

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010290.D
 Acq On : 19 Mar 2020 14:41
 Operator : CG/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Mar 19 15:18:56 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 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4510	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14047	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8928	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	20074	0.40	ng	0.00
27) Chrysene-d12	21.19	240	23172	0.40	ng	0.00
34) Perylene-d12	23.36	264	21114	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	43232	4.09	ng	0.00
5) Phenol-d6	6.80	99	55183	4.17	ng	0.00
8) Nitrobenzene-d5	8.75	82	49590	5.89	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	116899	5.04	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	20192	6.32	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	169710	5.34	ng	0.00
25) Fluoranthene-d10	19.03	212	327328	5.28	ng	0.00
29) Terphenyl-d14	19.64	244	248240	4.70	ng	0.00

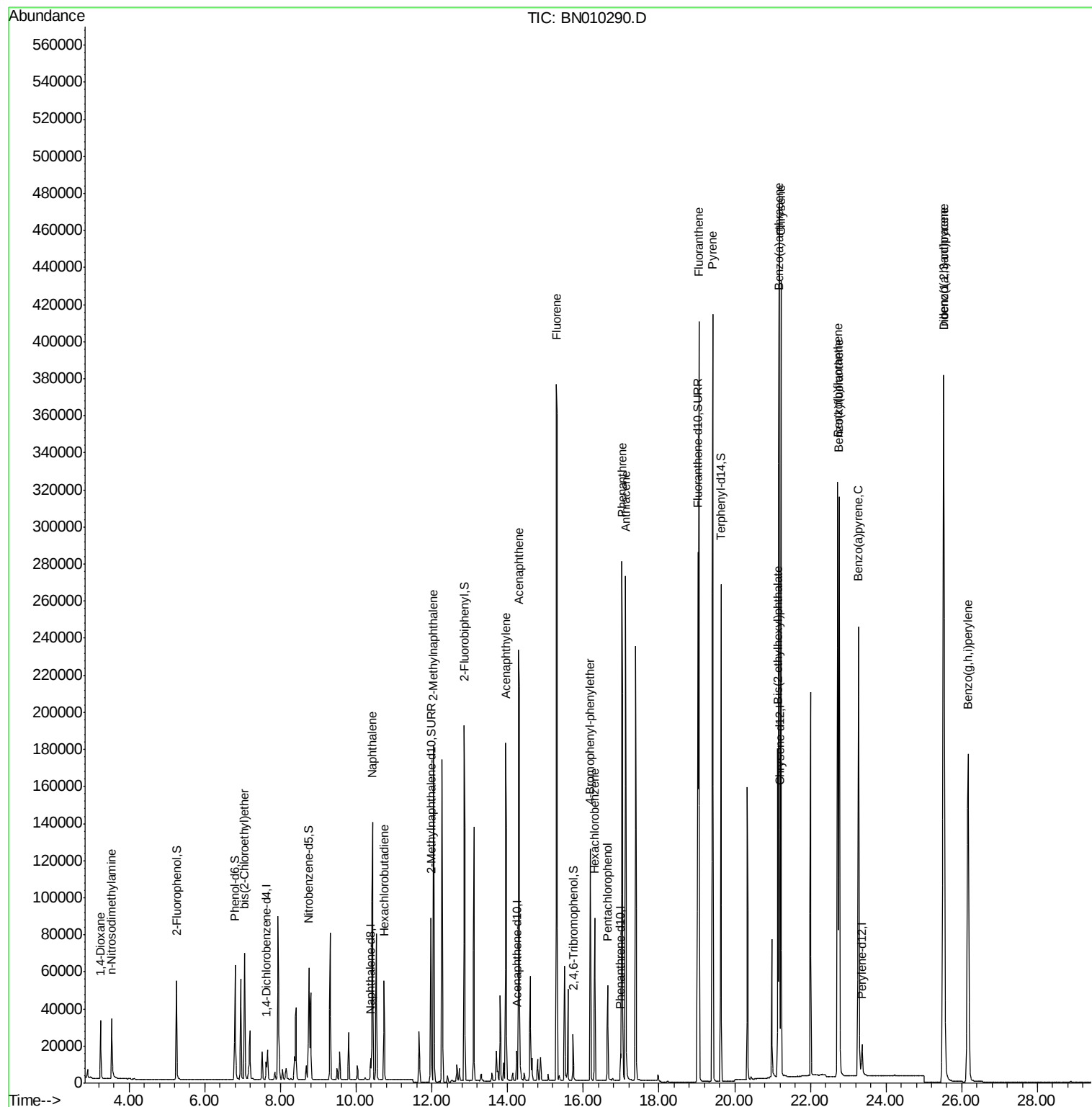
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	20283	4.610	ng	99
3) n-Nitrosodimethylamine	3.54	42	19548	5.017	ng	97
6) bis(2-Chloroethyl)ether	7.06	93	50652	4.586	ng	99
9) Naphthalene	10.43	128	177267	5.038	ng	99
10) Hexachlorobutadiene	10.73	225	41553	5.128	ng	# 98
12) 2-Methylnaphthalene	12.05	142	126188	4.992	ng	98
16) Acenaphthylene	13.95	152	199880	4.850	ng	100
17) Acenaphthene	14.30	154	131402	5.257	ng	96
18) Fluorene	15.29	166	173934	5.103	ng	98
20) 4-Bromophenyl-phenylether	16.18	248	65804	5.710	ng	# 89
21) Hexachlorobenzene	16.30	284	64795	5.756	ng	98
22) Pentachlorophenol	16.64	266	25021	7.200	ng	94
23) Phenanthrene	17.02	178	289538	5.437	ng	100
24) Anthracene	17.12	178	268182	5.053	ng	100
26) Fluoranthene	19.06	202	365251	5.415	ng	100
28) Pyrene	19.42	202	364076	4.704	ng	100
30) Benzo(a)anthracene	21.18	228	395354	5.019	ng	99
31) Chrysene	21.23	228	386002	4.977	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	151406	4.513	ng	100
33) Indeno(1,2,3-cd)pyrene	25.52	276	439990	4.782	ng	100
35) Benzo(b)fluoranthene	22.72	252	392302	6.042	ng	96
36) Benzo(k)fluoranthene	22.76	252	379012	5.777	ng	# 92
37) Benzo(a)pyrene	23.27	252	344335	5.621	ng	# 94
38) Dibenzo(a,h)anthracene	25.53	278	361032	5.874	ng	98
39) Benzo(g,h,i)perylene	26.17	276	359050	5.851	ng	99

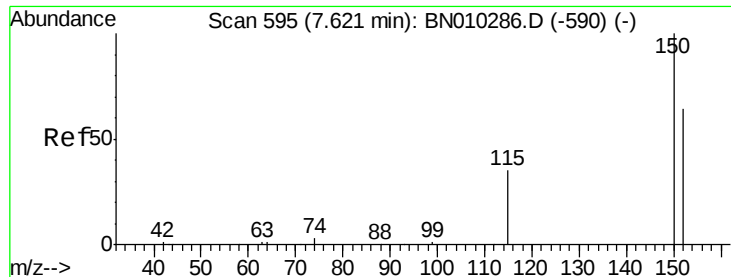
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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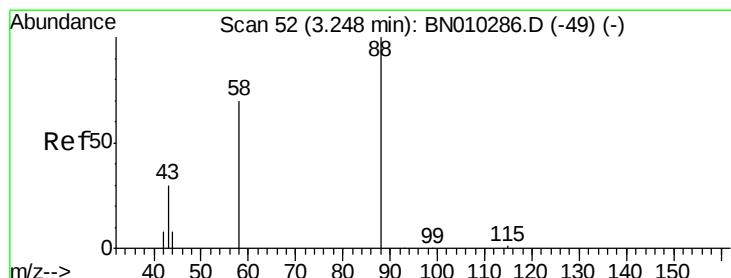
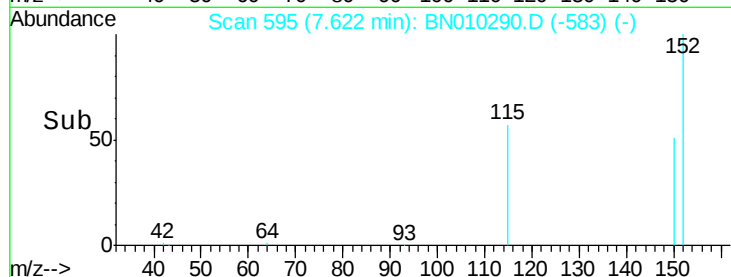
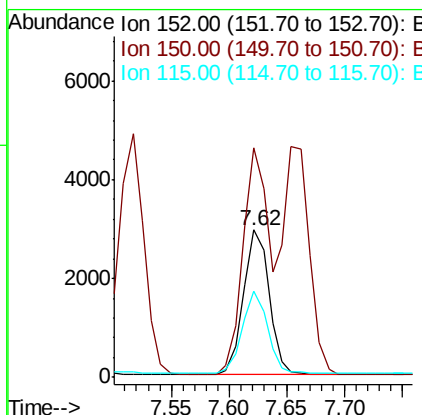
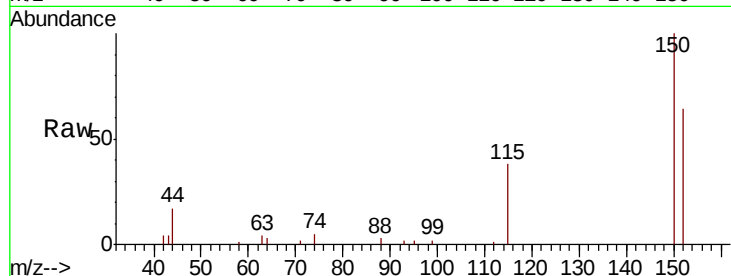


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010290.D
Acq: 19 Mar 2020 14:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

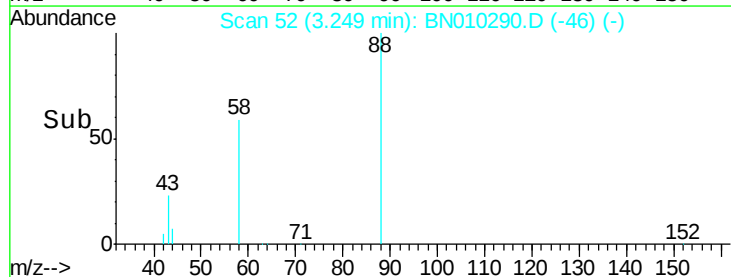
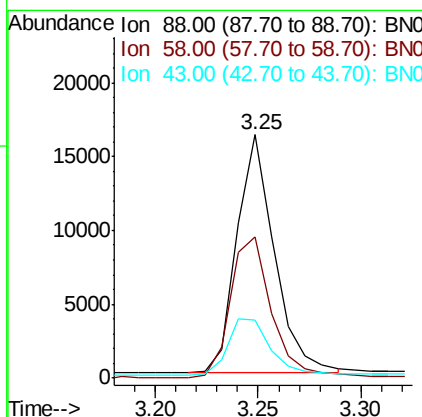
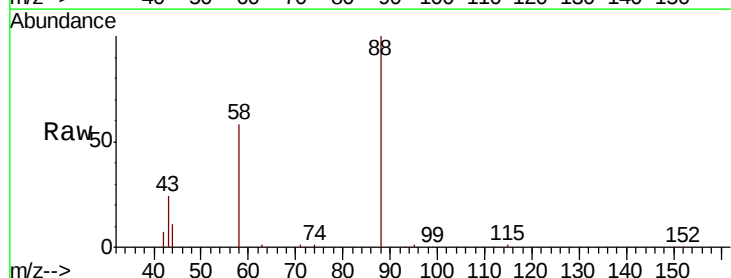
Tot Ion:152 Resp: 4510
Ion Ratio Lower Upper
152 100
150 155.5 123.1 184.7
115 58.5 45.2 67.8

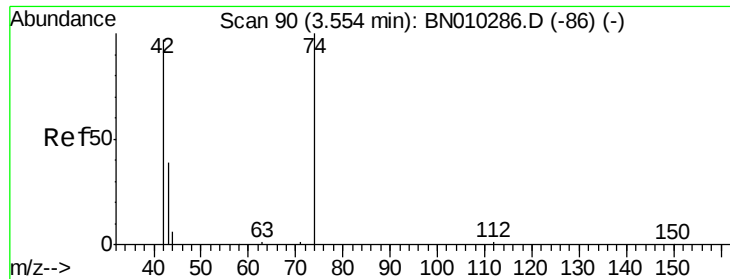


#2

1,4-Dioxane
Concen: 4.610 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010290.D
Acq: 19 Mar 2020 14:41

Tgt Ion: 88 Resp: 20283
Ion Ratio Lower Upper
88 100
58 64.2 51.7 77.5
43 26.7 21.2 31.8



