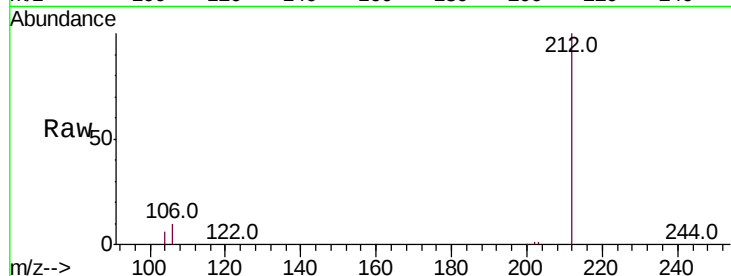
Tot Ion:212 Resp: 30003

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

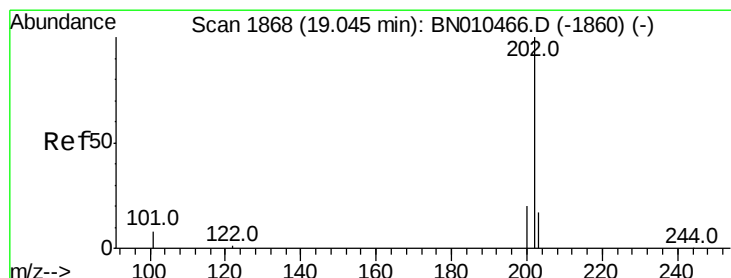
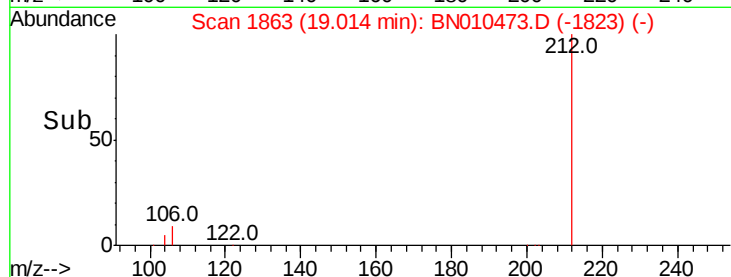
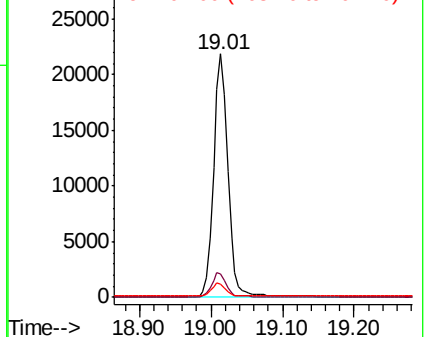
104 5.6 4.5 6.7



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: 0.443 ng

RT: 19.04 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

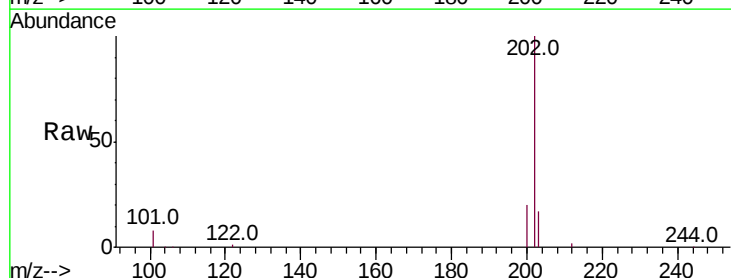
Tgt Ion:202 Resp: 36117

Ion Ratio Lower Upper

202 100

101 8.4 6.9 10.3

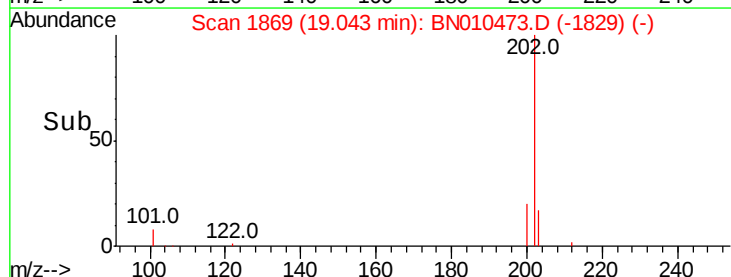
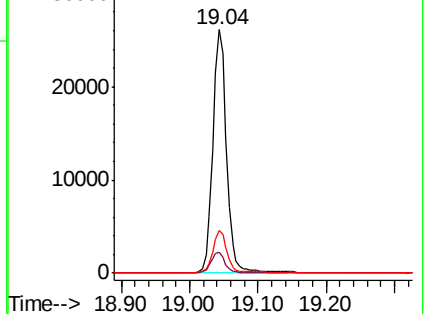
203 17.2 13.9 20.9

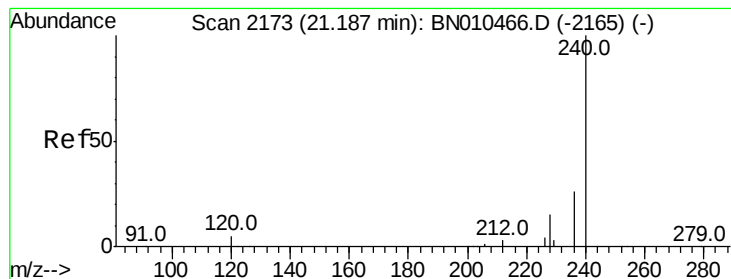


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2174

Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

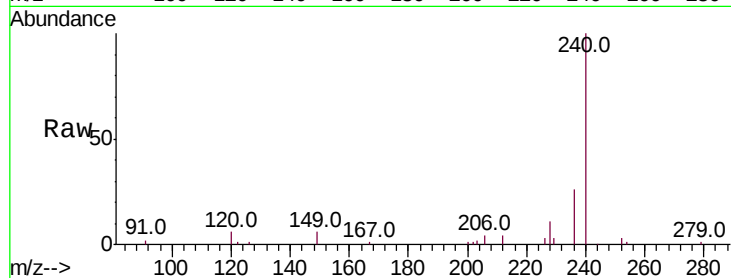
Tot Ion:240 Resp: 25485

Ion Ratio Lower Upper

240 100

120 5.8 4.8 7.2

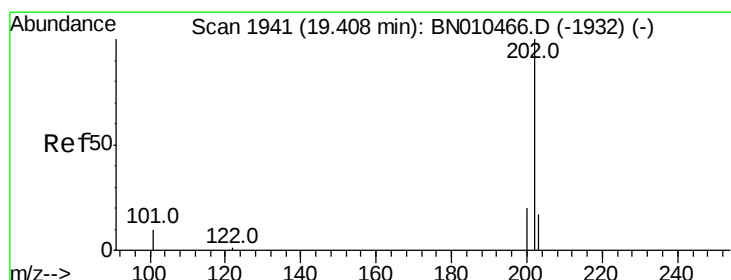
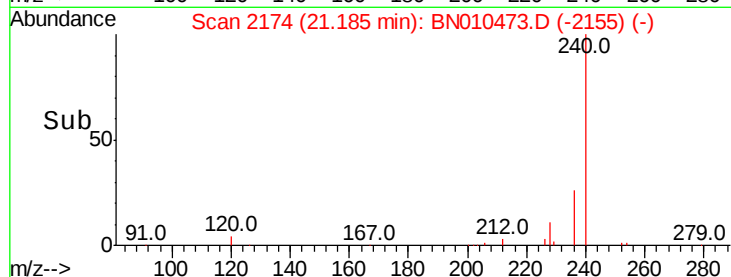
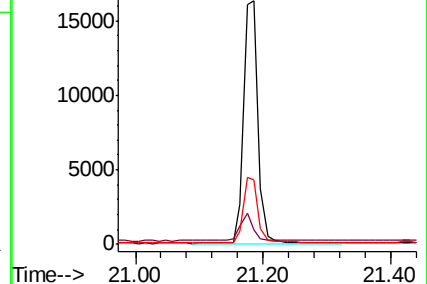
236 26.3 21.4 32.0



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: 0.426 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

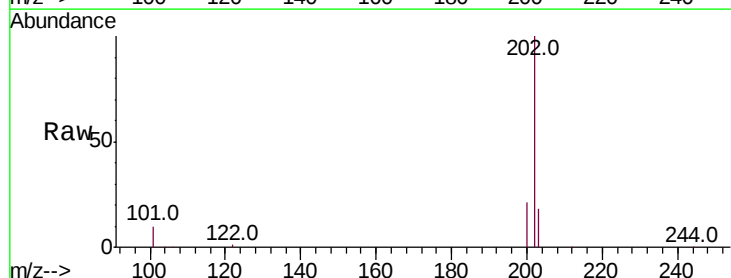
Tgt Ion:202 Resp: 36541

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

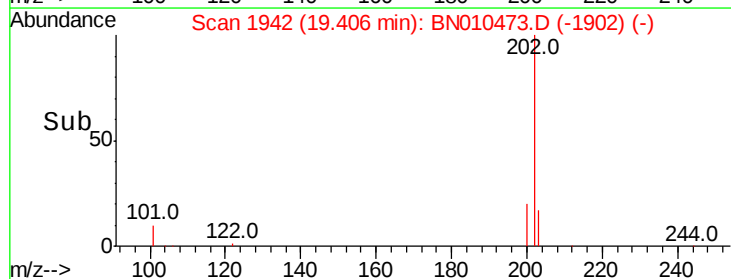
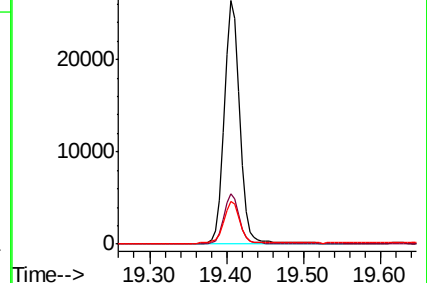
203 17.7 14.0 21.0