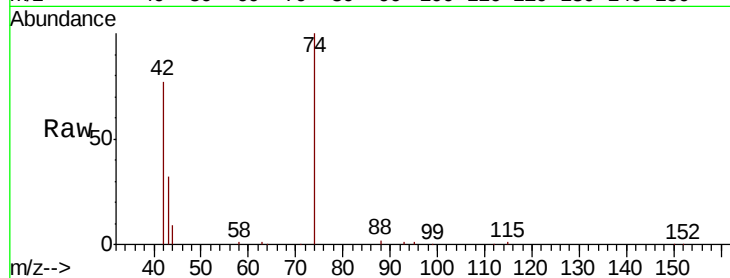


#3

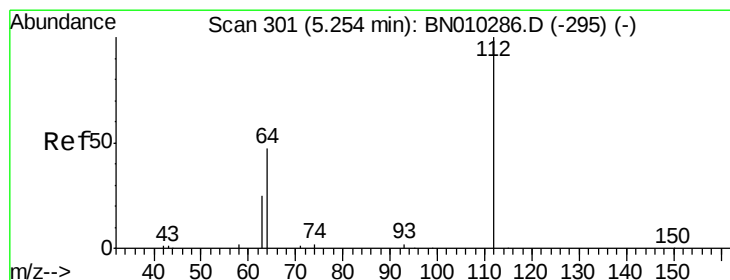
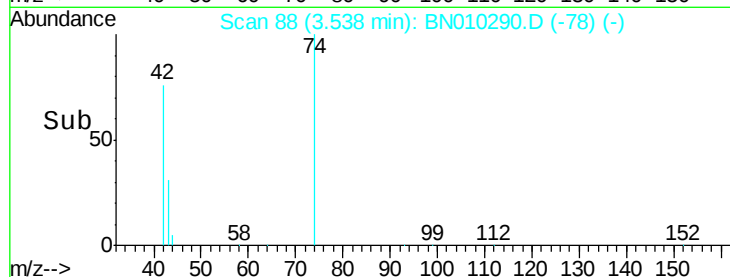
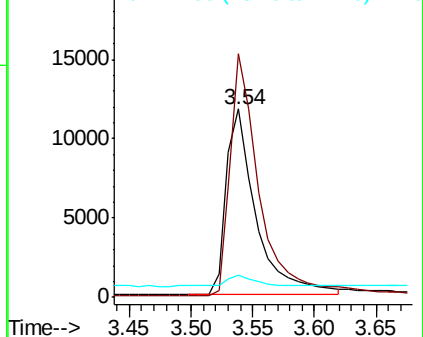
n-Nitrosodimethylamine
 Concen: 5.017 ng
 RT: 3.54 min Scan# 88
 Delta R.T. -0.02 min
 Lab File: BN010290.D
 Acq: 19 Mar 2020 14:41

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion: 42 Resp: 19548
 Ion Ratio Lower Upper
 42 100
 74 128.1 99.4 149.0
 44 5.6 4.8 7.2



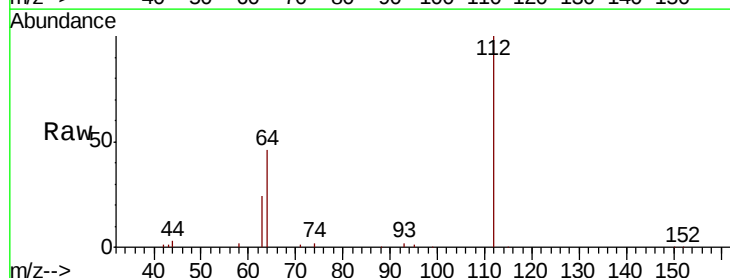
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



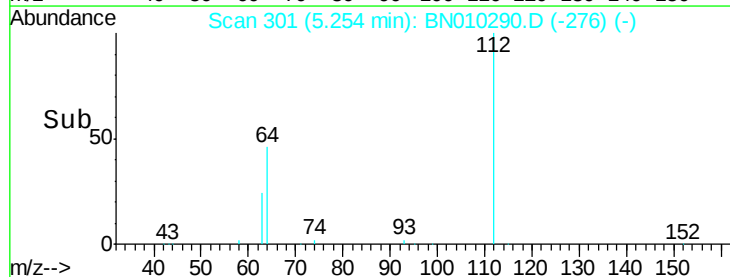
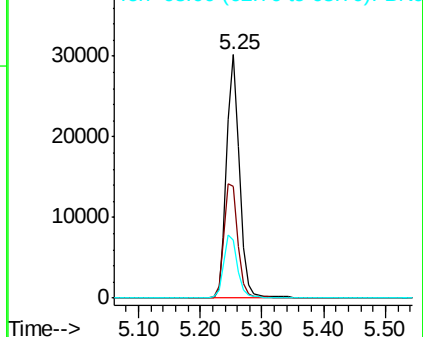
#4

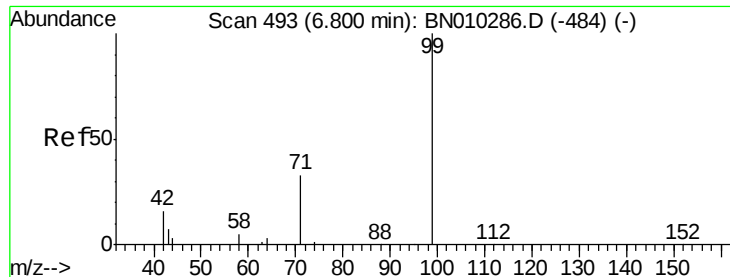
2-Fluorophenol
 Concen: 4.086 ng
 RT: 5.25 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BN010290.D
 Acq: 19 Mar 2020 14:41

Tgt Ion: 112 Resp: 43232
 Ion Ratio Lower Upper
 112 100
 64 51.3 41.4 62.2
 63 27.3 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: 4.172 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

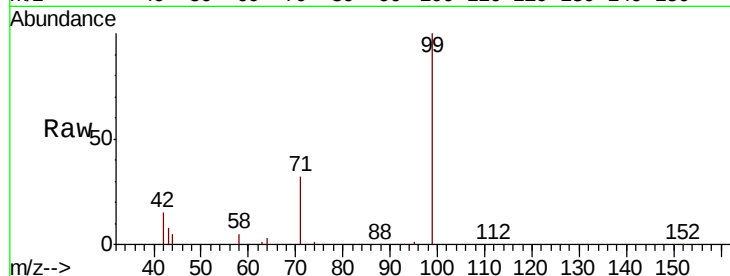
Tot Ion: 99 Resp: 55183

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

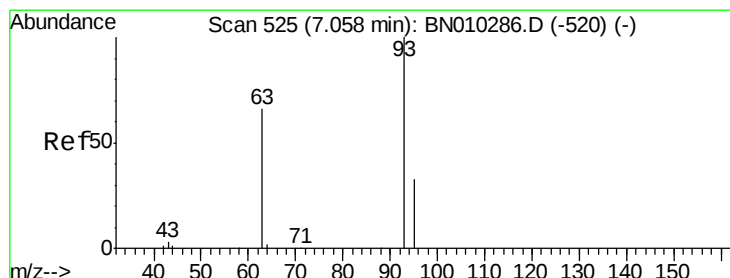
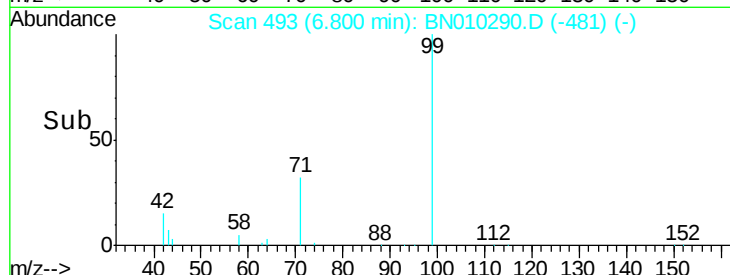
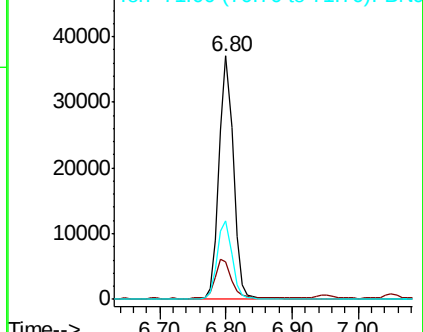
71 33.4 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)



#6

bis(2-Chloroethyl)ether

Concen: 4.586 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

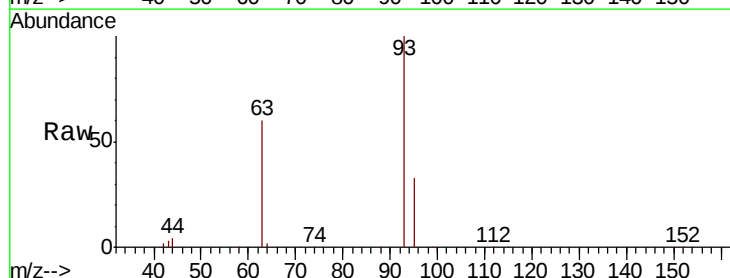
Tgt Ion: 93 Resp: 50652

Ion Ratio Lower Upper

93 100

63 68.5 55.6 83.4

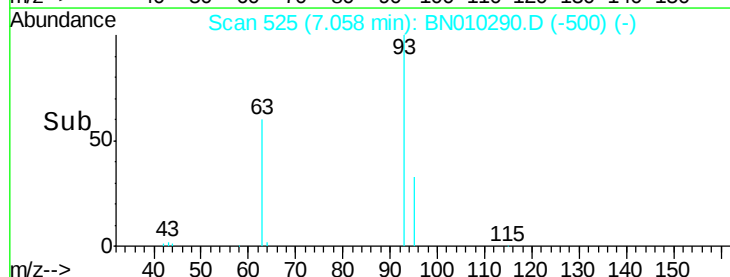
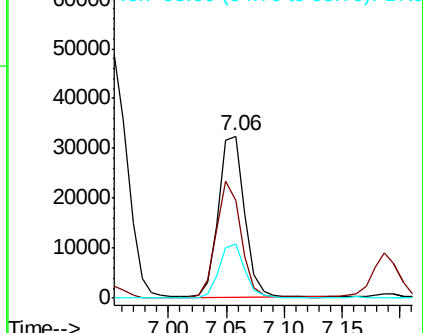
95 32.8 26.2 39.4

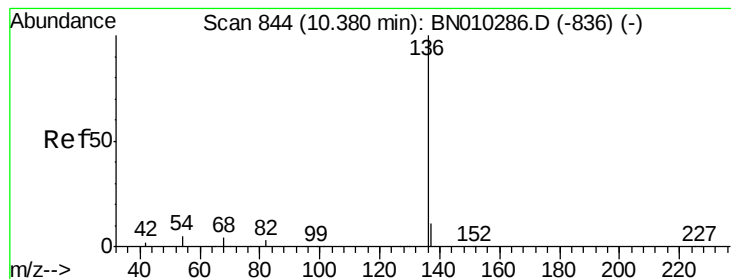


Abundance Ion 93.00 (92.70 to 93.70): BN010286.D (-520) (-)

Ion 63.00 (62.70 to 63.70): BN010286.D (-520) (-)

Ion 95.00 (94.70 to 95.70): BN010286.D (-520) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 14047

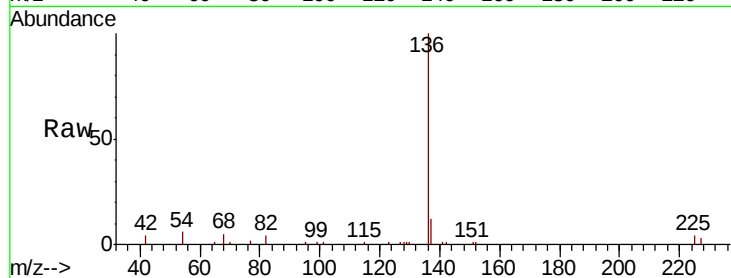
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 6.0 4.8 7.2

68 5.3 4.1 6.1

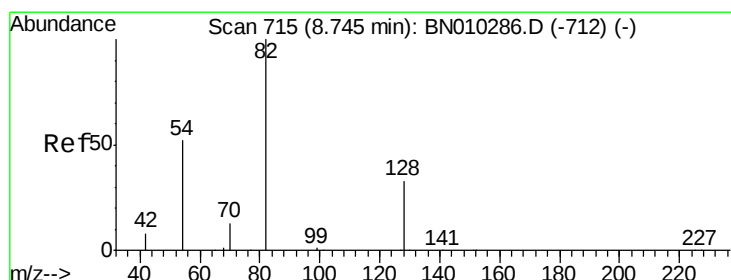
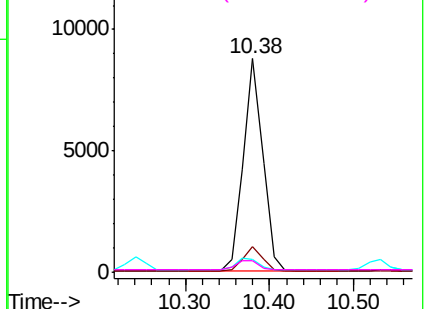
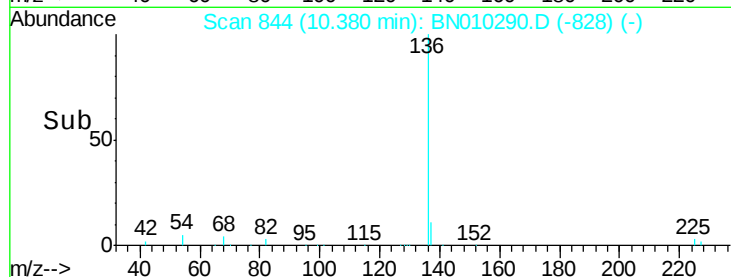


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.887 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

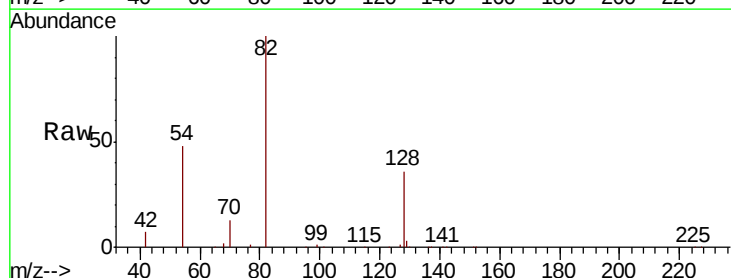
Tgt Ion: 82 Resp: 49590

Ion Ratio Lower Upper

82 100

128 35.9 28.8 43.2

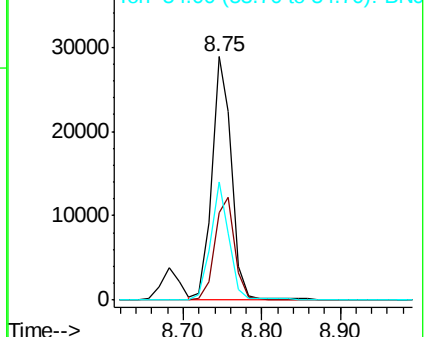
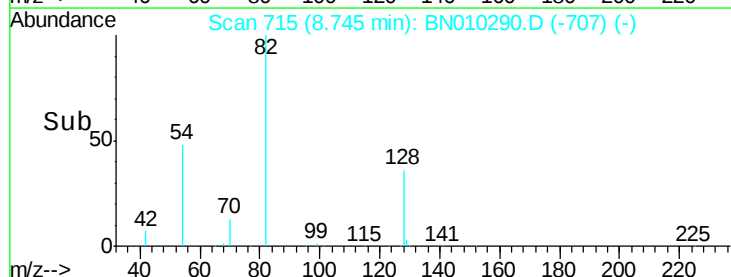
54 48.4 42.1 63.1