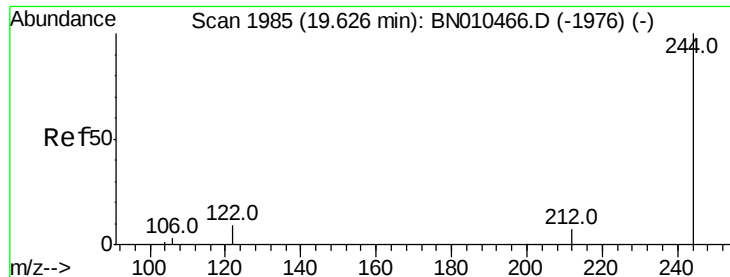


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.469 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

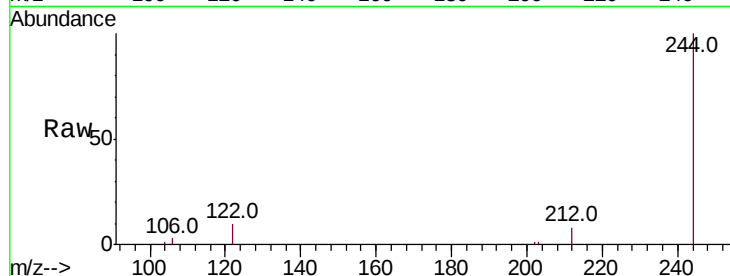
Tot Ion:244 Resp: 27338

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

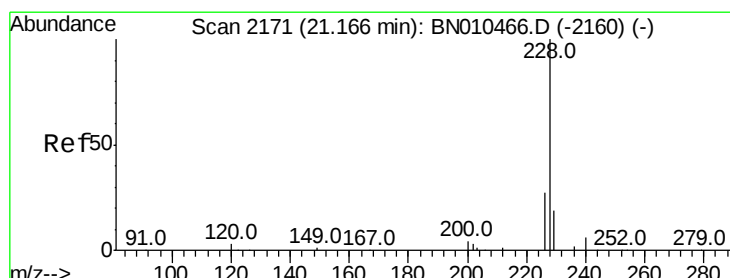
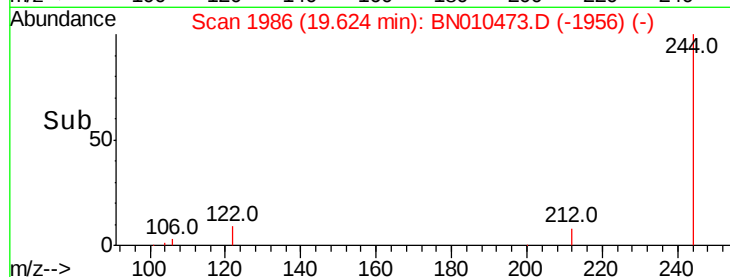
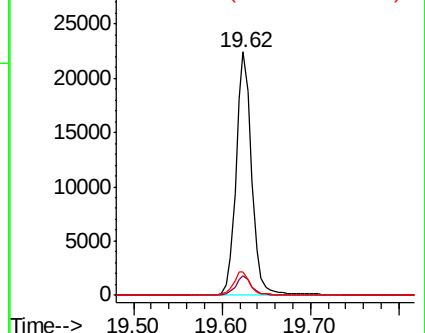
122 9.5 7.8 11.8



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: 0.414 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