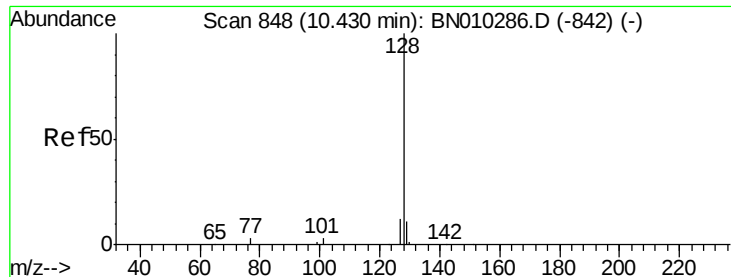


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.038 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

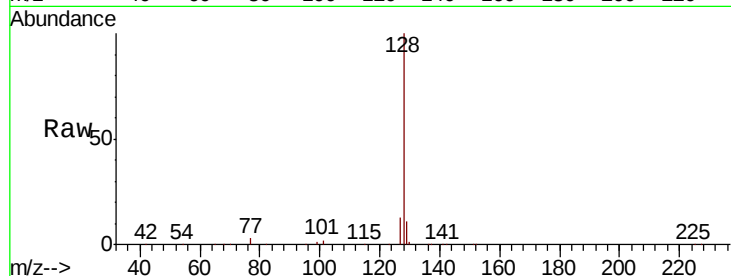
Tot Ion:128 Resp: 177267

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

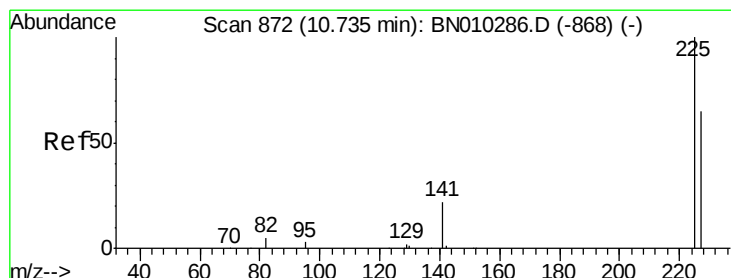
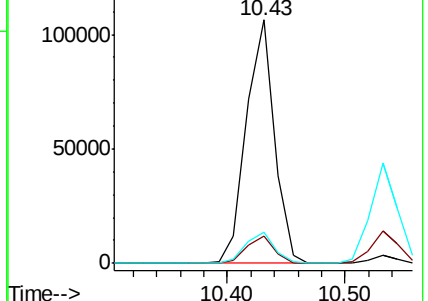
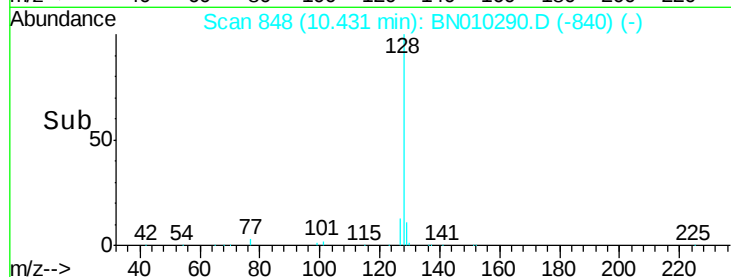
127 12.9 10.4 15.6



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: 5.128 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

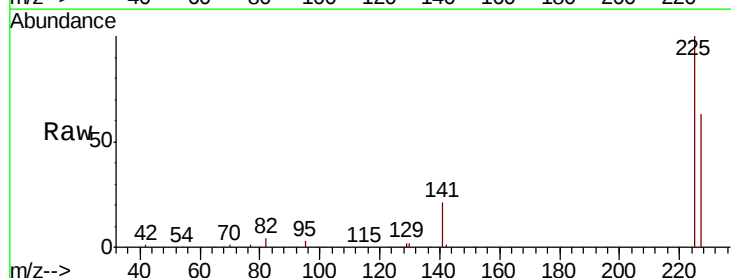
Tgt Ion:225 Resp: 41553

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

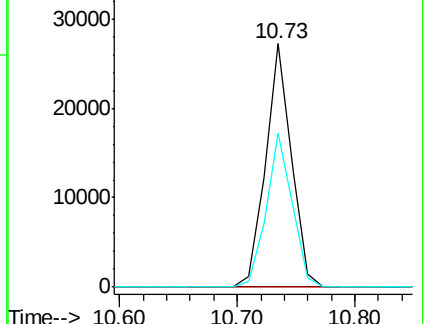
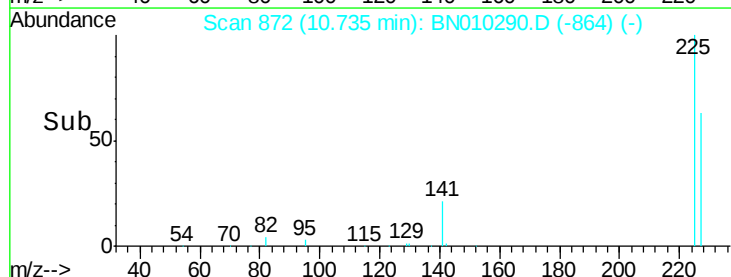
227 63.6 51.9 77.9

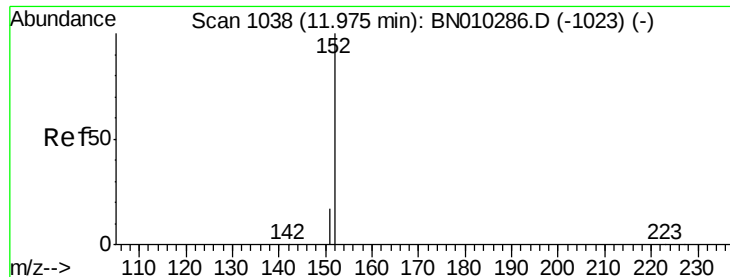


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

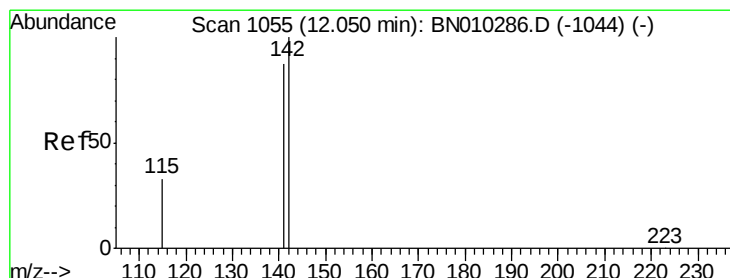
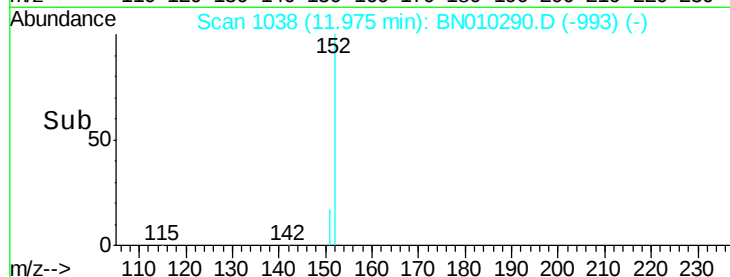
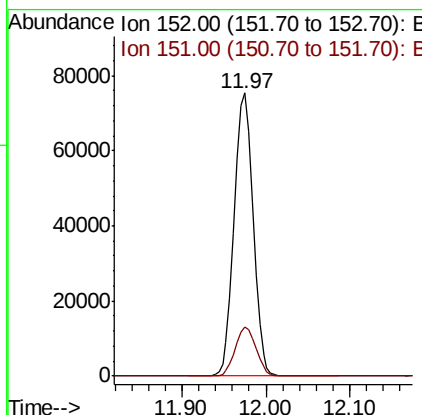
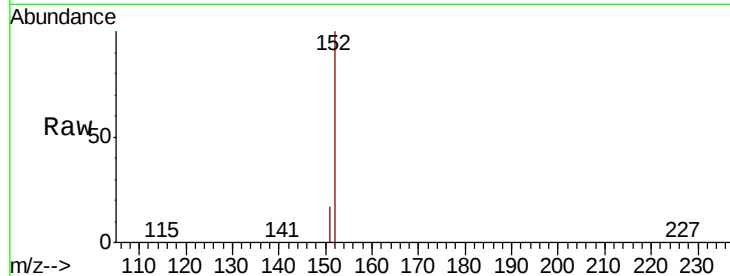




#11
2-Methylnaphthalene-d10
Concen: 5.039 ng
RT: 11.97 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BN010290.D
Acq: 19 Mar 2020 14:41

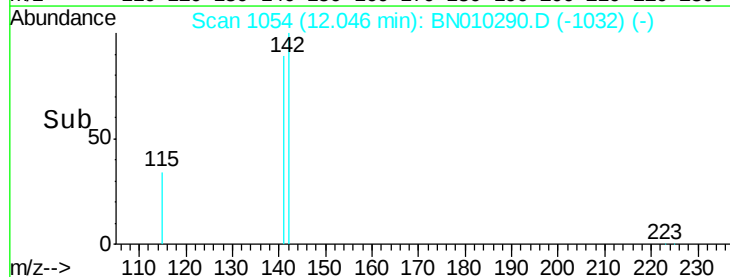
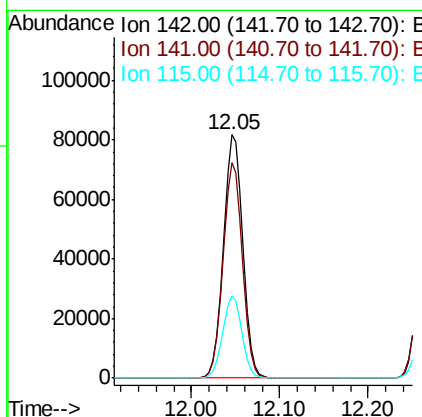
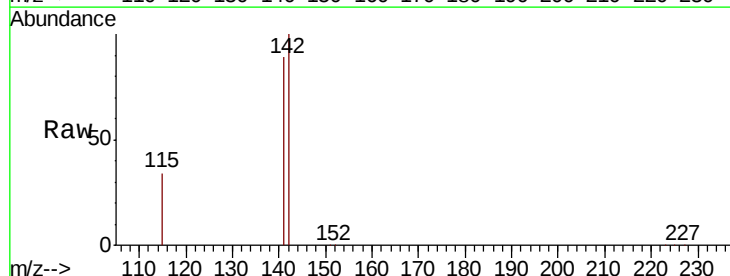
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

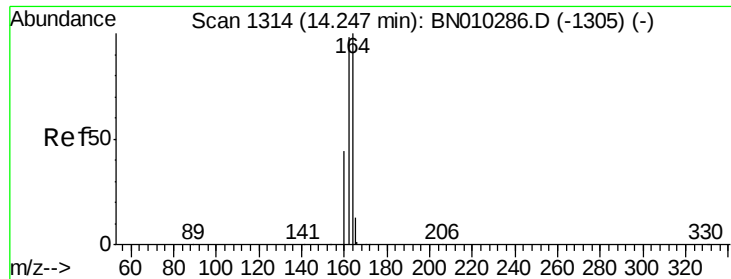
Tot Ion:152 Resp: 116899
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.2



#12
2-Methylnaphthalene
Concen: 4.992 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010290.D
Acq: 19 Mar 2020 14:41

Tgt Ion:142 Resp: 126188
Ion Ratio Lower Upper
142 100
141 88.7 69.5 104.3
115 33.9 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

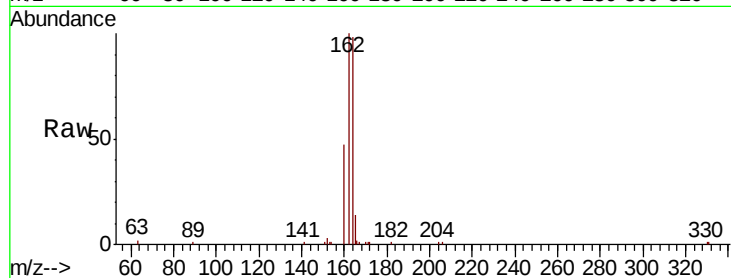
Tot Ion:164 Resp: 8928

Ion Ratio Lower Upper

164 100

162 102.0 78.2 117.2

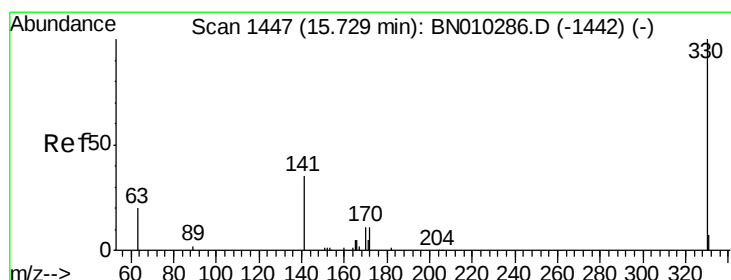
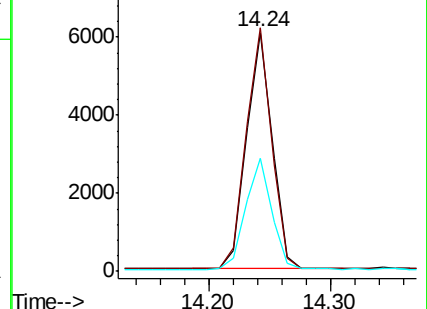
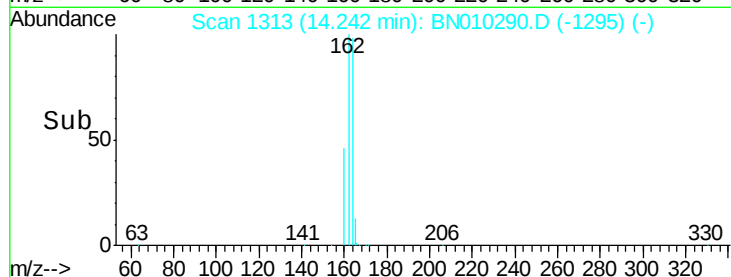
160 47.5 35.8 53.6