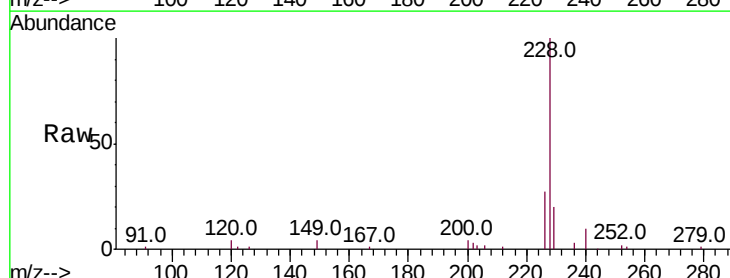
Tgt Ion:228 Resp: 34400

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

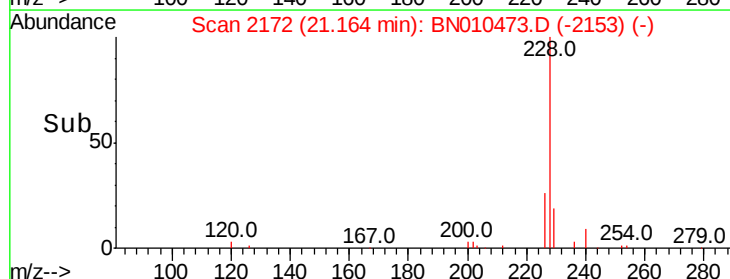
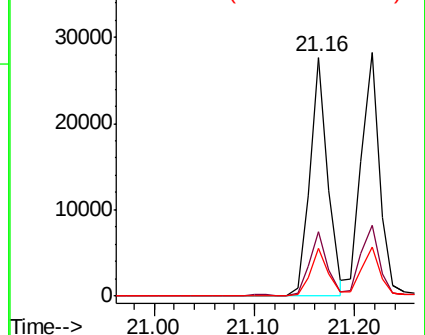
229 19.8 15.6 23.4

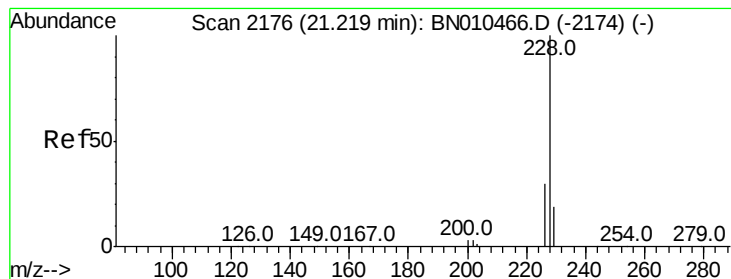


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.432 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

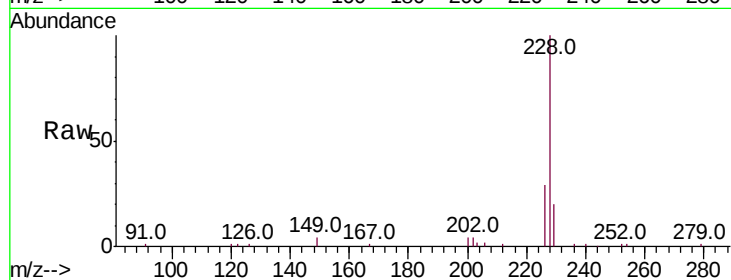
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 35790

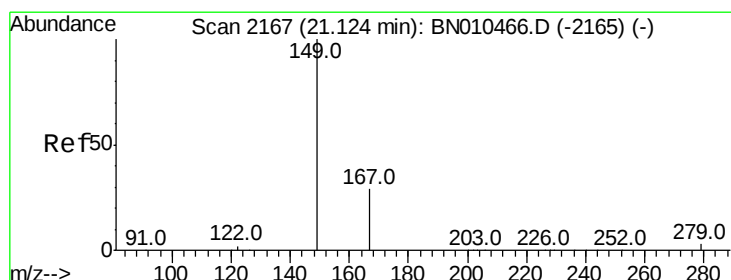
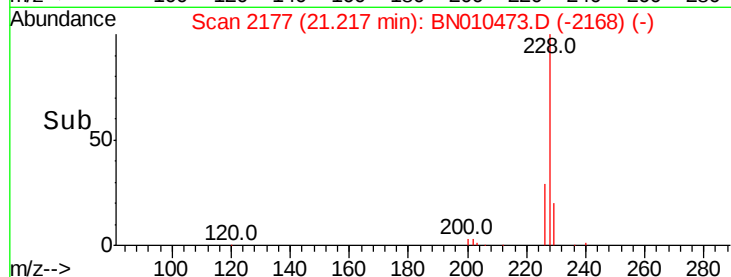
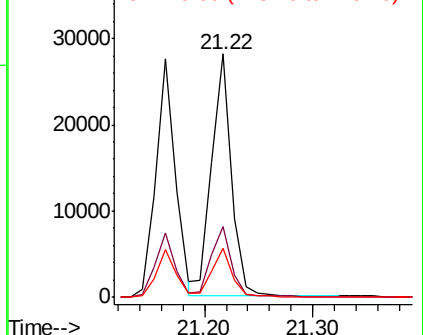
Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	20.1	15.8	23.6



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: 0.370 ng

RT: 21.12 min Scan# 2168

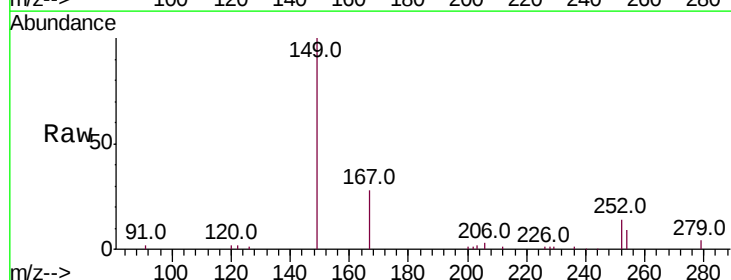
Delta R.T. -0.00 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Tgt Ion:149 Resp: 15771

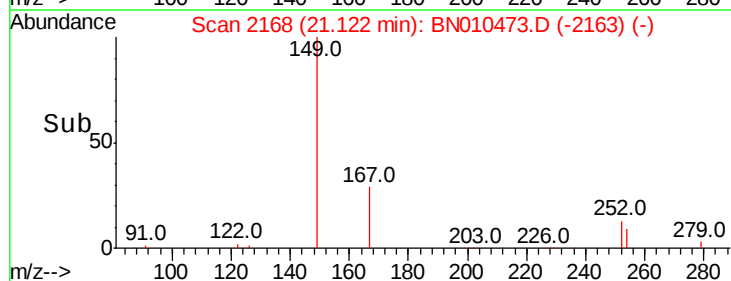
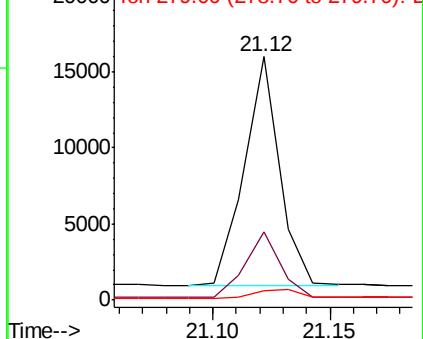
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	4.7	4.0	6.0

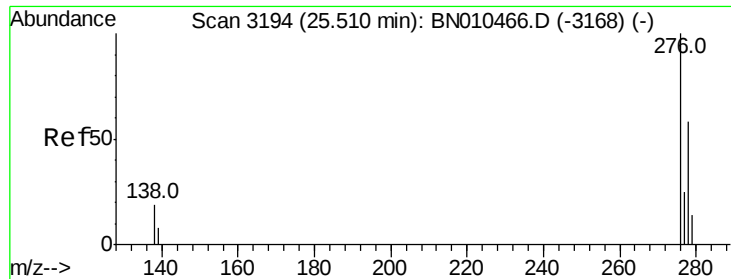


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.443 ng

RT: 25.50 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

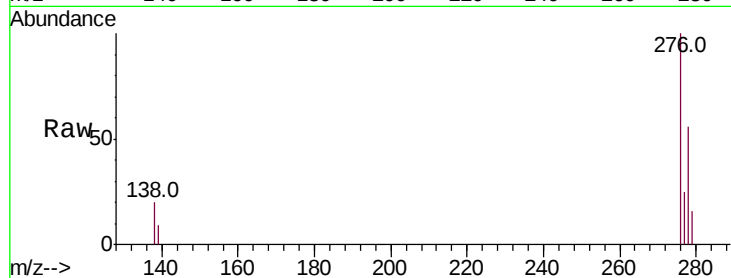
Tot Ion:276 Resp: 32440

Ion Ratio Lower Upper

276 100

138 20.7 16.4 24.6

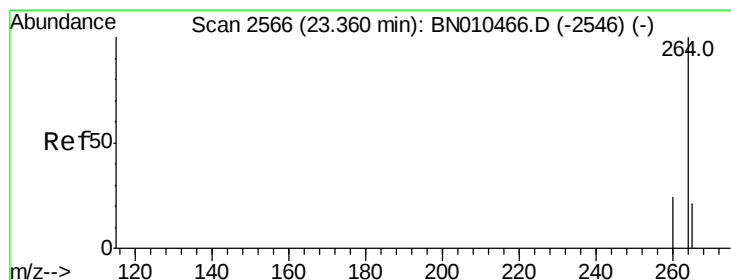
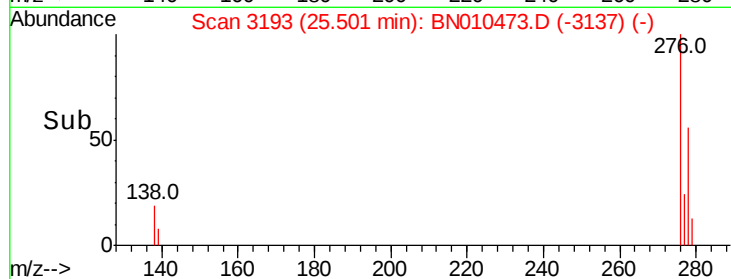
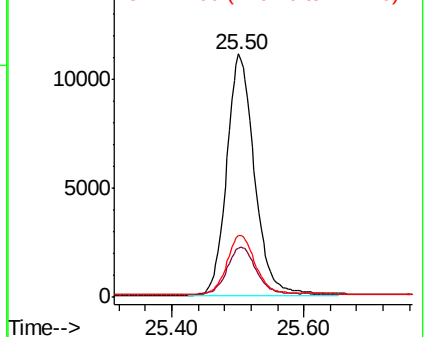
277 25.1 19.8 29.6