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: 6.318 ng

RT: 15.74 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

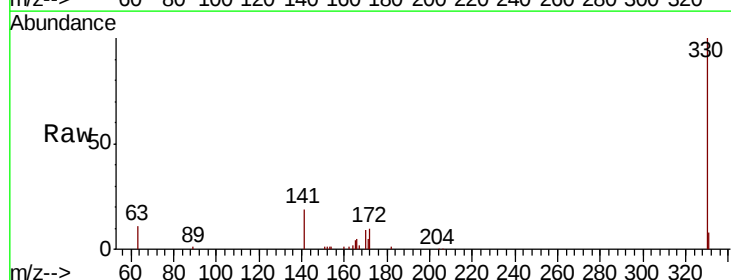
Tgt Ion:330 Resp: 20192

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

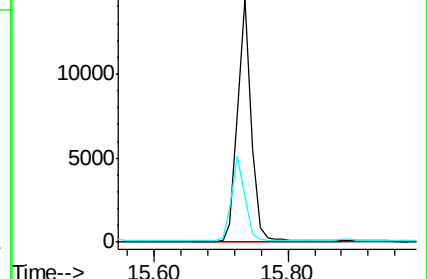
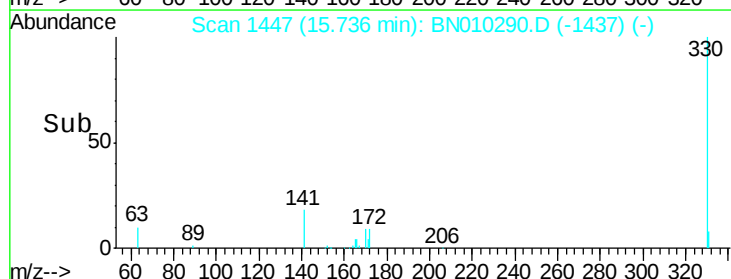
141 35.2 29.3 43.9

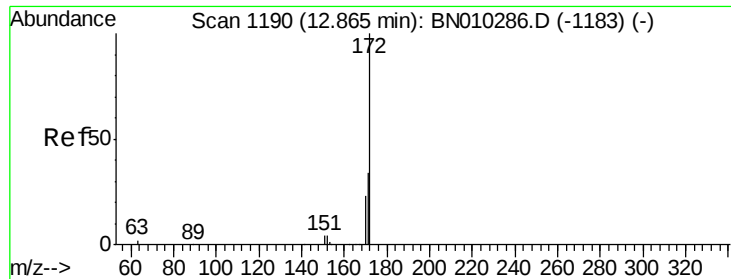


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

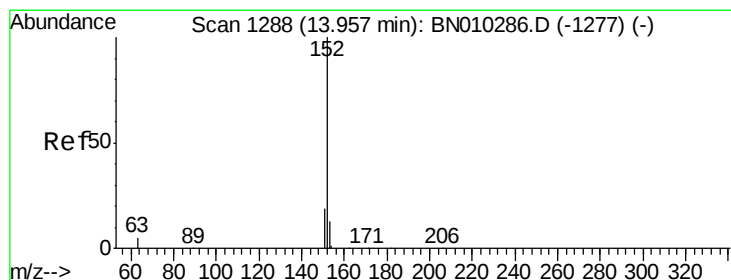
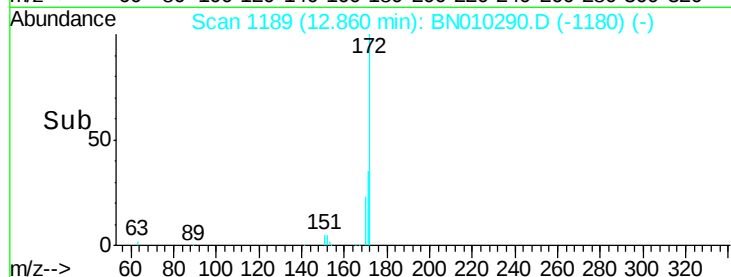
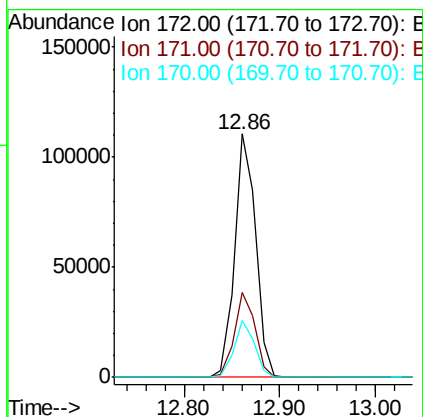
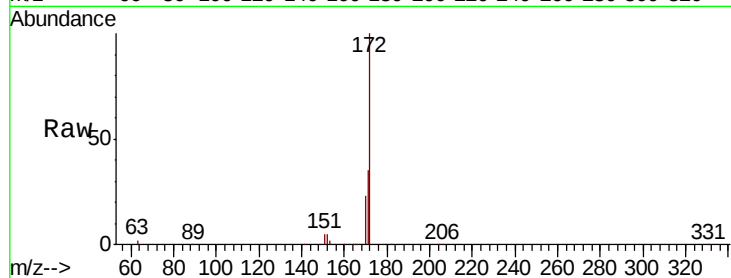




#15
2-Fluorobiphenyl
Concen: 5.339 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010290.D
Acq: 19 Mar 2020 14:41

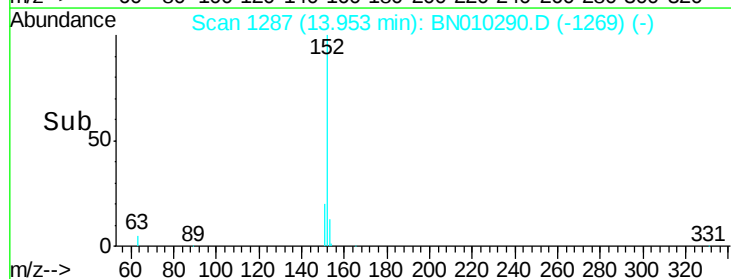
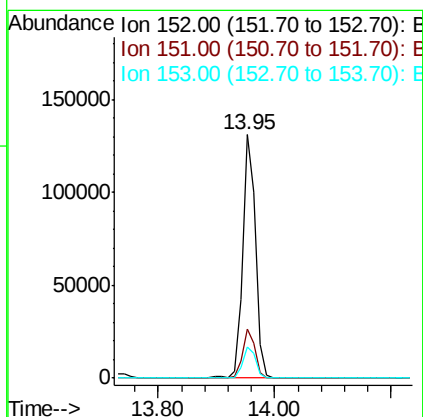
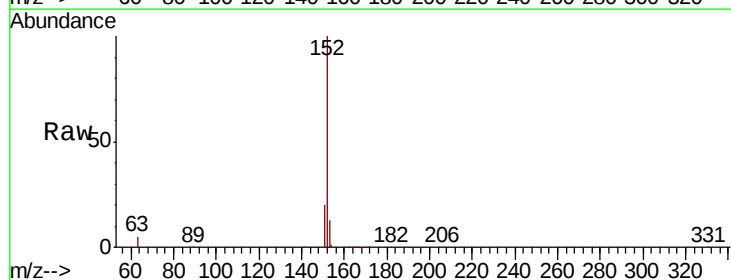
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

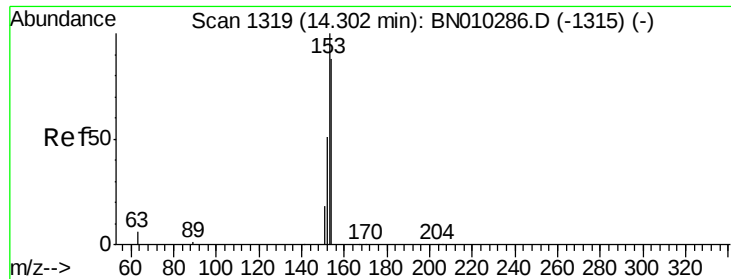
Tot Ion:172 Resp: 169710
Ion Ratio Lower Upper
172 100
171 35.1 27.6 41.4
170 23.2 18.5 27.7



#16
Acenaphthylene
Concen: 4.850 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN010290.D
Acq: 19 Mar 2020 14:41

Tgt Ion:152 Resp: 199880
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 5.257 ng

RT: 14.30 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

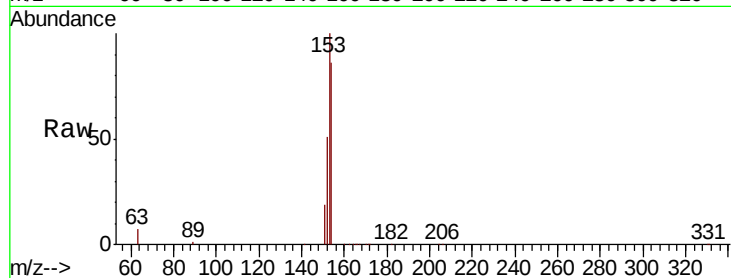
Tot Ion:154 Resp: 131402

Ion Ratio Lower Upper

154 100

153 107.5 88.1 132.1

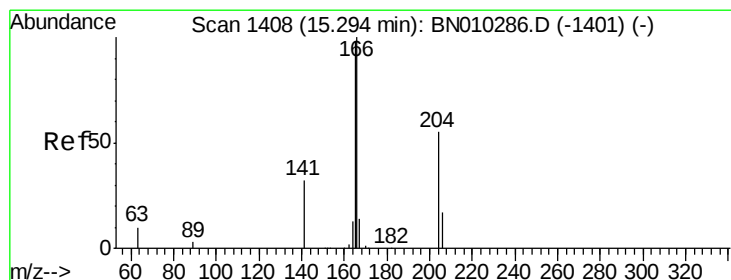
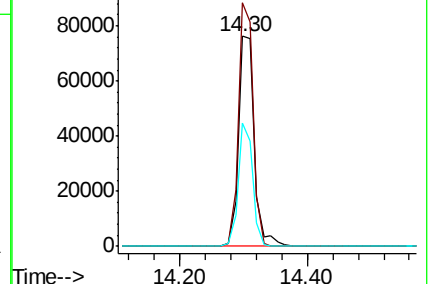
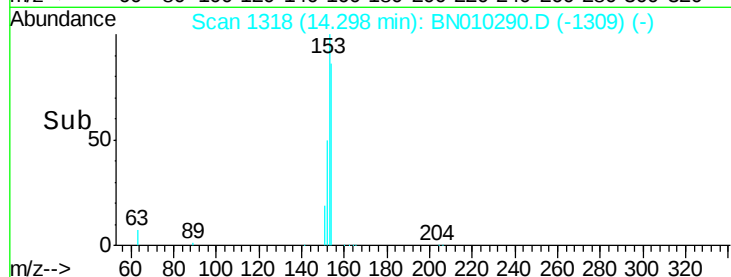
152 52.8 45.5 68.3



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: 5.103 ng

RT: 15.29 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

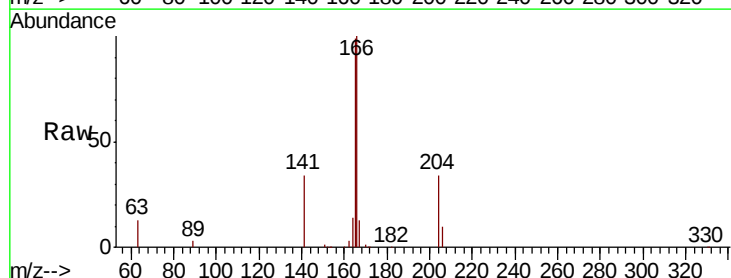
Tgt Ion:166 Resp: 173934

Ion Ratio Lower Upper

166 100

165 96.7 78.7 118.1

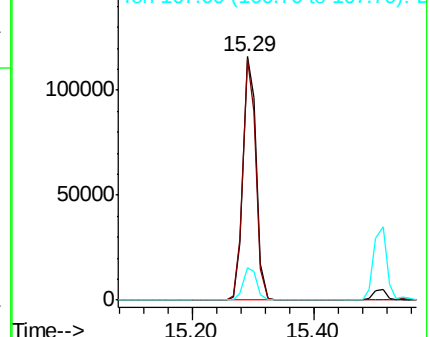
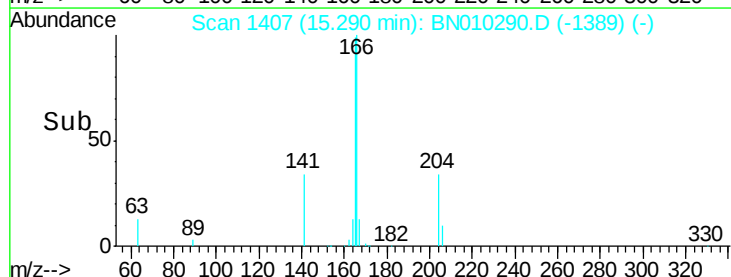
167 13.4 11.0 16.4