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# 2566

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

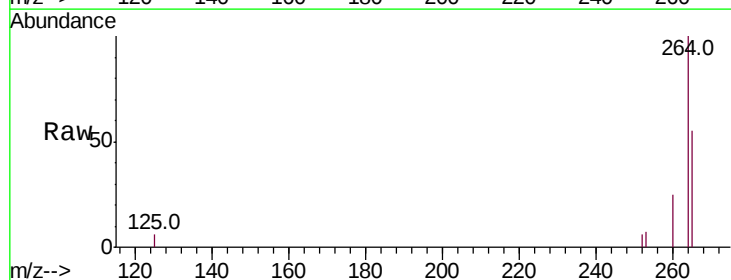
Tgt Ion:264 Resp: 22556

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

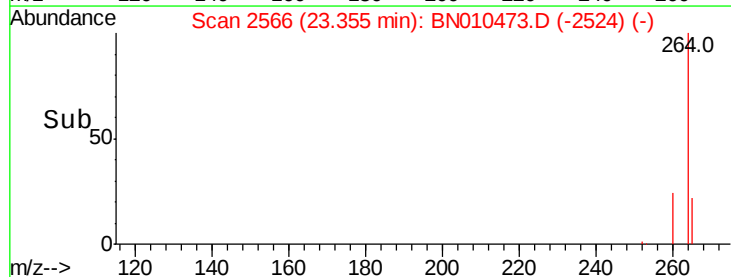
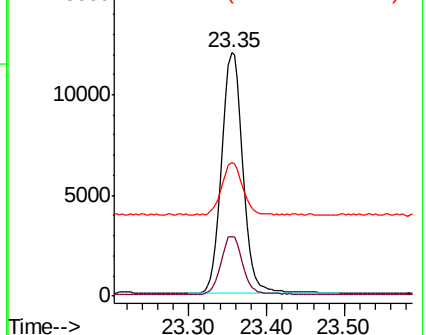
265 54.6 42.3 63.5



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

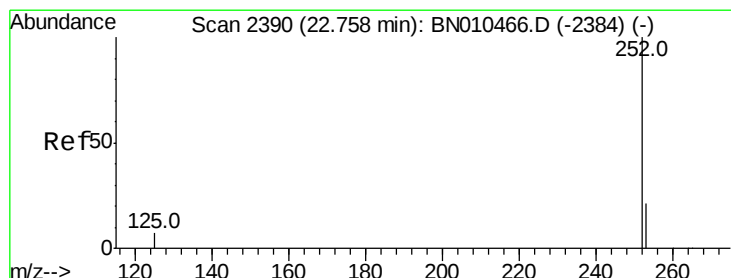
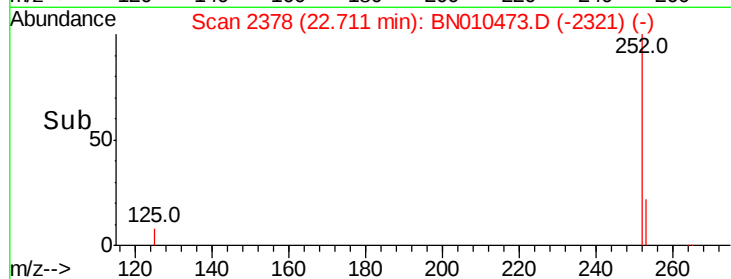
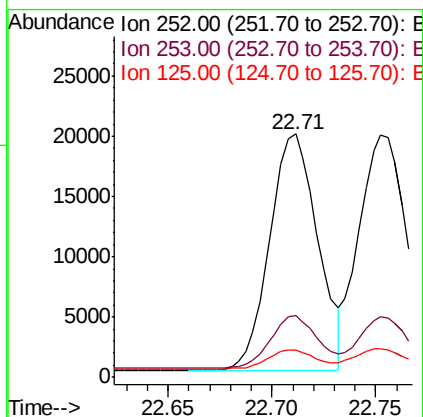
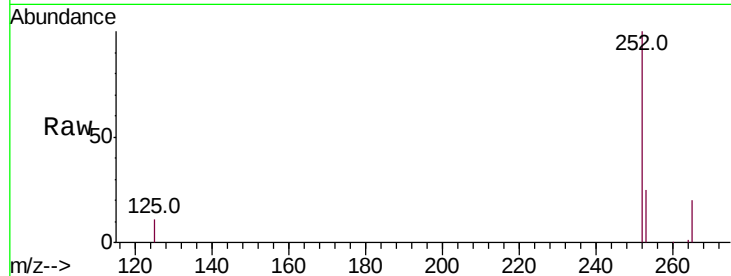