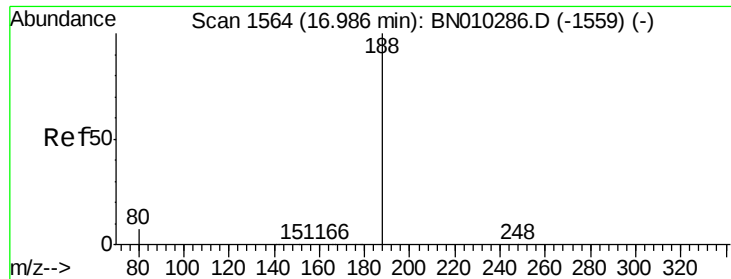


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

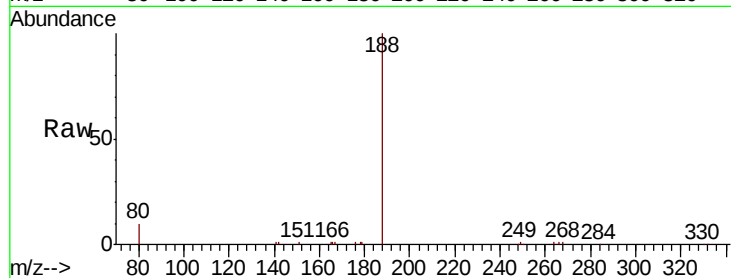
Tot Ion:188 Resp: 20074

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

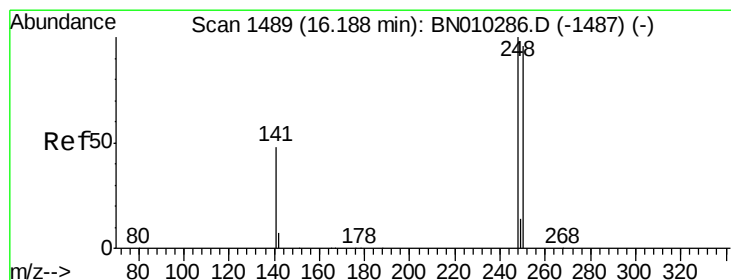
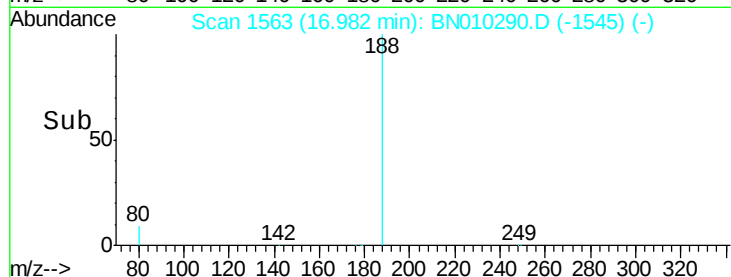
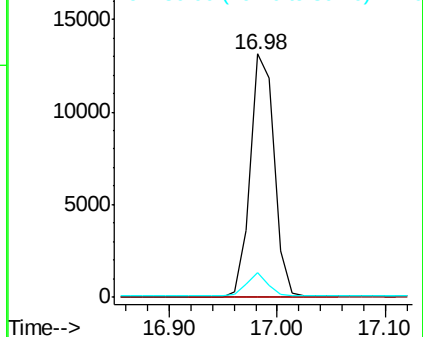
80 10.1 6.0 9.0#



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: 5.710 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

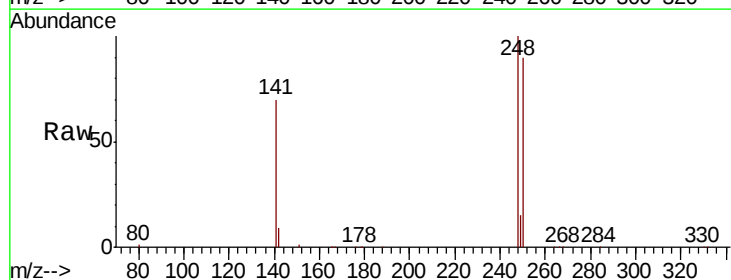
Tgt Ion:248 Resp: 65804

Ion Ratio Lower Upper

248 100

250 90.1 76.8 115.2

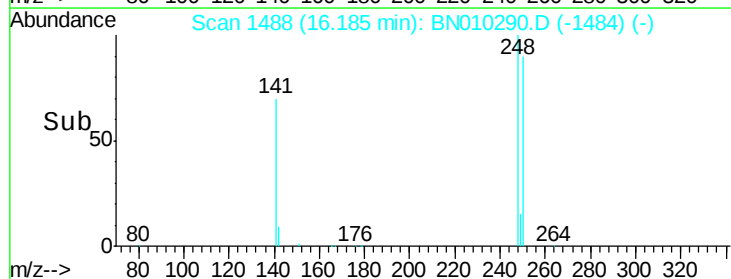
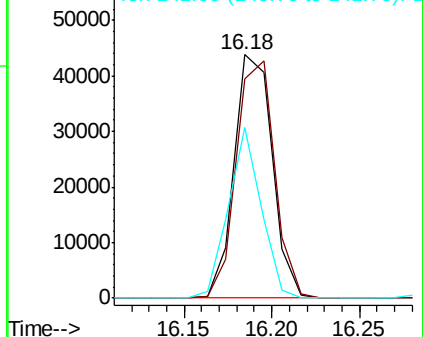
141 70.3 44.4 66.6#

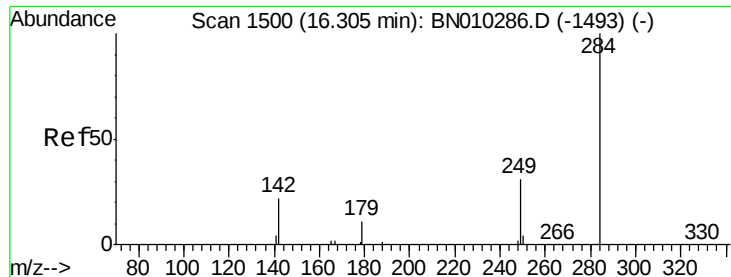


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

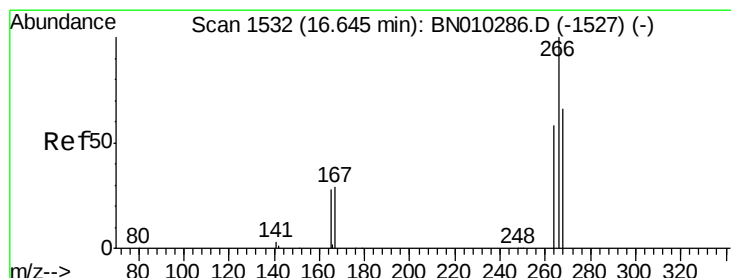
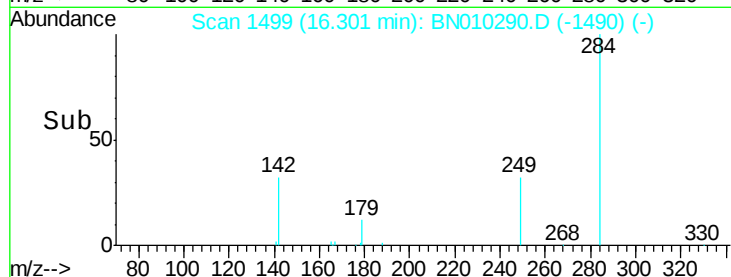
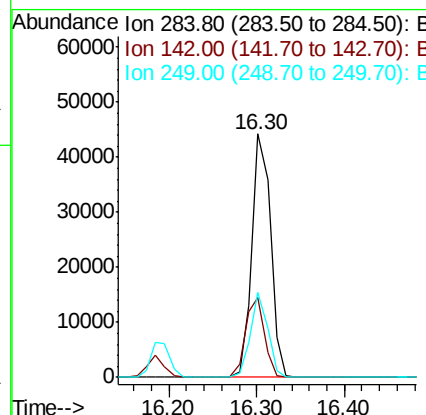
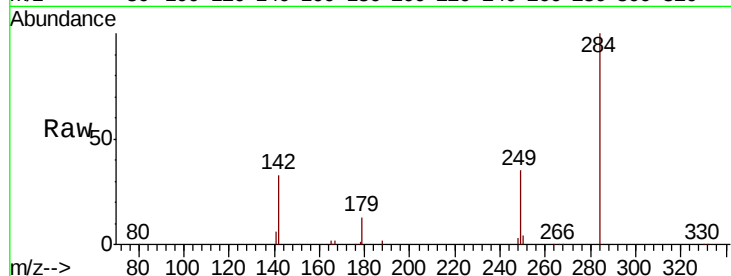




#21
Hexachlorobenzene
Concen: 5.756 ng
RT: 16.30 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BN010290.D
Acq: 19 Mar 2020 14:41

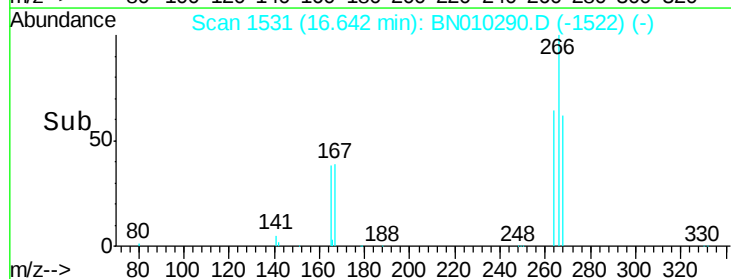
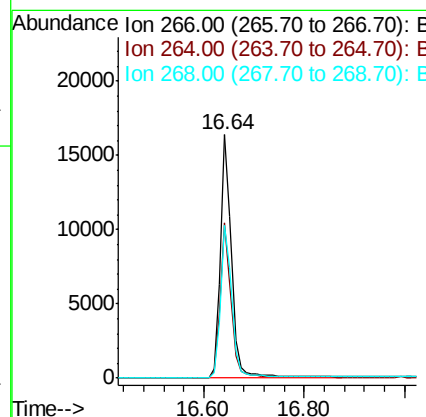
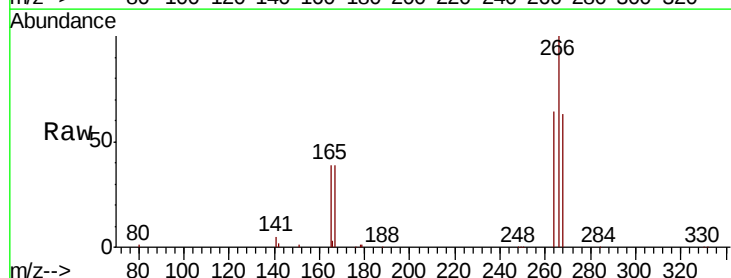
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

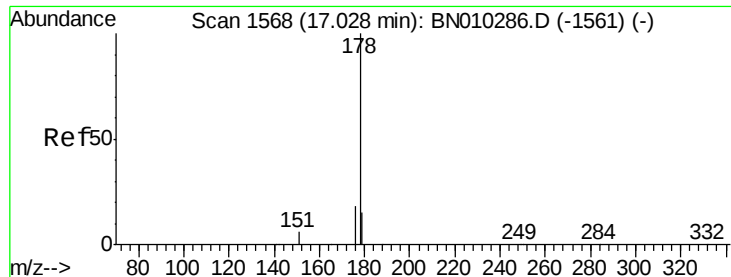
Tot Ion:284 Resp: 64795
Ion Ratio Lower Upper
284 100
142 32.9 27.4 41.2
249 32.0 26.5 39.7



#22
Pentachlorophenol
Concen: 7.200 ng
RT: 16.64 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BN010290.D
Acq: 19 Mar 2020 14:41

Tgt Ion:266 Resp: 25021
Ion Ratio Lower Upper
266 100
264 63.6 47.7 71.5
268 62.6 54.9 82.3





#23

Phenanthrene

Concen: 5.437 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

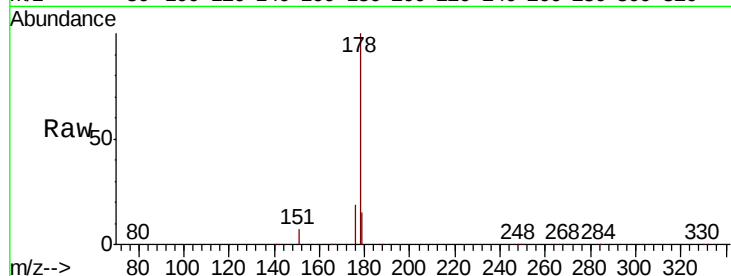
Tot Ion:178 Resp: 289538

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

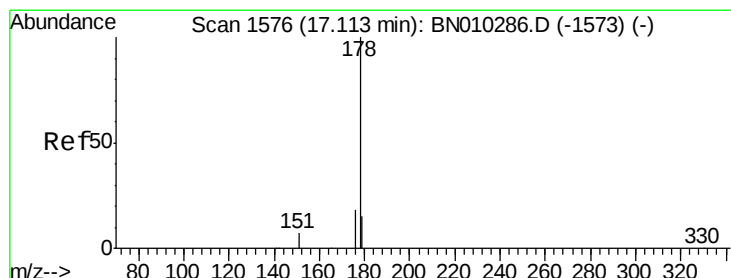
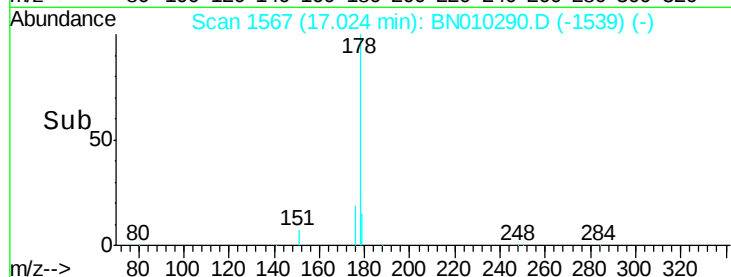
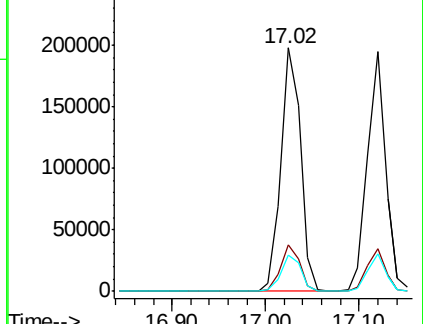
179 15.2 12.4 18.6



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: 5.053 ng

RT: 17.12 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

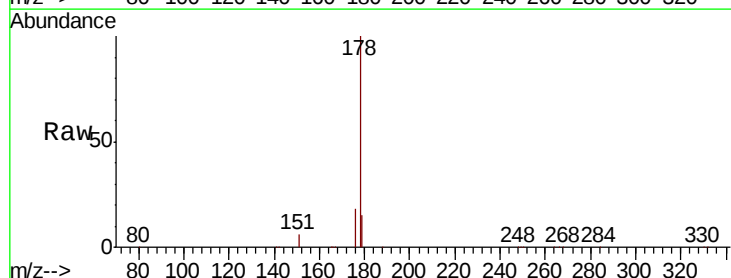
Tgt Ion:178 Resp: 268182

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

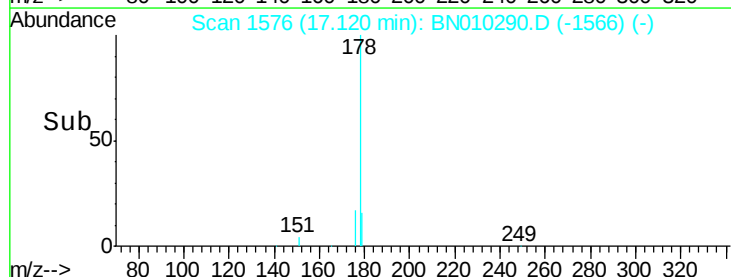
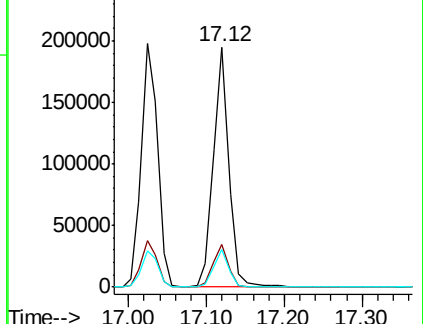
179 15.4 12.3 18.5

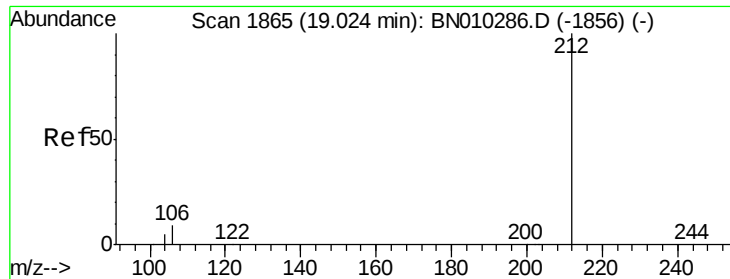


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.282 ng

RT: 19.03 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

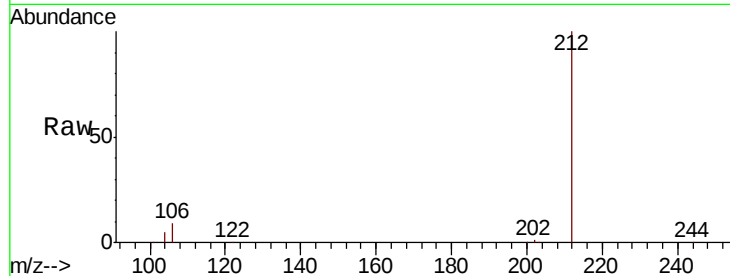
Tot Ion:212 Resp: 327328

Ion Ratio Lower Upper

212 100

106 9.7 7.4 11.2

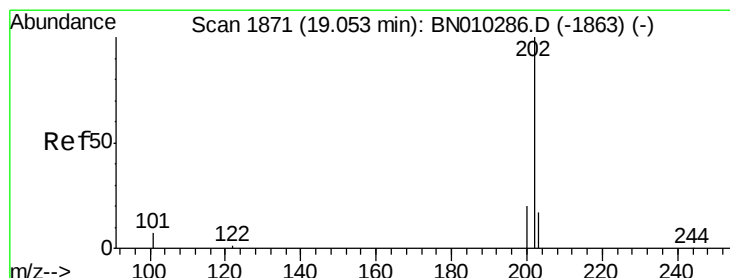
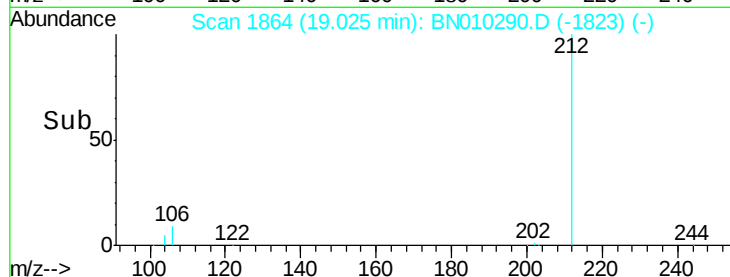
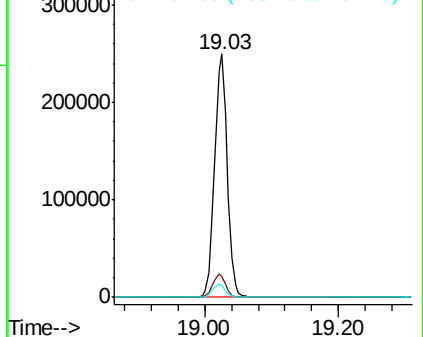
104 5.4 4.2 6.4



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: 5.415 ng

RT: 19.06 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

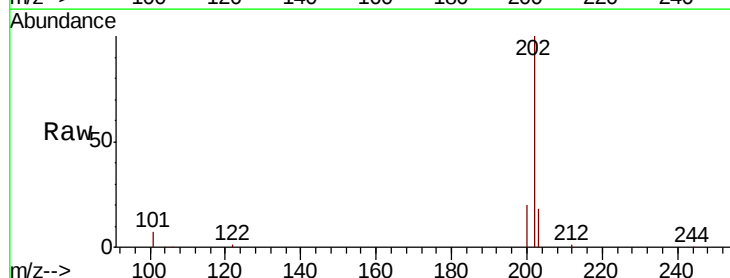
Tgt Ion:202 Resp: 365251

Ion Ratio Lower Upper

202 100

101 8.3 6.6 9.8

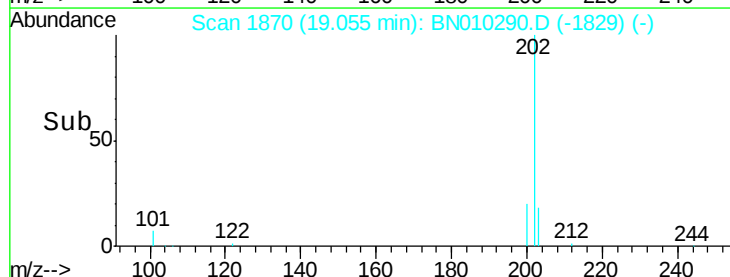
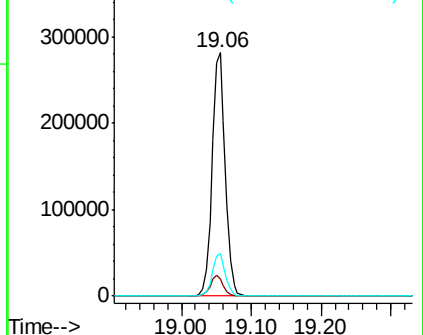
203 17.4 13.8 20.8

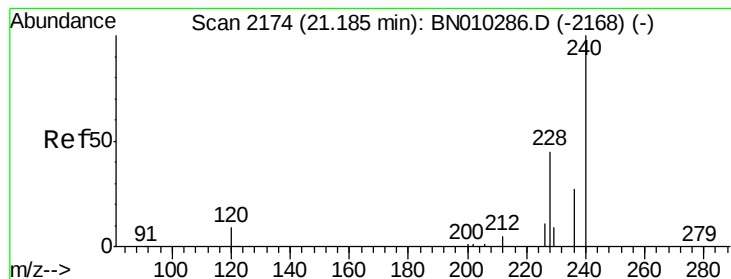


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

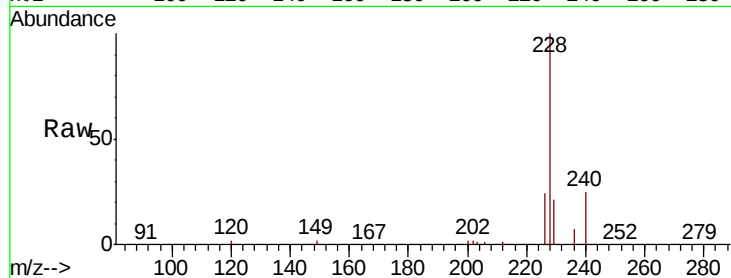
Tot Ion:240 Resp: 23172

Ion Ratio Lower Upper

240 100

120 8.9 7.9 11.9

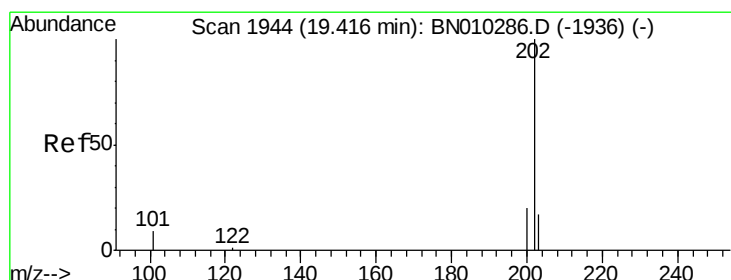
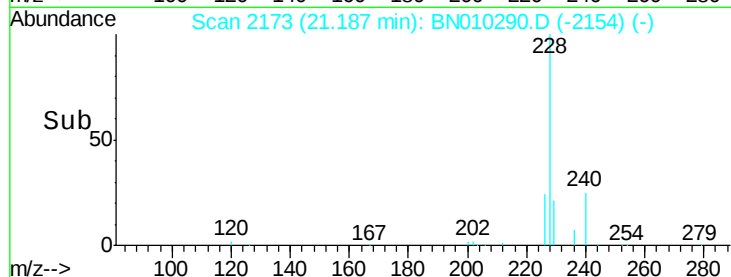
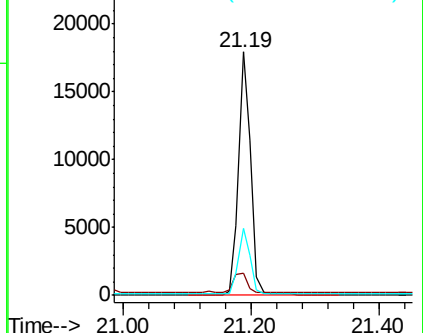
236 27.4 22.2 33.4



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: 4.704 ng

RT: 19.42 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

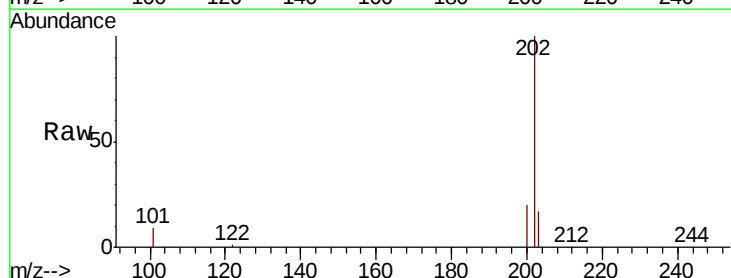
Tgt Ion:202 Resp: 364076

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

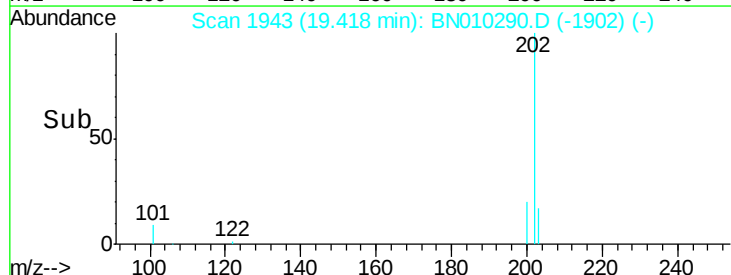
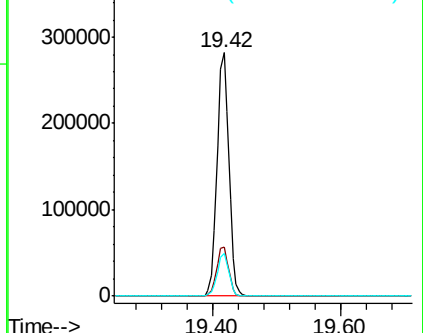
203 17.4 14.2 21.2