#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010473.D
Acq: 14 Apr 2020 08:38

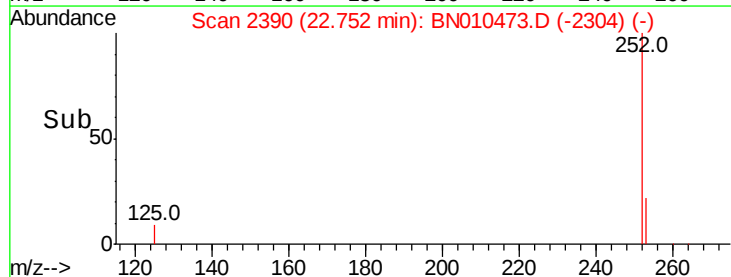
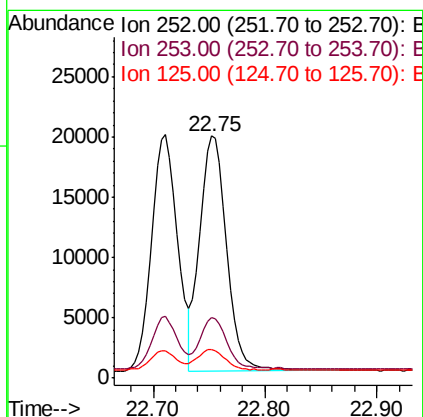
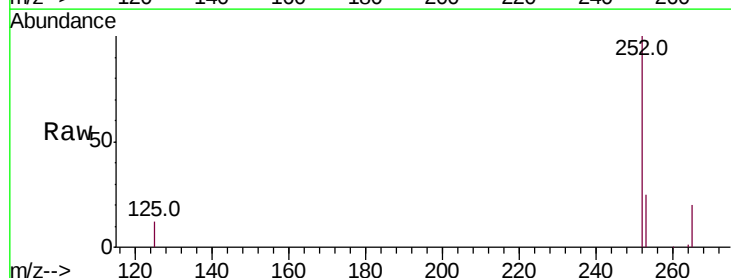
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 31512
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.4
125 11.0 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.436 ng
RT: 22.75 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN010473.D
Acq: 14 Apr 2020 08:38

Tgt Ion:252 Resp: 32429
Ion Ratio Lower Upper
252 100
253 25.0 20.1 30.1
125 12.0 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.441 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

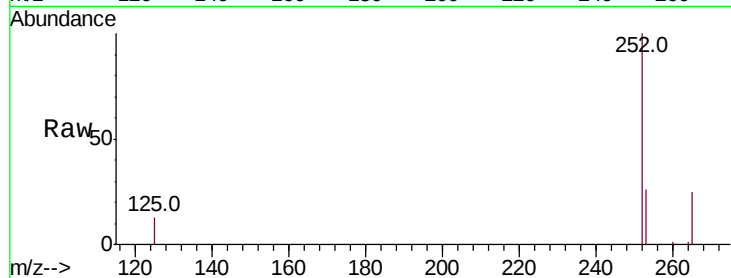
Tot Ion:252 Resp: 29007

Ion Ratio Lower Upper

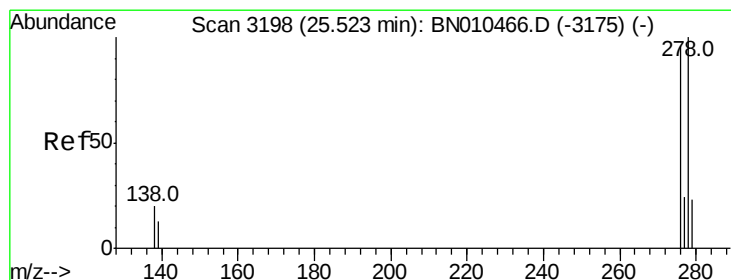
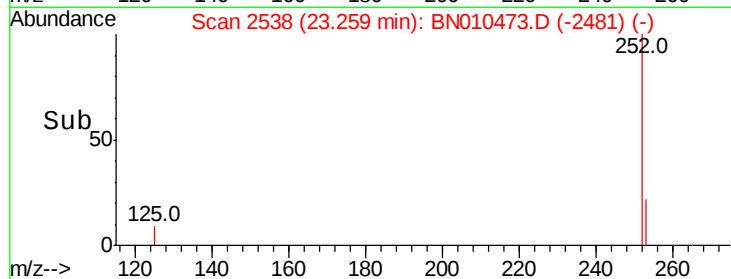
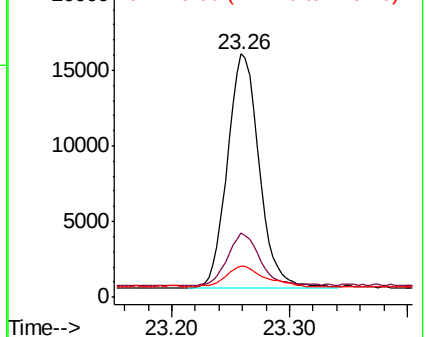
252 100