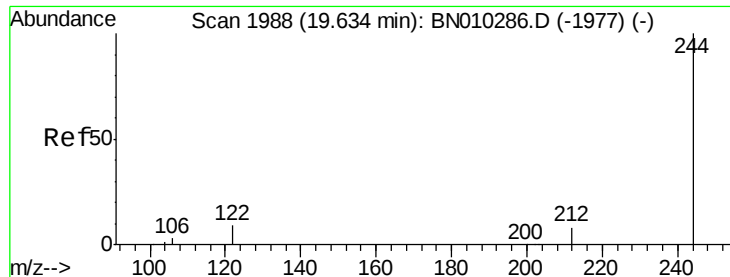


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.699 ng

RT: 19.64 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

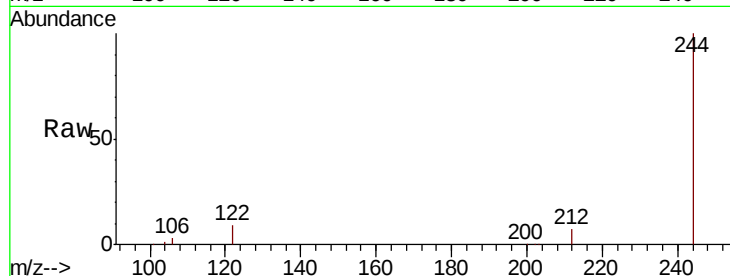
Tot Ion:244 Resp: 248240

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

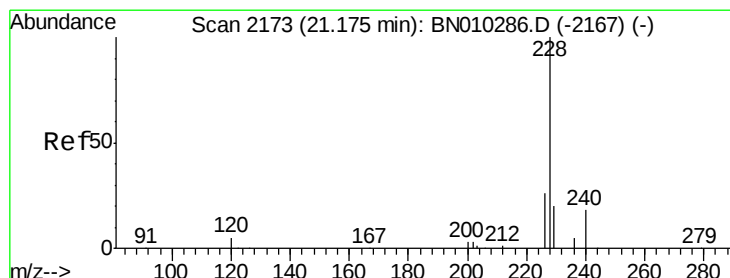
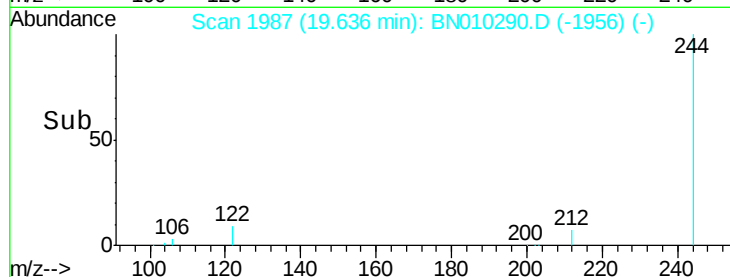
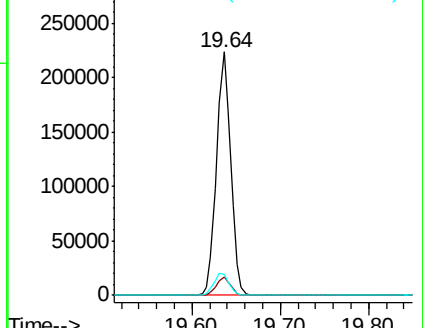
122 8.6 7.6 11.4



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: 5.019 ng

RT: 21.18 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

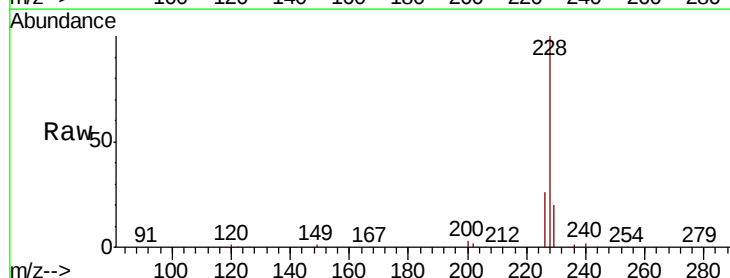
Tgt Ion:228 Resp: 395354

Ion Ratio Lower Upper

228 100

226 25.7 21.0 31.4

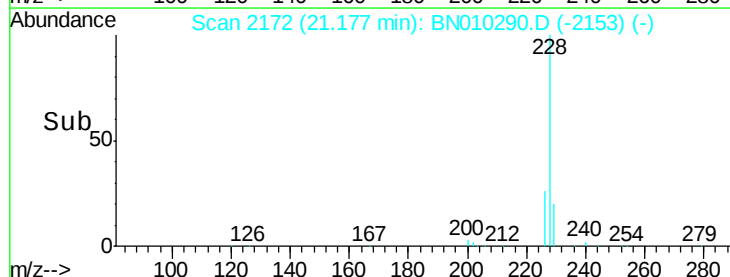
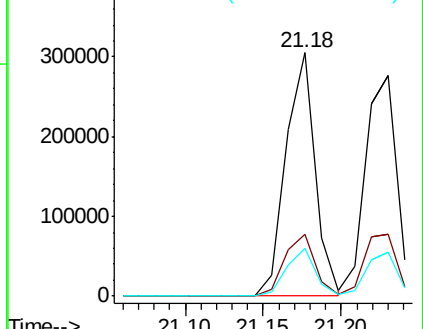
229 19.6 16.0 24.0

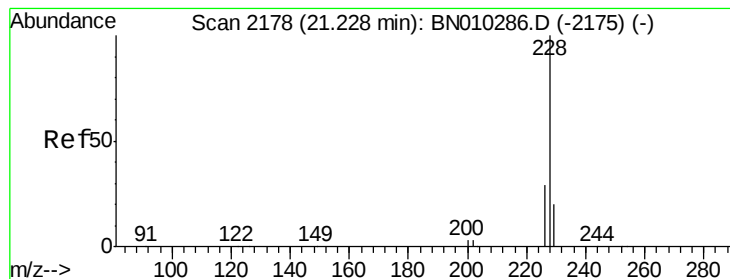


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 4.977 ng

RT: 21.23 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

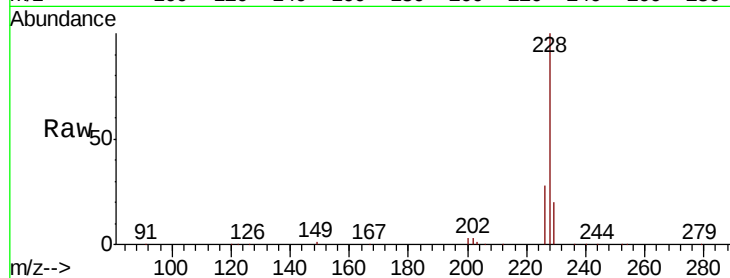
Tot Ion:228 Resp: 386002

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.6

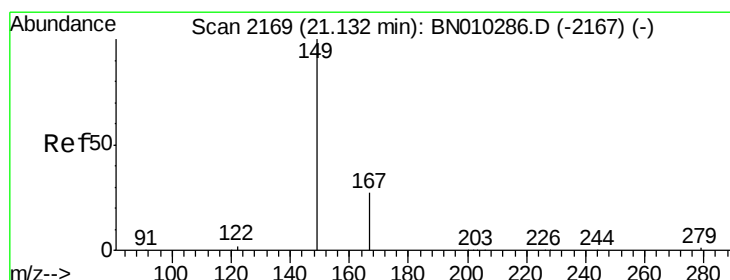
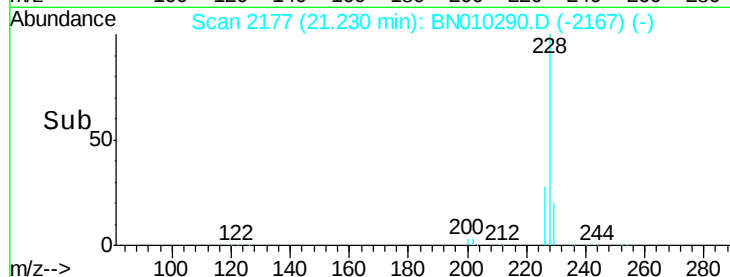
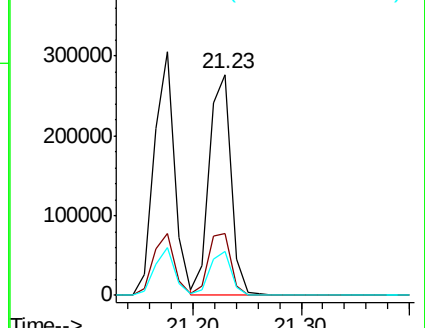
229 20.1 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.513 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

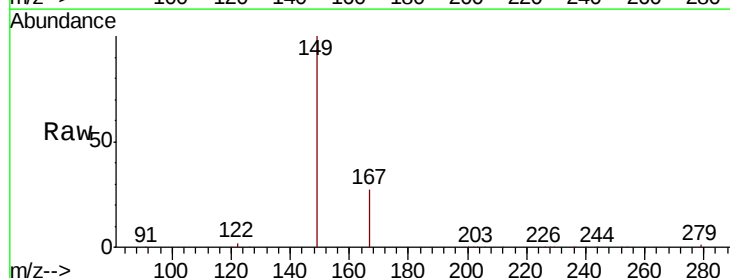
Tgt Ion:149 Resp: 151406

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.6

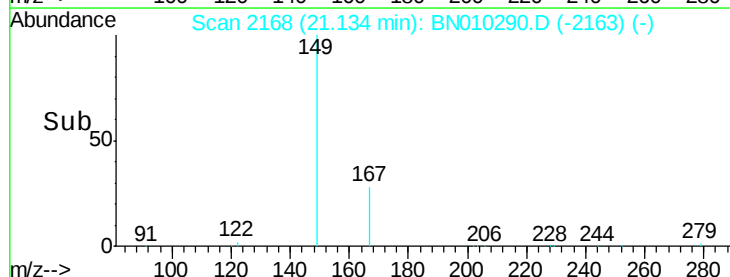
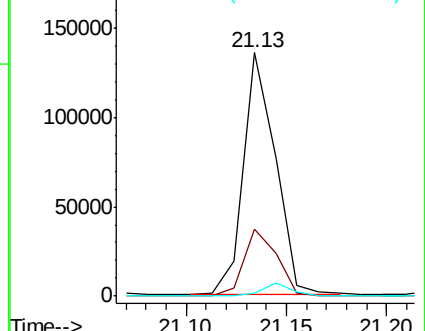
279 4.8 3.8 5.8

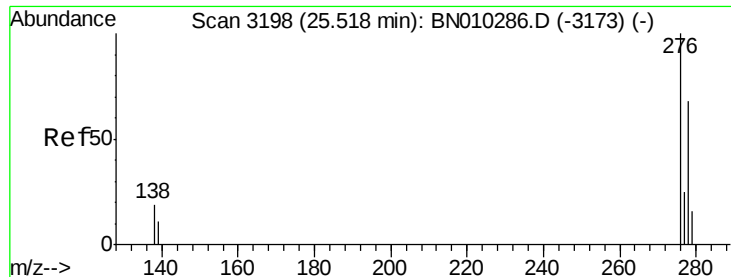


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

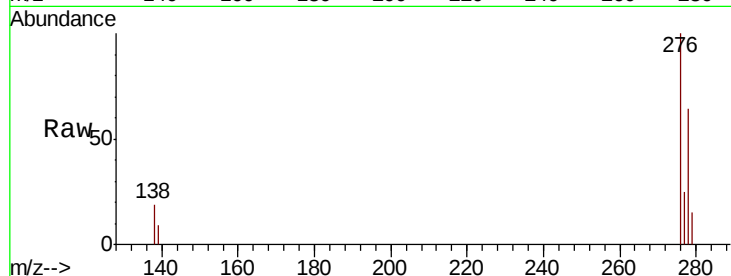




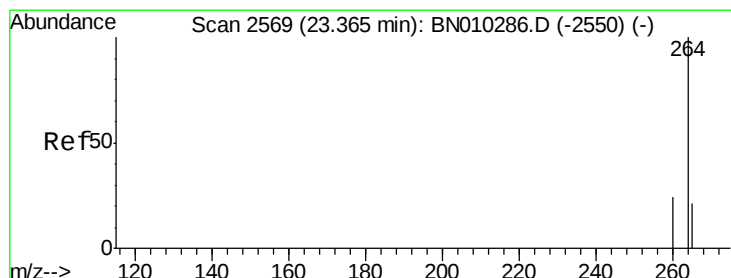
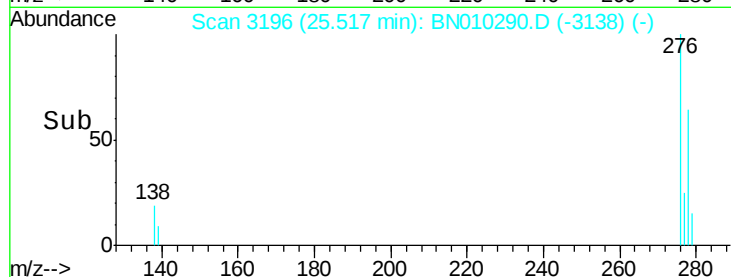
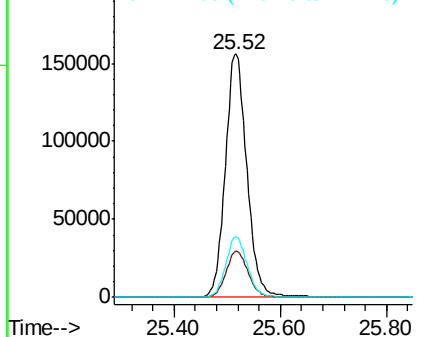
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.782 ng
RT: 25.52 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BN010290.D
Acq: 19 Mar 2020 14:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tot Ion:276 Resp: 439990
Ion Ratio Lower Upper
276 100
138 19.4 15.6 23.4
277 25.0 20.1 30.1

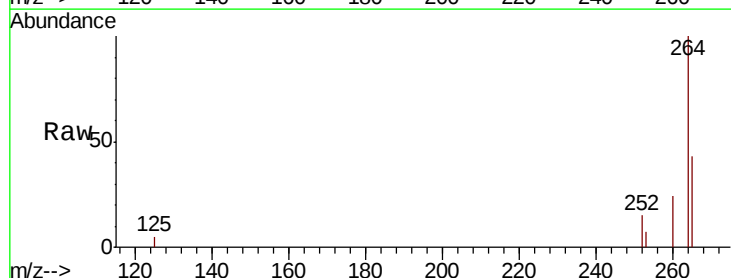


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

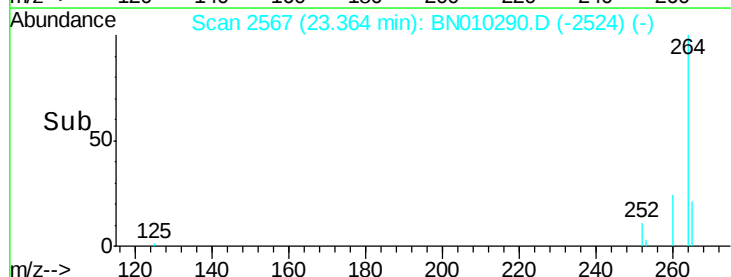
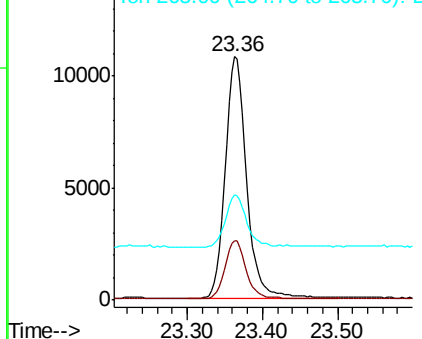


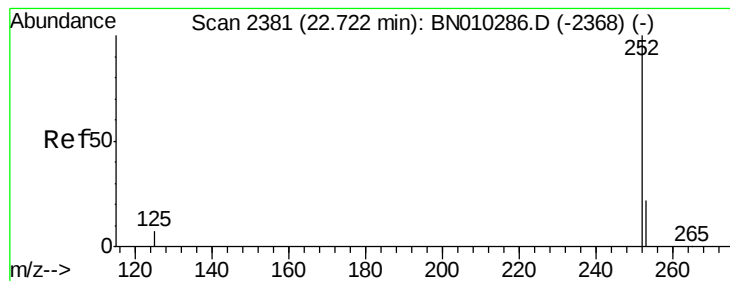
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BN010290.D
Acq: 19 Mar 2020 14:41

Tgt Ion:264 Resp: 21114
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 43.3 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: 6.042 ng

RT: 22.72 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

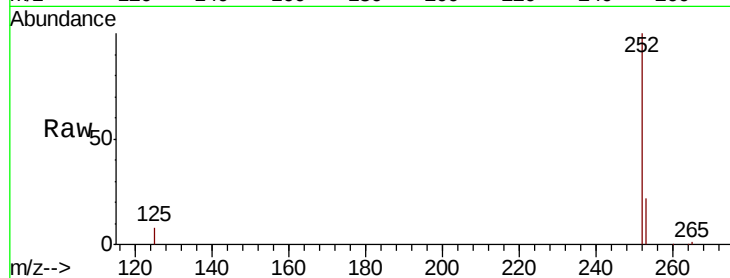
Tot Ion:252 Resp: 392302

Ion Ratio Lower Upper

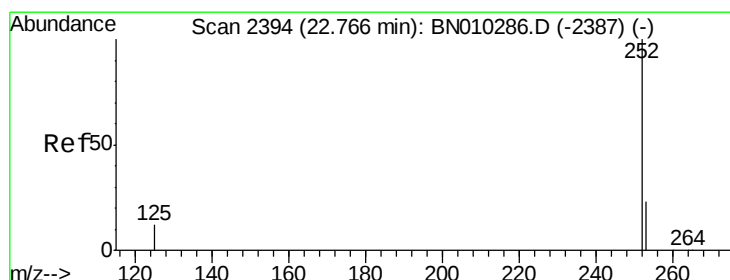
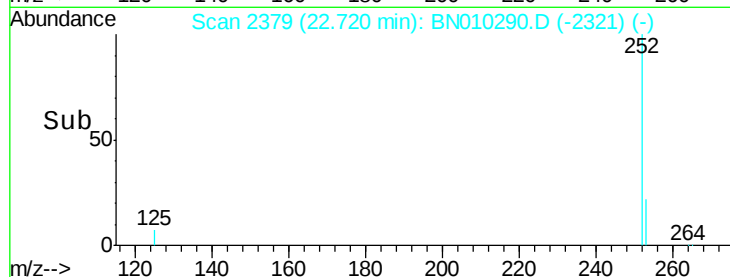
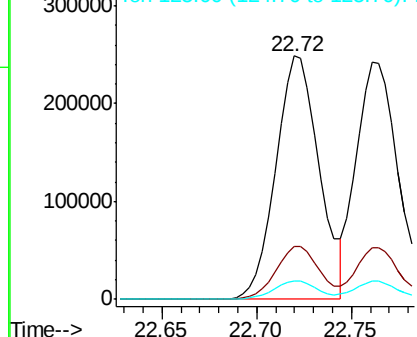
252 100

253 21.8 19.2 28.8

125 7.6 7.4 11.0



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: 5.777 ng

RT: 22.76 min Scan# 2391

Delta R.T. -0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

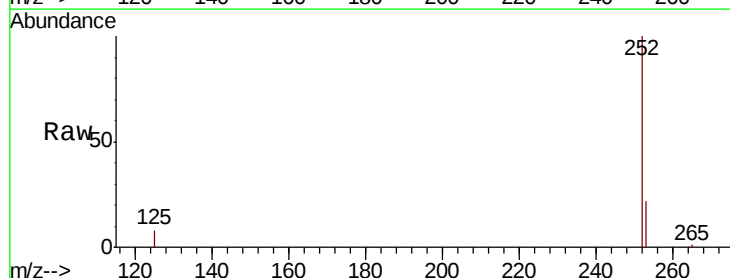
Tgt Ion:252 Resp: 379012

Ion Ratio Lower Upper

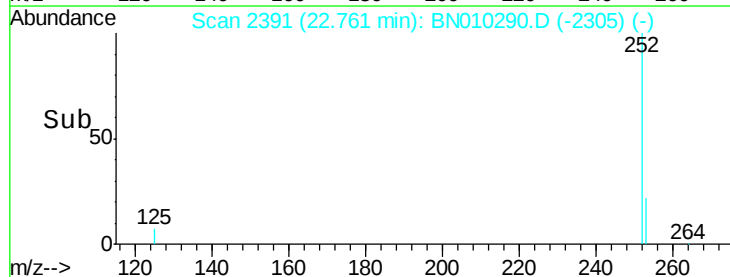
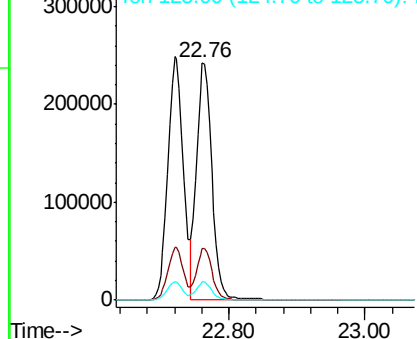
252 100

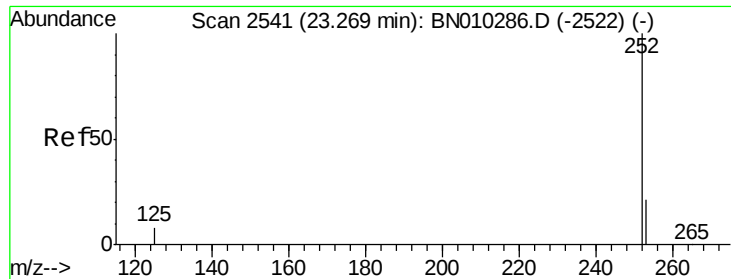
253 21.7 19.4 29.0

125 7.7 10.2 15.2#



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: 5.621 ng

RT: 23.27 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

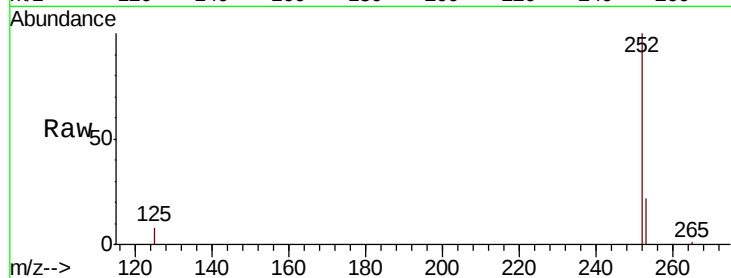
Tot Ion:252 Resp: 344335

Ion Ratio Lower Upper

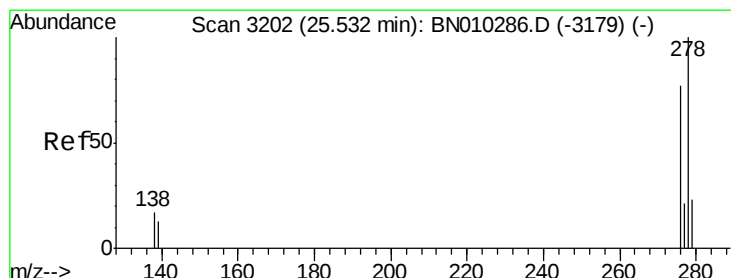
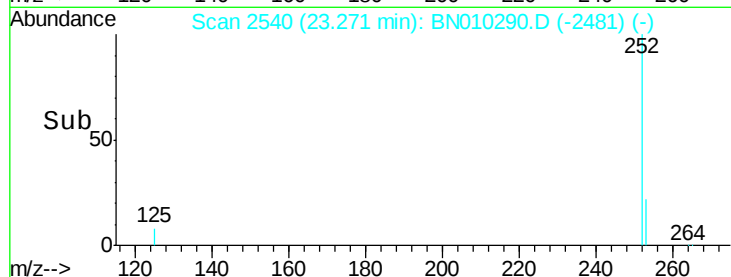
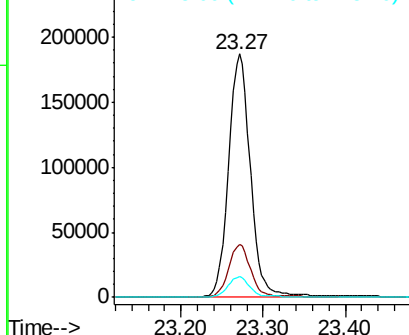
252 100

253 21.9 19.9 29.9

125 8.4 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: 5.874 ng

RT: 25.53 min Scan# 3200

Delta R.T. -0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

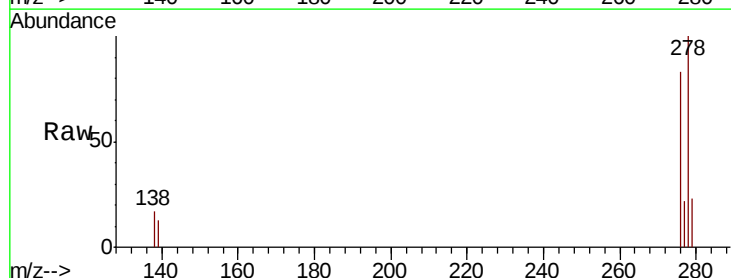
Tgt Ion:278 Resp: 361032

Ion Ratio Lower Upper

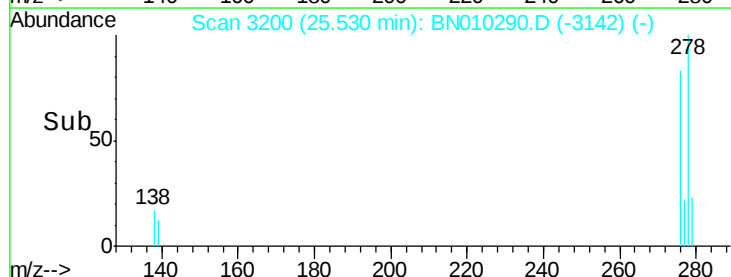
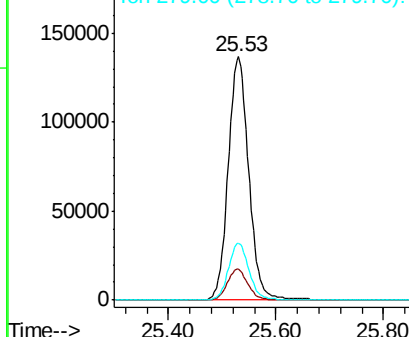
278 100

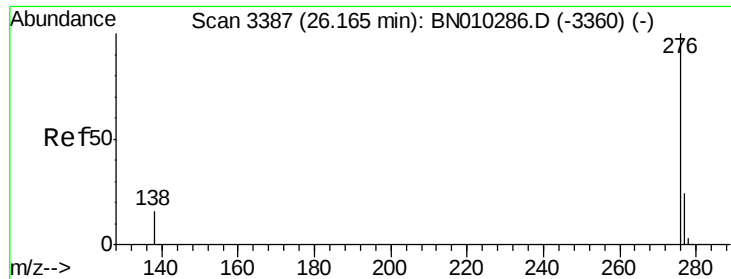
139 12.5 10.6 16.0

279 23.5 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: 5.851 ng

RT: 26.17 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BN010290.D

Acq: 19 Mar 2020 14:41

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

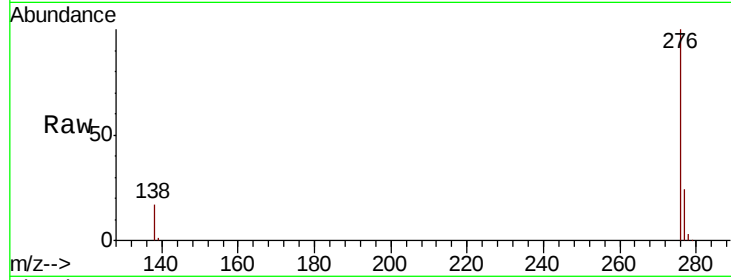
Tot Ion:276 Resp: 359050

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 16.6 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