253 26.4 21.8 32.8

125 12.7 11.0 16.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.439 ng

RT: 25.51 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

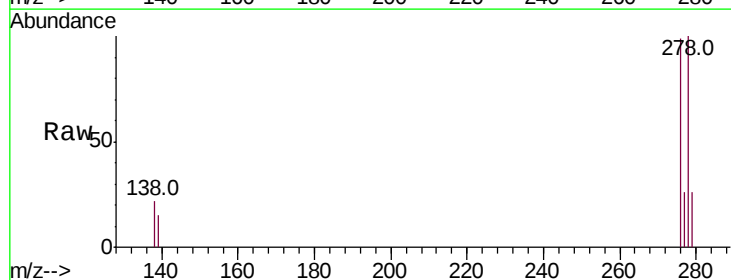
Tgt Ion:278 Resp: 26366

Ion Ratio Lower Upper

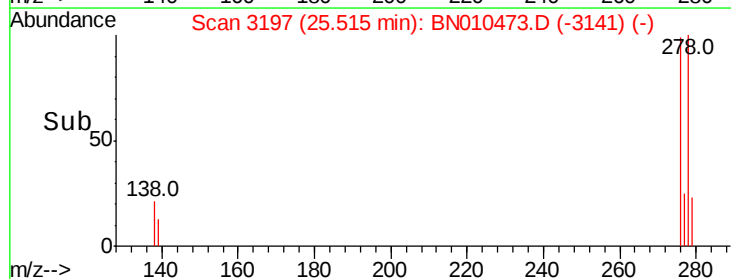
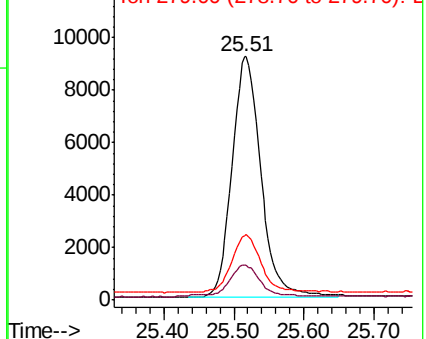
278 100

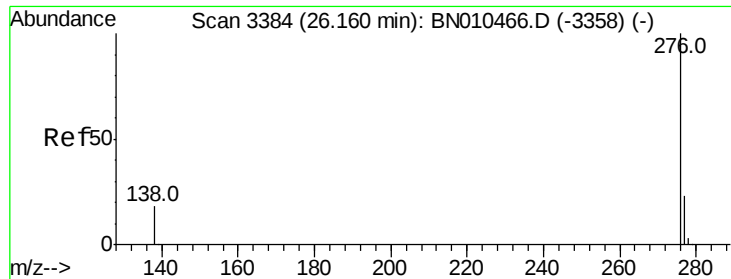
139 14.5 12.3 18.5

279 26.5 21.9 32.9



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: 0.457 ng

RT: 26.15 min Scan# 3384

Delta R.T. -0.01 min

Lab File: BN010473.D

Acq: 14 Apr 2020 08:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

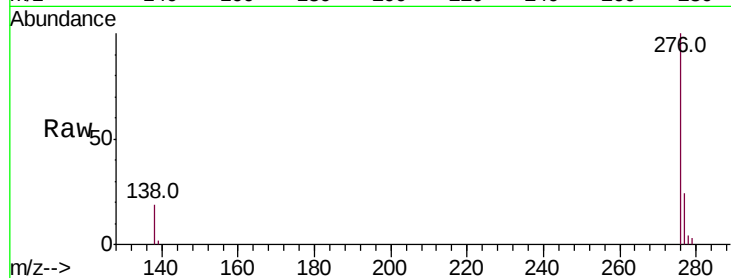
Tot Ion:276 Resp: 27658

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.2

138 18.6 15.4 23.2



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

